SHEEP CREEK WATER COMPANY REGULAR BOARD OF DIRECTORS MEETING August 13, 2020 ~ 6:30 PM SHEEP CREEK WATER COMPANY – via Zoom 4200 Sunnyslope Rd., Phelan, CA 92371

Due to the Covid-19 pandemic and required Social Distancing, The Sheep Creek Water Company Regular Board of Directors Meeting will be held via Zoom Meeting for Shareholder participation. Shareholders may access the meeting remotely with the following options.

Remote Participation Information:

Zoom https://us02web.zoom.us/j/85124871180?pwd=UTYvQzllM2ZwNVByYVVBdmRNVEtZQT09

Meeting ID: 851 2487 1180

Password: 900873

One tap mobile

16699006833,, 85124871180#

Dial-In

(669) 900-6833

Meeting ID: 851 2487 1180

Password: 900873

AGENDA

- 1) **Open Meeting-** 6:30 PM
 - a. Flag Salute
 - b. Invocation
- 2) Consent Motions
 - a. Minutes:
 - i. Regular Board of Directors Meeting-July 16, 2020
 - b. Bills:
 - i. July 16, 2020 through August 13, 2020
 - c. Managers' Report: Included in Board Packet
- 3) Open Forum/Public Comment- Under this item any member of the Board or Public may address the Board on any item relating to the company not listed on this agenda. However, the Board is prohibited under AB 240 from taking any action on an item not appearing on the agenda. Board president will call on each participant and at that time you have three (3) minutes to speak.
- 4) Old Business
 - a. System Update
 - b. Source Capacity Project Update

- c. SWRCB Updated Compliance Order NO.05-13-18R-002A1
- 5) New Business
 - a. Asset Management Plan
- 6) **Next Scheduled Meeting** a. September 17, 2020 via Zoom
- 7) Closed Session
 - a. Employee Evaluation
- 8) Adjournment

SHEEP CREEK WATER COMPANY

Regular Board of Directors Meeting
July 16, 2020 ~ 6:30pm
Sheep Creek Water Company ~ Board Room via Zoom
4200 Sunnyslope Road, Phelan, CA 92371

The Regular Board of Directors Meeting of July 16, 2020, was called to order by Board President Andy Zody. Chris Cummings led in the Pledge of Allegiance. The Invocation was led by Vice President Bob Howard. Mr. Zody reminded everyone that the meeting was being recorded for the accuracy of the meeting minutes.

Directors Present: President Andy Zody, Vice President Bob Howard and Director Luanne Uhl were present with Secretary/Treasurer Kellie Williams, and Director David Nilsen present via Zoom Meeting.

Staff Present: General Manager Chris Cummings

Guests Present: Michael Palecki of the Mountaineer Progress, George Cardenas of the Phelan Pinon Hills Community Service District, and property owner Gary Van Dam, & Shareholder Diane Hayball and Kathy Everhart were present at tonight's meeting.

Consent Motions:

Minutes: Regular Board of Directors Meeting ~ July 16, 2020

Bills: June 18, 2020 through July 16, 2020

Manager's Report: Included in Directors Packets

Bob Howard made a motion to accept the Consent Motions as presented. David Nilsen seconded the motion. Motion carried.

Open Forum/Public:

Under this item any member of the Board of Public may address the Board on any item relating to the company that is not listed on this agenda. However, the Board is prohibited under AV240 from taking any action on an item not appearing on the agenda. The Board President will call on each participant and at that time they will have three (3) minutes to speak.

Mr. Zody asked everyone present at tonight's meeting if they had anything they needed to bring to the Board. No questions or concerns were brought up at this time.

Old Business

- a.) System Update: Static water levels have had an average decrease of 0-5 feet. The water levels compared to 1 year ago are an average of 9-14 feet higher than last year. Well 5 & 8 are running daily, averaging 12 hours a day. Well 11 is averaging 10 hours per day. SCADA controls were added to well 11 allowing for remote operations of the well. Water usage is averaging 800,000 thousand gallons per day. The tunnel has slightly increased, averaging 134 GPM.
- **b.)** Source Capacity Project Update: San Bernardino County circulated the Notice of Availability/Notice of Intent to adopt a Draft Initial Study/Mitigated Negative Declaration for the 30 day review period on July 2, 2020. Following the 30 day review period, the mitigation process will begin.

The line of credit has been completed and the funds are available for the Source Capacity Project. Along with the line of credit, the Shareholder Loans have been refinanced at an interest rate of 2.4% with a 4 year term.

c.) SWRCB Updated Compliance) Order No. 05-13-18R-002A1

Directive 2.a- Financial Review- SCWC is working with Matt Miller of Silva & Silva CPA to complete a financial review of the system as required by the Updated Compliance Order. The

engagement letter should be sent by the end of the week and the financial review will begin. At this time the estimated proposal is \$5,000.

Directive 2.b- Asset Management Plan- Proposal to have the asset management plan (AMP) is on New Business.

Directive 2.c- A Financial Assessment Questionnaire was completed this week and will be submitted to the CPA and the engineer for assistance as directed by the SWRCB.

d.) Request for PPHCSD Water Service to APN# 3066-251-05 & 06

Property owner Mr. Gary Van Dam is requesting water service from Phelan Pinon Hills CSD for two parcels he owns. Mr. Van Dam is working with the PPHCSD for easement on his properties for the Civic Center Project Park Expansion. With CSD moving forward on the Civic Center, traffic is expected to increase in the area and frontage and road improvements will also be completed. CSD is requesting easements from Mr. Van Dam due to moving the road access and turnaround areas for the park and maintain access to the elementary school. With having the road access on Sheep Creek Rd, Sahara Rd will be vacated which would run through the center of the proposed park. Moving this road will eliminate possible safety issues in the proposed park location. Mr. Van Dam is requesting a Water Letter that can be provided to the county. At this time, Sheep Creek Water Company is unable to fulfill this request due to the SWRCB Moratorium on new service connections and will serve letters. Per the last meeting, concerns regarding issues with LAFCO were expressed and George with PPHCSD requested information from LAFCO regarding these concerns. The response from LAFCO stated, "There would be no issues or LAFCO involvement since Sheep Creek is within the CSD's boundaries." There is a current agreement between districts in place.

It is recommended at this time the Board of Directors consider Mr. Van Dam's request to have permission to allow PPHCSD to service the two parcels in question. By the time Mr. Van Dam is ready for water service, the moratorium may be lifted and Sheep Creek will be able to supply water service at that time.

Dave Nilsen made a motion to approve Mr. Van Dam's request as presented to go along with the Phelan Pinon Hills Civic Center Project, only if the contract with Sheep Creek Water is agreed and signed. Kellie Williams seconded the motion. Motion carried

e.) Annual Meeting: Two ideas were presented to hold the Annual Shareholders Meeting. David Nilsen moved to postpone the 2020 Annual Shareholders Meeting until further notice due to Covid-19. He suggested writing a letter to the Shareholders, to update Sheep Creek's current situation and will notify when the restrictions have been lifted. Luanne Uhl seconded the motion. Motion carried.

New Business:

a.) Asset Management Plan: The SWRCB Updated Compliance Order, requires Sheep Creek to complete an asset management plan. The AMP must include an inventory of the System's infrastructure components. It should include a description of the components' condition, age, service history, and useful life, criteria to determine when to repair, rehabilitate or replace assets. Along with a prioritization of critical assets, long term funding strategies, and a timeline delineating the schedule for the System's asset management plan. Chris has contacted a couple of engineering firms. Availability has been limited due to Covid-19. Due to the large amount of time needed to complete this complex of a plan, a proposal has been received from Engineering Resources of Southern California in the amount, not to exceed \$123,000. The engineer has given a timeline of 6 months to have the plan completed.

Chris has recommended the Board to approve the proposal from ERSC for the completion of the Asset Management Plan not to exceed \$123,000. The 2020 Operating and Holding Budget has \$25,000 available for engineering and the remainder will come out of the Capital Improvement Account.

Kellie agreed that we needed more than one bid. Chris said that he may have another bid coming in a couple of days. Kellie asked if we could go forward with our project, and in the meantime, ask for an extension of time for the Asset Management Plan. The second bid may be coming in this week. Kellie asked if we could postpone until we have heard all bids.

David Nilsen agreed that we need an extension of time until we get the other bid to compare with the current bid. This issue will be tabled now. An emergency meeting may be called after the second bid.

Next Scheduled Meeting:

August 13, 2020

Adjournment: Andy Zody move to adjourn the meeting. Luanne Uhl seconded the motion. Motion carried. The Regular Board of Directors Meeting of July 16, 2020 adjourned at 7:00 PM

Respectfully Submitted,

Kellie Williams Secretary/Treasurer Board of Directors Sheep Creek Water Company

Sheep Creek Water Company 4200 Sunnyslope Rd. P.O. Box 291820 Phelan, CA 92329-1820

Office (760) 868-3755/Fax (760) 868-2174
Email sheepcreek@verizon.net/www.sheepcreekwater.com

Regular Board of Directors Meeting – Managers Report

August 13, 2020

PRODUCTION

- > July Production- 72.422 AF- 20% increase from 2019 & 39% decrease from 2013
- ➤ July Usage- 57.894 AF sold- 4% increase from 2019 & 44% decrease from 2013

Well soundings & production for the past month:

> Static Water Levels at this time have had a minimal change.

Well 2A Compared to 1 year ago, static level is the up 13.86 feet- 344 gpm

Well 3A Compared to 1 year ago, static level is up 9.24 feet- 311 gpm

Well 4A Compared to 1 year ago, static level is up 4.62 feet- 372 gpm

Well 5 Compared to 1 year ago, static level is up 13.86 feet- 311 gpm

Well 8 Compared to 1 year ago, static level is up 9.24 feet- 348 gpm

Tunnel the Tunnel flow is currently averaging 133 gpm

- ➤ Well 2A & 4A are running an average of 12 hours
- Total Pumping capacity as of July 7, 2020 is 2,070 gpm.
- ➤ Current usage is averaging 800,000 gpd
- ➤ Allotment Tier 1 First share on account remain 750 CF/Share and Remaining shares 150 CF/Share. \$0.50 per hcf
- ➤ Allotment Tier 2 150 CF/Share all shares after Tier 1 \$3.46 per hcf
- > Tier 3 Overage- No Allotment \$6.32 per hcf

Work Completed or in Progress

- > Work orders as office requests
- ➤ Well Soundings- By-weekly
- > System Weed Abatement
- > Wells & Control Room pipework painting & maintenance- Completed
- > Concrete pads around fire hydrants- 7 completed- Project ongoing
- > 10 Meter Upgrades/ 2- Service Lines Replaced
- ➤ 2 Mainline Leaks/ 1- Service Leak
- > Compliance notification sent to the SWRCB- updated compliance order received
 - o Directive 2a- Financial Review by CPA- In progress
 - o Directive 2b- Asset Management Plan- Proposal to be approved
 - o Directive 2c- Well 11 Operational Cost- In Progress
 - o Directive 2d- Financial Assessment Questionnaire- Completed
- > Source Capacity Project-
 - CEQA Notice of Availability/Notice of Intent to adopt a Draft Initial Study/Mitigated Negative Declaration was circulated for the 30 day review period on July 2, 2020- Closed
 - o Preparing MMRP, NOD
 - o Project Line of Credit- Completed and Available
 - o Shareholder Loans Refinanced- Completed- Interest Rate of 2.40%
 - o Prepare drilling plan- In progress

SILVA&SILVA

CERTIFIED PUBLIC ACCOUNTANTS

Rudolph F. Silva, CPA Lisa D. Silva, CPA

7/29/2020

Sheep Creek Water Company P.O. Box 291820 Phelan, CA 92329-1820

Dear Board of Directors:

We are pleased to confirm our understanding of the nature and limitations of the services we are to provide for Sheep Creek Water Company located in <u>Phelan</u>, <u>California</u>.

