

GREATROCK NORTH WATER AND SANITATION DISTRICT

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Greenwood Village, CO 80111
(P) 303-779-5710 (F) 303-779-0348
www.colorado.gov/greatrocknorthwsd

Mission: To provide the highest quality of water at the most affordable price for current customers and to provide for the expansion of the District as growth occurs.

NOTICE OF REGULAR MEETING AND AGENDA

DATE: August 2, 2022
TIME: 4:30 P.M.
LOCATION: This meeting will be held via teleconferencing and can be joined through the directions below:
ACCESS: You can attend the meeting in any of the following ways:

- 1. To attend via MS Teams videoconference use the below link –
https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGRmYmFhODAtMDM1Yi00NWY5LTgyYzktOTEzMGZkNjc4MzM2%40thread.v2/0?context=%7b%22Tid%22%3a%224aaa468e-93ba-4ee3-ab9f-6a247aa3ade0%22%2c%22Oid%22%3a%227e78628f-89cd-4e97-af6c-60df84b55ffe%22%7d
- 2. Or by calling 1-720-547-5281 & entering the following Phone Conference ID: **345 031 154#**

<u>Board of Directors:</u>	<u>Office</u>	<u>Term Expires</u>
John D. Wyckoff	President	May, 2025
Robert W. Fleck	Vice President	May, 2023
Lisa Jacoby	Treasurer	May, 2025
Brian K. Rogers	Secretary	May, 2023
Brenda Adams	Assistant Secretary	May, 2025

<u>Consultants:</u>	
Lisa A. Johnson	District Manager
Jennifer Gruber Tanaka, Esq.	District General Counsel
Erin K. Stutz, Esq.	
Nicholaus Marcotte, PE	District Engineer
Mike Murphy	District Operator in Responsible Charge

Greatrock North Water and Sanitation District
August 2, 2022 Agenda

- I. ADMINISTRATIVE MATTERS (Action Items Status Matrix – enclosure - 002).
 - A. Present Disclosures of Potential Conflicts of Interest.
 - B. Approve Agenda.
 - C. Board of Director’s Report.
 - D. District Manager’s Report (enclosure – 003).

- II. CONSENT AGENDA
 - A. These items are considered to be routine and will be approved by one motion. There will be no separate discussion of these items unless requested; in which event, the item will be removed from the Consent Agenda and considered in the Regular Agenda.
 1. Approve the Minutes of the July 5, 2022 regular meeting (enclosure – 004).
 2. Ratify approval of the payment of claims for the period ending July 26, 2022 in the amount of \$563,071.24 (enclosure - 005).
 3. Acceptance of unaudited financial statements for the period ending June 30, 2022, Schedule of Cash Position updated as of July 21, 2022, and Inclusion Summaries (enclosure – 006).
 4. Operations and Maintenance Activities Report (enclosure – 007).
 5. Review meter installation report (enclosure – 008).

- III. FINANCIAL MATTERS

- IV. ENGINEER’S REPORT (enclosure – 009)
 - A. Capital Projects Update
 1. Third Alluvial Well
 2. Evaporation Pond
 3. Reverse Osmosis Treatment Facility
 - a. Consider approval of Pay Application No. 8 to the Construction Contract with Moltz Construction, Inc. in the amount of \$677,181.47 (enclosure - 010).
 - b. Review and consider approval of a proposal from Greeley Lock and Key for secure access system (enclosure – 011).
 - c. Review of construction budget summary (enclosure – 012).
 - d. Ratify approval of proposal for Ramey Environmental Compliance to install a temporary VFD on fire pumps during turnover in the amount of \$1,731.67 (enclosure – 013).

- V. OPERATIONS AND MAINTENANCE MATTERS (ORC Report – enclosure – 014).

Greatrock North Water and Sanitation District
August 2, 2022 Agenda

VI. LEGAL MATTERS – WATER RIGHTS

- A. Review and consider approval of an easement agreement between the District and Town of Castle Rock to allow access to District property to install monitoring well and allow for maintenance and monitoring in perpetuity (to be distributed).

VII. OTHER MATTERS

- A. Status of Homestead Heights/Country Club Ranchettes #1.
- B. Status of Hayesmount Estates.
- C. Status of Ridgeview Estates.
- D. Status of Country Club Ranchettes Filing No. 2.

VIII. COMMUNITY COMMENTS (ITEMS NOT ON THE AGENDA ONLY. COMMENTS LIMITED TO 3 MINUTES PER PERSON AND TAKEN IN ORDER LISTED ON SIGN UP SHEET).

IX. ADJOURNMENT

**THE NEXT MEETING IS SCHEDULED
for Tuesday, September 6, 2022
at 4:30 p.m.**

Greatrock North Water and Sanitation District Action Items Status Matrix—2022

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
INCLUSION AND DEVELOPMENT MATTERS										
Homestead Heights Development (a/k/a Country Club Ranchettes Filing No. 1)	12/6/16	Nick	N/A	2		X				12/15/2020: Brad is reviewing submittals for the off-site water connections and requested information on the RHF check valve vault from Manhard Consulting. 1/7/2021: New list started. Items preceding 12/2020 on prior action items lists. 1/17/2021: Brad emails Laurie at Manhard re: the revised information Blanco needs to resubmit on the RHF check valve vault. 1/20/2021: Blanco emails revised submittal for RHF check valve vault to Brad. Brad to review and comment. 2/10/2021: Jay Skolnick indicates he has selected a different contractor to perform the work. Brad advised Jay the District needs a schedule and requires a pre-construction meeting. 2/18/2021: Brad emailed Jay to request a pre-construction meeting. 4/13/21: Jay Skolnick emails inquiry on status of construction observations on Blanco by Bryan Dalrymple; Brad forwards email to Bryan 4/19/21: MMI meeting with Bryan Dalrymple to review inspection and testing records cancelled due to weather forecast. 05/10/2021: A pre-construction meeting scheduled for May 11 for the on-site water system improvements was postponed since the developer does not have plans approved by Adams County therefore no work can be performed within the new rights-of-way. 05/10/2021: Adams County cannot approve the plans or issue any permits until the County has received and approved the surety for the SIA. 9/7/21: Nick is working with the developer to relocate fire hydrants per County requirements. 12/28/2021 – District notified that the County has potentially provided a variance on the relocation of hydrants. 02/23/2022 – water line and well easements approved by BOD. 3/25/2022 – 11 SDF’s collected to date. 06/01/2022 – 13 SDF’s collected to date.

Greatrock North Water and Sanitation District Action Items Status Matrix—2022

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
										06/28/2022- initial punch list provided to Jay. 7/26/2022 – 15 SDF’s collected to date. Lisa requested additional funds from developer to cover inclusion costs.
Ridgeview Estates	3/3/2020	Nick	N/A	2		X				12/10/2020: Brad meets w/ Blanco Inc. at site of water tie-in at Great Rock Way to review layout and design. 1/7/2021: New list started. Items preceding 12/2020 on prior action items lists. 1/7/2021: Met yesterday with Blanco regarding tie in at tank site. 1/13/2021: GN residents report brown water following tie-in in Great Rock Way. Bryan flushes fire hydrants. 2/18/2021: Brad talked with David Moore and emailed DM a request for an updated schedule for coordination with REC and testing required. 5/4/2021: onsite water improvements in process and project is almost complete. 7/19/21: Offsite water improvements was completed by REC. Onsite water system improvements initial acceptance will be provided after onsite surface improvements (asphalt, curb, gutter) have been placed. Element has notified the developer of this requirement on 7/6/21. 8/19/21: An initial walkthrough and punch list was generated and forwarded to the developer’s engineer. A response to the punch list is expected when items are complete. After completion a letter recommending initial acceptance will be generated. 9/7/21: Developer requested waiver of lien. Board discussed and denied request. Lisa to communicate to Developer. 12/28/2021 – Nick drafted initial acceptance letter and transmitted to developer. 2/23/2022 – Nick followed up with David Moore in February. 3/25/2022 – 7 SDF’s collected to date. 06/01/2022 – 10 SDF’s collected to date. 06/28/22 – 11 SDF’s collected to date. 7/26/2022 – 12 SDF’s collected to date. Lisa requested additional funds from developer to cover inclusion costs.

Greatrock North Water and Sanitation District Action Items Status Matrix—2022

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
CAPITAL PROJECT MATTERS										
Third Alluvial Well	2/5/19	Chris	N/A	2		X				<p>1/5/2021: Brad received memo from Tim Crawford regarding ALV-5. Quantity from well site is favorable. Quality less favorable than other locations but better from monitoring well. Memo summarizing results sent to Brad to review for comment.</p> <p>1/7/2021: New list started. Items preceding 2021 on prior action items lists.</p> <p>1/11/2021: Brad meets w/ Tony Lopez re: well site easement and pipeline easement. Brad to work up exhibit and discuss w/ Brian at Manhard.</p> <p>2/18/2021: Brad talked with Tim Crawford regarding the well site and pipeline easement needs.</p> <p>4/6/21: Brad emails proposed easements layout to Tim/Chris and requests information from Jay Skolnick and Brian Pfohl</p> <p>4/9/21: Jay indicates easements should be on title work.</p> <p>8/6/21: A meeting was held at Element offices to discuss the third alluvial well. Element is to generate a cost estimate to connect sites 3 and 4 to the existing raw water lines.</p>
Evaporation Pond Matters	1/1/19	Nick	N/A	1		X				<p>1/5/2021: Profile has not changed. Brad to submit to CDPHE again. Need to finalize easement with Jay. If cannot be finalized in 2 weeks, Board to consider moving forward with condemnation proceedings.</p> <p>1/7/2021: New list started. Items preceding 2021 on prior action items lists.</p> <p>1/7/2021: Brad to review options available to expedite process through CDPHE.</p> <p>1/20/2021: Lisa emailed Jody and Jennifer to schedule call related to condemnation efforts to acquire final easement needed to construct pond.</p> <p>2/2/2021: Brad working to finalize easement agreement and legal description. Brad to send to Lisa for next steps when complete.</p> <p>2/2/2021: Brad will provide updated cost estimate.</p> <p>4/9/2021: Brad asked to schedule a meeting with the committee to review additional information / may ask Nick to assist with Evaporation Pond project.</p>

