



## INTEGRATED REGIONAL WATER MANAGEMENT PROGRAM

### Grant Level Summary

<b>Summary Quarterly Progress Report #2</b>	
<b>August 16, 2011 through September 30, 2013</b>	
<b>Lead Agency: Central Sierra Resource Council &amp; Development</b>	<b>Agreement No.: 4600009723</b>
<b>Contact Name: Valerie Klinefelter</b>	<b>Grant Type: Prop 84 Implementation Round 1</b>
<b>Contact Phone: 209 223-3355</b>	<b>Report Date: November 13, 2013</b>

### **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.

Significant progress is being reported this period, with the completion of the Coleville High School Water Project, and near completion of the Round Valley Joint Elementary Water Project and the New Hilltop Well Project.

Minor administrative amendments have been requested and approved. These include:

Amendment #1: Exhibit B Revised Schedule July 31, 2012

Amendment #2: Project Budgets modification request for the Pump Operation Redundancy and SCADA Improvement Project & CSA-2 Sewer System Improvements Project dated January 9, 2013.

Amendment #3: Project Schedules for Pump Operation Redundancy and SCADA Improvement Project & CSA-2 Sewer System Improvements Project dated January 9, 2013.

Amendment #4: Project Agency Cost Share Reallocation.

This report will include a request for Amendment #5: Project Schedules for Pump Operation Redundancy, SCADA Improvement Project & CSA-2 Sewer System Improvements Project and Well Rehabilitation Phase 1 MCWD, as well as line item budget adjustments to the Round Valley Joint Unified School District and the New Hilltop Well projects

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 September 30, 2013.

### COST INFORMATION

Project No.	Project Names	Total Project Cost	Project Expenditure (Invoice #1)	Project Expenditure (invoice #2)	Total Project Expenditures to date
1	Safe Drinking Water and Fire Water Supply Feasibility Study for Tecopa, California	\$66,172.00	\$ -	\$41,195.86	\$41,195.86
2	Pump Operation Redundancy and SCADA Improvement Project	\$83,099.00	\$ -	\$3,326.36	\$3,326.36
3	Round Valley Joint Elementary School District Water Project	\$91,400.00	\$11,304.00	\$80,096.00	\$91,400.00
4	New Hilltop Well	\$108,883.39	\$10,385.00	\$70,936.32	\$81,321.32
5	Coleville High School Water Project	\$382,483.61	\$116,483.61	\$266,000.00	\$382,483.61
6	CSA-2 Sewer System Improvements Project	\$421,521.00	\$29,488.71	\$41,271.95	\$70,760.66
7	Well Rehabilitation (Phase1)	\$135,000.00	\$11,428.00	\$5,473.00	\$16,901.00
	Central Sierra RC&D	\$136,525.00	\$40,677.26	\$29,038.90	\$69,716.16
Contract Total		\$1,425,084.00	\$219,766.58	\$537,338.39	\$757,104.97

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 #1.

Amendment #5, an amendment adjusting the internal budgets of Round Valley Joint Unified School District, New Hilltop Well and Mammoth Community Water District will be presented with this report.

### **SCHEDULE INFORMATION**

Projects were delayed as a result of slow progress in agreements with DWR as well as details involved with the contracting process with CSRC&D. Despite these delays all projects are in compliance with Exhibit B as of this reporting period.

Amendment #5, an amendment altering the schedules of the following projects: CSA-2, Scada and Well modification (MCWD) will be presented with this report.

**A table showing project progress is included in Appendix A.**

### **Progress Reports:**

<b>Summary Quarterly Progress Report #2</b>	
<b>August 16, 2011 through September 30, 2013</b>	
<b><u>Safe Drinking Water and Fire Water Supply Feasibility Study for Tecopa, California</u></b>	
<b>Lead Agency: Amargosa Conservancy</b>	<b>Report Date: November 13, 2013</b>

### **DELIVERABLES**

Safe Drinking Water and Fire Water Supply Feasibility Study for Tecopa, California project is progressing in compliance with work plan, budget and schedule.

Johnson Wright, Inc. staff members Andy Zdon and Jon Philipp have been periodically conducting meetings with the Town of Tecopa. One of these community meetings was held in Tecopa on July 10, 2013. The meeting provided an overview of the analyses that were going to be conducted and to obtain local feedback and data. A Town Meeting/Public Participation session is scheduled for October 9<sup>th</sup>, 2013.

Technical work conducted this reporting period included evaluation of recharge in the capture area of a new groundwater supply, obtaining community water use, population and water quality data, and completing conceptual design of the potential water system and

initiation and preparation of a draft feasibility report. The draft Feasibility Study was presented to the Board of Directors for review.

