

MONTHLY ENGINEER'S REPORT

DATE OF MEETING: NOVEMBER 15, 2023
CLIENT: BACA GRANGE WATER & SANITATION DISTRICT (BGWSD)
SUBJECT: MONTHLY ENGINEER'S REPORT **NEW ITEMS IN BOLD**

GENERAL ENGINEERING (PROJECT NO. 0001)

Casita Park Lift Station Analysis: Element has reviewed the hydraulics of the Casita Park (Mobile Home Estates) Lift Station to determine why pumps continue to see failure. We have completed an analysis of the existing hydraulic conditions and are evaluating system and pump curves. We expect to be able to provide recommendations to district staff within the next two to four weeks.

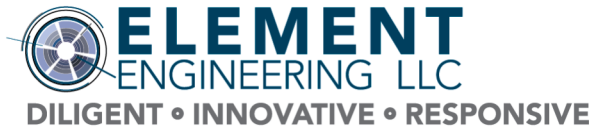
A memorandum summarizing the lift station analysis has been provided to the district for review. Further discussion on the hydraulic difference between design and actual hydraulic conditions between Element and the district staff is necessary to determine next steps. The district staff is looking into the hydraulic conditions and comparing the existing (old) originally installed pump and the newly installed pump.

Water Loss Prevention Plan: Element staff are periodically working with district staff in developing a water loss prevention program. It is likely that this prevention program will take several months to collaboratively develop prior to presentation by district staff and Element to the board. Element is assisting the district in assembling cost estimates for PRV vault and water main replacement program. Our initial meeting has identified the following items to focus on:

- PRV Vault Cost Estimate
- Metering Vault Cost Estimate
- Cost Estimate 1,000 Feet of Main (General)
- Meter Inventory (Ages, Visual Inspection)
- Unmetered Service Survey
- Testing Meters
- Leak/Break Fix Map
- Water Main Replacement Program

District staff is interested in applying for Saguache County grant funds to potentially pay for relocation of PRVs and installation of flow meter vaults to study. Potential uses for this grant money is installation of metering vaults, PRVs, and water shutoff valves to better isolate for breaks. Also, money could be used for leak detection equipment. A cost estimate of a PRV and metering vault has been provided to district staff for review.

Element has been released on design services of the PRV relocation, new PRV installation, and two new meter vaults. Element is completing design and bidding documents so the project can be publicly bid. We are currently waiting for the field survey work to be completed in order to finalize our draft documents for internal review.



We have received the survey and are finalizing the water loss prevention project deliverable design documents for review by district staff.

We created a cost estimate for replacement of the receiving manhole of the Wagon Wheel Lift Station with a polymer manhole that is corrosion resistant.

WATER AND WASTEWATER MASTER PLAN UPDATE (PROJECT NO. 0009)

The Water and Wastewater Master Plan Update document has been finalized in draft format and provided to the BGWSD staff and board for review.

The master plan was approved by the district board in September 2022. The district approved Water and Wastewater Master Plan culminated in recommendations for water and wastewater system improvements. These recommendations are being included in the Wastewater Treatment Plant Improvements (Project No. 0010) and Water Treatment Plant Improvements (Project No. 0011) projects. Status reports on these projects are presented under their respective project numbers.

The master plan also included recommendations for water loss reduction. Reporting on progress for this item is listed under General Engineering (Project No. 0001). As the master plan document itself has been approved, and action is being taken on the master plan recommendations, no additional updates will be included on this project number.

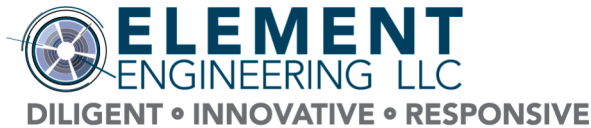
WASTEWATER TREATMENT PLANT IMPROVEMENTS (PROJECT NO. 0010)

Element has provided the district with a proposal to complete a Wastewater Treatment Plant (WWTP) Improvements Preliminary Engineering Report and Environmental Report. The report will be assembled for United States Department of Agriculture (USDA) Rural Development (RD) funding of a new or upgraded/expanded WWTP. A preliminary schedule for the proposed project is shown below. Note that this schedule may vary widely based on review time by CDPHE and USDA as each entity reviews and processes the required submittals.

- Compile and submit Preliminary Engineering Report (Includes ER and RD Apply funding application) December 2022
- USDA review and funding/underwriting (Note this timeline is assumed and is shown conservatively long) January 2023 – July 2023
- USDA Letter of Conditions Coordination July 2023 – September 2023
- Design, CDPHE and local permitting September 2023 – August 2024
- Bidding November 2024
- Construction March 2025 – March 2026

Element was approved on the wastewater PER/ER in the district’s September special meeting. We intend to meet the deadline for the PER/ER of the end of December 2022.

The PER was submitted to district staff for review in December of 2022. We are working to schedule a staff review meeting prior to updating the draft for submittal to the board for review. It is expected that the PER will be submitted to the board for review in late January or early February.



The PER was reviewed with staff on January 23, 2023. An updated PER has been provided to the district along with a PER summary handout. A work session to review the PER has been scheduled for Thursday February 23rd. USDA has informed Element that, based on the suggested project scope, an Environmental Report is required. Our original goal was to demonstrate that this was not required due to the fact that the disturbance would all occur at existing project locations, however, after review USDA has required the ER to be compiled and submitted as part of the project. Our current proposal has funding for this work but excludes State Historic Preservation Act site surveys. If a survey is required, we will let the district know and pass that on with no markup.

After review of the PER by the board, and any necessary updates, the PER and ER will be submitted to USDA, along with the RDAApply application to finalize the grant and loan funding request.

The PER was reviewed at a board special meeting on February 23rd, 2023. The board approved moving forward with the project and completing the RDAApply application. Element is in the process of compiling the required Environmental Report. The Environmental Report and RDAApply application will be completed by the end of April 2023. Please note that the Environmental Report requires 30 and 45-day review periods for various state, federal, and tribal agencies for review and comment on the project scope.