We will apply the agreed-upon procedures which the State Water Board Directives 2A (dated March 17, 2020) requires information related to Sheep Creek Water Company's financial capacity or overall evaluation of the financial health, listed in the attached Exhibit A, to the Sheep Creek Water Company financial report ("report") of the Sheep Creek Water Company as of December 31, 2019 through 2015. This engagement is solely to assist the State Water Board in monitoring the financial condition of the Sheep Creek Water Company in accordance with the State Water Board Directives 2A. Our engagement to apply agreed-upon procedures will be conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of the procedures is solely the responsibility of the Sheep Creek Water Company. Consequently, we make no representation regarding the sufficiency of the procedures described in Exhibit A either for the purpose for which this report has been requested or for any other purpose. If, for any reason, we are unable to complete the procedures, we will describe any restrictions on the performance of the procedures in our report or will not issue a report as a result of this engagement.

Because the agreed-upon procedures listed in Exhibit A do not constitute an audit as defined under Generally Accepted Accounting Principles, we will not express an opinion on the Sheep Creek Water Company financial report or any elements, accounts, or items thereof. In addition, we have no obligation to perform any procedures beyond those listed in Exhibit A.

We will submit a report listing the procedures performed and our findings. This report is intended solely for the use of the Diocese and the Sheep Creek Water Company and should not be used by anyone other than these specified parties. Our report will contain a paragraph indicating that had we performed additional procedures under Generally Accepted Accounting Principles, other matters might have come to our attention that would have been reported to you.

You are responsible for the presentation of the Sheep Creek Water Company financial report in accordance with the Sheep Creek Water Company Financial Reporting Requirements; and for selecting the criteria and determining that such criteria are appropriate for your purposes. You are also responsible for making all management decisions and performing all management functions; for designating an individual with suitable skill, knowledge, and/or experience to oversee the services we provide; and for evaluating the adequacy and results of those services and accepting responsibility for them.

We plan to begin our procedures on approximately July 14,2020 and, unless unforeseeable problems are encountered, the engagement should be completed by August 15, 2020. At the conclusion of our engagement, we will require a representation letter from the Sheep Creek Water Company) that, among other things, will confirm the Sheep Creek Water Company management's responsibility for the presentation of the AUP Sheep Creek Water Company Financial Report.

Engagement Letter

Agreed-Upon Procedures 2020 Page Two

We estimate that our fees for these services will be \$_3,800. The fee estimate is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the engagement. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs. Our fee will be billed upon delivery of our report.

We appreciate the opportunity to assist you and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please have the responsible officer sign below and return this letter to us. If the need for additional procedures arises, our agreement with you will need to be revised. It is customary for us to enumerate these revisions in an addendum to this letter. If additional specified parties of the report are added, we will require that they acknowledge in writing their responsibility for the sufficiency of procedures.

Sincerely,

Figa D. Selve

This letter correctly sets forth the understanding of the Sheep Creek Water Company.

Signature water Company Date

SAMPLE AGREED-UPON PROCEDURES TO BE PERFORMED

We will perform the following procedures, as applicable

- 1. Overall evaluation of the financial health of the system using the past 5 years Accountant's Compilation Report Balance Sheet and Statement of Income and Expenses.
- 2. Evaluation of management and outstanding debt along with impending debt because of the order.
- 3. Evaluation of financed documentation and demonstration of how funding (new assessments) with be obtained throughout the loan terms for repayment.
- 4. Review calculations for expected increase in operational expenses for additional wells outlined in the order.
- 5. Evaluation of management and status of the System's reserve funds
- 6. Provide a summarized conclusion on the overall current and anticipated financial health

Financial Assessment Ouestionnaire for Disadvantaged Medium/Large CWS

Asset Management

- 1) Do you have as-built drawings and maps of all water system facilities showing the locations of each water source, treatment facilities, pumping plant(s), storage tanks, water mains, isolation valves, etc.? Most facilities have drawings. When were the schematic drawings and maps last updated? Drawings are typically updated when facilities are installed. Some facilities do not have drawings.
- 2) Do you have an asset inventory? Inventory available for most of the assets.
- 3) Do you evaluate assets for their condition and/or criticality of repair, rehabilitation, or replacement? No detailed evaluation. What is the date of the last evaluation? No Date
- 4) Do you have an asset management plan? Not at this time, in process. What is the date of the plan? No Date

<u>Strategic Plans</u> - <u>Master Plan</u> / <u>Capital Improvement Plan</u> / <u>Facility Replacement and Refurbishment Plan</u>

- 5) Do you have a Master Plan (MP), Capital Improvement Plan (CIP), or another strategic plan? Master Plan. What is the date of the last update? 2006
- 6) What percent of your annual budget is allocated to CIP reserve? Capital Improvement Funds are determined by a portion of Tier 3 water sales. How often is the CIP Reserve funded? Monthly. Is the annual amount funded to the CIP reserve equal to or greater than the amount of depreciation of system assets? Less.

Reserves Management

- 7) Do you maintain separate reserve funds? Yes If so, do you have the following types of reserve funds:
 - a. Debt Choose an item. What percent of your budget is deposited annually? Choose an item.
 - b. Operations Choose an item. What percent of your budget is deposited annually? Choose an item.
 - c. Emergency Choose an item. What percent of your budget is deposited annually? Choose an item.
 - d. Capital Choose an item. What percent of your budget is deposited annually? Choose an item.
 - e. 4 reserve accounts are dedicated for improvements and maintenance.
 - System Upgrade Account- \$3,750 per month transferred from monthly service charge for the use of maintenance and upgrades to the system such as but not limited to new or replacement fire hydrants, gate valves and regulator stations.

- Well Account- \$0.25 per HCF of water sold transferred monthly. Well Account is used
 for well maintenance and well rehabilitation. Replacement water funds for Mojave
 Watermaster are transferred into the Well Account. Replacement water is due to wells
 within the Mojave Water Adjudication that do not have water rights. Currently funds
 are low in this account due to being a new reserve account. Account was previously
 used for well loan repayments.
- Capital Improvement Account- \$2 per HCF of water sold in Tier 3 is transferred monthly into the Capital Improvement Account.
- Assessment Account-\$1.13 per HCF of water sold in Tier 3 is transferred monthly into the Assessment Account. The Assessment Account is used for large capital improvement projects (New Wells, New Tanks etc.). The Assessment Account is currently being used for the CoBank Loan for the Source Capacity Project.
- 8) Are there specific deposit and withdrawal policies or guidelines for the reserve accounts? Monthly Transfers are based on the water usage for the month.
- 9) Do you have mutual aid arrangements in place? Yes
 - a. Do you have a funding mechanism in place to support mutual aid requests? No

Debt Management

- 10) Do you have any outstanding private, State, or Federal loans related to the water system?

 Yes. If so, what is the date of final debt payout? 2 private loans currently being refinanced.

 Is the water system delinquent or in default on any debt(s)? No
- 11) Are all the necessary debt reserve requirements met? In process to meet reserve requirements for Source Capacity Project Loan
- 12) Is the water system utilizing long-term debt to finance operations? No, long term debt has been used to rehabilitate wells and line replacements.

Financial Budgeting

- 13) Is your drinking water system budget maintained separately from other utility or service budgets? There is one budget for the Company
- 14)Does your drinking water system prepare an annual budget document for the upcoming year's operating plan, clearly identifying the projected revenue? Budget is prepared annually to include operating expenses and projected income with projected water sales. Is this budget adopted before the beginning of the fiscal year? Budget is adopted in November/December to begin for January.

Financial Planning

- 15) Have revenues been sufficient to cover expenses for the past three years? Yes
 - a. Are total revenues sufficient to cover total expenses (including the debt payment, CIP upgrades, and the costs of emergency maintenance)? At this time, current revenue will not cover newly acquired line of credit for Source Capacity Project.
 - b. Are rates high enough to meet short term and long-term needs? Yes for short term, long term will need to be evaluated at a later date.

- c. Is there a formal growth-pays-for-growth policy and is it reflected in the rate structure? No
- d. When was the last rate increase? January 2019
- e. When were water rates last evaluated? September 2018
- 16) What percentage of customers do not pay their bill? Choose an item. Is non-payment absorbed into the budget? No payment arraignments are made with customers to pay their bills. Are there reserves maintained to make-up for customer non-payment? No unpaid accounts can be attached to the Shareholders share and will be collected when a share is sold.

Financial Accounting

- 17) Does the water system have formal accounting systems and written procedures for financial records? SCWC uses Quickbooks with additional booking completed by outside CPA who also completes tax returns, quarterly payroll returns and year end financial report.
- 18) Who records financial transactions? Accounts Payable Secretary (April Chaplin) / outside CPA Who approves financial transactions? General Manager (Chris Cummings)
- 19) How often are bank statements reconciled against the water system's accounting records?

 Monthly Who performs the reconciliation? Accounts Payable Secretary (April Chaplin) / outside CPA

Financial Reporting

20) Are financial reports/standard financial statements prepared for review by the governing board/auditor? SCWC CPA How often? Annually. Are these reports and standards routinely made available to system customers? Yes, Uploaded to SCWC Website and mailed to Shareholders with Annual Meeting Packet.

Board Memhers Training

21) Have board members received training on financial budgeting and obligations, if applicable? Board has received AB54 and AB 240 required training.

SHEEP CREEK WATER COMPANY MEMORANDUM

TO:

BOARD OF DIRECTORS

FROM:

CHRIS CUMMINGS

SUBJECT:

ASSET MANAGEMENT PLAN

DATE:

AUGUST 7, 2020

Dear Board of Directors

The updated SWRCB Compliance Order NO. 05-13-18R-002A1 included additional directives along with the needed wells for source capacity compliance. Directive 2.b of the updated compliance order requested an Asset Management Plan be completed by the system. The AMP must include an inventory of the System's infrastructure components, a description of the components' condition, age, service history, and useful life, criteria to determine when to repair, rehabilitate or replace assets, a prioritization of critical assets, long term funding strategies, and a timeline delineating the schedule for the System's asset management plan. Included will be engineering cost for replacement alongside the cost of using Sheep Creek resources. The scope of work will be rather large due to limited reports, maps/drawings, and records that are available and needed to complete the plan. Once the plan is complete, this will be an excellent resource for Sheep Creek moving forward with needed maintenance and replacement in the future.

Proposals have been received from two engineering firms to complete an asset management plan. The time frame to complete the AMP is between 5-6 months. The proposals are as follows:

- 1.) Engineering Resources of Southern California- amount not to exceed \$102,225 and will be billed on a "Time and Material". ERSC has given a timeline of 6 months to have the plan completed.
- 2.) Infrastructure Engineering Corporation- amount not to exceed \$49,700 and will be billed on a "Time and Material". IEC has given a timeline of 5 months to have the plan completed.

It is recommended that the Board approve the proposal from IEC for the completion of the Asset Management Plan. The 2020 SCWC Operating Budget has \$25,000 available for engineering and the remainder will come out of the Capital Improvement Account.

Thank you,

Chris Cummings General Manager

Sheep Creek Water Company



Proposal to Provide an Asset Management Plan

Submitted: August 4, 2020



August 4, 2020

Chris Cummings General Manager Sheep Creek Water Company 4200 Sunnyslope Rd. Phelan CA, 92329

Re: Asset Management Plan

Dear Mr. Cummings,

Engineering Resources of Southern California, Inc. (ERSC) is pleased to offer the following proposal for professional engineering services related to the development of an asset management plan for the Water Company. The content of this proposal is based on recent conversations with the Water Company staff and research conduct by ERSC's team members.