- This document is attached as appendix C1: Tecopa files Draft Final Report.

The Amargosa Conservancy received three proposals to conduct the Tecopa water study. They were submitted in response to a request for proposals (RFP) that was circulated by the Conservancy.

- The RFP is included in appendix C: Tecopa files on page 2.

The Conservancy's Resource Committee reviewed the proposals and recommended to the Board of Directors that a contract be awarded to Johnson Wright, Inc.

- This contract was executed on March 1, 2013 and is included in appendix C: Tecopa files on page 20.

A Notice of Exemption (NOE) was filed on March 22, 2013 with Inyo County and is included in environmental documents attached as appendix B.

**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	\$795.00	\$1590.00	\$2385.00	\$2385.00	\$205.00	\$410.00
2.	Environmental Documentation						
3.	Permitting						
4.	Consultant Selection						
5.	Implementation of Feasibility Study	\$0	\$38810.86	\$38810.86	\$38810.86	\$0	\$24361.14
	<b>Total</b>	<b>\$795.00</b>	<b>\$40400.86</b>	<b>\$41195.86</b>	<b>\$41195.86</b>	<b>\$205.00</b>	<b>\$24771.14</b>

- This is the reporting period in which Amargosa Conservancy is reporting costs.
- The Safe Drinking Water and Fire Supply Feasibility Study for Tecopa, California is nearly complete.
- Draft report was released for comment during this reporting period.

- Budget is being drawn down in accordance with work plan and Exhibit C.

### **Task 1: Administration**

Amargosa Conservancy worked with the consultants during this reporting period to insure a connection between end water users and the Feasibility Study was established. Town meetings were held during this reporting period in order provide information as well as receive feedback that has been incorporated into the Draft Final Report which is attached as appendix C1: Tecopa files Draft Final Report. The new Executive Director Jordan Kelley is the primary Amargosa contact with the consulting team.

Greg James (Board Member) worked during this reporting period on behalf of the Conservancy. Mr. James worked on the Scope of Work, Budget and Schedule as well as contract review. A timesheet is included in backup materials.

### **Task 2: Environmental Documentation**

CEQA Notice of Exemption was filed with the Inyo County Clerk and The State Clearinghouse on March 22, 2013.

The NOE is included in appendix B: Environmental Documentation page 6.

### **Task 3: Permitting**

No work completed this reporting period.

### **Task 4: Consultant Selection**

A Request for Proposals (RFP) has been prepared and circulated.

- The RFP is included in appendix C: Tecopa files page 2.

Responses to the RFP were reviewed by the Resource Committee which made a recommendation to the board. The final consultant selection was Johnson Wright, Inc. The contract and was approved by the Board on March 1, 2013.

- This contract is included in appendix C: Tecopa files page 20.

### **Task 5: Feasibility Study**

The Draft Feasibility Study has been presented to the Board of Directors. A Town Hall meeting is scheduled for October 9<sup>th</sup> to present the Draft report.

- This report is included in appendix C1: Tecopa files.

Work completed during this reporting period:

- Data Assessment has been completed and water quality data gathered (samples collected).
- Local water use information has been gathered and included in the Draft Feasibility Study.
- Preparation of base map from Inyo County GIS and associated conceptual drawings complete are included in the Draft Feasibility Study.
- Assessments of Water Supply Requirements are included in the Draft Feasibility Study.
- Two community meetings have been conducted with one more scheduled.
- A Groundwater Supply Assessment has been completed, including recharge estimates.
  
- Potential project alternatives and requirements have been included in the Draft Final Report.

<b>Summary Quarterly Progress Report #2</b>	
<b>January 1, 2013 through September 30, 2013</b>	
<b><u>Pump Operation Redundancy and SCADA Improvements Project</u></b>	
<b>Lead Agency: Inyo County</b>	<b>Report Date: November 13, 2013</b>

**DELIVERABLES**

Activities this reporting period include Administration (reporting and invoicing), Planning and Design.

**SCHEDULE**

Schedule and progress to date are included as Appendix A.

A schedule change will be requested as a part of this report and will be referred to as Amendment #5. This amendment is needed in order to remain in compliance with contract requirements. Inyo County experienced delays in startup of this project primarily as a result of significant delays in the grantee receiving a contract with DWR which in turn led to delays to the contracts with project proponents. Timing of projects on the East Slope of the Sierra's carries with it a unique set of challenges including weather and availability of contractor's.