The Environmental Report (ER) has been drafted. We are waiting for final responses from the State Historic Preservation Office (SHPO) and other agency responses to finalize the ER. The RDAApply application is being processed and drafted by Element and district staff.

The RDAApply application and Preliminary Engineering Report have been finalized in draft format. The Environmental Report is nearly complete. We are finalizing correspondence with the State Historic Preservation Office (SHPO). Further environmental compliance reporting may be required, and we are scheduling a meeting with SHPO to determine the necessary scope of this additional work, if any. It is anticipated we will finalize our conversations with SHPO by the end of May.

The USDA funding application has been completed. The PER and ER have been submitted to USDA. We are now waiting for the USDA underwriting process to be completed. USDA will generate a letter of conditions that outlines the funding package grant/loan combination.

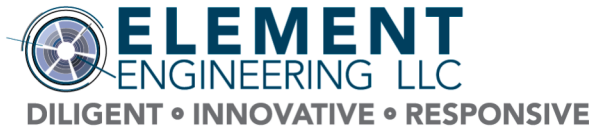
USDA provided their review comments of the PER and ER. Element has completed the comment responses and resubmitted the reports. The comments were minor and did not necessitate major changes to either report.

WATER TREATMENT SYSTEM IMPROVEMENTS (PROJECT NO. 0011)

The Water and Wastewater Master Plan Update recommended a water project be completed including the following:

- Integrate the Motel Well and Booster Pump Station into the large BGWSD system.
- Increase Water Treatment Plant (WTP) Pumping Capacity
- Add Administrative Building for district.

It is recommended that these projects be funded through the Colorado Department of Health and Environment (CDPHE) State Revolving Fund (SRF) Loan Program. Upon completion of the WWTP PER and



ER the funding process for the water system improvement project should begin. A preliminary schedule for the proposed project is shown below. Note that this schedule may vary widely based on review time by CDPHE.

- | | |
|---|----------------------------|
| • Compile and submit pre-qualification form (CDPHE funding) | December 2022 |
| • Compile and submit Project Needs Assessment | April 2023 |
| • CDPHE review and design and engineering grant execution | July 2023 |
| • Design, CDPHE permitting | August 2023 – March 2024 |
| • CDPHE funding coordination and loan execution | February 2024 – April 2024 |
| • Bidding | April 2024 |
| • Construction | June 2024 – December 2024 |

The pre-qualification form was submitted in December of 2022. A pre-qualification meeting has been scheduled with CDPHE, DOLA, BGWSD, and Element staff on Tuesday January 31st at 10:00. The pre-qualification meeting is the next step in the CDPHE funding process where all entities discuss the proposed project and review the steps in the funding process.

The prequalification meeting was held to discuss the CDPHE funding process specific to the BGWSD water project. The district qualifies for a planning grant of \$10,000 to support compilation of the Project Needs Assessment. The planning grant requires a local match of \$2,500, for total funding of \$12,500 for the Project Needs Assessment. The Project Needs Assessment (PNA) is an engineering planning document similar to the PER but compiled in a format and form acceptable to CDPHE. Element has compiled a proposal to complete the PNA on behalf of the district.

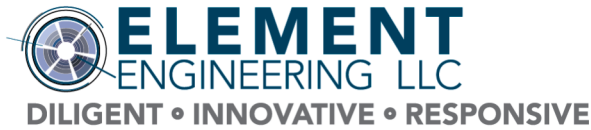
The draft PNA is nearly complete with an internal (Element) review by the middle of April. We are on target to provide the draft to district staff by the end of April.

CDPHE has provided a pre-qualification review letter after our January pre-qualification meeting. The review letter (dated April 19, 2023) is attached to this report. This letter clarifies that the district is eligible for a planning grant (already obtained), a design and engineering grant, and Bipartisan Infrastructure Law (BIL) funding.

Element finalized a draft of the PNA and transmitted it to district staff on May 9, 2023. It is recommended the district board schedule a work session or special meeting to review the final PNA during the month of June. In the meantime, Element and district staff will work to resolve any initial questions and/or comments.

The draft PNA is scheduled to be reviewed by the district at an August 23rd meeting. A handout summarizing the PNA has been transmitted to district staff for board distribution.

The district approved submittal of the PNA at the August 23rd meeting. Element has coordinated with district staff and the PNA has been submitted to CDPHE. We are awaiting CDPHE review of the document. Element will respond to any questions or CDPHE comments.



DEVELOPMENT SERVICES

590CR Hillcrest Overlook Extension: The district has asked that Element provide design services for sewer and water main extensions. The first of these projects is the above referenced extension. The process for design and construction is as follows:

- Application for line extension (application fee)
- Deposit for preliminary design and cost estimate
- Preliminary line extension design and cost estimate
- Customer approval of cost estimate/ deposit of full estimated cost of construction
- Final design/drawing/bid package
- Bid Project
- Award bid
- Pre-Construction Meeting/establish check in meeting schedule
- Construction
- Conditional acceptance
- Final acceptance

The survey for this project is to be completed during the week of January 9th. Preliminary layouts will be completed in one to two days after the survey file is received.

The survey has been completed and an initial alignment show that the extension project is feasible. The district has released Element to complete a full design for the water and sewer extension. We expect this to be completed during the week of February 13th.

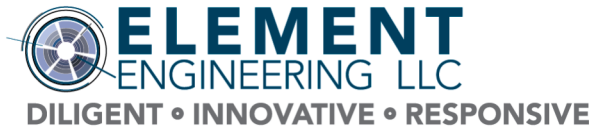
The Hillcrest Overlook plans and cost estimate have been submitted to the district. A meeting was held with the developer to review the plans. The next step is to bid the project for construction.