Greatrock North Water and Sanitation District Action Items Status Matrix—2022

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
										<p>5/4/2021: Brad informed the Board that he is no longer able to continue with this project. The Board asked Lisa to gather a list of qualified firms and contact them to solicit interest and a proposal.</p> <p>7/6/2021: Nick to start working on the evaporation pond and prepare a new exhibit related to final easement with Jay Skolnick.</p> <p>7/19/21: Board has approved Element to complete the evaporative pond design. Work is ongoing.</p> <p>8/13/21: Design work on the evaporation pond and EDOP report is ongoing. Element is finalizing the easement with direct correspondence between Element and Jay’s engineer for CCR Filing 2.</p> <p>9/7/21: Nick is preparing an alternatives analysis regarding pond location and will present his findings at the October board meeting.</p> <p>1/24/22: The board selected the western pond location with the concentrate line in Hudson Mile Road. The design is now being completed in that location.</p> <p>1/24/22: Element requested quotes for utility potholing to confirm utility location and depth for crossings.</p> <p>2/23/2022 – Element working on permit requirements with Adams County.</p> <p>3/25/2022 – Public Meeting will be held on April 5th. Property owners were notified via mail.</p> <p>06/01/2022 – Element to finalize reports to submit to CDPHE and ADCO the week of May 30, 2022.</p> <p>6/28/22 – reports and submittals made to CDPHE and ADCO.</p>
RO Treatment Plant Upgrade	2/19/19	Nick	N/A	1		X				<p>12/1/2020: Nick provided updated to Board. Finalizing 95% plans. Followed up with CDPHE to get comments. No comments or questions received to date. Ran into issue with the concentrate line which was discussed with the Board.</p> <p>1/5/2021: No comments received from CDPHE yet.</p> <p>1/7/2021: New list started. Items preceding 12/2020 on prior action items lists.</p> <p>4/9/2021: Nick will follow up with CDPHE on status of final</p>

Greatrock North Water and Sanitation District Action Items Status Matrix—2022

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
										<p>project approval. Bids are due by April 16, 2021. 5/4/2021: BOD awarded contract to Moltz Construction. Nick to draft Notice of Award etc. BOD to review CM proposal and provide comments to Rob by 5/12/2021. 7/6/2021: Nick to prepare major PUD amendment and process through Adams County 7/19/21: Major PUD amendment notifications were sent out to required residences. The required public meeting will be held on 8/3. The application will be submitted to Adams County shortly after. 8/5/21: PUD Application submitted to Adams County. 8/20/21: Contractor requested permission to mobilize onsite. Permission granted. 9/16/21: Pre-construction meeting held to discuss access and begin site stage. 12/28/2021 – Nick and John attended planning commission meeting. Planning Commission approved the plan and recommends approval by BOCC in January. 1/11/22 – Nick and John attended the BOCC meeting. The project was approved at this meeting. 1/24/22 – Design to remove the sump by lowering the concentrate line in Rayburn are being finalized. This will be issued to the contractor as Field Order No. 1. 2/23/2022 – Project began in February. 3/25/2022 – Pay Apps 1-3 have been submitted and CO#1 has been submitted. 06/01/2022 – CO’s 2-5 have been approved and pay apps 1-6 as well. 7/26/2022 – CO’s 2-6 have been approved and pay apps 1-7 as well.</p>
SCADA/Telemetry Control Upgrade	2/19/19	Mike, Brian	N/A	1		X				<p>10/16/2020: Nick has developed control loop descriptions for review. 1/7/2021: New list started. Items preceding 12/2020 on prior action items lists.</p>
OPERATIONAL MATTERS										

Greatrock North Water and Sanitation District Action Items Status Matrix—2022

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
Rocks in Brine Discharge Pipe	6/4/19	Mike	N/A	3		X				1/7/2021: New list started. Items preceding 10/2020 on prior action items lists. 1/7/2021: Rocks not causing issues right now. Cannot push them out at any point. Would need to cut pipe, clean out and replace area. Do work with pond liner possibly. Not a current emergency. Mike to obtain pricing from Blanco and Dan LaCoe for doing work so can be incorporated into budget. 12/26/21: Site visit schedule first week of January to get Element Engineering updated on this project. 1/21/22: Element met with REC onsite to discuss potential remedies for this issue.
RHF Generator Replacement	1/7/2021	Mike	N/A	3		X				Mike to obtain pricing for replacement of generator. 4/12/2021: Generator Source onsite to gather information for RHF generator replacement. 12/8/21: Quote for new replacement submitted by Generator Source. 12/28/2021- Mike presented proposal at December meeting.
GFPD – Emergency Response Plan	01/04/2022	Mike Lisa	N/A	2						Mike and Lisa to contact GFPD to discuss emergency response plan in the event of a fire. 06/28/2022 – Mike to discuss with GBFPD and HFPD. 7/26/2022 – Mike confirmed GBFPD is the service provider and will schedule a meeting to discuss a plan.
WELL AND WATER MATTERS										
19CW3231 – Statement of Opposition	3/3/2020	Matt	N/A	1		X				2/28/2020: Statement of opposition filed with Court.
20CW3214 – Statement of Opposition	1/5/2021	Lisa Alan	N/A	1		X				Lisa to contact Alan Curtis re representation of District on matter. Case requests for changes of water rights on Box Elder Creek and amendments to a previously decreed augmentation plan that has depletions and replacements on Box Elder Creek. 01/20/2021: Lisa obtained executed engagement letter from all parties. Lisa working with Martin and Wood to discuss the current need for water rights engineering services.
Renewable Water Rights	5/4/2021	Chris	N/A			X				Chris presented options for acquisition of renewable water rights. BOD directed Chris to continue discussions with all options presented.

Greatrock North Water and Sanitation District Action Items Status Matrix—2022

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
										3/25/2021 – BOD directed Chris to continue discussions for renewable water rights options.
FINANCIAL MATTERS										
ADMINISTRATIVE MATTERS										
Cybersecurity Efforts	3/2/21	Mike	N/A			X				3/2/21: Brad is meeting with the firm that has proposed for SCADA/telemetry on the new plant to discuss protections within their system. 3/2/21: Mike will work with TLECC to discuss additional options for protection of current system.



Date: July 26, 2022

To: Greatrock North Water and Sanitation District, Board of Directors

From: Lisa A. Johnson, District Manager

Re: August 2, 2022 Manager's Report

Agenda Action Items

II.A. Consent Agenda

1. Approve the Minutes of the July 5, 2022 regular meeting.
2. Ratify approval of the payment of claims for the period ending July 31, 2022.
3. Operations and Maintenance Activities Report.
4. Review meter installation report.
5. Acceptance of unaudited financial statements, cash position schedule and property tax schedule for the period ending June 30, 2022 and inclusion summaries.

I recommend approval of the consent agenda items.

VII.A.1. Homestead Heights/ Country Club Ranchettes #1

Updates included in Engineer's Report. In addition, 15 System Development Fees have been collected to date.

VII.B. Hayesmount Estates

20 System Development Fees have been paid as of December 7, 2021.

VII.C. Ridgeview Estates

Updates provided in the Engineer's Report. In addition, 12 System Development Fees have been collected to date.

VII.D. Country Club Ranchettes Filing No. 2 (“CC#2”)

Nothing new to update at this time.

Review of monthly Water Resumes and Other Water Related Matters

Attorney Poznanovic has reviewed the May resume and found no cases he recommends the district oppose.

Update on other District Related Matters and/or Committee Meetings

Director Wyckoff, Director Rogers at times, Mr. Marcotte, and I are meeting on Friday mornings at 9 am via Microsoft Teams as needed to discuss weekly updates on the capital projects as well as any operational matters.

In addition, I also attend the weekly capital project call regarding the RO Treatment project.

The leak found in the meter pit at 16520 Timber Cove Street was repaired by Northern Colorado Constructors. The fee to repair was @ \$2700.

RECORD OF PROCEEDINGS

MINUTES OF A REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE GREATROCK NORTH WATER AND SANITATION DISTRICT HELD JULY 5, 2022

A regular meeting of the Board of Directors (referred to hereafter as “Board”) of the Greatrock North Water and Sanitation District (referred to hereafter as “District”) was convened on Tuesday, July 5, 2022 at 4:30 P.M. The meeting was conducted via video conference – Microsoft Teams. The meeting was open to the public.

ATTENDANCE

Directors in attendance:

Robert W. Fleck
John D. Wyckoff
Lisa Jacoby
Brian K. Rogers
Brenda Adams

Also in attendance were:

Lisa A. Johnson, Michael Jensen, Shauna D’Amato, and Jason Carroll;
CliftonLarsonAllen LLP (“CLA”)
Mike Murphy; Ramey Environmental Compliance, Inc.
Nick Marcotte; Element Engineering, LLC

ADMINISTRATIVE MATTERS

Disclosures of Potential Conflicts of Interest: Ms. Johnson advised the Board that, pursuant to Colorado law, certain disclosures may be required prior to taking official action at the meeting. The Board reviewed the Agenda for the meeting, following which, Directors Fleck, Wyckoff, Rogers, and Jacoby each confirmed that they had no conflicts of interest in connection with any of the matters listed on the Agenda. Director Adams noted that she serves on the HOA Board for Box Elder Creek Ranch.

Agenda: Ms. Johnson distributed for the Board’s review and approval a proposed Agenda for the District’s regular meeting. Following discussion, upon a motion duly made by Director Jacoby, seconded by Director Wyckoff and, upon vote, unanimously carried, the Board approved the Agenda as amended.

Board of Director’s Report: None.

District Manager’s Report: The Board reviewed the monthly Manager’s Report. There were no questions. A copy of the report is attached hereto and incorporated herein by this reference.

RECORD OF PROCEEDINGS

CONSENT AGENDA

The Board considered the following actions:

1. Approve the Minutes of the June 7, 2022 regular meeting.
2. Ratify approval of the payment of claims for the period ending June 29, 2022 in the amount of \$203,200.83.
3. Operations and Maintenance Activities Report.
4. Review meter installation report.
5. Acceptance of unaudited financial statements for the period ending May 31, 2022, Schedule of Cash Position updated as of June 28, 2022, and inclusion summaries.

Following discussion, upon a motion duly made by Director Adams, seconded by Director Jacoby and, upon vote, unanimously carried, the Board approved the Consent Agenda items.

FINANCIAL MATTERS

Status of 2021 Audit: Mr. Carroll presented the draft 2021 Audit to the Board. Following review and discussion, upon a motion duly made by Director Rogers, seconded by Director Wyckoff and, upon vote, unanimously carried, the Board accepted the draft 2021 Audit as presented, subject to the receipt of an unmodified opinion from the auditor.

ENGINEER'S REPORT

Mr. Marcotte presented his Engineer's Report and provided updates. A copy of the report is attached hereto and incorporated herein by this reference.

CAPITAL PROJECTS UPDATES:

Third Alluvial Well: No new update.

Evaporation Pond: An update was included in the Engineer's Report.

Reverse Osmosis Treatment Facility: An update was included in the Engineer's Report.

- **Pay Application No. 7 to the Construction Contract with Moltz Construction, Inc. in the Amount of \$372,814.17:** Mr. Marcotte presented Pay Application No. 7 to the Board. Following review and discussion, upon a motion duly made by Director Wyckoff, seconded by Director Rogers and, upon vote, unanimously carried, the Board approved Pay Application No. 7 to the Construction Contract with Moltz Construction, Inc. in the amount of \$372,814.17.
- **Change Order No. 6 to the Construction Contract with Moltz Construction, Inc. in the Amount of \$7,974.00 for Stud Size Revisions to Partition Walls:** Mr. Marcotte presented Change Order No. 6 to the Board. Following review and discussion, upon a motion

RECORD OF PROCEEDINGS

duly made by Director Wyckoff, seconded by Director Rogers and, upon vote, unanimously carried, the Board approved Change Order No. 6 to the Construction Contract with Moltz Construction, Inc. in the amount of \$7,974.00 for stud size revisions to partition walls.