**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	\$20.68	\$196.26	\$216.94	\$216.94	\$379.32	\$3599.74
2.	Permitting						
3.	Environmental Documentation					\$400.00	
4.	Planning Design/Engineering	\$3109.42		\$3109.42	\$3109.42	\$4481.58	
5.	Construction Implementation						\$48500.00
6.	Award of Contract						\$599.00
7.	Construction Administration/Contingency					\$12000.00	\$9813.00
	<b>Total</b>	<b>\$3130.10</b>	<b>\$196.26</b>	<b>\$3326.36</b>	<b>\$3326.36</b>	<b>\$17260.90</b>	<b>\$62511.74</b>

- This is the first invoicing for SCADA.
- Budget is being drawn down more slowly than projected in work plan.
- A schedule amendment has been submitted as Amendment #5.

**Task 1: Administration**

Reporting and invoicing were performed during this reporting period.

**Task 2: Permitting**

No permitting is expected to be required for this project. An alternative method of communicating between Laws Well 413 and Laws Domestic Well 354 has been determined thereby negating the need to secure a “pole agreement” between the county and LADWP for use of their poles to run communication lines between the two wells.

This constitutes a Scope of Work change which will be prepared and submitted.

**Task 3: Environmental Documentation**

No work completed this reporting period.

**Task 4: Planning/Design/Engineering**

Planning, Design and Engineering started late July 2013, and will be completed by December 31, 2013. Calculated likely high pressure surge at Lone Pine Wells under normal pump on-pump off operations as a required pressure switch selection parameter.

Investigating the most appropriate pressure switch given the various pressure ranges and operating conditions encountered at three wells (different well- different pressure range) and the methods or alternative methods of providing pneumatic pressure surge protection to those pressure switches.

Component selection emphasis is placed upon obtaining both maximum durability and repeatability of the pressure switch coupled with selecting the most appropriate pressure switch for each individual application. Not all pressure switches are identical; there are different pressure switch manufacturers and different pressure switch features and functions. It is important to not only determine the necessary electrical circuit at remote telemetry units to transfer operation of the existing SCADA system to redundant auto-dialers, but also the necessary pressure switch to be installed by this project in the event the SCADA system is inoperative due to lightning, etc. In such an event the existing 3 remote and 1 master SCADA system telemetry units must “understand” or “be told”, through new programming that part, or all of SCADA functionality is being temporarily halted and transferred to the new hardware installed by this project so that auto-dialers (1 redundant at each remote telemetry unit installed by this project, and 1 existing at a master telemetry unit) will not compete.

**Task 5: Construction/Implementation**

Work on this task has not begun and this task is included in the proposed schedule change (amendment #5). Schedule delays are discussed in section “Schedule”.

**Task 6: Award of Contract**

Work on this task has not begun and this task is included in the proposed schedule change (amendment #5).

**Task 7: Construction Administration/Contingency**

No work completed.

<b>Summary Quarterly Progress Report #2</b>
<b>January 1, 2013 through September 30, 2013</b>



<b><u>Round Valley Joint Elementary School District Water Project</u></b>	
<b>Lead Agency: Round Valley Joint Elementary School District</b>	<b>Report Date: November 13, 2013</b>

## **DELIVERABLES**

Design plans and equipment specifications have been prepared by a licensed engineer in compliance with all State requirements for school facilities. These plans include detailed project diagrams, materials as well as plot maps of project site. These plans are uploaded to the GRanTS system.

A Request for proposal (RFP) was prepared and released to prospective contractors, on February 8<sup>th</sup> 2013. The bids were to be returned no later than Friday, February 22, 2013. A letter to contractors was also prepared for wide distribution.

- The RFP is included in appendix D: RVJESD files on page 2.
- The Letter to Contractors is included in appendix D: RVJESD files on page 3.

One bid was received and the Board reviewed this proposal at the April 17<sup>th</sup> School Board meeting.

- This board Minutes are included in appendix D: RVJESD files on page 4.

A Notice of Award was presented to Rottman Drilling Company on April 20, 2013.

- This document is included in appendix D: RVJESD files on page 8.

Final contract was signed with Rottman Drilling Co. on June 3rd, 2013.

- Signed contract is included in appendix D: RVJESD files on page 11.

Drilling commenced in the middle of June. Drilling of the well bore was completed by the end of the month and the well was logged. Developing of the well commenced in July and should be completed to a production configuration by the end of November, 2013.