Project Understanding

Sheep Creek Water Company received a compliance order No. 05_13_18R_002A1 on March 17, 2020 for source capacity violation. The systems highest 10-year maximum daily demand (MDD) is 1,970,000 gallons per day and currently the system can only produce a combined source flow of 1,080,000 gallons per day resulting in a potential shortage of 890,000 gallons per day. On January 14, 2019 a feasibility report was prepared addressing the water source capacity issues which included an assessment of consolidation with a nearby public water system. The water company can either maintain the system as an independent water purveyor by drilling and operating additional water supply wells or have the system consolidated with Phelan Pinon Hills Community Services District. The Water Company's General Manager and board of directors would prefer to maintain the system as an independent water purveyor by drilling and operating additional water supply wells to meet MDD requirements. To ensure that the water supplied by the System is at all times reliable and adequate the State Water Resources Control Board Division of Drinking Water (Division) has directed the Water Company to prepare an asset management plan showing the financial health of the system and operational costs.

ERSC will provide the engineering-related tasks and team with NBS to provide the financial components for preparing the asset management plan. The financial component of this asset management plan will be a "financial" analysis, as opposed to an "economic" analysis and, therefore, cost projections will include inflation and costs will be stated in inflation-adjusted dollars. The intent is to have planning-level costs of ± 30-percent accuracy. Also, costs will be presented under two alternatives: (1) costs with Company-provided labor and supervision, and (2) costs with contracted (outside) work.

Scope of Work/Study Tasks

Based on our current understanding, ERSC anticipates providing the following services.

Task 1 – Data Collection and Asset Inventory: Collect and evaluate asset-related data necessary to categorize and tabulate asset information to obtain an inventory of the Water Company's assets. ERSC will review all information provided by the Water Company, tabulate the information, and then determine what additional information needs to be collected.

- As needed telephone conference with the Water Company to discuss system operation, types of assets, known condition of assets, current obstacles, system failures or deficiencies, system goals, and finances.
- Receive, organize, and tabulate information received from the Water Company to Prepare Asset



Inventory Lists for the Water Company's infrastructure and Physical assets, such as:

- Asset Classes/Types: Pumps, Wells, Water Tanks, Pipelines, Valves, Facilities, Generators, Equipment, Vehicles, Other Buildings, Heavy Equipment, and Misc. Administrative Office Equipment (not addressing financial related assets).
- Original Construction Date expected useful lives, accumulated depreciation, rehabilitation or replacement costs.
- Identify gaps in data.
- Recommend a strategy to obtain missing information.
- Work with Water Company personnel to determine optimal method(s) to add any missing asset subcategories.
- Recommend how asset inventory is to be reported out and tailor to Water Company needs and expectations.

Task 2 – Condition Assessment: ERSC will perform an external field evaluation of the Water Company's infrastructure to obtain information not received in Task 1 and evaluate the condition of the existing assets to determine the remaining life.

- Review existing Water Company collected condition assessment data and reports.
- Determine asset assessment methodology for each System.
- Develop a plan for obtaining necessary condition assessment data for the implementation of this project.
 - · Prioritize areas for condition rating as a part of this project.
 - Recommend schedule for obtaining field determined condition assessment for the remaining areas in the System.
 - Assign condition assessment for remaining areas of the System.
 - Provide guidance, evaluation criteria, and integration strategy to assess asset failure risk, rehabilitation life cycle, and replacement as part of the overall asset management plan.
- Perform a visual exterior inspection and photograph the Water Company company's above grade accessible assets, including but not limited to, storage tanks, wells, pump houses, hydrants, valves, PRV's, buildings, equipment, rolling stock, and general/misc.
- If determined necessary, Assist the Water Company with procurement of contractor or engineering firms for specialized inspection/evaluations.
- Assess and estimate land use needs from adopted zonings based upon San Bernardino County General Plan.

Task 3 – Determine Target Levels of Service for Asset System: Based on the field evaluations and data received from the Water Company, ERSC will evaluate what the system is actually producing verses what the system is capable of producing and compare to the State and Federal Regulatory Requirements. If there are any short falls determine what is required to make up the difference.

- Evaluate the required Levels of Service per all State and Federal Regulatory requirements.
- Perform Gap Analysis between target Level of Service and current system performance.
- Compare with current Water Supply Assessments and past predictions.

Task 4 – Determine Criticality of System's Assets (Risk of Failure): Determine the rating of how critical each asset is to the water service the Company provides. ERSC will evaluate the system as a whole and work with the Water Company to determine the consequences if areas of the system were to fail, how the failure would affect the rest of the system, how quickly the system could be repaired, and



the costs to repair the system.

- Establish criteria for determining probability and consequence of failure.
- · Determine probability for failure for each asset.
- · Determine the consequence of failure for each asset.
- Calculate critical rating for each asset.
- · Prepare recommendations for operations methodology and monitoring.

Task 5 – Projection of Replacement/Rehabilitation Costs: Asset data and costs will be used to project the future asset replacement and/or rehabilitation costs. These estimates will categorize assets by type and costs, along with the priority (or critically) placed on each asset as determined in Task 4. ERSC will document the industry standards used as the basis of remaining life of assets.

- Review and analyze all available historic financial data regarding life cycle costs of System's assets, including the normal expected replacement date based on industry standards and an assumed replacement criteria. For example, a "run until failure" may be assumed for some assets because of their low criticality to the rest of the system, while other assets with higher criticality factors may be planned for rehabilitation or replacements at 80% of their useful life.
- Analyze data gathered in condition assessment as it relates to projected fiscal needs for the Water Company.
- Prepare cost estimates for the current assets and additional assets required to meet MDD. This may
 include scheduled replacement/rehabilitation of critical assets (pumps, wells, storage) that will play
 an essential role in meeting future MDD.
- Summarizes of asset costs by type/category. These will be Excel-based tables of assets by type, date, costs, expected replacement dates, etc.
- Projected annual costs assuming normal replacement/rehabilitation cycles.
- Perform gap analysis between projected revenue system needs. The gap analysis shows the relationship between the planned expenditures and available reserves and identifies projected shortfalls so that appropriate plans for additional revenues can be developed.
- Based on those projections, determine the optimal mix of spending on prioritization of operations and preventative maintenance, repair, refurbishment, replacement, and system expansion projects.

Task 6 – Evaluate Rehabilitation/Replacement Plans and Alternatives: The goal is to develop a master maintenance plan for the system by prioritizing each asset along with the cost so the Water Company can plan for the future repairs/replacements. This incorporates the findings of Task 4 and Task 5, and documents industry standards used as the basis of remaining life of assets.

Prepare projected annual costs under a base-case scenario and two additional alternatives. The purpose of these alternatives will be to address:

- A timing of and a priority plan for completing the most critical assets first.
- Various combinations of asset rehabilitation/replacement schedules that delay various projects based on rated criticality, annual costs, and available funding. This will reflect the funding gaps developed in Task 5; if significant funding gaps exist, one alternative might place a greater priority for minimizing the need to increase revenues (rate increases) by delaying non-critical replacements/rehabilitation projects.
- The two additional alternatives may also reflect, a percentage of the funding identified in the base case, such as a 75% of base case and 50% of base case.

Task 7 – Prepare Funding Analysis for Alternatives: Prepare funding plans for the base case and two alternatives developed in Task 6. This analysis of funding options differs from an attempt to actually



secure funding or apply for grants/loans, etc. That is, it would primarily evaluate the feasibility of, and identify the most favorable funding mechanisms, that the Water Company should pursue. We note that some smaller agencies feel that pursuing State and Federal grants or loans, like the State Revolving Fund (SRF) loans are too time-consuming compared to the benefits they offer. Other agencies are willing to endure the long application process and waiting period to get this type of funding. The decision is usually based on the Board's assessment of the cost-benefits of government program funding.

- Utilizing a combination of funding sources identified by the Water Company to prepare funding for the base case and each alternative identified in Task 6. Potential sources of additional/future funding may include increases in:
 - Water rates
 - Assessments
 - Base charges
 - Private debt
 - · Revenue from new connections
- We will rely on the Company to establish their priorities for each funding source based on the total annual funding needed. In other words, NBS will provide the total annual costs by alternative and the Company will assist in prioritizing the percent of funding from each funding source.

Task 8 – Generate Asset Management Report

- Synthesize all of the material in the previous tasks into a comprehensive Asset Management Plan.
 - The plan will include a concise executive summary that tells the story in a way that is understandable to the community, board, and decision makers.
- The plan will include creation of Standard Operating Procedures for each asset that are readily understandable to personnel who implement the procedures.
 - · Procedure will include:
 - Ongoing operations and maintenance protocols.
 - Ongoing update criticality ratings.
 - Ongoing data management and collection.
 - Ongoing CIP programing.
 - Ongoing Financial analyses.

Task 9 – Meetings: We proposed a series of conference calls with the Water Company and ERSC's team to review initial results and findings, solicit input, and prepare final work products. At the Company's discretion, an optional public meeting could be added to present the findings at a public meeting. ERSC's team will attend up to five (5) conference call meetings to provide overview of this analysis and answer questions. Additional meetings can be provided if requested but are not included in the proposed study budget.

Task 10 – Formalize Optimal Operations and Maintenance (O&M) Program (Optional)

- Assemble, review, and document existing O&M procedures used for the system.
- Recommend revisions and additions to the existing procedures to maximize the life of the System's assets, and contribute to achieving the desired Level of Effort.
 - · Recommendations will include alternative methods for maintenance.
 - Recommendations will address optimal methods for field data capture.
- Set up decision making trees to determine whether to maintain and repair, refurbish, or replace each asset
- Perform Gap analysis between existing resources (including equipment, staffing, and materials) and



those necessary for optimizing O&M.

Develop an overall O&M Program that strives for the lowest average life-cycle cost.

Task 11 – Asset Management Software selection and Implementation (Optional)

- Research and recommend software compatible with the Water Company's system.
 - Preferable software to work with other City Management efforts.
 - Software with capabilities to readily create Water Company desired reports.
 - Decision making capabilities to assist in Gap Analyses throughout the project.
 - Decision making capability for balancing system recommendations and available resources.
 - · Capable of assisting in long-term financial planning.
- ERSC will purchase City-approved software.
 - A lump sum of \$100,000 for software (purchase only) is included in the cost proposal.
- ERSC will utilize the software throughout the project.
- ERSC will transfer the license and fully-loaded data vehicle to the Water Company upon completion of the project.
- Training of Water Company Staff (up to 8 staff) for software use and maintenance is included.

Project Schedule: ERSC would like to begin this analysis expeditiously as demonstrated in the attached project schedule. Our initial estimate for a timeline is roughly six months to complete this asset management plan. The timeline will depend on the accuracy of the information provided and if additional specialty research will be required gather information. The following is the estimate fees for the project and does not include additional special studies that may be required for condition assessment, soil testing or multiple revision of the analysis if the information needs to be updated after the initial analysis.

Estimated Fees: In general, the nature of work outlined above lends itself to work on a time and materials basis. Based on the limited information provided the hours estimated for this project are based on a worst-case scenario basis. If the Water Company has staff resources to handle some of the above noted tasks, ERSC can reduce their hours accordingly. The Water Company would assume liability for the data and work product they produce. The fee schedule is broken down into the level of effort anticipated by each classification for each task identified above. ERSC will bill monthly only for the hours used for each task item and ERSC will not exceed the maximum hours indicated in each task without prior written authorization from the Water Company.