- **Change Order No. 7 to the Construction Contract with Moltz Construction, Inc. in the Amount of \$16,266.00 to Replace the Tee at Station 1+00 on the Concentrate Pipeline with a Cross and add Plug Valves on the West and South Legs of the Cross:** Following review and discussion, upon a motion duly made by Director Wyckoff, seconded by Director Rogers and, upon vote, unanimously carried, the Board ratified approval of Change Order No. 7 to the Construction Contract with Moltz Construction, Inc. in the amount of \$16,266.00 to replace the tee at station 1+00 on the concentrate pipeline with a cross and add plug valves on the west and south legs of the cross.

OPERATIONS / MAINTENANCE MATTERS

Operator in Responsible Charge (ORC) Report: Mr. Murphy presented his report and provided updates. A copy of the report is attached hereto and incorporated herein by this reference.

LEGAL MATTERS

None.

OTHER MATTERS

Status of Homestead Heights/Country Club Ranchettes #1:

a. Acknowledge Initial Acceptance Punch List

The Board acknowledged the initial acceptance of the Punch List.

Status of Hayesmount Estates: There were no new updates.

Status of Ridgeview Estates: There were no new updates.

Status of Country Club Ranchettes Filing #2: There were no new updates.

COMMUNITY COMMENTS

None.

ADJOURNMENT

There being no further business to come before the Board at this time, upon a motion duly made by Director Fleck, seconded by Director Wyckoff and, upon vote, unanimously carried, the meeting was adjourned at 5:33 p.m.

RECORD OF PROCEEDINGS

Respectfully submitted,

By _____
Secretary for the Meeting

Greatrock North Water & Sanitation District
June Claims
July 26, 2022

Vendor	Invoice #	Date	Amount
*CenturyLink	7191112907JUL22	7/1/2022	\$ 280.64
*My Asset Map LLC	E5F5CDB-0053	6/27/2022	199.99
*United Power Inc	2893502JUN22	6/30/2022	740.51
*United Power Inc	12341500JUN22	6/30/2022	1,180.54
*United Power Inc	6666302JUN22	6/30/2022	1,924.45
*United Power Inc	7891601JUN22	6/30/2022	3,350.81
*Xcel Energy	5398600067JUN22	6/30/2022	53.40
*Xcel Energy	5336053542JUN22	6/30/2022	53.40
		Auto Pay	<u>\$ 7,783.74</u>
Badger Meter, Inc.	80101518	6/30/2022	436.10
CDPHE	FEW2200102	6/27/2022	1,000.00
CliftonLarsonAllen LLP	3343251	6/30/2022	3,991.68
CliftonLarsonAllen LLP	3341700	6/30/2022	7,798.30
CliftonLarsonAllen LLP	3343258	6/30/2022	7,914.38
Diversified Underground	25950	6/30/2022	290.00
Element Engineering, LLC	0006-02	6/30/2022	300.00
Element Engineering, LLC	0005-06	6/30/2022	2,175.00
Element Engineering, LLC	0002C-12	6/30/2022	6,205.00
Element Engineering, LLC	0001B-06	6/30/2022	8,828.00
Elite Industries, Inc.	20689	7/1/2022	978.00
Hayes Poznanovic Korver LLC	46164	6/30/2022	147.00
Hayes Poznanovic Korver LLC	46163	6/30/2022	661.50
Hayes Poznanovic Korver LLC	46165	6/30/2022	1,104.00
Moltz Construction Inc.	Pay App #5	4/30/2022	115,854.84
Moltz Construction Inc.	Pay App #7	6/30/2022	372,814.17
Northern Colorado Constructors, Inc.	22-3427	7/15/2022	2,700.00
Pest Predator	2979	6/28/2022	240.00
Ramey Enviromental Compliance, Inc	24137	6/29/2022	1,000.00
Ramey Enviromental Compliance, Inc	24138	6/29/2022	1,050.00
Ramey Enviromental Compliance, Inc	24139	6/29/2022	1,050.00
Ramey Enviromental Compliance, Inc	24135	6/30/2022	10,698.47
Special District Association	#ejg1ARa	7/1/2022	375.00
Treatment Technology	187220	6/28/2022	346.35
Treatment Technology	187291	7/7/2022	1,312.50
White & Jankowski LLP	18248	6/30/2022	1,351.00
White Bear Ankele Tanaka & Waldron	22918	6/30/2022	3,646.51
Worth Hydrochem	110061N	7/20/2022	1,019.70
		Bill.com	<u>\$ 555,287.50</u>
Grand Total			<u><u>\$ 563,071.24</u></u>

GREATROCK NORTH WATER & SANITATION DISTRICT
FINANCIAL STATEMENTS
JUNE 30, 2022

GREATROCK NORTH WATER & SANITATION DISTRICT
Statement of Net Position - Enterprise Fund
JUNE 30, 2022

	Enterprise
CURRENT ASSETS	
First Bank - Checking	\$ 52,216
First Bank - Lockbox	1,552,455
Colotrust	3,227,700
Accounts Receivable - Customers	34,836
Accounts Receivable - Certified with County	1,374
Receivable from County Treasurer	407,443
Account Receivable - Other	65,792
AR - Inclusions	13,826
Prepaid Expense	42
Total Current Assets	5,355,684
CAPITAL ASSETS	
Water Distribution System	9,625,966
Land	94,243
Water Rights	980,105
Easements	152,989
Construction in Progress	2,698,581
Accumulated Depreciation	(3,799,290)
Net Capital Assets	9,752,594
OTHER ASSETS	
Prepaid Bond Insurance, Net	18,551
Deferred Loss on Refunding	66,166
Other Assets	84,717
TOTAL ASSETS	\$ 15,192,995
LIABILITIES AND DEFERRED INFLOWS OF RESOURCES	
CURRENT LIABILITIES	
Accounts Payable	\$ 556,205
Retainage Payable	69,076
Due to County Treasurer	2,912
Deposit - Refundable Water Meter	850
Accrued Interest Payable	16,683
Bond Series 2017 - Current Portion	85,000
Loan Series 2020 - Current Portion	105,000
Total Current Liabilities	835,726
LONG - TERM LIABILITIES	
Loan - Series 2020	1,755,000
GO Bonds - Series 2017	4,375,000
Bond Premium, Net	237,918
Total Long-Term Liabilities	6,367,918
DEFERRED INFLOWS OF RESOURCES	
Unearned Service Fees	5,418
Total Deferred Inflows of Resources	5,418
NET POSITION	
Net Position	7,983,933
Total Net Position	7,983,933
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES	
AND NET POSITION	\$ 15,192,995

No assurance is provided on these financial statements. Substantially all required disclosures, the government-wide financial statements, and the statement of revenues, expenditures and changes in fund balances – governmental funds have been omitted.

GREATROCK NORTH WATER & SANITATION DISTRICT
STATEMENT OF REVENUES, EXPENSES
AND CHANGES IN NET POSITION
FOR THE SIX MONTHS ENDED JUNE 30, 2022

ENTERPRISE FUND

	Year to Date Actual
OPERATING REVENUES:	
Service Charges - Greatrock	\$ 64,712
Service Charges - Rocking Horse	43,161
Service Charges - Box Elder	81,043
Service Charges - Hayesmount	9,123
Inspection Fees	630
Transfer Fees	(542)
Utility Penalties	3,898
SDF - Ridgeview Estates	219,000
SDF - Country Club Ranchettes	153,300
TOTAL OPERATING REVENUES	574,325
OPERATING EXPENSES:	
Utilities	32,737
Customer Billing	19,920
Distribution System Mntc	3,751
Engineering - Administration	17,090
Engineering - Operations	8,318
Facility Maintenance & Repair	10,324
Generator Preventative Mntc	6,616
GIS	1,215
Locates	2,434
Meter Reading	165
Operator Services	55,271
Plant Supplies	24,450
Testing and Reporting	5,115
Treatment - Maintenance & Repair	6,109
Water Meters - Cap	2,303
Water Rights Dev - Eng.	14,904
Water Rights Dev - Legal	5,695
TOTAL OPERATING EXPENSES	216,417
NET INCOME (LOSS)	357,908
OTHER REVENUES AND (EXPENDITURES)	
Property Taxes	993,901
Specific Ownership Taxes	28,867
Interest Income	8,833
Available of Service Fees	1,375
Inclusion - Country Club Ranch #2	(2,763)
Inclusion - Ridgeview Estates	2,000
Inclusion - Homestead Heights	2,000
Inclusion - Epic Estates	10,000
Accounting	(24,038)
Audit	(4,237)
County Treasurer's Fee	(14,907)
Directors' Fees	(2,500)
District Management	(40,954)
Dues and Membership	(541)

No assurance is provided on these financial statements. Substantially all required disclosures, the government-wide financial statements, and the statement of revenues, expenditures and changes in fund balances – governmental funds have been omitted.

**GREATROCK NORTH WATER & SANITATION DISTRICT
STATEMENT OF REVENUES, EXPENSES
AND CHANGES IN NET POSITION
FOR THE SIX MONTHS ENDED JUNE 30, 2022**

ENTERPRISE FUND

Election	(3,407)
Insurance and Bonds	(19,181)
Legal	(11,007)
Miscellaneous	(4,494)
Bond Interest - 2017	(87,822)
Loan Interest - 2020	<u>(12,248)</u>
TOTAL OTHER REVENUES AND (EXPENDITURES)	<u>818,877</u>
 CHANGE IN NET POSITION	 <u>1,176,785</u>
 BEGINNING NET POSITION	 <u>6,807,153</u>
 ENDING NET POSITION	 <u>\$ 7,983,938</u>

SUPPLEMENTARY INFORMATION

GREATROCK NORTH WATER & SANITATION DISTRICT
SCHEDULE OF REVENUES, EXPENDITURES AND
CHANGES IN NET POSITION - BUDGET AND ACTUAL
FOR THE SIX MONTHS ENDED JUNE 30, 2022