This project has been publicly bid for construction per state statute. A publication was posted in the local paper of record, on the Element Engineering website, and on the district's website. The bid schedule is as follows:

RFP Release Date	Week of May 18th
Plans and Specifications Available	May 12 th at 10:00 AM
Last Day to Request Interpretations of the Documents	May 19 th at 4:00 PM
Last Day to Issue Addenda	May 26 th at 4:00 PM
Bids Due (via email to nmarcotte@elementengineering.net)	June 2 nd , at 4:00 PM

Upon completion of the bidding process, Element will provide the district with a summary of bids received and a recommendation for award.

The project has been awarded to Cooley and Sons Excavation. All material has been procured and a pre-mobilization meeting is scheduled for August 14th. Element will oversee the construction and conduct onsite inspections.



Construction is nearly substantially complete. The water main has been pressure tested and the sewer main has been videoed. Video shows a belly in the newly installed pipe that will be corrected by the contractor. Substantial completion of the project is expected to be requested by the end of September.

Substantial completion was issued on October 3, 2023 after a site walkthrough. The only punch list item was to provide a valve box riser for the hydrant valve. Element is waiting on the revised Pay Application No. 1 from the contractor. We have reviewed Pay Application No. 1 and returned it with comments as it did not subtract retainage.

We are waiting for the final pay application and as-built drawings for final processing. Prior to releasing final payment, an advertisement must be published per state statute. Element will provide that advertisement to the district.



District Manager Report - November 15, 2023

MASTER PLAN:

Wastewater Improvement Project:

United States Department of Agriculture - Rural Development (USDA RDAApply)

- November 2023- no current updates since uploading the revised application in July

Water Improvement Project:

Colorado Department of Public Health and Environment Drinking Water Revolving Fund (CDPHE DWRF)

- 2/15/2023: Pre-Loan Planning Grant Project #960062D-Q

The District received a grant of up to \$10,000 from CDPHE that helped defray the costs of the documents required by the Drinking Water Revolving Fund program for the Water Improvement Project.

Draw Request #5, the last draw has been submitted, this concludes the Pre-loan Planning Grant Project.

- 8/31/2023: The Project Needs Assessment (PNA) has been uploaded to the CDPHE portal. Thank Element Engineering staff for their hard work on Planning this project and help to secure the necessary grants and loans for upgrading our water system.

Saguache County Grant - Water Loss Prevention Project (Capital Project)

➤ 6/15/2023: Received \$137,640 from the Saguache County Board of Commissioners towards our Water Loss Prevention Project for the PRV Distribution System. There were two components of the request- the Water Meter Vault and the Pressure Reducing Valve (PRV) Vault. Both components of the project were approved; part came from the last of their American Rescue Plan Act funds and the remainder from their Payments in Lieu of Taxes funds.

➤ 7/19/2023: BGWSD Board approved the proposal from Element Engineering for Construction Plans and Specifications: \$7,000, Bid Documents and Bidding Process: \$8,500.

➤ Element has now begun working on the design services and bidding documents. Once again, gratitude to EE for working with the District on our water conservation efforts.

- 11/15/2023: Approximately \$8,300 of the \$15,000 budgeted for the year has been used. Remainder of funds will be deferred to 2024

2024 Budget

Proposition HH did not pass. The basic budget calendar follows:

Basic Budget Calendar

*A budget for each special district is required to be submitted to the Division of Local Government on an annual basis.

October 13 – In compliance with C.R.S. 32-1-1001(2)(a)(III) notice of the proposed budget hearing on 11/15/2023 was posted to the District’s website – 30 days

October 15 - Budget Officer must present a Draft budget to the governing body.

November 15 – Budget Meeting

December 15 - Budget must be adopted and mill levy set for property taxing entities.

January 31 - Budget must be submitted to the Division of Local Government of the budget year.

PERSONNELL

- COVID – One employee tested positive. Took leave and returned to work after testing negative and symptoms were gone. All surfaces were sanitized, and it was recommended to wear masks.

OTHER EVENTS:

Lead and Copper Rule Revisions (LCRR) – Changes will require the District to “Inventory” the materials used in service lines connected to the distribution system. Inventory list is due by 10/16/2024 – Can list as “Unknown” but will require a plan to verify the material used.

- Service lines installed after 01/31/1988 do not need to be inventoried.
- Due to the size of the system and population served we qualify for technical assistance/training but are too small to qualify for grants.
- In process – Currently reviewing records to determine the amount of homes built before 1988.

Employee Manual

- Draft received from council
 - Working on a list of edits
 - Likely approve in December/January

Administrative Monthly Report

November 15th, 2023 - Board of Directors Meeting

Prepared by Natalie DeBon

Annual Pre-certification: November 3rd, we mailed out via USPS and electronic mail, Certification Resolution together with the Recipient list for 2023 Certification to Regina Swartz, Saguache County Treasurer. Total recipients: 77, this includes 5 usage accounts and 72 vacant properties accounts. Certification Total \$39,392.93. Most of the accounts certified for annual AOS fees, 5 accounts certified for delinquent water & sewer fees. 28 accounts were paid off and removed from the certifications.

After the Submission Deadline, which is December 15th the full payment including the statutory penalty must be paid to the SC Treasurer. The District should not accept payments toward the certified amount. Customer should refer to Treasurer. The Treasurer will send a monthly report of all payments to the District.

2024 Budget Preparation: October 9th - Budget meeting with District Manager and Utility Director: we reviewed 2023 expenses throughout different GL codes and discussed 2024 projections. November 13th - Budget meeting with Director Smith, District Managers & Utility Director. October 12th - Sent out a 2023 Budget Notice to publish in Saguache Crescent and Crestone Eagle newspapers and posted notice on BGWSD website.

CSDPLP: October 16th – received scholarship reimbursement in the amount of \$900.00 from Colorado Special District Property & Liability Pool.