Miles will be charged when the Engineers make field visit to determine the condition of the Water Company's assets and for attending meetings in person with the Water Company. The mileage will begin at ERSC's Redlands office. A Schedule of Hourly Rates has been attached that will provide the basis for time and materials work and the fees and charges associated with items of work assigned on a task-bytask basis.

Thank you of the opportunity to serve the Water Company. ERSC proposal and pricing will be valid for 180 days from the date received. If you have any questions regarding this proposal, please contact us at (909) 890-1255.

Respectfully,

Joanna Rembis, PE Principal Engineer John M. Brudin, PE

President

Erik Howard, PE | Sr. Principal Engineer

Erik Howard has 29 years of complex project surveying, engineering and management experience in water, wastewater, and civil engineering including below ground waterlines, welded steel reservoirs, well and booster pumping plants, groundwater recharge facilities, and street improvements including records searches, surveying, utility verification, design, review, preparation of contract documents (construction drawings and specifications), and construction observation (inspection).

His civil engineering portfolio includes site design and access roadway design for various water, wastewater, and civil projects including site selection and evaluation, hydrology studies, determination of grading requirements, piping layout, utility relocation, and cost estimates. His professional surveying portfolio includes preparation of records-of-survey, legal descriptions, conveyance documents, topographic surveying, construction staking, boundary surveying, and monumentation. He has also performed contract administration and construction management for various projects, as well as provided expert witness services, legal testimony, and assisted in forensic studies on an as-needed basis.

His most recent projects include serving as program manager, project manager, surveyor and engineer for portions of the County of San Bernardino – Special Districts Department Lake Gregory Dam Rehabilitation Project, San Gorgonio Pass Water Agency Groundwater Recharge Facilities (State Aqueduct Turnouts and Pipelines), Eastern Municipal Water District Quail Valley Sewer Conversion Project, and County of San Bernardino Regional Parks Department Horseshoe Lake Restoration and Levee Repair Project.

Joanna Rembis, PE | Principal Engineer

Ms. Rembis has more than 20 years' experience in the field of Project Engineering/Project Management, Field Inspection and Customer Support - 12 of which she spent as a Project Manager. Her experience includes preparing specifications, plans, and bid packages for rehabilitation and design of new tank projects. Ms. Rembis can also assist in generating and editing technical reports and photo surveys and provides quality control inspection and construction management services for various projects including water tanks, pipelines, and cathodic protection.

She developed the specifications and plans for the rehabilitation of over 500 welded steel, bolted steel, and concrete reservoirs and for the construction of 20 plus new welded steel and bolted steel tanks. Technical specifications have included earthwork, masonry, concrete, rebar, tank construction, Cal/OSHA safety, coatings, piping, valves, cathodic protection, electrical, and roofing.

She prepared and provided cost estimates to clients for new projects. Conducted QA/QC for the projects and reviewed all major deliverables before delivered to clients. Maintained regular communication with clients to ensure compliance with the established project goals and execution.

Robert Righetti | Principal Engineer

Over the past 45 years, Mr. Righetti has provided municipal engineering and survey/mapping/easement and plan check and development review services to a number of cities in Southern California. During that time, he spent a combined 35 years as a Development Services Engineer for the Department of Public Works and Engineering for the City of Huntington Beach, as well as personally working on a contract basis with the cities of Garden Grove, Tustin, Yorba Linda, Moreno Valley, San Bernardino, Rancho Mirage, La Mirada, La Quinta, Palm Desert, Palm Springs, Indio and Eastern Municipal Water District. Mr. Righetti's typical duties have included, but were not limited to, the following:

- Directed project teams in providing review and impact mitigation conditioning of all land development cases.
- Handled capital project administration and project management.



Project Team - ERSC

- Managed and prepared the documentation and processing of right-of-way and specialized easements for the construction of public infrastructure
- Conducted traffic study review and approval.
- Prepared staff reports to the Planning Commission and City Council.
- Prepared departmental budget projections, capital improvement program plans, development agreements, inter-agency memorandums of understanding, grant applications, and contract bid packages.
- Handled public agency liaison, citizen complaints and community coordination.
- Directed teams for plan check processing and construction field review.
- Performed on-call plan check, constructability review and project management for all cities he has worked in.
- Reviewed maps, legal descriptions and plats for technical accuracy and conformance with the Subdivision Map Act for many of the cities where he has worked.
- Prepared department policy documents, practice manuals, design standards, checklists and handouts for the public counter of the City's Engineering and Public Works Department including checklists and criteria for Water Quality Management Plans and Storm Water Pollution Prevention Plans (SWPPP's).
- Provided City services to assist with plan review, design of public works projects, review of specific plans and related environmental documents, management of Capital Improvement Programs (CIP), review of traffic plans and studies, and review and inspection of landscape drawings.
- Provided Constructability review, value engineering and construction management services for numerous cities in southern California.
- Worked as a key member of the Project Development Team for a number of alignment and realignment planning and construction packages in Riverside, Orange, Los Angeles and San Bernardino County.
- Provided peer review and project administration for Community Facilities Districts and other types of special districts and funding plans in many of the cities for which he has worked.

John G. Egan, PE | Sr. Principal Engineer

In a lengthy career of over 50 years, Mr. Egan has been extensively engaged in the execution and/or project management for the planning and design of municipal and utility/special district service facilities. Completed projects include water and wastewater master plans, rate analyses, transportation, drainage, and pedestrian access features, and water supply and wastewater management facilities. Representative are street, sidewalk and pavement rehabilitation projects for the Cities of Highland, San Bernardino, Loma Linda, Jurupa Valley and Cathedral City. Completed design for water supply features include well construction and equipping, booster pumping stations, pipelines, storage and treatment for the 29 Palms, Apple Valley Heights, Arrowbear Park, Eastern Municipal, Idyllwild, Pine Cove and Hi-Desert Water Districts, and for the Western Heights and Riverside Highland Water Companies.



Project Team - NBS

Greg Clumpner | NBS Team Leader

Greg Clumpner joined NBS nine years ago as the director of NBS' Utility Rate Practice. His 35-year professional career has focused on cost-of-service rate studies for municipal water, sewer, and solid waste agencies. He has given many technical presentations at industry conferences and published a number of utility rate-related articles in the Journal of AWWA. Greg's experience also includes preparing bond feasibility studies, valuations, and litigation support. Prior to joining NBS, he created and managed Foresight Consulting for six years, where his practice focused on water, sewer and solid waste rate analyses. He has completed 400+ similar studies during his career and, because of his work with Prop 218 legal experts on an on-going basis, he knows when to solicit legal advice to ensure rates meet legal requirements.

Jordan Taylor | Consultant

Jordan has a Bachelor of Science degree in Chemistry and a Master's Degree in Business Administration with an emphasis in Finance and offers more than 10 years of accounting experience along with extensive knowledge of financial analysis and budget planning.

Alice Bou | Consultant

Alice has a Bachelor of Art degree in Literature and 20 years of financial, accounting, and risk management experience in private industry.



Firm Experience

VARIOUS ASSIGNMENTS, RIVERSIDE HIGHLAND WATER COMPANY

ERSC staff has completed a number of assignments for the Riverside Highland Water Company (RHWC) concerning financial strategies, facility assessments, planning and design. RHWC service area includes the City of Grand Terrace, a small portion of the City of



Don Hough, General Manager (909) 825-4128 dhough@rhwco.com

Colton and portions of San Bernardino and neighboring Riverside County, approximately 4,000 customers.

Work completed by ERSC, most in recent years, includes:

- Review of probable development, needed capital project asset additions and recommendations for adjustment in capacity charge connection fees.
- Blending evaluation, involving determination of asset expansion and/or use reallocation for mixing of low-nitrate water sources with higher-nitrate sources, as an alternative to treatment plant installation.
- Review and analysis of planned/budgeted operational, treatment, SWP water purchases, and capital
 project expenditures for impact upon proposed rate increase for five-year forecast.
- Analysis of proposed rate surcharge increase to provide financial resources for required asset additions.
- Wells discharge and routing strategy analysis to effect lower nitrate concentration of blended water.
- Review/analysis of proposed stock sale.
- Water Supply Assessment for proposed development project-The Gateway Project.
- Research/review of easements for Company pipelines and access.
- Design of numerous pipeline projects, 8" to 24" in diameter, including crossing of Interstate 215 at Barton Road.

DISTRICT ENGINEER, PINE COVE WATER DISTRICT, PINE COVE, CA

ERSC. Inc. has served for the past 15 years under a contract with the District to perform on-call engineering consultation services. Services have included Master Planning, infrastructure modeling, civil engineering design for water mains, above ground reservoirs and



Jerry Holldber, General Manager (951) 659-2675

tanks, water supply assessment and more. Work has also included working with District staff to develop asset management reports for the District Board to evaluate current and future needs, cost-benefit analysis and service life evaluations.

GENERAL ENGINEERING, WATER ENGINEERING, DEVELOPMENT PLAN CHECK AND CONSTRUCTION SERVICES, CITY OF GARDEN GROVE

Under a broad municipal services contract with the City of Garden Grove since 2005, ERSC provides a broad range of engineering services for the City of Garden Grove Engineering Division, Water Division and Community Development Division on an on-call



basis. ERSC provides temporary staffing and support for land use and private/public infrastructure improvements, including planning, plan check services, construction management, and inspection services and other duties as requested. The City of Garden Grove operates and owns its own water and sewer city-wide system.

Services have included assisting city staff to augment resources for all City infrastructure projects, including but not limited to:



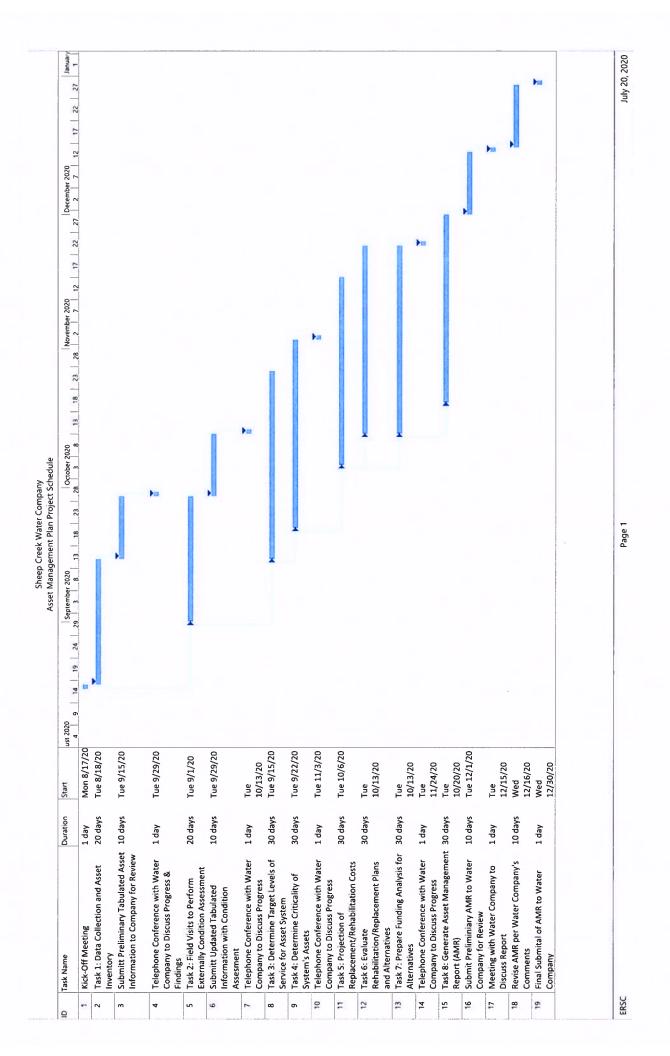
Firm Experience

- Master Planning analysis/Asset analysis, management review and reporting
- Model review evaluation and review for public infrastructure
- Tract and Parcel Maps review
- WQMP and Water Quality Assessment and review
- · Street and public infrastructure Improvements inspection and review
- Right-of-Way analysis and acquisition
- Review of Environmental Documentation for CEQA/NEPA
- CC&R Review
- · Hydrology and Water masterplan review
- Storm Drain masterplan review

Construction management and inspection services include coordination of CIP projects awarded to contractors for compliance with plans and specifications; review of monthly progress pay estimates for compliance with specifications and provide monthly payment recommendations; monitor contractor's progress to ensure project schedules are met; assist and advise District staff with post-construction activities; review, assess and manage claims submitted by contractors.