## **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	\$2054.50	\$1148.00	\$3202.50	\$4648.00	\$0	\$0
2.	Environmental Documentation				\$122.00	\$0	\$0
3.	Permitting						
4.	Planning/Design/Engineering				\$9736.50	\$0	\$0
5.	Award of Contract						
6.	Construction/Implementation Award of Contract	\$2081.87	\$70011.63	\$72093.50	\$72093.50	\$0	\$0
7.	Construction Administration/Contingency		\$4800.00	\$4800.00	\$4800.00	\$0	\$0
	<b>Total</b>	<b>\$4136.37</b>	<b>\$75959.63</b>	<b>\$80096.00</b>	<b>\$91400.00</b>	<b>\$0</b>	<b>\$0</b>

- Project was nearly completed during this reporting period.
- Due to cost overruns outlined on page 25 of appendix L, all funds have been drawn down during this reporting period.
- All addition costs will be the responsibility of RVJUSD.

**Task 1: Administration**

Administration during this period included overseeing the bidding process, overseeing the well drilling contract, maintenance of in-kind records, general correspondence, and responding to invoice refinements.

**Task 2: Environmental Documentation**

No work completed.

**Task 3: Permitting**

The well permit was obtained by Rottman Drilling Co. in May.

- The permit is included in appendix D: RVJESD files on page 58.

Task 3 is considered complete.

**Task 4: Project Plans & Specifications**

Plans and Specifications are uploaded to the GRanTS system.

Final design of the well's hardware selection was determined by well development testing that occurred in early July. Hardware and hardware selection are included in the drilling contract.

### **Task 5: Award of Contract(s)**

The bid package for drilling solicitation was prepared and advertised. The bid package was prepared consisting of the Request for Bids and the well drawing. The Request for Bids was advertised in several clearing houses and all local drillers were personally contacted.

- The bid package is included in appendix D: RVJESD files on page 2.

A letter for Round Valley Joint Elementary School District Notice to Licensed Contractors was sent out on November 29<sup>th</sup>, 2013 to be placed on the Districts contractors list. All drill contractors on the list were contacted as well as all local drillers.

- This letter is included in appendix D: RVJESD files on page 3.

Bid packages were requested from one firm only. The bid instructions required bids to be postmarked by Friday, February 22, 2013. The contract for drilling the well Notice of Award was given to Rottman Drilling Company on March 14, 2013.

- Notice of Award is included in appendix D: RVJESD files on page 8.
- Board Minutes are included in appendix D: RVJUSD files on page 4.

Final contract was signed with Rottman Drilling Co. on April 20<sup>th</sup>, 2013 and signed by District on June 3, 2013.

- The contract is included in appendix D: RVJESD files on page 11.

Task 5 is complete at this time.

### **Task 6: Construction**

Well construction was started in mid-June with preparation of the site for staging the drill rig. Drill rig and additional equipment were mobilized to the site. A water supply for the drilling tender was established, and drilling commenced on June 17, 2013. The well was drilled to 129 feet with a 12-inch bore. Drilling samples indicated a good chance for obtaining water. The well was then logged to provide an indication of the formation composition and the potential for water locations. The well was developed in July to establish the design of the motor and pump, as well as pump depth in the well.

Development testing showed a production capability of 50 gpm. at 60 feet. Static water level of the well is 46 feet.

Production parts were ordered and installed in August through September.

- These invoices are located in the Back up materials on pages 3 – 24 of Appendix L.
- The well completion report is included in appendix D: RVJESD files on page 61.

The mechanical portion of the well is complete.

Addition funds required to complete project are outlined in invoice back up materials and discussed in budget comments.

### **Task 7: Construction Administration/Contingency**

The drilling portion of the well bid came in at \$57,029.33 from Rottman Drilling. The ending cost exceeds this amount by \$19,858.00 due to Drilling problems that were not anticipated at the time of bidding. Rock structure delayed the drilling by several days.

These additional costs are documented in the final statement from Rottman Drilling.

- This statement is included in the Back up Materials on page 27 of appendix L.

<b>Summary Quarterly Progress Report #2</b>	
<b>January 1, 2013 through September 30, 2013</b>	
<b><u>New Hilltop Well</u></b>	
<b>Lead Agency: Wheeler Crest Community Services District</b>	<b>Report Date: November 13, 2013</b>

### **DELIVERABLES**

Initial project tasks are proceeding per schedule. Bidding for drilling the well was advertised and solicited with bids returned at the end of March. The Board reviewed bids in April and a final contract was signed with Rottman Drilling Co. in June. Drilling commenced at the end of June, slightly ahead of scheduled activities. Drilling of the well bore was completed by the end of the month and the well was e-logged. The well will be developed in July and

completed to a production configuration in September. Plans for the pressurization system were completed in September.