ENTERPRISE FUND

	<u>Annual Budget</u>	<u>Year to Date Actual</u>	<u>Variance</u>	<u>YTD Actual / Annual Budget</u>
REVENUES				
Service Charges - Greatrock	\$ 163,723	\$ 64,712	\$ (99,011)	39.53 %
Service Charges - Rocking Horse	120,355	43,161	(77,194)	35.86 %
Service Charges - Box Elder	198,813	81,043	(117,770)	40.76 %
Service Charges - Hayesmount	25,676	9,123	(16,553)	35.53 %
Inspection Fees	2,000	630	(1,370)	31.50 %
Transfer Fees	3,000	(542)	(3,542)	(18.07)%
Utility Penalties	5,000	3,898	(1,102)	77.96 %
Water Meters	3,000	-	(3,000)	-%
Dev Fees - Hayesmount Estates	42,600	-	(42,600)	-%
Box Elder - Water Lease Irrigation	7,500	-	(7,500)	-%
SDF - Ridgeview Estates	350,400	219,000	(131,400)	62.50 %
SDF - Country Club Ranchettes	-	153,300	153,300	-%
Property Taxes	1,024,523	993,901	(30,622)	97.01 %
Specific Ownership Taxes	71,717	28,867	(42,850)	40.25 %
Interest Income	3,000	8,833	5,833	294.43 %
Available of Service Fees	3,000	1,375	(1,625)	45.83 %
Inclusion - Country Club Ranch #2	-	(2,763)	(2,763)	-%
Inclusion - Ridgeview Estates	-	2,000	2,000	-%
Inclusion - Homestead Heights	-	2,000	2,000	-%
Inclusion - Epic Estates	-	10,000	10,000	-%
TOTAL REVENUES	<u>2,024,307</u>	<u>1,618,538</u>	<u>(405,769)</u>	<u>79.96 %</u>
EXPENDITURES				
Administrative	312,139	125,267	186,872	40.13 %
Operations	753,780	216,419	537,361	28.71 %
Capital	4,778,615	1,434,764	3,343,851	30.02 %
Debt Service	391,396	100,070	291,326	25.57 %
TOTAL EXPENDITURES	<u>6,235,930</u>	<u>1,876,520</u>	<u>4,359,410</u>	<u>30.09 %</u>
OTHER FINANCING SOURCES (USES)				
TOTAL OTHER FINANCING SOURCES (USES)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-%</u>
REVENUES OVER (UNDER) EXPENDITURES - BUDGET BASIS				
	<u>(4,211,623)</u>	<u>(257,982)</u>	<u>3,953,641</u>	
BEGINNING FUNDS AVAILABLE				
ENDING FUNDS AVAILABLE		<u>4,962,523</u>		
		<u>\$ 4,704,541</u>		
ADJUSTMENTS TO RECONCILE BUDGET BASIS TO GAAP BASIS				
Capital Assets, Net		9,752,594		
Debt Obligation, Net		(6,467,783)		
Deferred Inflow of Resources		(5,418)		
ENDING NET POSITION		<u>\$ 7,983,934</u>		

No assurance is provided on these financial statements. Substantially all required disclosures, the government-wide financial statements, and the statement of revenues, expenditures and changes in fund balances – governmental funds have been omitted.

GREATROCK NORTH WATER & SANITATION DISTRICT
SCHEDULE OF EXPENDITURE DETAIL
FOR THE SIX MONTHS ENDED JUNE 30, 2022

ENTERPRISE FUND

	Annual Budget	Year to Date Actual	Variance	YTD Actual / Annual Budget
Administrative				
Accounting	\$ 48,000	\$ 24,038	\$ 23,962	50.08 %
Audit	10,000	4,237	5,763	42.37 %
County Treasurer's Fee	15,368	14,907	461	97.00 %
Directors' Fees	6,000	2,500	3,500	41.67 %
District Management	90,000	40,954	49,046	45.50 %
Dues and Membership	1,300	541	759	41.62 %
Election	50,000	3,407	46,593	6.81 %
Insurance and Bonds	19,621	19,181	440	97.76 %
Legal	64,350	11,007	53,343	17.10 %
Miscellaneous	7,000	4,494	2,506	64.20 %
Payroll Taxes	500	-	500	-%
Total Administrative	312,139	125,266	186,873	40.13 %
Operations				
Utilities	65,000	32,737	32,263	50.36 %
Contingency	75,000	-	75,000	-%
Customer Billing	30,700	19,920	10,780	64.89 %
Distribution System Mntc	4,700	3,751	949	79.81 %
Engineering - Administration	35,550	17,090	18,460	48.07 %
Engineering - Operations	35,550	8,318	27,232	23.40 %
Equipment and Tools	5,000	-	5,000	-%
Facility Maintenance & Repair	10,000	10,324	(324)	103.24 %
Generator Preventative Mntc	12,600	6,616	5,984	52.51 %
GIS	7,000	1,215	5,785	17.36 %
Locates	8,000	2,434	5,566	30.43 %
Meter Reading	3,600	165	3,435	4.58 %
Operator Services	104,543	55,271	49,272	52.87 %
Plant Supplies	19,000	24,450	(5,450)	128.68 %
Project Mgmt / Oper Admin	11,200	-	11,200	-%
Rules and Regulations	1,000	-	1,000	-%
Testing and Reporting	12,267	5,115	7,152	41.70 %
Treatment - Maintenance & Repair	100,570	6,109	94,461	6.07 %
Water Meters - Cap	1,000	2,303	(1,303)	230.30 %
Water Rights Dev - Eng.	41,500	14,904	26,596	35.91 %
Water Rights Dev - Legal	80,000	5,695	74,305	7.12 %
Well - Rehab & Repair	90,000	-	90,000	-%
Total Operations	753,780	216,417	537,363	28.71 %
Capital				
Alluvial Well	102,000	-	102,000	-%
Concentrate Pond	2,500,000	16,902	2,483,098	0.68 %
Reverse Osmosis Unit Upgrade	2,176,615	1,417,862	758,753	65.14 %
Total Capital	4,778,615	1,434,764	3,343,851	30.02 %
Debt Service				
Bond Principal - 2017	85,000	-	85,000	-%
Loan Principal - 2020	105,000	-	105,000	-%
Bond Interest - 2017	175,644	87,822	87,822	50.00 %
Loan Interest - 2020	24,552	12,248	12,304	49.89 %
Paying Agent Fees	1,200	-	1,200	-%
Total Debt Service	391,396	100,070	291,326	25.57 %
TOTAL	\$ 6,235,930	\$ 1,876,517	\$ 4,359,413	30.09 %

No assurance is provided on these financial statements. Substantially all required disclosures, the government-wide financial statements, and the statement of revenues, expenditures and changes in fund balances – governmental funds have been omitted.

**GREATROCK NORTH WATER AND SANITATION DISTRICT
2022 BUDGET
SUMMARY OF SIGNIFICANT ASSUMPTIONS**

Services Provided

Greatrock North Water and Sanitation District (District), was organized on May 27, 1998, as a quasi-municipal corporation and a political subdivision of the State of Colorado, and is governed pursuant to provisions of the Colorado Special District Act (Title 32, Article 1, Colorado Revised Statutes). The District's service area is located in Adams County, Colorado. The District's purpose is to design, financing, acquisition and construction of certain infrastructure improvements necessary to provide public water and stormwater drainage and detention to the property owners and residents of the District.

The District has no employees and all operations and administrative functions are contracted.

The District prepares its budget on the modified accrual basis of accounting in accordance with the requirements of Colorado Revised Statutes C.R.S. 29-1-105 using its best estimates as of the date of the budget hearing. These estimates are based on expected conditions and its expected course of actions. The assumptions disclosed herein are those that the District believes are significant to the budget. There will usually be differences between the budget and actual results, because events and circumstances frequently do not occur as expected, and those differences may be material. For financial statements reporting under generally accepted accounting principles (GAAP), the District uses the full accrual basis of accounting. Consequently, the terminology of "Funds Available" is used in the budget to distinguish the difference from GAAP accounting for Fund Balance. Funds Available represents each fund's current assets less its current liabilities except for the current portion of long-term debt. In addition, the budget separates individual funds, which are included as one entity in the GAAP presentation.

The budget provides for the annual debt service on the District's general obligation debt as well as the general operation of the District and capital improvements.

Revenues

Property Taxes

Property taxes are levied by the District's Board of Directors. The levy is based on assessed valuations determined by the County Assessor generally as of January 1 of each year. The levy is normally set by December 15 by certification to the County Commissioners to put the tax lien on the individual properties as of January 1 of the following year. The County Treasurer collects the determined taxes during the ensuing calendar year. The taxes are payable by April or, if in equal installments, at the taxpayer's election, in February and June. Delinquent taxpayers are notified in August and generally sales of the tax liens on delinquent properties are held in November or December. The County Treasurer remits the taxes collected monthly to the District.

The calculation of the taxes levied is displayed on the Property Tax Summary Information page of the budget using the adopted mill levy imposed by the District.

**GREATROCK NORTH WATER AND SANITATION DISTRICT
2022 BUDGET
SUMMARY OF SIGNIFICANT ASSUMPTIONS**

Revenues (continued)

Specific Ownership Taxes

Specific ownership taxes are set by the State and collected by the County Treasurer, primarily on vehicle licensing within the County as a whole. The specific ownership taxes are allocated by the County Treasurer to all taxing entities within the County. The budget assumes that the District's share will be equal to approximately 7% of the property taxes collected by the General Fund and Debt Service Fund.

Water Service Charges

The District bills its customers monthly for water services. Revenue for water service is comprised of billings to residential customers. Fees are based upon a base fee and water meter readings at established rates.

Availability of Service Fees

The District anticipates collecting approximately \$3,000 in availability of service fees. Availability of service fees are imposed on properties in need of future services.

Water Lease Irrigation

The District anticipates collecting \$7,500 from Box Elder Creek Ranch Water Company for the option to lease a portion of its Laramie-Fox Hills aquifer ground water available for specific uses.

Net Investment Income

Interest earned on the District's available funds has been estimated based on historical interest earnings.

Expenditures

Administrative and Operating Expenditures

Administrative expenditures include the estimated services necessary to maintain the District's administrative viability such as legal, management, accounting, insurance, and meeting expense. Operating and maintenance expenditures are estimated expenditures related to the operation, repair and maintenance of the District water plant and systems.

County Treasurer's Fees

County Treasurer's fees have been computed at 1.5% of property tax collections.

Capital Outlay

The budget anticipates construction activity during 2022, primarily for infrastructure improvements within the development. These expenditures are detailed within the budget.

**GREATROCK NORTH WATER AND SANITATION DISTRICT
2022 BUDGET
SUMMARY OF SIGNIFICANT ASSUMPTIONS**

Expenditures (continued)

Debt Service

Principal and interest payments in 2022 are provided based on the debt amortization schedule from the \$4,750,000 Series 2017 General Obligation Refunding and Improvement Bonds and the \$1,970,000 Series 2020 Loan Agreement (discussed under Debt and Leases).

Debt and Leases

Series 2017

On December 21, 2017, the District issued \$4,750,000 in Series 2017 General Obligation Refunding and Improvement Bonds, which bears average interest of 2.950%, maturing on December 1, 2044. The Series 2017 Bonds refunded the Series 2007 Bonds and provided \$2,000,000 for capital infrastructure projects.

The bonds are secured by and payable from the levy of ad valorem taxes consisting of monies derived by the District from the following sources, net of any collection costs (1) revenues from an ad valorem mill levy imposed upon all taxable property of the District each year, and (2) the portion of the specific ownership tax which is collected as a result of the imposition of the mill levy. The District is required to levy an ad valorem tax to pay the principal of, and interest on, the bonds without limitation as to rate and in an amount sufficient to pay the bonds when due. The adopted mill levies imposed the District, are displayed on the Property Tax Summary Information page of the budget.

Series 2020

On September 10, 2020, the District issued \$1,970,000 of debt under the Series 2020 Loan Agreement, which bears interest of 1.320%, maturing on December 1, 2030. The Series 2020 Loan refunded the Series 2010 Bonds.