Additional services have also included grant application preparation, engineering reports for grants, the management of projects that require special reporting to state or federal agencies to assure compliance with loan or grant conditions.





				SHEEP CREEK ASSET MAN ERSC, Inc Fe	SHEEP CREEK WATER COMPANY ASSET MANAGEMENT PLAN ERSC, Inc Fee Estimate Schedule	N.				·		
TASK	DESCRIPTION	Senior Principal Engineer, QA/QC Erik Howard, P.E.	Principal Engineer/Project Manager - Manag Rembis, PE,	1990rign3 leqioni19 Justsi22A	Engineer V, Reza Toorzani, P.E.	Design Engineer I, Stephania Hernandez	Jnoqqu2 əviJe1JsinimbA	1986 Project Manager	NBS Jordan Taylor Alice Bou	esewato2 pnimespos9	ERSC SUBTOTAL	
		\$205	\$195	\$165	\$150	\$105	29 \$	\$285	\$195			Γ
The second second												
Task 1	Data Collection and Asset Inventory		4	14		24	4	10	10		\$ 10,678.00	78.00
Task 2	Condition Assessment	16	16	124		100	3				\$ 37,561.00	51.00
Task 3	Determine Target Level of Service for Asset System	9	2	10								20.00
Task 4	Determine Criticality of System's Assets (Risk of Failure)	9	2	10	9	20						20.00
Task 5	Projection of Replacement/Rehabilitation	4	4	8		8		12	18		\$ 10,690.00	90.00
Task 6	Evaluate Rehabilitaiton/Replacement Plans and Alternatives	2	2	8		9		16	20			10.00
Task 7	Prepare Funding Analysis for Alternatives	2	2	9				12	12			20.00
Task 8	Generate Asset Management Report	9	4	50	4	12	®	9	4		\$ 10,196.00	96.00
Task 9	Meetings		5					25			\$ 2,400.00	00.00
SUBTOTAL (TASKS 1 through 9)		\$ 8,610.00	\$ 7,995.00	00 \$ 33,000.00	00.002,1 \$ 00	17,850.00	\$ 1,005.00	\$ 17,385.00	\$ 12,480.00	·	\$ 99,825.00	5.00
OPTIONAL TASKS	S											
Task 10	Formalize Optimal Operations and Maintenance (O&M) Progra	12	4	36	4	24	2				\$ 12,635.00	35.00
Task 11	Asset Management Software Selection and Implementation	12	4	20		40				\$ 100,000.00	\$ 110,740.00	40.00
SUBTOTAL (Option	SUBTOTAL (Optional TASKS 10 and 11)	\$ 4,920.00	\$ 1,560.00	00 \$ 9,240.00	00:009 \$ 00:00	\$ 6,720.00	\$ 335.00	•	•	\$ 100,000.00	\$ 123,375.00	5.00
REIMBURSIBLE EXPENSES	EXPENSES											
Reimbursible Ext	Reimbursible Expense Est: Plottting, Repro, Milegage, Shipping										\$ 2,400.00	0.00
TOTAL Base Fe	TOTAL Base Fee (Not to Exceed)										\$ 102,225.00	00
TOTAL Base Fe	TOTAL Base Fee With Optional Items										\$ 225,600.00	8

Engineering Resources of Southern California, Inc. | Schedule of Rates 2020

Professional Staff

President	.\$240.00
Vice President	. \$215.00
Sr. Principal Engineer	. \$205.00
Principal Engineer	.\$195.00
Assistant Principal Engineer	.\$165.00
Engineer V	.\$150.00
Engineer IV	.\$135.00
Engineer III	.\$120.00
Engineer II	.\$105.00
Engineer I	\$95.00

Engineering Staff

Senior Engineering Associate\$160.00
Engineering Associate V/ \$120.00
Engineering Associate V\$130.00
Engineering Associate IV\$115.00
Engineering Associate III\$105.00
Engineering Associate II\$95.00
Engineering Associate I\$85.00
Engineering Aide II\$45.00
Engineering Aide I\$40.00

Survey Staff and Services

Principal Surveyor	\$185.00
Senior Surveyor	\$150.00
2-Man Survey Crew	
(Std Equipment/Truck)	\$290.00
1-Man Survey Crew	
(Std Equipment/Truck)	\$220.00
3rd Man on Survey Crew	\$120.00

Construction Support Staff

Construction Manager	\$160.00
Resident Engineer	\$150.00
Owner's Representative	\$160.00
Sr. Construction Inspector	\$120.00
Construction Inspector	\$115.00
Inspector Overtime (Hours 8-12)	\$156.00
Inspector Overtime (Hours 12+)	\$194.00

Administrative Staff

Operations Specialist	\$75.00
Administrative Assistant I	
Administrative Assistant II	\$67.00

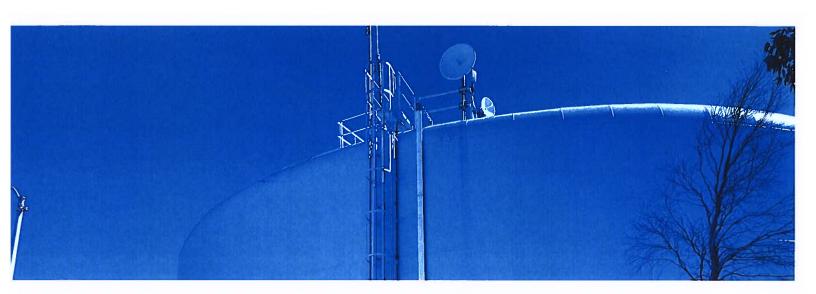
Other Direct Expenses

Vehicle Mileage	\$0.70/Mile
	Cost + 20%
Reimbursable Expenses/	Charges Cost + 15%
Forensic Analysis	Standard Rate X 2
Expert Witness	Standard Rate X 3

NOTE: All rates are subject to change to reflect annual inflation and cost of living adjustments. Prevailing Wage Rates are dictated by the California Department of Industrial Relations (CADIR). All above classifications which are subject to Prevailing Wage Rates will be adjusted as revised rates are published by the CADIR.

Unless otherwise established by contractual agreement, payment is due any payable upon receipt. Payment is considered delinquent if not paid within 30 days of invoice date. If payment is not completed within agreed terms, Client agrees to pay a service charge on the amount past due at the rate of 11/2% per month (18% per annum).









August 7, 2020

Chris Cummings, General Manager Sheep Creek Water Company 4200 Sunnyslope Rd Phelan, CA 92371

Subject:

Proposal to Provide Sheep Creek Water Company (SCWC)
Engineering Services to Develop an Asset Management Plan

Dear Mr. Cummings:

Infrastructure Engineering Corporation (IEC) is pleased to submit our proposal to provide services to prepare an Asset Management Plan for the Sheep Creek Water Company (SCWC). This request comes in response to a request by the State Water Resources Control Board (SWRCB), dated March 17, 2020 for the development of an Asset Management Plan (AMP).

Our scope of work is attached as Exhibit "A" describing Tasks 1 through 4 and deliverables. Our scope includes items required by the SWRCB and educating the SCWC Board of Directors and staff towards implementation and acceptance.

Our schedule is attached as Exhibit "B" and considers review time for both SCWC and DDW to ensure acceptance of the final AMP. We anticipate completing the AMP within 5 months.

A tabular summary of the proposed work tasks, level of effort, and fee is shown below. We propose to complete the work on a time and materials, not-to-exceed (NTE) basis with monthly progress invoices.

Task Number	Staff Title Rate	Principal QA/QC \$260.00	Project Manager \$225.00	Engineer II \$150.00	Engineering Intern \$85.00	Word Processor \$100.00	Subtask Labor- Hours	Subtask Labor Cost	Direct Cost	Subtotal Cost
Task 1		4	12	24		1	41	\$7,400		\$7,400
Task 2		4	36	48	24	1	113	\$18,500	\$200	\$18,700
Task 3		4	36	48	24	1	113	\$18,500	\$200	\$18,700
Task 4		8	12			1	21	\$4,900		\$4,900
Task Su	btotal - Hours	20	96	120	48	4	288	$>\!<$	$>\!\!<$	\sim
Task Su	ibtotal - Costs	\$5,200	\$21,600	\$18,000	\$4,080	\$400		\$49,300	\$400	\$49,700

We sincerely appreciate the opportunity to provide these services. If you have any questions, please don't hesitate to contact me at (661) 529-2190 extension 101.

Sincerely,

Dolores Salgado, PE Senior Project Manager

EXHIBIT "A" SHEEP CREEK WATER COMPANY ASSET MANAGEMENT PLAN SCOPE OF WORK

TASK 1 - Information Gathering

IEC will hold a kick-off meeting with SCWC to establish the goals, needs, and desires of the Asset Management Implementation Plan, confirm project objectives, discuss approach and criteria, establish lines of communication, and discuss data availability. In addition, we will decide on a mutually agreeable digital deliverable format for ease of use throughout this project. IEC will prepare meeting agendas and minutes for all meetings.

A review will be conducted of previous reports by the SCWC, California Rural Water Association and/or consultants related to their water infrastructure. In addition to the kick-off meeting, IEC will meet with SCWC two (2) additional times to review existing information and procedures that are in place that are necessary to support the development of the Asset Management Plan. IEC will determine how information is collected and stored to help determine the current baseline to support development of the asset management program. IEC evaluation will include, but may not be limited to, the following:

- GIS data
- Water quality monitoring and testing results
- Maintenance and Operations records
- Work Orders and Repair History
- Production and Billing Records
- Supervisory Control and Data Acquisition (SCADA) system
- Previously developed CIP programs

IEC does not anticipate performing a detailed analysis of the information available under this task, but rather just determine what procedures and information is currently available and in what format to support developing an implementation approach.

A data/document inventory will be maintained that lists the data/documents received from the SCWC, the date received, and if the data needs to be returned to the SCWC. This inventory will be updated as new information is received and supplied to the SCWC at status meetings.