CSDPLP: As a part of our liability insurance plan we have access to various training through an online Vector Solutions Platform, all District employees have completed at least one qualifying course in 2023. On October 9th I received notification that the District is at 100% compliance and will earn a discount of 10% on our 2024 liability contribution.

Office Closure: The administrative office experienced a closure on Friday, October 20th, from 9:00 am to 12:30 pm, due to staff illness and shortages.

2024 Employee Health Benefits: The parameters for healthcare open enrollment for 2024 year have been established, and the enrollment portal will be accessible to employees from October 1st through November 10th. The deadline for completing enrollment is November 17, 2023. All full-time employees have been informed about the enrollment process, provided with enrollment instructions, and engaged in discussions regarding the details.

Operations dig list and non-read meter: On October 9th Gary Potter and I had a meeting and discussion of current dig list and non-working meters. We prioritized the projects and operations already replaced few meter pits and meters.

Website verification project: Website tap and AOS verification project, continue to be in progress. Admin staff are working to ensure the information displayed on the website remains accurate and up-to-date. Meanwhile, we highly recommend that our customers contact our office to verify the information found on the website.

November Billing Message: The District office will be closed for Thanksgiving on November 23rd and 24th. If you would like to make a payment during the holiday, our IVR payment line is always available at 888-504-0548. If you're going on vacation or leaving your house vacant this winter, please call the BGWSD office at 719-256-4310 to schedule a water turn-off at the meter or curb stop. Remember to protect your drains this holiday season. Pouring cooking fats, oil, and

grease down the drain may cause serious and expensive pipe blockages. For more information, please visit <https://www.bacawater.com/don-t-clog-your-drain>. Wishing you a safe and happy Thanksgiving!

File Organization & Archiving: Administrative Staff started end of the year file organization & archiving project.

UTILITY BILLING ACTIVITY FOR THE MONTH OF OCTOBER (BILLED IN NOVEMBER)		
Customer Utility Billing		
Billing Category	Number of Accts	Amount Billed
Usage Customers Billed - SEWER	817	\$40,837.73
Usage Customers Billed - WATER	839	\$49,500.81
ON/OFF Service	13	\$525.00
LATE FEE	40	\$800.00
TRANSFER	8	\$2,800.00
CONSOLIDATIONS	3	\$3,000.00
EQR	27	\$785.75
NSF FEE	3	\$120.00

OCTOBER - XPRESS BILL PAY TRANSACTION ACTIVITY

Product / Service Description	Qty	Unit Price	Line Total
EFT Web Transactions	248	\$0.64	\$158.72
EFT Return NSF or Account Closed	2	\$14.00	\$28.00
EFT Returned Item Basic	2	\$7.00	14.00
Credit/Debit Card Web Transactions	370	\$0.49	\$181.30
Online Banking - Bank Bill Pay Transactions	18	\$0.25	\$4.50
Lock Box Service Transactions	125	\$0.58	\$72.50
Toll Free Operator Assisted Transactions	2	\$1.25	\$2.50
Toll Free IVR Transactions	4	\$1.25	\$5.00
Support, Maintenance, Hosting - Fee	1	\$100.00	\$100.00