The bonds are secured by and payable from the levy of ad valorem taxes consisting of monies derived by the District from the following sources, net of any collection costs (1) revenues from an ad valorem mill levy imposed upon all taxable property of the District each year, and (2) the portion of the specific ownership tax which is collected as a result of the imposition of the mill levy. The District is required to levy an ad valorem tax to pay the principal of, and interest on, the bonds without limitation as to rate and in an amount sufficient to pay the bonds when due. The adopted mill levies imposed the District, are displayed on the Property Tax Summary Information page of the budget.

The District has no capital or operating leases.

**GREATROCK NORTH WATER AND SANITATION DISTRICT
2022 BUDGET
SUMMARY OF SIGNIFICANT ASSUMPTIONS**

Reserves

Emergency Reserve

The District has provided for an emergency reserve equal to at least 3% of the fiscal year spending as defined under TABOR.

This information is an integral part of the accompanying budget.

GREATROCK NORTH WATER AND SANITATION DISTRICT
SCHEDULE OF DEBT SERVICE REQUIREMENT TO MATURITY
December 31, 2022

\$4,730,000 General Obligation Refunding and Improvement Bonds - Series 2017 Dated November 14, 2017 Interest Rate - 2.00% -5.00% Interest due June 1 and December 1 Principal due December 1			\$1,970,000 General Obligation Refunding Bonds Series 2020 Dated December 1, 2020 Interest Rate - 1.32% Interest due June 1 and December 1 Principal due December 1			TOTALS				
Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total		
2022	\$ 85,000	\$ 175,644	\$ 260,644	\$ 105,000	\$ 24,552	\$ 129,552	2022	\$ 190,000	\$ 200,196	\$ 390,196
2023	-	172,244	172,244	190,000	23,166	213,166	2023	190,000	195,410	385,410
2024	-	172,244	172,244	210,000	20,658	230,658	2024	210,000	192,902	402,902
2025	-	172,244	172,244	215,000	17,886	232,886	2025	215,000	190,130	405,130
2026	-	172,244	172,244	215,000	15,048	230,048	2026	215,000	187,292	402,292
2027	-	172,244	172,244	230,000	12,210	242,210	2027	230,000	184,454	414,454
2028	-	172,244	172,244	225,000	9,174	234,174	2028	225,000	181,418	406,418
2029	-	172,244	172,244	230,000	6,204	236,204	2029	230,000	178,448	408,448
2030	-	172,244	172,244	240,000	3,168	243,168	2030	240,000	175,412	415,412
2031	240,000	172,244	412,244	-	-	-	2031	240,000	172,244	412,244
2032	250,000	162,644	412,644	-	-	-	2032	250,000	162,644	412,644
2033	260,000	152,644	412,644	-	-	-	2033	260,000	152,644	412,644
2034	270,000	142,243	412,243	-	-	-	2034	270,000	142,243	412,243
2035	280,000	131,444	411,444	-	-	-	2035	280,000	131,444	411,444
2036	290,000	120,243	410,243	-	-	-	2036	290,000	120,243	410,243
2037	300,000	108,644	408,644	-	-	-	2037	300,000	108,644	408,644
2038	315,000	96,643	411,643	-	-	-	2038	315,000	96,643	411,643
2039	320,000	84,044	404,044	-	-	-	2039	320,000	84,044	404,044
2040	345,000	68,043	413,043	-	-	-	2040	345,000	68,043	413,043
2041	360,000	50,794	410,794	-	-	-	2041	360,000	50,794	410,794
2042	370,000	38,644	408,644	-	-	-	2042	370,000	38,644	408,644
2043	385,000	26,156	411,156	-	-	-	2043	385,000	26,156	411,156
2044	390,000	13,163	403,163	-	-	-	2044	390,000	13,163	403,163
	<u>\$ 4,460,000</u>	<u>\$ 2,921,189</u>	<u>\$ 7,381,189</u>	<u>\$ 1,860,000</u>	<u>\$ 132,066</u>	<u>\$ 1,992,066</u>		<u>\$ 6,320,000</u>	<u>\$ 3,053,255</u>	<u>\$ 9,373,255</u>

No assurance is provided on these financial statements. Substantially all required disclosures, the government-wide financial statements, and the statement of revenues, expenditures and changes in fund balances – governmental funds have been omitted.

GREATROCK NORTH WATER & SANITATION DISTRICT
Schedule of Cash Position
June 30, 2022
Updated as of July 21, 2022

	Enterprise Fund
<u>First Bank - Checking Account (7792)</u>	
Balance as of June 30, 2022	52,215.91
Subsequent activities:	
07/01/22 - Deposit	1,742.79
07/05/22 - Deposit	2,552.73
07/06/22 - Deposit	63.25
07/07/22 - Directors' Fees	(538.25)
07/08/22 - Deposit	352.13
07/08/22 - Deposit - United Power	606.50
07/07/22 - Directors' Fees	(92.35)
07/11/22 - Deposit	903.37
07/12/22 - Deposit	58.79
07/19/22 - Deposit	1,144.67
07/19/22 - Xcel ACH	(106.80)
07/20/22 - Deposit	1,207.26
07/20/22 - Lockbox Fee	(533.31)
07/20/22 - CenturyLink ACH	(280.64)
<i>Anticipated Transfer from CT</i>	<i>550,000.00</i>
<i>Anticipated United Power ACH</i>	<i>(7,196.31)</i>
<i>Anticipated Bill.com Payments</i>	<i>(555,287.50)</i>
<i>Anticipated balance</i>	<i>46,812.24</i>
<u>First Bank - Lockbox Account (3070)</u>	
Balance as of June 30, 2022	1,552,455.32
Subsequent activities:	
07/05/22 - Paymentech Fee	(30.00)
07/18/22 - Deposit - SDF	65,700.00
07/31/22 - Deposit (Utility Payments) - July	31,007.97
<i>Anticipated balance</i>	<i>1,649,133.29</i>
<u>ColoTrust - General</u>	
Balance as of June 30, 2022	3,227,699.90
Subsequent activities:	
07/10/22 - PTAX - June	407,442.84
07/15/22 - Deposit - Horse Creek Retreat	3,000.00
<i>Anticipated Transfer to 1st Bank</i>	<i>(550,000.00)</i>
<i>Anticipated balance</i>	<i>3,088,142.74</i>
<i>Grand Total</i>	<i>\$ 4,784,088.27</i>

Yield information as of 06/30/22:

FirstBank Lockbox - 0.05%

ColoTrust - 1.1707%

**GREATROCK NORTH WATER AND SANITATION DISTRICT
Property Taxes Reconciliation
2022**

	Current Year						Prior Year				
	Property Taxes	Delinquent Taxes, Rebates and Abatements	Specific Ownership Taxes	Interest	Treasurer's Fees	Net Amount Received	% of Total Property Taxes Received		Total Cash Received	% of Total Property Taxes Received	
							Monthly	Y-T-D		Monthly	Y-T-D
Beg Balance											
January	\$ 8,404.77	\$ -	\$ 5,510.13	\$ -	\$ (126.07)	\$ 13,788.83	0.82%	0.82%	\$ 14,524.30	1.16%	1.16%
February	51,167.39	-	5,979.20	-	(767.51)	56,379.08	4.99%	5.81%	339,271.47	43.13%	44.28%
March	412,276.94	7.15	5,964.23	6.11	(6,184.36)	412,070.07	40.24%	46.06%	28,158.29	3.03%	47.31%
April	58,123.25	-	67.34	14.98	(872.07)	57,333.50	5.67%	51.73%	73,983.59	8.99%	56.31%
May	64,854.46	(8,704.87)	5,599.01	(56.60)	(842.27)	60,849.73	5.48%	57.21%	33,488.80	3.71%	60.01%
June	388,090.17	19,682.04	5,746.69	38.25	(6,114.31)	407,442.84	39.80%	97.01%	297,562.29	37.78%	97.79%
July	-	-	-	-	-	-	0.00%	97.01%	17,539.85	1.59%	99.38%
August	-	-	-	-	-	-	0.00%	97.01%	6,300.87	0.00%	99.38%
September	-	-	-	-	-	-	0.00%	97.01%	5,941.93	0.00%	99.38%
October	-	-	-	-	-	-	0.00%	97.01%	6,295.24	0.20%	99.58%
November	-	-	-	-	-	-	0.00%	97.01%	10,277.76	0.42%	100.00%
December	-	-	-	-	-	-	0.00%	97.01%	4,894.73	0.00%	100.00%
	\$ 982,916.98	\$ 10,984.32	\$ 28,866.60	\$ 2.74	\$ (14,906.59)	\$ 1,007,864.05	97.01%	97.01%	\$ 838,239.12	100.00%	100.00%

	Taxes Levied	% of Levied	Property Taxes Collected	% Collected to Amount Levied
Property Tax				
General Fund	\$ 664,850.00	64.89%	\$ 644,978.47	97.01%
Debt Service Fund	359,673.00	35.11%	348,922.83	97.01%
	\$ 1,024,523.00	100.00%	\$ 993,901.30	97.01%

Assessed Valuation	Mill Levy
	30.500
	16.500
\$ 21,798,370	47.000

Specific Ownership Tax

	Taxes Levied	% of Levied	Property Taxes Collected	% Collected to Amount Levied
General Fund	\$ 46,540.00	64.89%	\$ 18,732.68	40.25%
Debt Service Fund	25,177.00	35.11%	10,133.92	40.25%
	\$ 71,717.00	100.00%	\$ 28,866.60	40.25%

Treasurer's Fees

	Taxes Levied	% of Levied	Property Taxes Collected	% Collected to Amount Levied
General Fund	\$ 9,973.00	64.89%	\$ 9,673.57	97.00%
Debt Service Fund	5,395.00	35.11%	5,233.02	97.00%
	\$ 15,368.00	100.00%	\$ 14,906.59	97.00%

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Greatrock North Water and Sanitation District
Inclusion Detail Report
As of June 30, 2022