DELIVERABLES:

- ✓ Data/Document Inventory
- ✓ Agenda and Minutes for kick-off meeting and two (2) additional information gathering meetings

TASK 2 - Asset Management Vision/Philosophy

After reviewing all available data sources and formats, IEC will hold a workshop with SCWC to determine the ultimate goals and outcomes desired from the Asset management Program. In this workshop, IEC will provide examples from other water companies to show the range of approaches that are being implemented by similar sized utilities. In order to facilitate discussion, IEC will prepare a set of preliminary, customized goals and outcomes for the SCWC prior to the workshop, which will include, but may not be limited to:

Development of a predictive failure model for infrastructure

Sheep Creek Water Company Asset Management Plan Scope of Work Page 2 of 3

- Levels of Service (LOS) required for the water systems
- Regulatory Compliance
- Budget/Financial Goals/Long-term Funding Strategies
- Life-cycle of the Asset Management Plan
- Facility Monitoring Goals and Objectives
- Rehabilitation versus Replacement Objectives

From this workshop, IEC will develop an overall philosophy and approach, which will become the basis for implementing an Asset Management program. IEC will prepare the draft Asset Management Philosophy and Approach Technical Memorandum and submit an electronic copy to the SCWC for review and comment. Once the SCWC has accepted the philosophy and approach presented in the draft Asset Management Philosophy and Approach Technical Memorandum, IEC will develop specific strategies and options for an asset management program at the SCWC. The specific approach will include a gap analysis which includes the availability and format of each data source, and clearly indicates that the proposed data sources have already been collected by the SCWC.

IEC shall prepare a power point presentation summarizing the specific strategies and approach and schedule a workshop with the SCWC to facilitate review. IEC will incorporate SCWC comments and shall, within two (2) weeks of receipt, submit a final electronic copy of the Asset Management Philosophy and Approach Technical Memorandum to the SCWC.

DELIVERABLES:

- ✓ Asset Management Philosophy and Approach Technical Memorandum
- ✓ Agenda and Minutes for two (2) Philosophy and Approach workshops

TASK 3 - Implementation Plan and Board Presentation

Once the Asset Management Philosophy and Approach Technical Memorandum has been finalized, IEC will assist the SCWC in developing an overall Asset Management implementation plan, including a schedule and estimated probable costs. Estimates of probable capital costs provided will represent Order of Magnitude level costs as established by the American Association of Cost Engineers (AACE) and represent an accuracy of +50% to -30%.

The plan will help the SCWC identify how existing staff could be used to help support the effort along with outside expertise and help prioritize current data management/development efforts. IEC will prioritize the activities and provide a fully defined, sequential plan that will allow the SCWC to implement the proposed asset management program for managing its water infrastructure, based on resource and budget constraints and information that will be readily available. At a minimum, the Asset Management Plan will provide an approach for the SCWC to be able to estimate future infrastructure replacement and monitoring costs.

IEC shall prepare a power point presentation summarizing the implementation plan and schedule a workshop with the SCWC to facilitate review. IEC will incorporate SCWC comments from the workshop, and submit a draft electronic copy of the Asset Management Implementation Plan to the SCWC for review and comment. IEC will incorporate SCWC comments and shall, within two (2) weeks of receipt, submit five (5) final hard copies and one (1) final electronic copy of the Asset Management Implementation Plan to the SCWC.

Sheep Creek Water Company Asset Management Plan Scope of Work Page 3 of 3

IEC will prepare a presentation for the Board of Directors to outline the implementation plan and overall benefits to the SCWC.

DELIVERABLES:

- ✓ Asset Management Implementation Plan
- ✓ Agenda and Minutes for Asset Management Implementation Plan workshop
- ✓ Asset Management Implementation Plan Presentation for Board of Directors

TASK 4 - Project Management and Administration

IEC will include the use of management control tools and emphasize client communication. Prior to the implementation of the project, IEC will develop an initial project management and control plan. This plan will include: project instructions, which establish the project goals, schedule, task assignments and communication protocol; project work plan, which merges the scope of services with project milestones and individual task assignments for schedule and budget; and a project cost control program which establishes the benchmark and reporting methodology for the ongoing assessment of project completion and budget.

Client communication will be maintained by the Project Manager, Dolores Salgado. The Project Manager will coordinate all project activities within the project team and will be responsible for the development of progress submittals, will attend project coordination meetings with the SCWC, and will be responsible for the development of all interim and final deliverables.

The Project Manager shall provide monthly invoice statements, that includes progress to date addressing all scope of work tasks. In the event that the schedule is delayed at any point during the project, the Project Manager will identify the cause for the delay, as well as recommendations to bring the project "back on track."

DELIVERABLES:

✓ Monthly Invoices and Updated Schedules

	nn '20 Jul '20 Aug '20 Sep '20 Oct '20 Nov '20 Dec '20 Jan '21 Fr 7 14/21/28 5 121/9/26 2 9 16/23/30 6 13/30/27 4 1111/8/25 1 8 15/22/29 6 13/30/27 3 1017/24/31			Kick-Off Meeting ◆ 8/24	•	Meeting with SCWC ♦ 9/4		Meeting with SCWC ♦ 9/21				Asset Management Philosophy Workshop ◆ 10/12	•	SCWC Review of Draft Technical Memorandum 11/9				SCWC Review of Draft Implementation Plan 12/28		Board Presentation ◆ 1/13	
Sheep Creek Water Company Project Timeline EXHBIT "B"	Duration Start Finish	101 days Mon 8/24/20 Thu 1/21/21	25 days Mon 8/24/20 Mon 9/28/20	0 days Mon 8/24/20 Mon 8/24/20	10 days Mon 8/24/20 Fri 9/4/20	0 days Fri 9/4/20 Fri 9/4/20	10 days Tue 9/8/20 Mon 9/21/20	0 days Mon 9/21/20 Mon 9/21/20	5 days Tue 9/22/20 Mon 9/28/20	35 days Tue 9/29/20 Tue 11/17/20	10 days Tue 9/29/20 Mon 10/12/20	0 days Mon 10/12/20 Mon 10/12/20	10 days Tue 10/13/20 Mon 10/26/20	10 days Tue 10/27/20 Mon 11/9/20	5 days Tue 11/10/20 Tue 11/17/20	35 days Wed 11/18/20 Wed 1/13/21	15 days Wed 11/18/20 Thu 12/10/20	10 days Fri 12/11/20 Mon 12/28/20	10 days Tue 12/29/20 Wed 1/13/21	0 days Wed 1/13/21 Wed 1/13/21	101 days Mon 8/24/20 Thu 1/21/21
	Task Name	Project	Task 1 - Information Gathering	Kick-Off Meeting	Information Gathering	Meeting with SCWC	Information Gathering	Meeting with SCWC	Information Gathering	Task 2 - Asset Management Vision/Philosophy	Preliminary Philosophy and Approach Preparation	Asset Management Philosophy Workshop	TM Preparation and Workshop	SCWC Review of Draft Technical Memorandum	Finalize Technical Memorandum	Task 3 - Implementation Plan and Board Presentation	TM Preparation and Workshop	SCWC Review of Draft Implementation Plan	Finalize Implementation Plan	Board Presentation	Task 4 - Project Management and Administration

Population

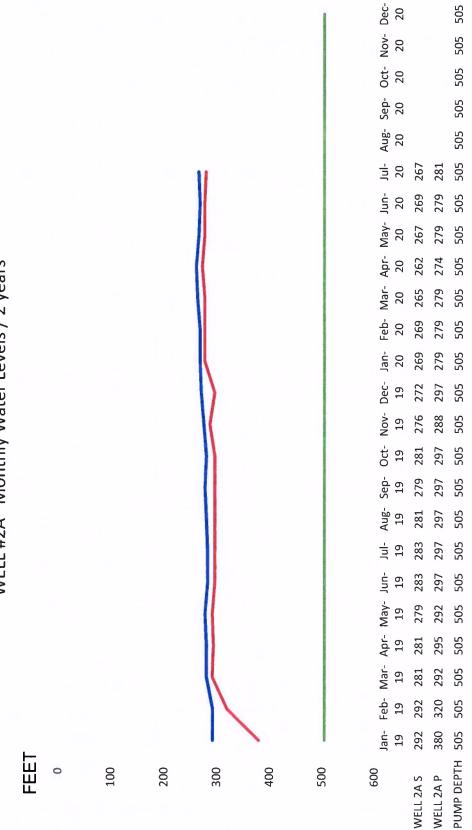
	Reduction with 2019	Reduction with 2013				Reduction with 2018	Reduction with 2013				Shoc discontinued	2010 mill 2010	Reduction with 2013				Reduction with 2016	Reduction with 2013				Reduction with 2013				Reduction with 2013																			
_	Reduction	_					_	_					_			_	Reduc	Reduc										_						_		_		_				_			
TOTAL			116,123	166	69.472			204,279	290	468.960	122.212	-10%	231 605	320	531.693	140.685	-15%	-28%	243,231	558 381	145.515	-16%	295,892	421	679.274	-15%	295,231	420	176 675	1/0.023	354,552	504	813.941		350,501	498	805 46.763566	2000	329,982	468	758		309,836	44	711
DEC	-100%	-100%	0	0 0	0	-1%	-20%	12,940	217	29.706	92.896918	%0	12 123	22,123	30.126	97.352463	19%	-3%	15,588	35 785	111.90702	-19%	13,103	220	30.081	11%	17,975	301	41.266	123.04011	19,044	319	43.719		16,096	270	36.952		15,028	252	34		14,483	243	33
NOV	-100%	-100%	0	0 0	0	-15%	-28%	13,907	241		99.840565	-10%	-16%	284	37.647	121.65634	7%	3%	19,912	45 713	142.95342	%0	19,429	336	44.604 139.48591	-8%	18,042	312	41.418	00770:67	20,749	329	47.632		19,423	336	44.588		20,721	328	48		22,109	383	51
OCT	-100%	-100%	0	0 0	0	2%	-36%	19,744	331		141.74173	%0-	-39%	314	43.072	134.69679	11%	-59%	21,963	50 420	157.67493	-35%	19,859	333	45.589 142.56712	-18%	25,346	425	58.187	04706.101	33,592	563	77.117		30,752	515	70.598		28,645	480	99		28,970	485	67
SEP	-100%	-100%	ō	0 6	0	-2%	-40%	21,868	379		286	%CI-	22 364	387	51.341		-16%	-40%	22,165	50 885		_	26,381	457	189.389	_	33,365	578	76.596	+	38,411	665	88.180		36,655	635	84.149		31,268	541	72		34,486	297	6/
AUG	-100%	-100%	0	0	0	%4-	-43%	24,572	412	56.409	176.40347	%QZ-	-39%	443	60.646	189.65218	-15%	-30%	30,311	585	217.60869	-17%	35,657	769	81.857	-27%	31,370	256	72.015	553.5003	35,211	290	80.833		43,058	721	98.848		41,956	703	96		42,149	206	97
JUL	4%	-44%	25,219	423	181.04844	-10%	-46%	24,323	408	55.838	174.61781	-74%	27 000	452	61.983	193.83409	-27%	-45%	26,112	50 045	187.46068	-21%	35,594	960	81./12	-33%	30,067	204	69.025	617.00.017	46,285	776	106.256		44,989	754	103.281		44,216	741	102		35,866	96 1	82
NOC	18%	~40%	23,014	398	165.21983	-21%	-49%	19,469	337	44.695	139.77034	0,74-	-35%	428	56.772	183.45592	-39%	-33%	25,786	59 196	185.11993	11%	42,373	/34	97.274 304.19796	_	30,807	533	70.723	77.101.17	39,612	989	90.937		38,221	99	87.743		36,242	- 829	83		36,990	640	S
MAY	16%	-46%	19,970	335	143.3696	-22%	-53%	17,288	290	39.688	124.11268	-74%	22.082	370	50.692	158.52588	-17%	-34%	24,151	55 443	173.384	-21%	29,188 T	489	67.007 209.54503	-27%	26,759	448	61.430	132.10013	35,306	269	81.051		36,733	616	84.327		39,647	664	91		28,968	485	9
APR	-21%	-58%	13,003	225	93.349131		-47%	16,381	284	37.606	117.60186	-Z0%	41%	315	41.796	130.70548	%6-	-33%	20,758	47 653	149.02165	-56%	22,752	394	52.232 163.3402	-4%	29,631	513	68.023	70071.717	30,747	532	70.585		30,811	533	70.732		19,552	339	45		20,126	348	46
MAR	11%	-43%	11,457	192	82.252217	-19%	-49%	10,327	173	23.707	74.137008	-38%	12 704	213	29.157	91.182041	-27%	-24%	15,275	35 066	109.66031	3%	20,915	320	48.014 150.15207		20,472	343	46.997	140.30301	18,885	316	43.353		20,215	339	46.408		20,272	340	47		17,061	786	9E
FEB	3%	-27%	11,353	211		-24%	-30%	10,980	204		e	-10%	14 461	-0t't	33.198	110.97826	-41%	-35%	10,088	23 159			17,144	318	39.356	_	15,711	291	36.068	\bot	18,812	349	43.187		15,582	588	35.771		16,894	313	36		13,553	251	ال
JAN	-3%	-33%	12,108	203		-19%	-31%	12,481	500	28.652	89.599906	14%	-15%	257	35.262	110.27104	-18%	-38%	11,121	25 531	79.84039	-25%	13,498	226	30.986 96.901074		15,686	263	36.010	4	17,899	300	41.091		17,965	301	41.242		15,541	260	36		15,076	253	န္ဌ
	2020		Cons'n HCF	Cons'n GPM	Ave GPDPP	2019		Cons'n HCF	Cons'n GPM	Cons'n A.F.	Ave GPDPP	8102	100	Consin GPM	Cons'n A.F.	Ave GPDPP	2017		Cons'n HCF	Consin Grim	Ave GPDPP	2016	Cons'n HCF	Cons'n GPM	Consin A.F. Ave GPDPP	2015	Cons'n HCF	Cons'n GPM	Cons'n A.F.	2014	Cons'n HCF	Cons'n GPM	Cons'n A.F.	2013	Cons'n HCF	Cons'n GPM	Cons'n A.F.	2012	Cons'n HCF	Cons'n GPM	Cons'n A.F.	2011	Cons'n HCF	Cons'n GPM	Cons'n A.F.