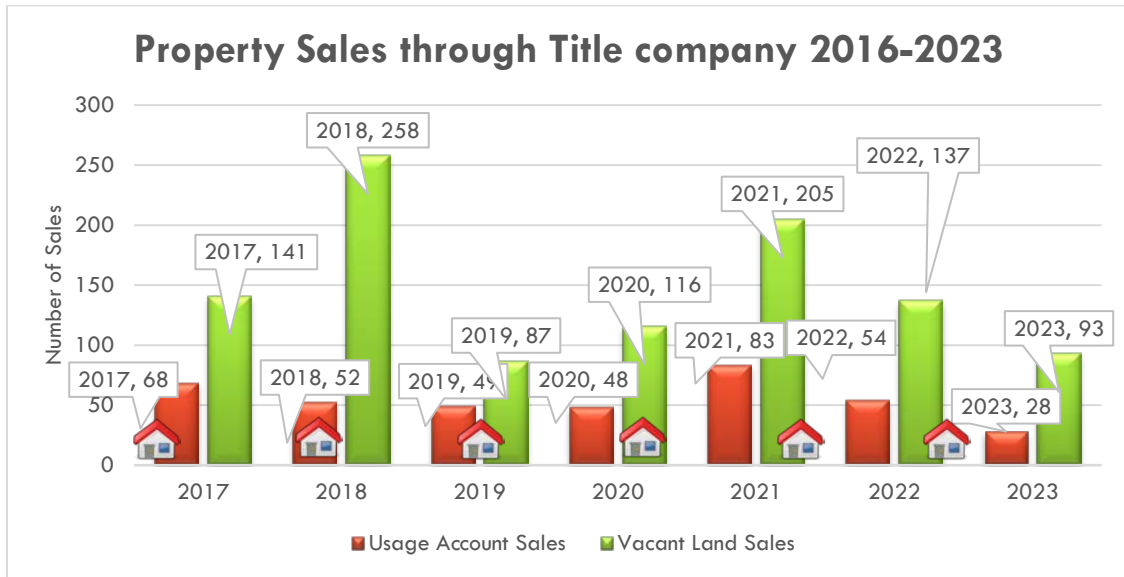
Town of Crestone Sewer 2023

Town of Crestone Sewer Billing - 2023

Date	Monthly Total	Monthly Flow	Flow Charges	Average Daily BOD	Monthly BOD	BOD Charges	Paid	Balance Due
January	434,425	3,431,957.50	\$ 3,431.96	54	1674	\$ 1,658.93	Check # 2596	02/28/2023- \$5,090.89
February	404,042	3,191,931.80	\$3,191.33	57	1596	\$1,581.64	Check #2604	03/31/2023- \$4,773.57
March	391,356	3,091,172.40	\$3,091.71	51	1581	\$1,566.77	Check #2612	04/30/2023- 4,658.48
April	484,123	3,825,282.70	\$3825.28	38	1140	\$1,129.74	Check # 2587	05/31/2023- \$4955.02
May	452,229	3,572,609.10	\$3,572.61	43	1333	\$1,321.00	Check #2630	06/30/2023- \$4,893.61
June	474,843	3,751,259.70	\$3,751.26	63	1890	\$1,872.99	Check #2630	07/31/2023- \$5,624.25
July	517,982	4,092,057.80	\$4,092.06	60	1860	\$1,843.26	Check #2636	08/31/2023- \$5,935.32
August	497,162	3,927,579.80	\$3,927.58	53	1590	\$1,575.69	Check #2638	09/30/2023- \$5,503.27
September	488,582	3,859,797.80	\$3,859.80	47	1363	\$1,350.73	Check 2649	10/31/2023- \$5,210.53
October	524,932	4,146,962.80	\$4,146.96	41	1312	\$1,300.19		11/30/2023- \$5,447.15
November								
December								
2023 Totals	4,669,766		\$36,891.15	507	15339	\$15,200.95		

New Rate 10/2022
Rate per 1,000 Gallons of Flow: \$7.900 / 1,000
gallons
Rate per Pound of BOD: \$0.991 /
pounds BOD

October - 2023- Property Sales: 2- Homes, 3 - Lots

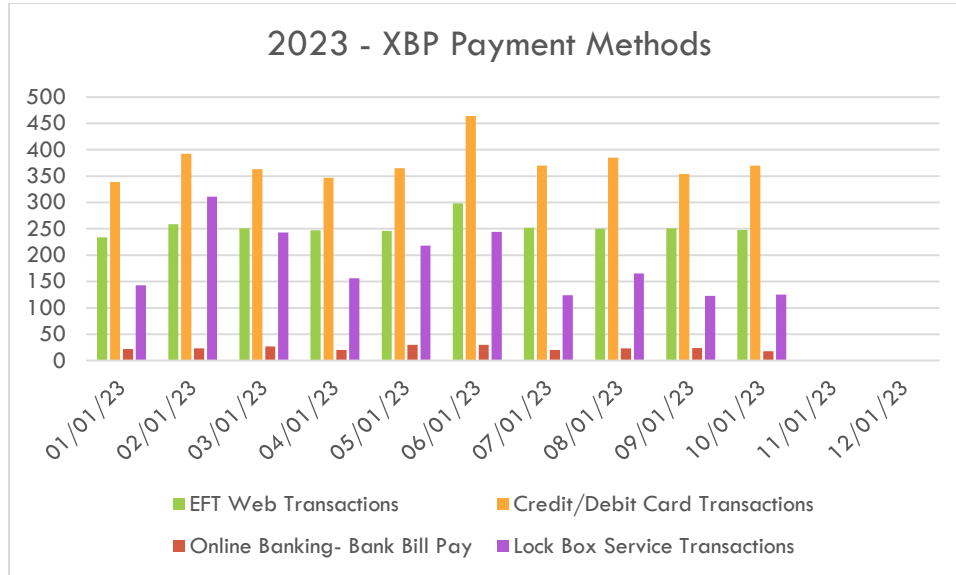


October- 2023 – Other Sales Statistic Including Name Changes Only

Prepared by Jennifer Jenkins:

Type	Vacant Lot	House	Total Charges
Quick Claim Deed	4	3	\$700.00
Warranty Deed	0	0	\$0.00
Treasurer's Deed	0	0	\$0.00
Bargain & Sale Deed	0	0	\$0.00
Contract for Deed	0	0	\$0.00
			Total: \$700.00

2023 - Xpress Bill Pay Customers Transactions Activity



2023 - Water and Sewer Hook up Applications

2 - Application (s) received in October. 18 – Total application (s) received in 2023