Type	Date	Num	Name	Memo	Debit	Credit	Balance
401255 - AR - Country Club Ranch #2 Inclusion							
Bill	04/30/2019	4842	White Bear Ankele Tanaka & Waldron		1,276.13	-	1,276.13
Bill	05/15/2019	44689	Bishop Brogden Associates, Inc		106.50	-	1,382.63
Deposit	05/30/2019	1456	Premier Community Homes, Ltd	Deposit	-	5,000.00	(3,617.37)
Bill	05/31/2019	5116	White Bear Ankele Tanaka & Waldron		510.45	-	(3,106.92)
Deposit	06/17/2019	1492	Premier Community Developments, LTD	Deposit	-	5,000.00	(8,106.92)
Bill	06/30/2019	5679	White Bear Ankele Tanaka & Waldron		1,531.35	-	(6,575.57)
Bill	07/01/2019	30437	Petrock & Fendel, PC		1,192.50	-	(5,383.07)
Bill	07/15/2019	45064	Bishop Brogden Associates, Inc		5,652.33	-	269.26
Bill	07/31/2019	30540	Petrock & Fendel, PC		3,327.50	-	3,596.76
Bill	07/31/2019	July 2019	Special District Management Services, Inc		210.00	-	3,806.76
Bill	07/31/2019	6052	White Bear Ankele Tanaka & Waldron		4,544.34	-	8,351.10
Bill	07/31/2019	1158	MMI Water Engineers, LLC	Engineering Services July 2019	569.45	-	8,920.55
Bill	08/15/2019	45132	Bishop Brogden Associates, Inc		3,035.25	-	11,955.80
Bill	08/31/2019	30637	Petrock & Fendel, PC		742.50	-	12,698.30
Bill	08/31/2019	6488	White Bear Ankele Tanaka & Waldron		1,117.25	-	13,815.55
Bill	08/31/2019	1170	MMI Water Engineers, LLC	Engineering Services July 2019	511.50	-	14,327.05
Bill	09/30/2019	6883	White Bear Ankele Tanaka & Waldron		521.73	-	14,848.78
Bill	10/15/2019	45446	Bishop Brogden Associates, Inc		2,110.50	-	16,959.28
Bill	10/31/2019	7459	White Bear Ankele Tanaka & Waldron		776.95	-	17,736.23
Bill	11/11/2019	1202	MMI Water Engineers, LLC	Engineering Services Aug 2019	124.00	-	17,860.23
Bill	11/15/2019	45591	Bishop Brogden Associates, Inc	Country Club Ranchettes Filing #2	2,441.17	-	20,301.40
Deposit	11/25/2019	1603	Premier Community Developments, LTD	Deposit	-	18,351.10	1,950.30
Bill	11/30/2019	7751	White Bear Ankele Tanaka & Waldron	Inclusion	627.81	-	2,578.11
Bill	12/31/2019	8284	White Bear Ankele Tanaka & Waldron	Country Club Ranchettes Inclusion	340.30	-	2,918.41
Bill	01/15/2020	45839	Bishop Brogden Associates, Inc	Water Rights - Country Club Ranchettes Filing #2	328.50	-	3,246.91
Bill	01/31/2020	8797	White Bear Ankele Tanaka & Waldron	Inclusion	2,586.59	-	5,833.50
Bill	01/31/2020	31141	Petrock & Fendel, PC	Country Club Ranchettes	3,450.00	-	9,283.50
Bill	02/15/2020	45963	Bishop Brogden Associates, Inc	Country Club Ranchettes Filing #2	2,808.00	-	12,091.50
Bill	02/17/2020	1250	MMI Water Engineers, LLC	Country Club Ranch #2	1,081.27	-	13,172.77
Bill	02/28/2020	31220	Petrock & Fendel, PC	Country Club Ranchettes	1,068.50	-	14,241.27
Bill	02/29/2020	9026	White Bear Ankele Tanaka & Waldron	Inclusion	392.06	-	14,633.33
Bill	03/15/2020	46090	Bishop Brogden Associates, Inc	Country Club Ranchettes	460.50	-	15,093.83
Bill	03/22/2020	1256	MMI Water Engineers, LLC	Country Club Ranch #2 Inclusion	241.79	-	15,335.62
Bill	03/31/2020	9578	White Bear Ankele Tanaka & Waldron	Inclusion	746.20	-	16,081.82
Bill	03/31/2020	31295	Petrock & Fendel, PC	Country Club Ranchettes	1,853.00	-	17,934.82
Deposit	04/21/2020	1914	Premier Community Developments Ltd	Deposit	-	22,000.00	(4,065.18)
Bill	04/24/2020	1278	MMI Water Engineers, LLC	Country Club Ranch #2 Inclusion	80.00	-	(3,985.18)
Bill	04/30/2020	04/30/20	White Bear Ankele Tanaka & Waldron	Inclusion	310.58	-	(3,674.60)
Bill	04/30/2020	2487606	CliftonLarsonAllen LLP	Inclusion Costs	215.00	-	(3,459.60)
Bill	07/31/2020	11472	White Bear Ankele Tanaka & Waldron	Inclusion Costs	261.38	-	(3,198.22)
Bill	07/31/2020	2583683	CliftonLarsonAllen LLP	Inclusion Costs	193.50	-	(3,004.72)
Bill	08/15/2020	46778	Bishop Brogden Associates, Inc	Inclusion Costs	307.50	-	(2,697.22)
Bill	08/31/2020	11909	White Bear Ankele Tanaka & Waldron	Inclusion Costs	945.05	-	(1,752.17)
Bill	08/31/2020	2609106	CliftonLarsonAllen LLP	Inclusion Costs	129.00	-	(1,623.17)
Bill	08/31/2020	31658	Petrock & Fendel, PC	Inclusion Costs	253.00	-	(1,370.17)
Bill	09/14/2020	1339	MMI Water Engineers, LLC	Inclusion Costs	416.00	-	(954.17)
Bill	09/15/2020	46934	Bishop Brogden Associates, Inc	Inclusion Costs	3,300.00	-	2,345.83
Bill	09/30/2020	31720	Petrock & Fendel, PC	Inclusion Costs	1,482.50	-	3,828.33
Bill	09/30/2020	12375	White Bear Ankele Tanaka & Waldron	Inclusion Costs	609.88	-	4,438.21
Bill	09/30/2020	2638016	CliftonLarsonAllen LLP	Inclusion Costs	731.00	-	5,169.21
Bill	10/15/2020	47018	Bishop Brogden Associates, Inc	Inclusion Costs	1,403.25	-	6,572.46
Bill	10/20/2020	1352	MMI Water Engineers, LLC	Inclusion Costs	480.00	-	7,052.46
Bill	11/15/2020	47179	Bishop Brogden Associates, Inc	Inclusion Costs	2,324.25	-	9,376.71
Bill	11/15/2020	1356	MMI Water Engineers, LLC	Inclusion Costs	576.00	-	9,952.71
Bill	11/30/2020	31859	Petrock & Fendel, PC	Inclusion Costs	1,610.00	-	11,562.71
Deposit	11/20/2020	1117	Premier Community Developments Ltd	Deposit	-	5,000.00	6,562.71
Deposit	11/20/2020	2275	CC Ranchettes	Deposit	-	5,000.00	1,562.71
Bill	11/30/2020	13218	White Bear Ankele Tanaka & Waldron	Inclusion Costs	1,503.68	-	3,066.39
Bill	11/30/2020	2692405	CliftonLarsonAllen LLP	Inclusion Costs	814.00	-	3,880.39

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Greatrock North Water and Sanitation District
Inclusion Detail Report
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Type	Date	Num	Name	Memo	Debit	Credit	Balance
Bill	12/14/2020	1371	MMI Water Engineers, LLC	Inclusion Costs	480.00	-	4,360.39
Bill	12/15/2020	47322	Bishop Brogden Associates, Inc	Inclusion Costs	2,190.00	-	6,550.39
Bill	12/31/2020	13972	White Bear Ankele Tanaka & Waldron	Inclusion Costs	871.25	-	7,421.64
Bill	12/31/2021	2718232	CliftonLarsonAllen LLP	Inclusion Costs	242.00	-	7,663.64
Bill	12/31/2021	31914	Petrock & Fendel, PC	Inclusion Costs	4,035.50	-	11,699.14
Bill	01/15/2021	47450.0	Bishop Brogden Associates, Inc	Inclusion Costs	3,274.50	-	14,973.64
Bill	01/24/2021	1386	MMI Water Engineers, LLC	Inclusion Costs	512.00	-	15,485.64
Bill	01/31/2021	2739122	CliftonLarsonAllen LLP	Inclusion Costs	198.00	-	15,683.64
Bill	01/31/2021	14178	White Bear Ankele Tanaka & Waldron	Inclusion Costs	1,905.99	-	17,589.63
Bill	02/28/2021	2768623	CliftonLarsonAllen LLP	Inclusion Costs	88.00	-	17,677.63
Bill	02/28/2021	14638	White Bear Ankele Tanaka & Waldron	Inclusion Costs	87.13	-	17,764.76
Bill	02/28/2021	42233	Hayes Poznanovic	Inclusion Costs	1,344.00	-	19,108.76
Bill	03/31/2021	42389	Hayes Poznanovic	Inclusion Costs	552.00	-	19,660.76
Bill	03/31/2021	2814287	CliftonLarsonAllen LLP	Inclusion Costs	154.00	-	19,814.76
Bill	04/15/2021	47869	Bishop Brogden Associates, Inc	Inclusion Costs	1,332.00	-	21,146.76
Bill	04/25/2021	1444	MMI Water Engineers, LLC	Inclusion Costs	82.50	-	21,229.26
Bill	04/30/2021	15855	White Bear Ankele Tanaka & Waldron	Inclusion Costs	348.50	-	21,577.76
Bill	04/30/2021	22215	Ramey Environmental Compliance	Inclusion Costs	361.00	-	21,938.76
Bill	04/30/2021	2863725	CliftonLarsonAllen LLP	Inclusion Costs	286.00	-	22,224.76
Bill	05/04/2021	42389	Hayes Poznanovic	Inclusion Costs	360.00	-	22,584.76
Bill	05/15/2021	48025	Bishop Brogden Associates, Inc	Inclusion Costs	610.50	-	23,195.26
Deposit	05/21/2021	1141	CC Ranchettes	Deposit	-	24,814.76	(1,619.50)
Bill	05/31/2021	16198	White Bear Ankele Tanaka & Waldron	Inclusion Costs	87.13	-	(1,532.37)
Bill	05/31/2021	42711	Hayes Poznanovic	Inclusion Costs	72.00	-	(1,460.37)
Bill	05/31/2021	2909643	CliftonLarsonAllen LLP	Inclusion Costs	22.00	-	(1,438.37)
Bill	06/07/2021	1463	MMI Water Engineers, LLC	Inclusion Costs	231.00	-	(1,207.37)
Deposit	08/13/2021	1154	CC Ranchettes	Deposit	-	5,625.00	(6,832.37)
Deposit	08/18/2021	1157	CC Ranchettes	Deposit	-	5,000.00	(11,832.37)
Deposit	09/17/2021	1002	CC Ranchettes	Deposit	-	4,000.00	(15,832.37)
Reclass	12/31/2021		CCR#2 to Homestead Heights/CC#1	Reclass	14,625.00	-	(1,207.37)
Deposit	12/31/2021		CC Ranchettes	Deposit	-	2,500.00	(3,707.37)
Bill	01/31/2022	0007-01	Element Engineering, LLC	Inclusion Costs	150.00	-	(3,557.37)
Bill	01/31/2022	20220	White Bear Ankele Tanaka & Waldron	Inclusion Costs	1,748.66	-	(1,808.71)
Bill	01/31/2022	45246	Hayes Poznanovic	Inclusion Costs	269.50	-	(1,539.21)
Bill	01/31/2022	3144697	CliftonLarsonAllen LLP	Inclusion Costs	276.00	-	(1,263.21)
Bill	02/15/2022	49247	Bishop Brogden Associates, Inc	Inclusion Costs	306.25	-	(956.96)
Bill	02/28/2022	3173180	CliftonLarsonAllen LLP	Inclusion Costs	115.00	-	(841.96)
Bill	02/28/2022	20220	White Bear Ankele Tanaka & Waldron	Inclusion Costs	522.75	-	(319.21)
Deposit	03/31/2022	0486	CC Ranchettes	Deposit	-	5,000.00	(5,841.96)
Bill	03/31/2022	3218565	CliftonLarsonAllen LLP	Inclusion Costs	46.00	-	(5,795.96)
Bill	04/30/2022	0007-02	Element Engineering, LLC	Inclusion Costs	900.00	-	(4,895.96)
Bill	04/30/2022	45800	Hayes Poznanovic	Inclusion Costs	637.00	-	(4,258.96)
Bill	04/30/2022	3280967	CliftonLarsonAllen LLP	Inclusion Costs	851.00	-	(3,407.96)
Bill	05/15/2022	49740	Bishop Brogden Associates, Inc	Inclusion Costs	1,470.00	-	(1,937.96)
Bill	05/31/2022	22242	White Bear Ankele Tanaka & Waldron	Inclusion Costs	803.60	-	(1,134.36)
Bill	05/31/2022	45981	Hayes Poznanovic	Inclusion Costs	808.50	-	(325.86)
Bill	05/31/2022	3313384	CliftonLarsonAllen LLP	Inclusion Costs	276.00	-	(49.86)
Bill	06/15/2022	49943	Bishop Brogden Associates, Inc	Inclusion Costs	551.25	-	501.39
Bill	06/30/2022	22918	White Bear Ankele Tanaka & Waldron	Inclusion Costs	79.95	-	581.34
Bill	06/30/2022	3343258	CliftonLarsonAllen LLP	Inclusion Costs	230.00	-	811.34
Total 401255 · AR - Country Club Ranch #2 Inclusion					<u>108,624.95</u>	<u>107,290.86</u>	<u>1,334.09</u>