## 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	\$2450.00		\$2450.00	\$8000.00	\$0	\$0
2.	Environmental Documentation				\$700.00	\$0	\$0
3.	Permitting	\$798.00		\$798.00	\$998.00	\$0	\$0
4.	Project Plans and Specifications		\$10100.00	\$10100.00	\$14035.00	\$0	\$0
5.	Award of Contract	\$465.00		\$465.00	\$465.00	\$0	\$0
6.	Construction	\$24858.43	\$29014.89	\$53873.32	\$53873.32		
7.	Construction Administration/Contingency	\$2063.49	\$1186.51	\$3250.00	\$3250.00		
	<b>Total</b>	<b>\$30634.92</b>	<b>\$40301.40</b>	<b>\$70936.32</b>	<b>\$81321.32</b>		

- 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 period included processing and recording of easements, overseeing the bidding process, overseeing the well drilling contract, maintenance of in-kind records, general correspondence, and responding to invoice refinements.

- Montin Easement is included in appendix E: Wheeler Crest files on page 2.
- Bornfeld Easement is included in appendix E: Wheeler Crest files on page 8.

### Task 2: Environmental Documentation

No work completed this reporting period.

### **Task 3: Permitting**

The well permit was obtained by Rottman Drilling Co. in May.

- The permit is included in appendix E: Wheeler Crest files on page 18 as a deliverable for Task 3.

### **Task 4: Planning/Design/Engineering**

The well site easements, well design, and pressurization system design have been completed.

The easement descriptions and drawings were released, agreed to by the two owners of the parcels on which the project will be constructed, and recorded with the Mono County Clerk.

- The site easements are included in appendix E: Wheeler Crest files on pages 4-13 as deliverables for Task 4.

The well detail design has been completed. The drawing was made part of the bid package.

- The drawing is included in appendix E: Wheeler Crest files on page 20 as a deliverable for Task 4.

A Request for Bid document was prepared to support and define the bid process.

- The Request for Bid document is included in appendix E: Wheeler Crest files on page 15 as a deliverable for Task 4.

Final design of the well's hardware selection was determined by well development testing. Funding for that portion of the project is included as part of the down payment to start the drilling contract.

Design of the pressurization system was completed in September.

- The design and the drawing are included in appendix E: Wheeler Crest files on page 14 as a deliverable for Task 4.

Power installation is expected to be accomplished once well drilling has been completed successfully.

### **Task 5: Award of Contract(s)**

The bid package for drilling solicitation was prepared and advertised. The bid package was prepared consisting of the Request for Bids and the well drawing.

- The bid package is included in appendix E: Wheeler Crest files on page 15.

The Request for Bids was advertised in the primary newspapers in both Mono and Inyo counties. Bid packages were requested from firms in both Northern and Southern California, and also two web-based, construction bulletin board firms. The bid instructions required bids to be postmarked by March 31<sup>st</sup>. The contract for drilling the well was awarded to Rottman Drilling Co. of Lancaster, California in April with final contract signing in June.

- The contract is included in appendix E: Wheeler Crest files on page 17.

This task is complete at this time,

### **Task 6: Construction/Implementation**

Well construction was started in late June with preparation of the site for staging the drill rig. The drill rig and needed equipment were mobilized the site. A water supply for the drilling tender was established, and drilling commenced on June 26. The well was drilled to 220 feet with a 12-inch bore. Drilling samples indicated a good chance for obtaining water. The well was then e-logged to provide an indication of the formation composition and the potential for water locations. The well was developed in July to establish the design of the motor and pump, as well as pump depth in the well. Development testing showed a production capability of 23 gpm at 180 feet. Static water level of the well is 70 feet.

Production parts were ordered and installed in September.

- The well completion report is included in appendix E: Wheeler Crest files page 21 as a deliverable for Task 6.

The mechanical portion of the well is complete. The pressurization system is scheduled for installation by March 2014.

### **Task 7: Construction Administration/Contingency**

Administration of construction tasks began in this period with oversight of well construction, capacity testing, and installation of the production pump. Plans for the next quarter include coordination of SCE, the county roads department, and electrician to bring power to the site; overseeing burial of the cistern and utility vault; and interconnection of the pressure system modules.

<b>Summary Quarterly Progress Report #2</b>
<b>May 8, 2012 through September 30, 2013</b>

<b><u>Coleville High School Water Project</u></b>	
<b>Lead Agency: Eastern Sierra Unified School District</b>	<b>Report Date: November 13, 2013</b>

**DELIVERABLES**

This second reporting period finds the Coleville Water Project one hundred percent complete. The work done on Tasks 1-7 are shown below. This report and invoice will represent Eastern Sierra Unified Schools District’s grant portion as the agency match was met 100% during reporting period #1.