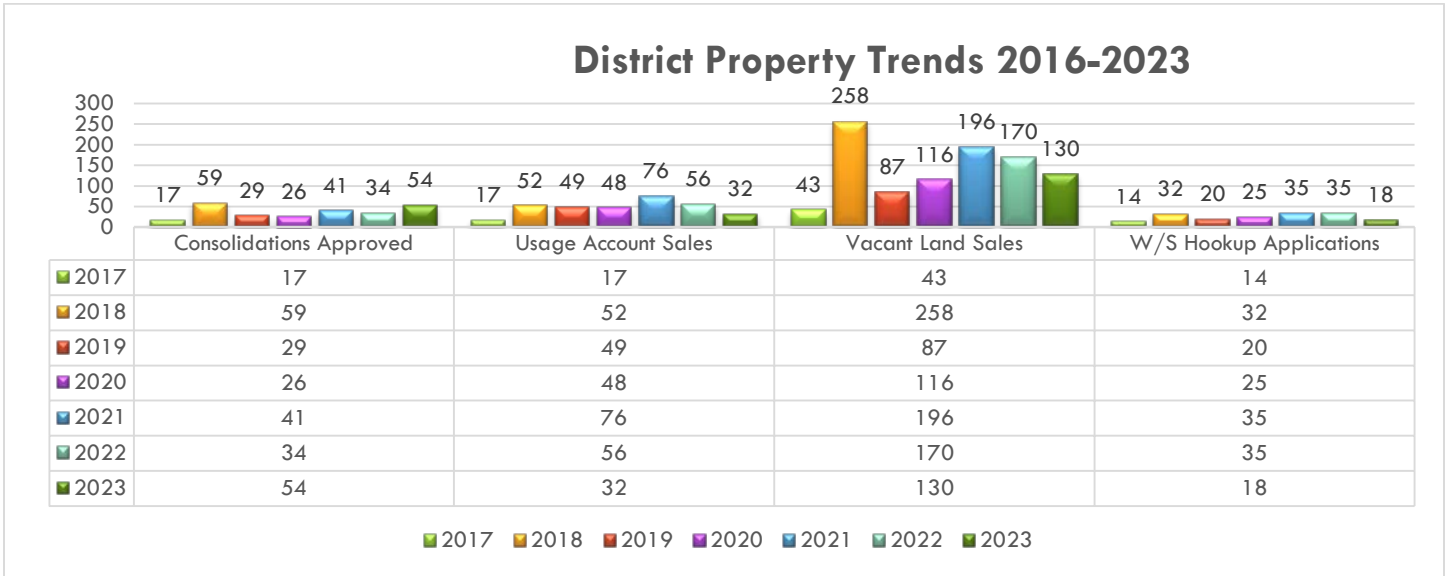
Water-Sewer Hookups 2016-2023



	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
2023=18	1	1	2	1	2	3	2	3	1	2		
2022=35 hookups	6	3	5	6	3	3	1	2	3	1	2	0
2021=35 hookups	5	5	3	1	6	4	3	3	0	1	0	3
2020=25 hookups	1	0	4	1	5	2	3	1	2	2	2	2
2019 = 20 hookups	0	2	1	3	3	1	2	2	0	2	4	0
2018= 32 hookups	1	3	4	0	0	7	2	8	1	1	4	1
2017= 14 hookups	0	2	2	1	2	1	1	2	1	0	2	0

■ 2023=18
 ■ 2022=35 hookups
 ■ 2021=35 hookups
 ■ 2020=25 hookups
■ 2019 = 20 hookups
 ■ 2018= 32 hookups
 ■ 2017= 14 hookups

2016-2023 PROPERTY TRENDS





HOLIDAY CLOSURE

The Baca Grande Water and Sanitation District Office will be closed to the public from December 25th to January 1st and will reopen Tuesday, January 2, 2024 at 9:00am.

If you would like to make a payment during the holiday, our IVR payment line is always available at 888-504-0548.

The Board of Directors and Staff
wish you a safe and happy holidays!

Baca Grande Water and Sanitation District Monthly Operations Report

November 15th, 2023



Manhole Lid being raise on Lone Pine Way



Flushing Hydrant Replaced on Rockaway Overlook

Facilities and Staff Updates

In Service

Repaired
last month

Out of
Service

Water Facilities											
Well 18		Moonlight Transfer Station		Ridgeview Transfer Station		Fallen Tree Transfer Station		Pinecone Booster Station		Shumei Booster Station	
Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2

Wastewater Facilities									
Aspen WWTP		Stables Lift Station		Wagon Wheel Lift Station		MHE Lift Station		Dharma Ocean Lift Station	
Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2	Pump 1	Pump 2

Service Vehicles				
Truck 1	Truck 2	Truck 3	Truck 4	Truck 5

Equipment				
Vactor Truck	Dump Truck	Backhoe	Skid steer	Excavator

- **Well 18**
 - Well 18 pump 2 motor was replaced with new motor

- **Wagon Wheel Lift Station**
 - New motor was purchased and has been delivered, working on adapter and new conduit for wiring to install

- **Accidents**
 - Happy to report no accidents in October!!

Operations Updates

➤ Aspen Wastewater Treatment Plant

- Incubator fridge shipping date was delayed again until December 1st.
- Decided to cancel the order and order incubator from a different manufacture with inventory in stock.
- New incubator arrived 11/7/23
- DR3900 Spectrometer was repaired and is back in service
- Dave with Timber Line Electric and Controls finished integrating new monitoring equipment at AWWTP to SCADA.

➤ Excavations for repairs

- 4 Water meter pits and meter replaced in October
- 1 mainline valve repaired
- 1 manhole raised
- 1 Flushing hydrant replaced
- Working on replacing 2 fire hydrants

➤ New Equipment

- Received a new skid steer from Bobcat of the Rockies as part of our municipal lease program
- We just received our new trailer from Texas Pride Trailers

➤ New Lead and Cooper Rule Revision

- I attended several workshops and seminar regarding the revisions to the rule
- New lead service line inventory needs to be completed and submitted to Colorado Department of Public Health and Environment by October 2024
- We have already start work on this inventory