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Type	Date	Num	Name	Memo	Debit	Credit	Balance
401256 · AR - Ridgeview Estates Inclusion							
Deposit	03/21/2019	0088252775	Ridgeview Properties	Ridgeview Estates - Deposit to Prepare Letter	-	3,500.00	(3,500.00)
Bill	03/30/2019	1103	MMI Water Engineers, LLC		31.00	-	(3,469.00)
Bill	04/29/2019	1114	MMI Water Engineers, LLC		511.50	-	(2,957.50)
Bill	05/01/2019	30225	Petrock & Fendel, PC		315.00	-	(2,642.50)
Bill	05/15/2019	44772	Bishop Brogden Associates, Inc		768.50	-	(1,874.00)
Bill	06/05/2019	1129	MMI Water Engineers, LLC		31.00	-	(1,843.00)
Bill	06/15/2019	44846	Bishop Brogden Associates, Inc		1,103.25	-	(739.75)
Bill	11/11/2019	1202	MMI Water Engineers, LLC	Engineering Services Aug 2019	775.00	-	35.25
Bill	11/30/2019	7751	White Bear Ankele Tanaka & Waldron	Inclusion	297.76	-	333.01
Bill	01/19/2020	1232	MMI Water Engineers, LLC	Inclusion Engineering	201.50	-	534.51
Bill	02/17/2020	1250	MMI Water Engineers, LLC	Ridgeview Estates	32.00	-	566.51
Bill	03/22/2020	1256	MMI Water Engineers, LLC	Ridgeview Estates Inclusion	923.45	-	1,489.96
Deposit	04/15/2020	1006	Ridgeview Properties		-	2,000.00	(510.04)
Bill	04/24/2020	1278	MMI Water Engineers, LLC	Ridgeview Estates Inclusion	208.00	-	(302.04)
Bill	05/25/2020	1292	MMI Water Engineers, LLC	Ridgeview Estates Inclusion	128.00	-	(174.04)
Bill	06/30/2020	1302	MMI Water Engineers, LLC		208.00	-	33.96
Bill	06/30/2020	10926	White Bear Ankele Tanaka & Waldron		217.81	-	251.77
Bill	06/30/2020	2550017	CliftonLarsonAllen LLP		64.50	-	316.27
Bill	08/19/2020	1325	MMI Water Engineers, LLC	Inclusion Costs	272.00	-	588.27
Deposit	08/21/2020	1007	Ridgeview Properties		-	3,000.00	(2,411.73)
Withdrawal	08/27/2020	1007	Ridgeview Properties		3,000.00	-	588.27
Bill	08/31/2020	2609106	CliftonLarsonAllen LLP	Inclusion Costs	43.00	-	631.27
Deposit	09/02/2020	WIRE	Ridgeview Properties		-	3,000.00	(2,368.73)
Bill	09/14/2020	1339	MMI Water Engineers, LLC	Inclusion Costs	304.00	-	(2,064.73)
Bill	10/20/2020	1352	MMI Water Engineers, LLC	Inclusion Costs	16.00	-	(2,048.73)
Bill	11/15/2020	1356	MMI Water Engineers, LLC	Inclusion Costs	576.98	-	(1,471.75)
Bill	11/30/2020	21539	Ramey Environmental Compliance	Inclusion Costs	217.50	-	(1,254.25)
Bill	11/30/2020	2692405	CliftonLarsonAllen LLP	Inclusion Costs	44.00	-	(1,210.25)
Bill	12/14/2020	1371	MMI Water Engineers, LLC	Inclusion Costs	1,269.95	-	59.70
Bill	01/24/2021	1386	MMI Water Engineers, LLC	Inclusion Costs	368.78	-	428.48
Bill	01/31/2021	21833	Ramey Environmental Compliance	Inclusion Costs	682.00	-	1,110.48
Bill	01/31/2021	1397	MMI Water Engineers, LLC	Inclusion Costs	66.00	-	1,176.48
Deposit	02/19/2021	1023	Ridgeview Properties	Deposit	-	3,000.00	(1,823.52)
Bill	02/28/2021	21972	Ramey Environmental Compliance	Inclusion Costs	975.00	-	(848.52)
Bill	03/25/2021	1428	MMI Water Engineers, LLC	Inclusion Costs	33.00	-	(815.52)
Bill	03/31/2021	22105	Ramey Environmental Compliance	Inclusion Costs	341.40	-	(474.12)
Bill	05/31/2021	16198	White Bear Ankele Tanaka & Waldron	Inclusion Costs	75.34	-	(398.78)
Bill	05/31/2021	2909643	CliftonLarsonAllen LLP	Inclusion Costs	44.00	-	(354.78)
Bill	06/07/2021	1463	MMI Water Engineers, LLC	Inclusion Costs	99.00	-	(255.78)
Bill	06/30/2021	2941068	CliftonLarsonAllen LLP	Inclusion Costs	110.00	-	(145.78)
Bill	08/31/2021	0004-01	Element Engineering, LLC	Inclusion Costs	1,425.00	-	1,279.22
Bill	08/31/2021	17663	White Bear Ankele Tanaka & Waldron	Inclusion Costs	130.69	-	1,409.91
Bill	08/31/2021	2998260	CliftonLarsonAllen LLP	Inclusion Costs	550.00	-	1,959.91
Deposit	09/28/2021	1054	Ridgeview Properties	Deposit	-	3,000.00	(1,040.09)
Bill	09/30/2021	0004-02	Element Engineering, LLC	Inclusion Costs	150.00	-	(890.09)
Bill	10/31/2021	0004-03	Element Engineering, LLC	Inclusion Costs	1,295.00	-	404.91
Bill	11/30/2021	0004-04	Element Engineering, LLC	Inclusion Costs	840.00	-	1,244.91
Bill	12/31/2021	0004-05	Element Engineering, LLC	Inclusion Costs	300.00	-	1,544.91
Total 401256 · AR - Ridgeview Estates Inclusion					<u>19,044.91</u>	<u>17,500.00</u>	<u>1,544.91</u>

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Greatrock North Water and Sanitation District
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Type	Date	Num	Name	Memo	Debit	Credit	Balance
401258 · AR - Homestead Heights/CC#1 Inclusion							
Bill	03/30/2019	1104	MMI Water Engineers, LLC		263.50	-	263.50
Bill	03/30/2019	1103	MMI Water Engineers, LLC		108.50	-	372.00
Bill	04/29/2019	1114	MMI Water Engineers, LLC		294.50	-	666.50
Bill	06/05/2019	1129	MMI Water Engineers, LLC		682.00	-	1,348.50
Bill	06/30/2019	1138	MMI Water Engineers, LLC	Engineering Services April 21 - May 18, 2019	201.50	-	1,550.00
Bill	07/31/2019	1158	MMI Water Engineers, LLC	Engineering Services July 2019	1,007.50	-	2,557.50
Bill	08/31/2019	1170	MMI Water Engineers, LLC	Engineering Services July 2019	62.00	-	2,619.50
Bill	09/30/2019	1182	MMI Water Engineers, LLC	Engineering Services Aug & Sept 2019	170.50	-	2,790.00
Bill	11/11/2019	1202	MMI Water Engineers, LLC	Engineering Services Aug 2019	77.50	-	2,867.50
Bill	12/16/2019	1217	MMI Water Engineers, LLC	Homestead Heights Inclusion	62.00	-	2,929.50
Bill	01/19/2020	1232	MMI Water Engineers, LLC	Inclusion Engineering	524.65	-	3,454.15
Bill	02/17/2020	1250	MMI Water Engineers, LLC	Homestead Heights	931.43	-	4,385.58
Bill	04/24/2020	1278	MMI Water Engineers, LLC	Homestead Heights	96.00	-	4,481.58
Bill	05/25/2020	1292	MMI Water Engineers, LLC	Homestead Heights	496.00	-	4,977.58
Bill	06/30/2020	1302	MMI Water Engineers, LLC	Homestead Heights	1,808.00	-	6,785.58
Bill	07/31/2020	1313	MMI Water Engineers, LLC	Homestead Heights	96.00	-	6,881.58
Deposit	08/07/2020	2103839	Greatrock North WSD	Homestead Heights	-	5,000.00	1,881.58
Bill	08/19/2020	1325	MMI Water Engineers, LLC	Inclusions Costs	272.00	-	2,153.58
Bill	09/14/2020	1339	MMI Water Engineers, LLC	Inclusion Costs	216.53	-	2,370.11
Bill	09/30/2020	2638016	CliftonLarsonAllen LLP	Inclusion Costs	107.50	-	2,477.61
Bill	10/20/2020	1352	MMI Water Engineers, LLC	Inclusion Costs	288.00	-	2,765.61
Bill	11/15/2020	1356	MMI Water Engineers, LLC	Inclusion Costs	256.20	-	3,021.81
Bill	12/14/2020	1371	MMI Water Engineers, LLC	Inclusion Costs	832.00	-	3,853.81
Bill	01/24/2021	1386	MMI Water Engineers, LLC	Inclusion Costs	32.00	-	3,885.81
Bill	01/31/2021	1397	MMI Water Engineers, LLC	Inclusion Costs	82.50	-	3,968.31
Bill	02/28/2021	2768623	CliftonLarsonAllen LLP	Inclusion Costs	44.00	-	4,012.31
Deposit	03/05/2021	2431	Premier Community Developments Ltd	Deposit	-	7,000.00	(2,987.69)
Bill	03/25/2021	1428	MMI Water Engineers, LLC	Inclusion Costs	851.80	-	(2,135.89)
Bill	03/31/2021	22105	Ramey Environmental Compliance	Inclusion Costs	110.00	-	(2,025.89)
Bill	03/31/2021	2814287	CliftonLarsonAllen LLP	Inclusion Costs	132.00	-	(1,893.89)
Bill	04/25/2021	1444	MMI Water Engineers, LLC	Inclusion Costs	293.68	-	(1,600.21)
Bill	05/31/2021	2909643	CliftonLarsonAllen LLP	Inclusion Costs	44.00	-	(1,556.21)
Bill	06/07/2021	1463	MMI Water Engineers, LLC	Inclusion Costs	132.00	-	(1,424.21)
Bill	06/30/2021	0005-01	Element Engineering, LLC	Inclusion Costs	2,100.00	-	675.79
Bill	06/30/2021	2941068	CliftonLarsonAllen LLP	Inclusion Costs	44.00	-	719.79
Bill	07/31/2021	0005-02	Element Engineering, LLC	Inclusion Costs	7,340.00	-	8,059.79
Bill	07/31/2021	2969902	CliftonLarsonAllen LLP	Inclusion Costs	176.00	-	8,235.79
Bill	08/31/2021	0005-03	Element Engineering, LLC	Inclusion Costs	6,760.00	-	14,995.79
Bill	08/31/2021	2998260	CliftonLarsonAllen LLP	Inclusion Costs	682.00	-	15,677.79
Bill	09/30/2021	0005-04	Element Engineering, LLC	Inclusion Costs	1,140.00	-	16,817.79
Bill	11/30/2021	0005-05	Element Engineering, LLC	Inclusion Costs	220.00	-	17,037.79
Reclass	12/31/2021		CCR#2 to Homestead Heights/CC#1	Reclass	-	14,625.00	2,412.79
Deposit	04/01/2022	5475	Three Sons Construction	Deposit	-	2,000.00	412.79
Bill	06/30/2022	0005-06	Element Engineering, LLC	Inclusion Costs	2,175.00	-	2,587.79
Total 401258 · AR - Homestead Heights/CC#1 Inclusion					31,212.79	28,625.00	2,587.79