										_																																																			
DIDE OF PROPERTY AND INC.	on compared to 2013									on compared to 2018	ion compared to 2013									No.	on compared Its 20%	on compared to con-									on compared in 2010	CLO, GII Davaduoo uo								no compared to 2011							ion compored to 2013														
TOTAL	A.F. Reduct	118.40	11.41	2.76	72.37	30.02	0.00	328.98	215%	Reduci	A.F. Reduct	194.33	91.94	1.68	150.18	62.16	39.53	542.02	-47%		A C D due	198.31	20.09	6.12	187.97	181.36	0.08	624.62	39%	T	A F. Bodoc	229.92	0.89	138.30	124.27	169.28	686.61	-33%	L.	269.98	64.48	24.39	228.26	120.79	789.17	-23%	A.F. Reduct	345.54	82.77	1.28	1.61	0.00	730.00		453.74	132.74	74.39	16,47	0.00	77.768	
TOTAL	CUFT	5,158,772	3 440 508	120,187	3,152,941	1,308,021		14,333,652	Reduction=		CUFT	8,466,920	4,005,615	73,262	6,543,182	2,708,155	1,722,166	23.615.637			1315	8.640.478	875,134	266,845	8,189,572	7,901,872	3,302	27.214.368			SIET	10,017,483	38,904	1,043,316	5,414,439	7,375,401	29,915,344		23100	11,762,892	2,809,225	1.062.567	9,945,187	5,262,567	34,383,614		CU.FT	15,054,938	3,606,283	55,882	9,840,909					5,783,289	3,241,310	717,781	41.455,031	100,000,00	
TOTAL	CALLS	38,587,616	3,717,000	889,000	23,584,000	9,784,000		107,215,716	Total 107.22		CALLS	63,332,562	29,962,000	548,000	48,943,000	20,257,000	12,881,800	176.644.962	Total	176.64	CALLS	64.630.776	6,546,000	1,996,000	61,258,000	59,106,000	24,700	203.563.476	I Reduction=	203.56	CALLS	74,930,772	291,000	7,804,000	40,500,000	55,168,000	223,766,772	l Reduction=	223.77	87,986,434	21,013,000	7.948,000	74,390,000	39,364,000	257,189,434	Reduction=	CALLS	112,610,937	26,975,000	418,000	523,200	0	Reduction:	260.29	147,873,730	43,259,000	24,245,000	5,369,000	325 043 630	969,049,030	325.04
DEC -100%	.100%		_					0	0.000	-12%	34%	5,535,360	870,000	15,000	3,173,000	1,134,000	0	10.727.360	1,434,139	32.916	30%	5.159.000		0 0	3,535,000	3,423,000	24,700		1,623,222	- 1	8 18	5,960,779	0 (964.000	4.054.000	4,521,000		2,058,794 81	- 1	6,717,874	1,000	18,000	3,294,000	2,915,000	12,957,874	1,732,336 8		8,424,907			17,000	0	14,360,907	44.13	11,593,901	0		0 0		2,016,965	46.29
NOV 100%	-100%						0	0	0000	-14%	-42%	5,400,000	1,076,000	10.000	2,102,000	3,445,000	44.800	12.077.800	1,614,679	37.060	33%	5.070.989	5,000	0 000	4,571,000	4,346,000	0 0	14.004.989	1,872,325	42.973	3000	5,865,005	0 (2.081.000	3,992,000	4,341,000	16,279,005	2,176,338	49.95	6,655,003	000'9	11,000	4,457,000	4,332,000	15,477,003	2,069,118	-23%	8,335,872	410,000	35.000	12,000	0 000	2.130.865	48.91	11,467,008	0	0	310,000	0 21.907.008	2,928,744	67.22
OCT .	-100%						0	0	0.000	44%	-39%	5,624,640	3,281,000	22,000	6,346,000	1,695,000	456,100	17.424.740	2,329,511	53.467	7410/	5.272.877	128,000	0 0	5,592,000	5,714,000	0 0	16.706.877	2,233,540	51.264	8,010	6,108,091	8,000	2.397.000	5,182,000	5,498,000	19,475,091	2,603,622	59.76	6,987,946	3,000	13,000	5,803,000	5,121,000	17,944,946	2,399,057	-24%	8.768,189	1,695,000	35,000	13,000	0 000	2 904 838	66.67	11,942,986	143,000	1,192,000	2,124,000	0 0 72 76	3.645,827	83.68
SEP -100%	-100%						0	0	0.000	5%	-44%	5,537,000	150,000	97,000	5,055,000	4,922,000	2,481,500	18.202.500	2,433,489	55.853	-20%	5.150.736	998,000	0 0	5,116,000	000'650'9	0 0	17.323.736	2,316,007	53.157	34%	5,989,982	000'6	2,485,000	6,533,000	6,590,000	21,615,982	2,889,837	66.33	6,873,984	0	220.000	6,668,000	587,000	21,680,984	2,898,527	17%	8,674,560	4,918,000	30,000	13.000	0 000 200	3.636.171	83.46	11,772,864	1,792,000	8,972,000	3,197,300	13.353.164	4,458,979	102.34
AUG 100%	-100%						0	0	0.00	%6-	-46%	5,713,920	2,863,000	15,000	000'905'9	2,865,000	2,739,700	20.759.620	2,775,350	63.699	-20%	5.395.000	1,152,000	000'9	5,119,000	5,507,000	5 525,000	22,713,000	3,036,497	69.693	7692	6,255,850	10,000	1,203,000	7,334,000	7,135,000	24,433,850	3,266,557	74.97	7,221,859	124,000	1,504,000	6,451,000	7,963,000	28,541,859	3,815,757.	-23%	9,106,560	5,311,000	23,000	000'965'/	0 00 00	3.943.524	90.51	12,305,016	10,647,000	1,057,000	106,000	35.412.016	4.734.227	108.66
JUL 2006	-39%	5,954,000	3,419,000	732,000	3,062,000	7,514,000	0	23,602,300	3,155,388	.3%	.49%	5,490,720	5,628,000	35,000	000'900'9	28,000	2,281,300	19.733.020	2,638,104	60.549	-30%	5.450.000	2,142,000	10,000	6,448,000	6,279,000	0 0	20.402.000	2,727,540	62.602	707.	6,397,805	36,000	4,964,000	6,412,000	7,282,000	25,494,805	3,408,396	78.23	7.365,600	3,066,000	3.056.000	8.024.000	6,395,000	32,016,600	4,280,294	.35%	9,410,112	2,845,000	0	0 0	0	3.362.849	77.18	12,471,077	13,486,000	1,441,000	31,000	79.860.577	5.328.954	122.31
JUN 13%	%9	5,652,000	14,000	29,000	6,710,000	1.109.600	0	20,594,600	2,753,289	-14%	-53%	5,140,800	5,499,000	27,000	4,746,000	310,000	2.385,700	18.146.500	2,426,003	55.681	764	5.362.000	184,000	665,000	8,424,000	6,487,000	0 0	^	2,833,690		3/7/0	6,284,000	168,000	5,728,000	4,115,000	6,284,000	22,626,000	3,024,866	69.43	7,261,013	3,365,000	7,937,000	6,861,000	5,286,000	35,796,013	109.84	-32%	9,244,800	3,833,000	46,000	28,000	0 470 600	3.498.770	80.30	12,226,896	10,510,000	1,185,000	819,200	35.636.096	4,764,184	109.35
MAY 33%	-42%	5,671,000	12,000	14,000	3,529,000	23,000	0	18,838,700	57.805	-26%	%9 5 -	5,517,058	3,943,000	7,000	3,637,000	76,000	988.800	14.170.458	1,894,446	43.481	7000-	5.583.000	17,000	1,147,000	6,216,000	3,966,000	0 0	19.245.000	2,572,861	59.052	339%	6,579,043	19,000	37,000	2,687,000	6,327,000	21,655,043	2,895,059	66.45	7,591,925	6,731,000	29,000	7,324,000	32,000	26,205,925	3,503,466	Н	9,099,864			40,000	13	3.256.934	74.75	12,798,000	6,518,000	1,619,000	28,000	32 668,100	4,367,393	100.24
APR16%						55,000		F	35.117		Ш		3,817,000					13,558,600	1,812,647	41.604	276.		1,682,000				6 6	۱۳	2,614,437		-31%	6,468,984	0	2.79,000	100,000	5,444,000	18,485,984		56.72		4,281,000				20,770,998	2,776,871	П				22,100	1	3	71.55	12,582,000	124,000	6,205,000	7,081,200	26.064.200	3.484,519	79.98
MAR 20%						23,000		위	1,455,324		Н		2,784,000					10,683,590		1			238,000	11,000	3,129,000	3,531,000	0 0	12,838,190	1,716,336			6,500,203		7,405,000		1,692,000	15,687,203		1	7,907,083	3,393,000	30,000	7,368,000	21,000	182	2,507,230			614,000			٦	2,762,021		13,130,856	0 0	2,521,000	1,793,000	- ₹	2,905,729	
FEB 10%	-36%	5,087,000	62,000			127,800		뒤	33,774				41,000						1,340,775			5.204.909	0		4,031,000		0 0	13,903,909						5,786,000			11,769,915				27,000					1,856,476	П	10,236,038	261,000		38,100	_ [*	2,055,767		12,058,099	0 0	. 0	5,362,900		2,329,011	- 1
JAN Jaw	L	5,481,792	177,000	31,000	5,119,000	34,000			33.270	1	П	4,808,174	7 000	9000	2,928,000	3,122,000	250,600	-	1,488,205	-		5,879,088	0	127 000	3,559,000	3,971,000	0 0		1,809,103			6,570,115	18,000	3,727,000	62,000		10,844,115				16,000	48,000	4,831,000	22,000		1,758,968	1 1	11,454,624	4,305,000	0	197,300		2,206,140		1	39,000	53,000	154,000	18.628.927	2,490,498	57.16
2020		Tumol	Wolf # 2A	Wolf # 4A	Woll # 5	Woll # 8 Well # 11	PPHCSD	TOTAL G	TOTAL OF	2019		Turnol	Wolf # 2A	Woll # 4A	Woll # 5	Woll # B	Wolf # 11	TOTAL G	TOTAL CF	TOTAL AF	0107	Tunnol	Well # 2A	Well # 3A	Wolf # 5	Wolf # B	Wolf # 11	TOTAL G	TOTAL CF	TOTAL AF	4017	Tunnol	Well # 2A	Wolf # 3A	Woll # 5	Well # 8	TOTAL G	TOTAL CF	TOTAL AF	Tunnol	Woll # 2A	Woll # 4A	Woll # 5	Wolf # 8	TOTAL G	TOTAL OF	2015	Tunnoi Wolf # 24	Woll # 3A	Woll # 4A	Wolf # 8	Woll #	TOTAL CF	TOTAL AF	Tunnol	Wolf # 2A	Woll # 4A	Wolf#5	Woll #	TOTAL CF	TOTAL AF