➤ Ongoing Summer Projects

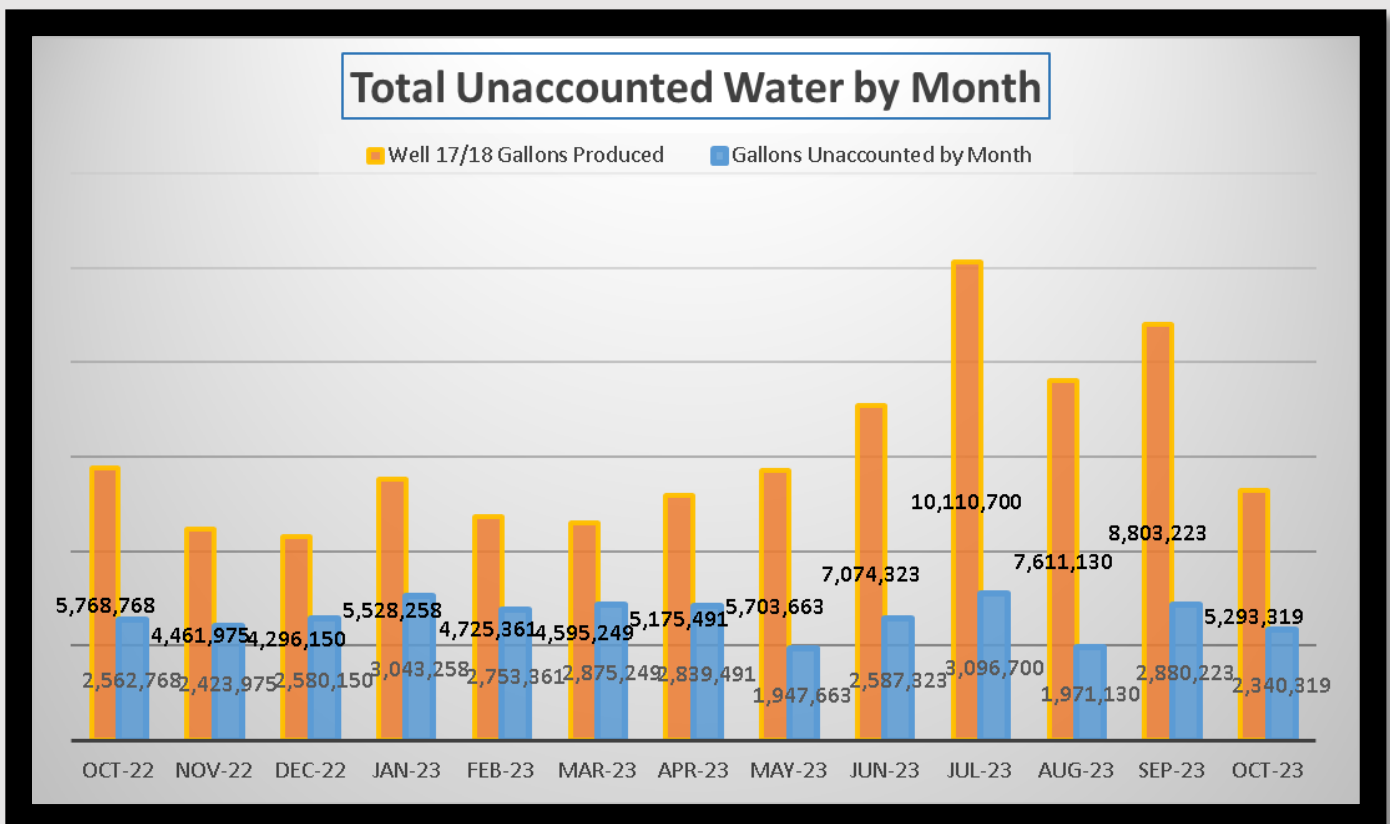
- Annual fire hydrant maintenance. Completed
- Annual lead and cooper sampling- Completed
- Annual collection system cleaning and inspections
 - Nearing completion for the year
 - All main truck line in C basin jetted
 - Roughly 50% of all of C Basin mainlines inspected
- Annual Backflow Device Testing. Completed

➤ **Unaccounted Water**

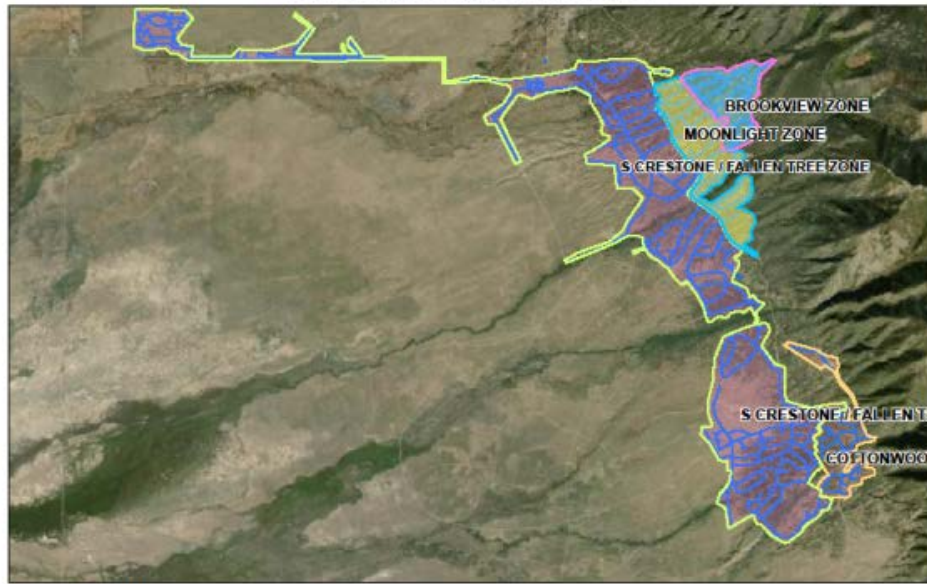
- Wells 17 and 18 produced 5,293,319 gallons of water in the month of October.
- The District sold its customers 2,953,000 gallons of water in the month of September, leaving 2,340,319 gallons unaccounted for.
- 44% of the water produced is unaccounted for in the month of October

➤ **Aspen WWTP and Town of Crestone Loading**

- Aspen WWTP averaged 44% of hydraulic loading capacity in the month of October, the Town of Crestone contributed and average of 26% of the treatment plants hydraulic load. Aspen WWTP averaged 30% of organic loading capacity in the month of October. The Town of Crestone contributed an average of 52% of the treatment plants organic load.