Project Plans and Specifications were submitted to DWR during the application process and will be added to the GRanTS files.

The District is submitting its final invoice. This reporting/invoicing period to include all construction costs. This will include all costs associated with task 6: Construction Implementation.

- All deliverables will be included in appendix F: ESUSD files.
- A photo documentation is included in appendix F1: ESUSD files.

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	\$266000.00		\$266000.00	\$0
7.	Construction Administration						
	Total		\$266000.00	\$266000.00		\$382483.61	

- The Coleville High School Water Project is complete.
- Entire funding match was billed during previous reporting period.
- Entire grant share was billed during this reporting period.
- The IRWM portion of this project represented approximately 1/3 of total project costs from all sources.

**Task 1: Administration**

Work during this reporting period was restricted to preparing documents for report and invoice.

**Task 2: Environmental Documentation**

- The Notice of Exemption is included in Appendix B: Environmental Documentation on page 12.

**Task 3: Permitting**

No work was performed this reporting period.

**Task 4: Project Plans & Specifications**

Plans and specifications have been uploaded to the GRanTS system.

**Task 5: Award of Contract(s)**

No work was performed this reporting period.

**Task 6: Construction Implementation**

No work was performed this reporting period. Billing for Construction Implementation is discussed in Budget Information section above.

**Task 7: Construction Administration**

No work was performed this reporting period.

<b>Summary Quarterly Progress Report #2</b>	
<b>January 1, 2013 through September 30, 2013</b>	
<b><u>CSA-2 Sewer Improvements Project</u></b>	
<b>Lead Agency: Inyo County</b>	<b>Report Date: November 13, 2013</b>

**DELIVERABLES**

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: O pages 2-10.

Completion of project plans, including extra survey data collection in order to complete topographic views on plans.

- Project Plans and Specifications are included in Appendix G2: CSA-2.
- Project plans will be uploaded to the GRanTS system.

Prepared draft Request for Proposals (RFP) for Board approval.

- Draft RFP is included in appendix G1: CSA-2 files.

**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	\$2518.87	\$7364.98	\$9883.85		\$9883.85	\$478.13	\$1398.02

2.	Permitting	\$1132.14	\$1639.79	\$2771.93		\$2771.93	\$5174.86	\$7495.21
3.	Environmental Documentation	\$239.79	\$719.38	\$959.17		\$959.17	\$27260.21	\$81780.62
4.	Planning Design and Engineering	\$6919.25	\$20737.17	\$27657.00		\$57145.13	\$1853.09	\$5553.78
5.	Award of Contract					\$0	\$2411.00	\$0
6.	Construction Implementation					\$0	\$52281.00	\$156497.00
7.	Construction Administration					\$0	\$2980.00	\$5598.00
	Total	\$10810.05	\$30461.32	\$41271.95		\$70760.08	\$92438.29	\$258322.63

- Budget draw down, excluding administration is less than projected in work plan.
- Schedule modification is included in Amendment #5.
- 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.

**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 in included in Back up materials Appendix: O pages 2-10.

Prepared internal county documentation (Agenda Request Form, County Counsel Services Request) to present project to Board of Supervisors for approval to advertise and bid project. Communications and County Counsel Review resulted in a recognized need to have Labor Compliance Program prior to release of an RFP.

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

**Task 2: Permitting**

Coordinated with CA Department of Fish and Wildlife for project permitting. Inyo County obtained release from Streambed Alteration Permit (1600 Notification) for work under perennial spring on west side of Hwy 168.

**Task 3: Environmental Documentation**

Preliminary work was completed this reporting period which included communication with the Forest Service on what documents would be necessary to prepare.

#### **Task 4: Planning/Design/Engineering**

Collected additional survey data to complete topographic views on some sheets; Finished Plan & Profile sheets for project. Engineering is on track to be completed by March 31, 2014.

The following work continued into this reporting period:

**Prepared GIS shape file:** A GIS shape file contains information in a Geographic Information System (GIS) format so that other agencies can import this file into their GIS systems. Specifically, for our project, this was done so that the USFS could superimpose our project into their database for evaluating various potential resource impacts during the environmental review process.

**Surveying:** Field work at the project location using surveying and data collection equipment to gather information on locations and elevations of the existing sewer systems, topographic features, and boundary corners. As the project is partially located under a forested canopy (where satellite contact is lost), most survey work was performed without the benefit of GPS equipment, so the work was performed utilizing total station equipment.