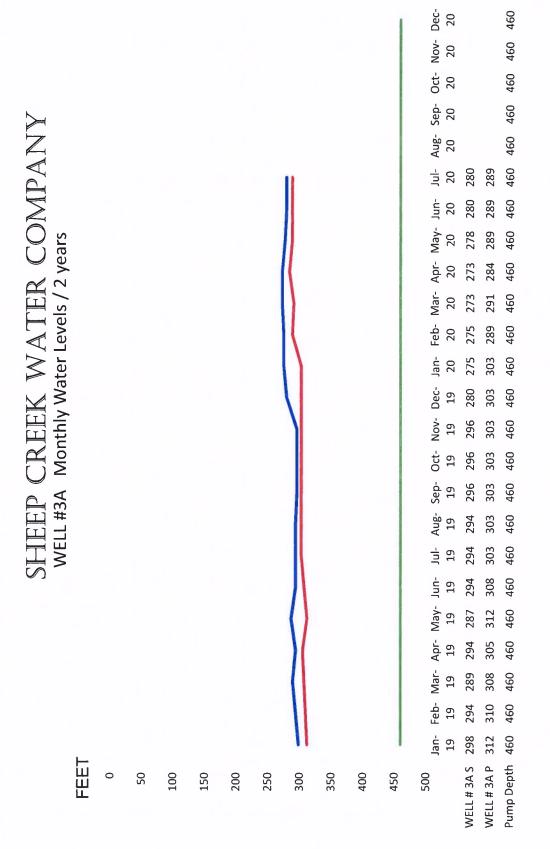
AVERAGE GALLONS PER MINUTE

					- LOW								
2020	76%	43%	40%	26%	21%	5	62%	-100%	-100%	-100%	-100%	-100%	-100% Compare 2019
	123	122	122	123	127	131	133						
	250	279	262	306	286		344						
	0	312	324	327	318		311						
	272	292	250	319	292		372						
	305	309	327	314	319		311						
	270	284	295	367	367		348						
_	251	251	251	251	251		251						
ŀ	1.471	1.849	1.831	2.007	-		2.070	0	0	o	0	O	
2019	%90	%6-	%0	3%			155%	166%	155%	15,4%	20%	83%	Compare 2018
1	200	200	9	2,0			0/22	8/00-	9/201	0/45	0/0/	8/20	Compare 2010
	201	60L	211	6 F			123	128	128	126	125	124	
	2	202	707	0/1			\$	8	7/1	204	981	677	
	148	186	194	186			162	167	0 !	0 [0 [0	Fump Pulled 9-19
	1/4	179	185	189			167	179	202	202	207	312	
	155	168	170	173			196	231	270	283	230	239	
	181	193	193	198		192	195	258	259	242	285	263	
╣	251	251	251	251			251	251	251	251	251	251	
	1,166	1,294	1,312	1,286	1,297	•	1,278	1,372	1,287	1,313	1,344	1,478	
2018	~40%	-27%	-16%	-12%	.19%	117	-57%	~46%	-48%	-48%	-17%	-21%	Compare 2017
	131	129	127	125	125		122	121	119	118	118	116	
	-	150	175	135	125		98	99	25	25	8	8	
	15.	211	122	195	167		25	25	25	25	35	25	
	199	213	251	194	168		9	9	9	9 6	9 6	9	
	286	289	297	279	274		124	119	124	128	138	147	
	330	300	200	7 0	200					2 5	2 6	į	
	350	353	Š	200	707		141	191	261	102	792	179	
+	4 054	7 24 6	000	100	0 444		2 001	0 4			107	167	
+	ICO'	/10,1	606,1	C#7'1	1,143	do.	70c	91C	cnc	/10	68/	808	
70.7	-32%	40%	43%	-48%	45%	-11%	%99	28%	17%	%9	-28%	-37%	
	147	145	147	148	147	147	143	140	137	136	136	134	
	214	274	0	0	0	ଜ	SS SS	92	107	107	0	0	Pump Pulled 11-17
	330	330	345	295	301	280	180	143	115	115	115	115	
_	3/0	333	333	253	253	200	200	144	115	130	154	184	
	353	3/2	3/2	355	353	353	280	257	238	244	258	275	275
+	200	100	700	occ ,	nee	342	OIS.	9/7	967	007	997	308	
ر ان	1,747	1,815	1,564	1,409	1,404	1,372	1,163	1,012	896	866	951	1,016	
9													
	184	182	177	176	170	168		162	159	157	154	150	
_	381	200	529	534	468	213	44	88	88	45	111	167	
	537	646	230	635	610	225		34	06	114	183	286	
	629	729	556	478	439	193		25	132	157	267	333	
	461	468	463	471	438	381		163	192	218	305	353	
+	458	476	438	433	444	365		194	217	254	297	326	
+;	2,680	3,001	2,723	2,727	2,569	1,545		640	828	945	1,317	1,615	
CLOZ			1										
	007	253	248	203			0LZ	204	102	96	193	981	
	0 0	000	070	37.5			524	184	814	417	439	4/9	
	260	090	0,0	co/			150	613	LSC .	286	25 F	283	
	883	302	818	759			269	639	625	625	625	875	
	551	55	747	537	513	497	488	471	451	452	459	460	
+	403	404	400	400	ľ	ľ	467	333	361	361	333	405	
2044	2,040	2,032	1,361	3,237	2	2	3,017	7,751	7,647	2,63/	2,643	2,991	
2													
	303	667	1166	297	101	283	279	276	273	268	265	260	1000
	617	617	1,130	641	1,015	000	880	/33	088	930	0 64	0 679	Nov- Pump Pulled
	883	883	808	95	882	851	17.7	903	667	760	760	760	
	317	317	326	326	259	259	258	310	301	306	3 0	3 0	Oct- Pump Pulled
	505	206	499	496	485	471	450	463	406	450	, ,		
							17.8.	2	3	409	438	438	

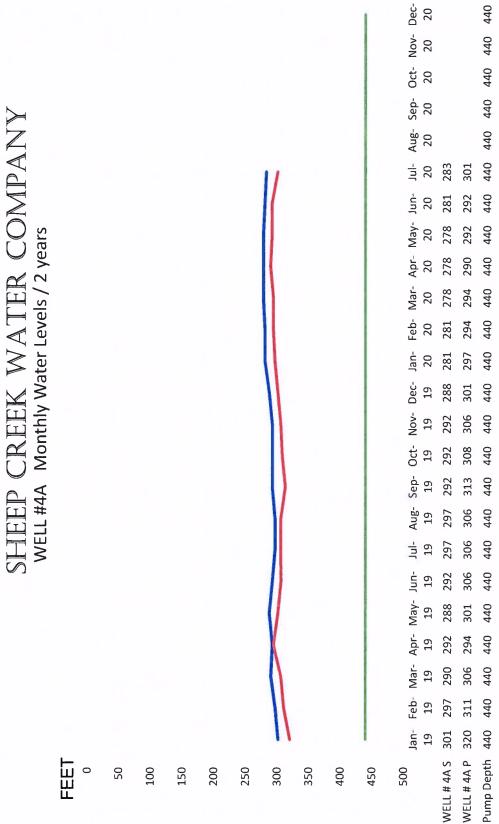
SHEEP CREEK WATER COMPANY WELL #2A Monthly Water Levels / 2 years



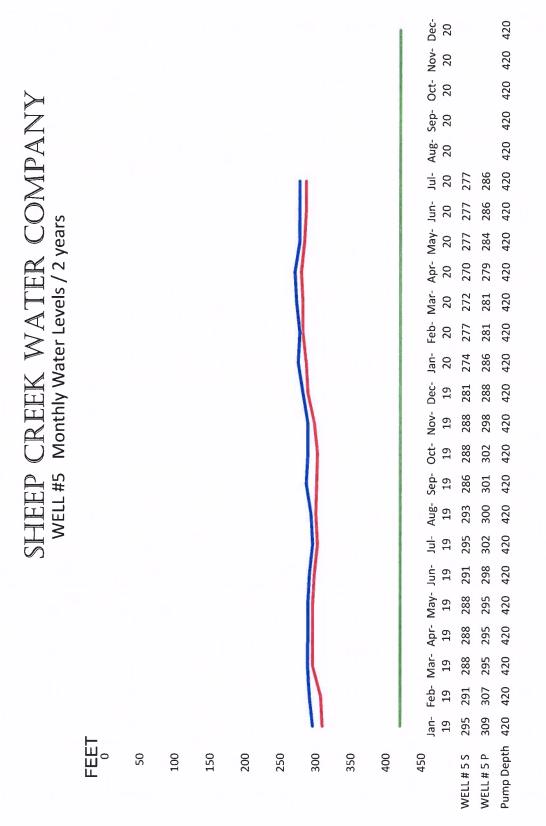
2019 / 2020



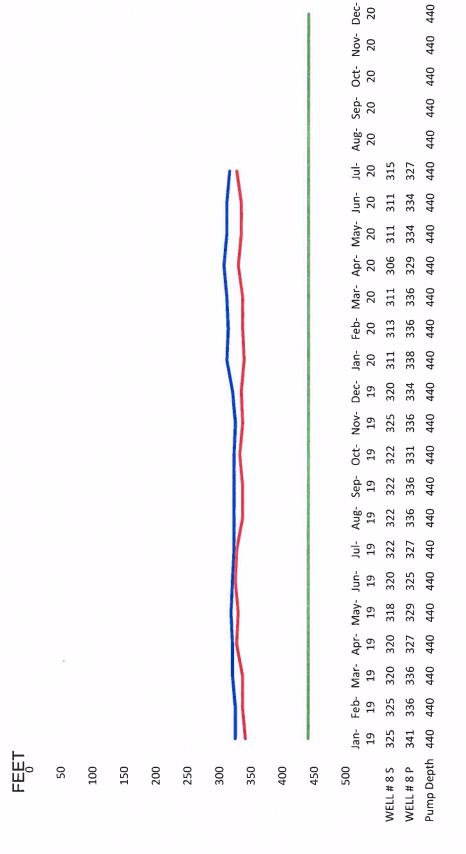
WELL#3AS WELL#3AP Pump Depth



-----Pump Depth



SHEEP CREEK WATER COMPANY WELL#8 Monthly Water Levels / 2 years



2019 / 2020