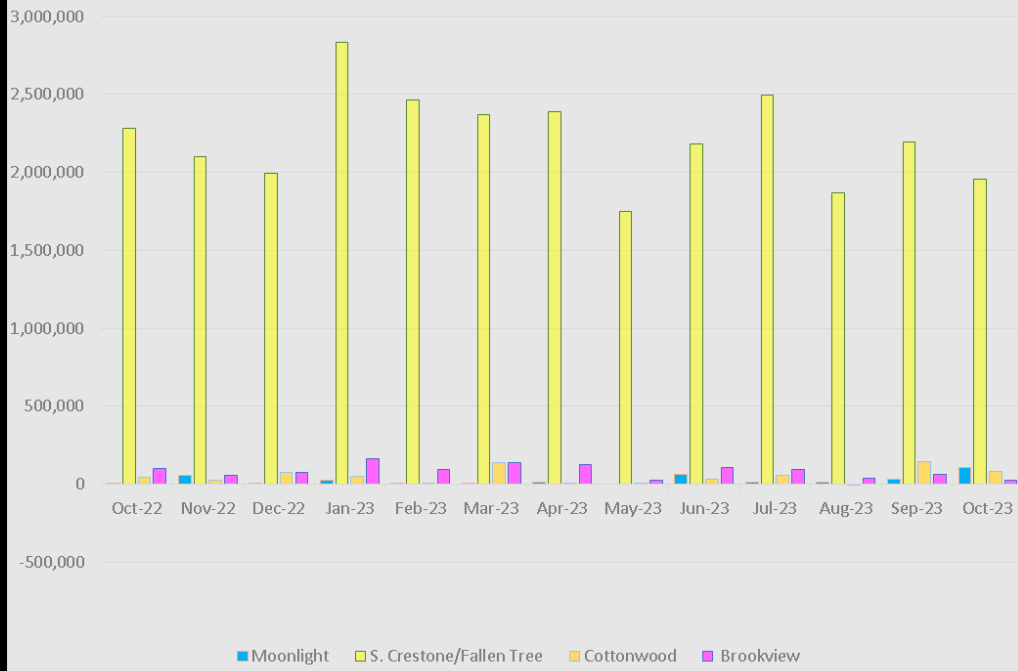
BGWSD Unaccounted Water Zone's



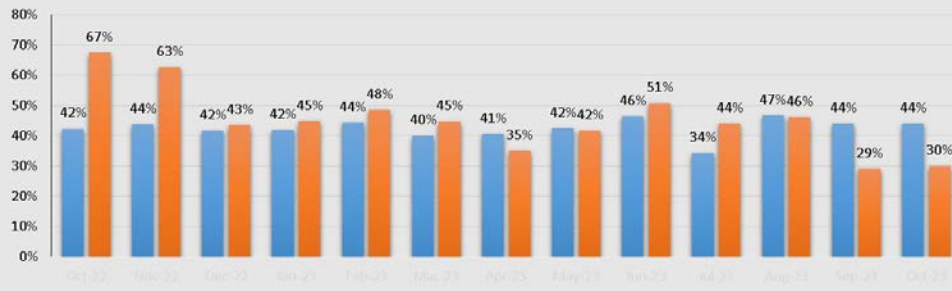
12/10/2020, 3:43:14 PM

1:72,224
 0 0.5 1 2 mi
 0 0.75 1.5 3 km
 Earthstar Geographics
 Base Oracle Water and Distribution
 Earthstar Geographics

Total Monthly Unaccounted in Gallons by Pressure Zone



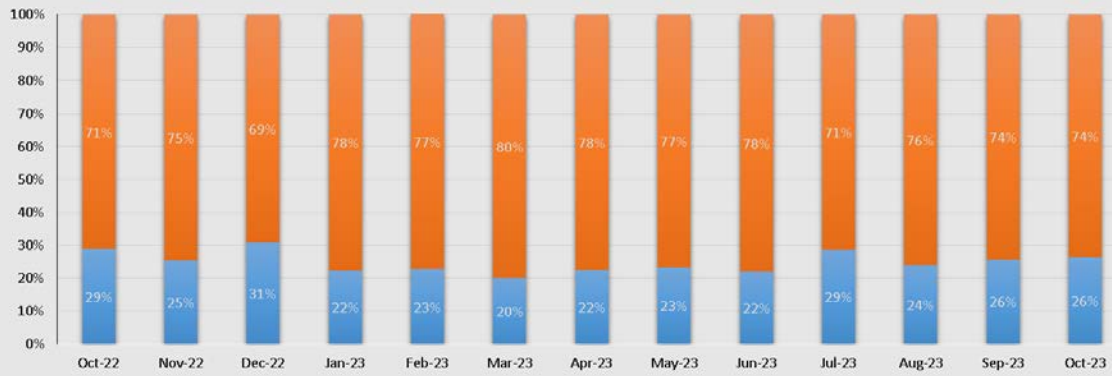
Percentage of Plant Capacities by Month at Aspen Wastewater Treatment Plant



	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
Plant % of Hydraulic Capacity	42%	44%	42%	42%	44%	40%	41%	42%	46%	34%	47%	44%	44%
Plant % of Organic Capacity	67%	63%	43%	45%	48%	45%	35%	42%	51%	44%	46%	29%	30%

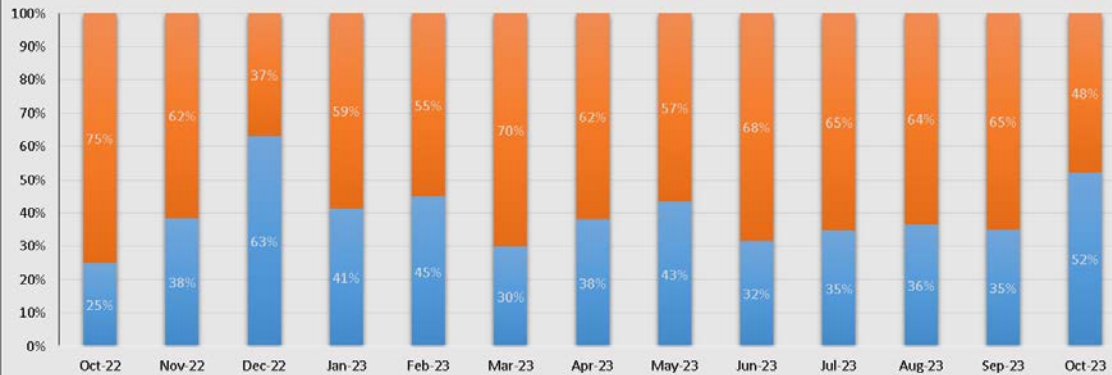
■ Plant % of Hydraulic Capacity ■ Plant % of Organic Capacity

Average % of Total Hydraulic Loading of Aspen Wastewater Treatment Plant by Month 2022-2023



■ Town of Crestone % of Hydraulic Loading ■ Baca % of Hydraulic Loading

Average % of Total Organic Loading of Aspen Wastewater Treatment Plant by Month of 2022-2023



■ Town of Crestone % of Organic Loading ■ Baca % of Organic Loading