**Prepared design base map from survey data:** The object of collecting survey data is to download and transfer that data into the computer and create an AutoCad base map for final design purposes. We had no prior electronic files (CAD) showing features on the ground.

**Prioritized project sewer system replacement work:** As preliminary engineering activities revealed current sewer conditions, a prioritization for this replacement work was determined. In addition, we also are awaiting final environmental review from the USFS on those portions of the sewer replacement work occurring on or adjacent to USFS lands. Based on this, the current sewer replacement work has been prioritized to address the most pressing needs and where we have approved access.

#### **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.

<b>Summary Quarterly Progress Report #2</b>	
<b>January 1, 2013 through September 30, 2013</b>	
<b><u>Well Rehabilitation (Phase 1)</u></b>	
<b>Lead Agency: Mammoth Community Water District</b>	<b>Report Date: November 13, 2013</b>

Mammoth Community Water District (MCWD) has made progress in compliance with work plan and schedule. Significant progress has been made towards contracts, environmental requirements, and planning to insure the success of this project.

### **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	\$1420.00		\$1420.00	\$11173.50	\$826.50	\$0
2.	Environmental Documentation	\$432.00		\$432.00	\$609.50	\$0	\$0
3.	Engineering	\$1278.00		\$1278.00	\$1710.00	\$290.00	\$0
4.	Request for Proposal	\$1278.00		\$1278.00	\$2343.00	\$47.50	\$0
5.	Construction Implementation		\$1065.00	\$1065.00	\$1065.00	\$0	\$96935.00
6.	Construction Administration/Contingency					\$20000.00	\$0
	<b>Total</b>	<b>\$5473.00</b>	<b>\$1065.00</b>	<b>\$5473.00</b>	<b>\$16901.00</b>	<b>\$21164.00</b>	<b>\$96935.00</b>

- Budget draw down is less than projected in work plan.
- Schedule modification is included in Amendment #5.

#### **Task 1: Administration**

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

Staff spent considerable time researching Labor Compliance Programs and determining MCWDs needs for compliance.

**Task 2: Environmental Documentation**

No work completed this reporting period.

Task 2 is considered complete.

**Task 3: Engineering**

Well profiling methods were researched further. Discussion with possible contractors regarding necessary access to the well bore.

District staff reported 18 hours' work on Task 3 to investigate and determine appropriate profiling technology. Plan and prepare for installation of any further equipment or appurtenances necessary to complete well profiling

**Task 4: Request for Proposals**

Revised the draft Request for Proposal to include more specific details on types and number of water samples required. Work was also done to develop a more detailed list of possible contaminants to test for.

Completed draft RFP and researched the best methods to advertise RFP in order to receive the best response.

**Task 5: Construction/Implementation**

A second sounding tube was installed for better access in Well 15.

**Task 6: Construction Administration/Contingency**

No work completed this reporting period.

<b>Summary Quarterly Progress Report #2</b>
<b>January 1, 2013 through September 30, 2013</b>

<b>Central Sierra Grant Administration</b>	
<b>Lead Agency: Central Sierra Resource Conservation &amp; Development</b>	<b>Report Date: November 13, 2013</b>

**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 Report #1. Three amendments were requested this reporting period.

Amendment #2: Project budgets modification request for the Pump Operation Redundancy and SCADA Improvement Project & CSA-2 Sewer System Improvements Project.

Amendment #3: Project Schedules for Pump Operation Redundancy and SCADA Improvement Project & CSA-2 Sewer System Improvements Project.

Amendment #4: Project Agency Cost Share Reallocation.

Amendment #5: will be included with this report as a request to adjust the schedules and internal budgets of the Pump Operation Redundancy and SCADA Improvement Project, the CSA-2 Sewer System Improvements Project and the Well Rehabilitation Phase 1 Project.

Following the execution of Grant Agreement No. 4600009723 minor administrative adjustments have been requested and approved. It is anticipated that during the grant cycle additional minor administrative adjustments may be needed to accommodate a variety of issues including but not limited to weather, construction schedules, personnel and school schedules.

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	26694.50	26694.50	61604.81	\$0	\$33645.19
2.	Coordinate Outreach	\$0	1503.75	1503.75	2963.75	\$0	\$7211.25
3.	Coordinate Phase 1 Inyo Mono IRWM Plan	\$0	232.50	232.50	410.00	\$0	\$7990.00
4.	Project Signage	\$0	608.15	608.15	4737.60	\$0	\$262.40

5.	Draft and Final Report					\$0	\$17700.00
	Total		29038.90	29038.90	69716.16	\$0	\$66808.84

- Budget draw down is in compliance with work plan.
- Installation of signs for SCADA and CSA-2 was performed during this reporting period and costs are included in Task #4 Project Signage.

**Task 1: Administration**

The bulk of time during the January 1, 2013 – September 30, 2013, invoicing period was spent on work in support of this task. Much of the time was spent preparing and editing Invoice #1.

Significant progress has been made to ensure all projects are successful and in compliance with work plans and schedules. Work plans, schedules and budgets received major edits to achieve conformity throughout the overall project.

The Program Office participated in conversations specific to the grant about such issues as labor compliance and CEQA. The Program Office also worked with the grantee to provide updates on the status of the Implementation grant to the Inyo-Mono IRWM Administrative Committee and Regional Water Management Group.

The time required for this task anticipated to remain high.

**Task 2: Coordinate Outreach**

Several public/media events were held during the reporting period. The first event was a site visit to the completed Coleville High School Water Project. After the project was completed, the Program Office coordinated with the Coleville project manager, the grantee, and DWR to schedule the final project inspection. The inspection was held the morning of Tuesday, March 12, 2013. Jennifer Wong from DWR’s Southern Region Office attended, as did Mark Drew and Holly Alpert from the Inyo-Mono IRWM Program Office, Bruce Woodworth of



**New building, housing ion exchange unit and storage tanks at Coleville High School.**



Grant Agreement # 4600009723

Central Sierra Resource Conservation and Development Council Inc.

Central Sierra RC&D, Dan Jenkins of the Eastern Sierra Unified School District (and the project manager) and Kent Neddenriep of R.O. Anderson Engineering (the contractor). Dan Jenkins provided a tour of the new facility and answered questions from DWR.

Following the event, a press release was drafted and distributed to local media to announce the completion of the project.

- The press release is included in appendix I: CSRC&D files on page 2 as a deliverable for task 2.



**Ion exchange unit installed to remove uranium from well water.**

Grant Agreement # 4600009723  
Central Sierra Resource Conservation and Development Council Inc.



**New storage tanks with a capacity of nearly 20,000 gallons of treated and untreated water.**



**Inyo-Mono Program Office and DWR staff next to project sign.**

Grant Agreement # 4600009723

Central Sierra Resource Conservation and Development Council Inc.

The next two events took place on the same day. Two project kick-off events were held during this reporting period. The Round Valley School project and the Hilltop Well project took place almost simultaneously as the two project proponents used the same well driller. On the morning of June 19, 2013, Program Office staff, grantee staff, DWR staff, project proponents, and other interested parties gathered first at the Round Valley Elementary School where the driller was working to complete the well. Representatives from the school and consulting engineers briefed the assembled group on the purpose of the project and its current status. The following pictures show work being done at the Round Valley School.

### **Drill rig at Round Valley School.**



**View of drill rig at Round Valley School.**





**Project proponent, grantee, DWR, and Program Office staff at Round Valley School Project.**

Immediately following the Round Valley event, staff and stakeholders traveled to the neighborhood of Swall Meadows to view the Hilltop well site. The well drilling had not yet started as they were waiting for the drillers to finish at the Round Valley school, but the project sign has been installed, and several community members showed up to learn more about the project.



**Project proponent, grantee, DWR, and Program Office staff at Hilltop Well project site.**



**Central Sierra RC&D Chair explaining project funding and administration.**

Following these events, press releases were drafted and distributed to local media outlets (three newspapers) announcing that both the Round Valley and Hilltop projects were underway.

- The press releases are included in appendix I: CSRC&D files on pages 2 - 9 as a deliverable to task 2.

Next steps in this task include a visit to the Tecopa area to partake in the third and final public meeting regarding the feasibility study; staying abreast of the current status of the Mammoth Community Water District project in order to schedule a public event during well profiling; and distributing press releases as necessary.

**Task 3: Coordinate Phase I Inyo-Mono IRWM Plan**

Early work on this task was started by the Program Office. A first step in this process is to examine the objectives and resource management strategies of the Inyo-Mono IRWM Plan and evaluate whether they are being addressed by the Round 1 Implementation projects. This early work included coordinating among Program Office staff and RWMG Members to present and discuss individual objectives at RWMG meetings.

**Task 4: Project Signage**

Photographs of installed signs will be uploaded to the GRanTS system.

Installation of project signs was done and is included in budget comments.

Grant Agreement # 4600009723

Central Sierra Resource Conservation and Development Council Inc.

**Task 5: Draft & Final Report**

No work performed this reporting period.