Greatrock North Water and Sanitation District
Inclusion Detail Report
As of June 30, 2022

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Debit</u>	<u>Credit</u>	<u>Balance</u>
401259 · AR - Epic Estates Inclusion							
Deposit	12/17/2021	2145	Western Engineering Consultants	Deposit	-	5,000.00	(5,000.00)
Bill	12/31/2021	0006-01	Element Engineering, LLC	Inclusion Costs	450.00	-	(4,550.00)
Bill	12/31/2021	19709	White Bear Ankele Tanaka & Waldron	Inclusion Costs	871.25	-	(3,678.75)
Bill	12/31/2021	45068	Hayes Poznanovic	Inclusion Costs	648.00	-	(3,030.75)
Bill	06/15/2022	49944	Bishop Brogden Associates, Inc	Inclusion Costs	569.27	-	(2,461.48)
Bill	06/30/2022	0006-02	Element Engineering, LLC	Inclusion Costs	300.00	-	(2,161.48)
Bill	06/30/2022	22918	White Bear Ankele Tanaka & Waldron	Inclusion Costs	1,910.60	-	(250.88)
Bill	06/30/2022	46165	Hayes Poznanovic	Inclusion Costs	1,104.00	-	853.12
Bill	06/30/2022	3343258	CliftonLarsonAllen LLP	Inclusion Costs	506.00	-	1,359.12
Total 401259 · AR - Epic Estates Inclusion					<u>6,359.12</u>	<u>5,000.00</u>	<u>1,359.12</u>



Greatrock North Water & Sewer District Monthly Activities Report June 15th 2022 – July 14th 2022

Daily Operations Summary

Greatrock North (GRN): Record LFH Well #1, UKA Well #1, and distribution flow totalizers. Visual inspection of generator to record run hours and check for any active faults. Collect and analyze chlorine residual sample each visit. Collect entry point sample to analyze for pH and conductivity weekly. Complete walkthrough of pump station to inspect distribution pumps, distribution pressure/tank level, and verify operation of PRV.

Rocking Horse Farms (RHF): Record LFH Well #2, UKA Well #3, and distribution flow totalizers. Visual inspection of generator to record run hours and check for any active faults. Collect and analyze chlorine residual sample each visit. Collect entry point sample to analyze for pH and conductivity weekly. Complete walk through of pump station to inspect distribution pumps, distribution pressure/tank level, and verify operation of PRV.

Box Elder (BE): Check SCADA for any active alarms and record process numbers. Record flow totalizers for wells, RO skid, and distribution meters. Visual inspection of generator to record run hours and check for any active faults. Collect and analyze chlorine residual sample each visit. Collect entry point sample to analyze for pH and conductivity weekly. Complete walk through of pump station to inspect distribution pumps, distribution pressure/tank level, and verify operation of PRV. Complete walk through of RO building to verify proper operation and record equipment run hours. Check chemical feed systems for proper operation and refill day tanks, as necessary.

6/15/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set fill valve at RHF to 77 gpm to match demand. Placed an order for chlorine and antiscalant.

6/16/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 75 gpm to match demand.

6/17/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 88 gpm to match demand.

6/20/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 98 gpm to match demand.

6/21/22 (2.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Reduced the chlorine multiplier set point to 0.50. REC ESD onsite to perform preventative maintenance on all pumps.

6/22/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 107 gpm to match demand. Responded to a resident concerned about a leak at their meter pit. Pumped out the water and discovered a leak on the stem on the distribution side of the meter. Informed REC office of the findings.

6/23/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Picked up 45 gallons of chlorine and delivered to BE. Turned off UKA wells because the construction crew hit a line.

6/24/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Turned UKA wells back on after the broken line was repaired.

6/27/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 113 gpm to match demand. REC ESD onsite at RHF to repair the broken pumps in the well house. Stopped augmenting per Paul Bruss request. Adjusted the chlorine multiplier set point to 0.60 and increased the RO runtime from 200 minutes to 240 minutes. Increased start/stop levels for BE tanks to 20.0/20.5 feet respectively.

6/28/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 95 gpm to match demand.

6/29/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. On-call operator responded to RHF to decrease flow to 30 gpm to avoid overflow of the tank.

6/30/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 78 gpm to match demand.

7/1/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 70 gpm to match demand.

7/4/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Set the fill valve at RHF to 110 gpm to fill tank.

7/5/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE.

7/6/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Found a fault on UKA-3 and reset. Found a leak on the chlorine pump, and the injector was clogged. Repaired the leak and cleaned out the injector and put the pump back in service. Changed out the pre-filters on the RO and increased the run time from 4 hours to 5 hours.

7/7/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. RHF had a High-High tank alarm this morning. Storage tank was 7.8 feet, and the fill valve was completely shut off to allow the tank to lower throughout the day. Set the fill valve to 47 gpm when the tank hit 7.2 feet to match demand. Collected part of the monthly & quarterly compliance samples and delivered to the lab. Received chlorine delivery at BE. Started to augment out of all LFH wells and UKA-2.

7/8/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Storage tank at RHF was at 6.4 feet and the fill valve was shut off to allow the tank to lower throughout the day. Set the fill valve to 90 gpm when the tank hit 6.0 feet to match demand over the weekend. Applied Ingenuity onsite at BE to look at the level transducer for LFH-1.. Meeting with the contractors about which valves need to be closed next week so they can complete their work. Completed the final quarterly compliance samples and delivered to the lab.

7/11/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Isolated the valves needed for the construction crew to complete their work. Started collecting meter re-reads that billing sent out. Alluvial Well #1 did not shut down when it was supposed to and was continuously filling the tank at BE. The tank did not overflow, and the well was shut down manually. REC ESD onsite to repair the air relief valve on UKA-3 in BE.

7/12/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. The contractor did the electrical tie in today which forced us to run the generator during that time. The generator ran for approximately 45 minutes before power was fully restored. Increased the chlorine multiplier set point from 0.60 to 0.75. Submitted the meter re-reads to billing department.

7/13/22 (4.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. Earl Young with Hydro Tech onsite to inspect the RO skids for the new facility. Collected the monthly Bac-T samples and delivered to the lab.

7/14/22 (8.0hr) Routine site visit. Regular rounds and checks of each facility. Filled the chlorine tanks at BE. On-call operator responded to an alarm for low tank level at BE. The alluvial well pumps had faulted and needed to be reset. Alluvial Well #2 continued to fault throughout the day. The RO is not starting when needed. Submitted a work order to REC ESD to troubleshoot the alluvial well faults and the RO issues. REC ESD will be out tomorrow to diagnose/repair the issues. Adjusted the alarm set points so call outs happen sooner. Operator monitored SCADA throughout the day to ensure proper operation of the facilities.

June 15th 2022 – July 14th 2022

RO Run Time	9.4
RO Concentrate Flow: 1 Pond (South)	16,992

Installed From: 06/12/21 To: 07/12/22

Current Account	Name	Location	Service Address	SVC	Svc Size	Svc Type	User Type	Flat Chg Amount	Last Bill Amount	Last Bill Date	Install Date	Line Code	Meter Status
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ENGINEER'S PROGRESS REPORT

Date: August 2, 2022
To: Greatrock North Water and Sanitation District
From: Element Engineering
Job No. 0041.0001
RE: Monthly Engineers Report – **New Items Bold**

CAPITAL PROJECTS:

1. Water Treatment Plant Improvements - Construction

Element Engineering recommended Moltz Construction be awarded the project. The board voted to award the project to Moltz at the district's April 4, 2021 meeting. The notice of award and owner-contractor agreement have been signed by both the district and the contractor. Bonds and insurance (payment and performance bonds) have been received by Element. Hard copies will be provided to CLA. Element held a meeting with Moltz to discuss a schedule for the pre-construction meeting and notice to proceed. The pre-construction meeting is scheduled for the week of May 31, 2021 with the notice to proceed being issued shortly after. Moltz has already submitted documents for the septic system permit and is working on the building department permit. We expect submittals to begin arriving for review shortly.

A pre-construction meeting was held on June 10th. The Notice to Proceed has been fully executed by both parties. The following is a summary of the construction timeline:

Notice to Proceed:	June 14, 2021
Substantial Completion:	March 26, 2022 (285 days after NTP)
Punch List Complete:	May 10, 2022 (45 days after Substantial Completion)

Moltz Construction has started sending material and equipment submittals to Element for review.

During the building permit review process Adams County planning is requiring that a Major PUD Amendment process be completed. As it was our understanding that this would not be required, due to the proposed building being included in the last PUD amendment, Element reached out to Adams County to review this requirement. Adams County has indicated that as the building was included on the site plan, not the signed PUD amendment, a new amendment process would be required. The major amendment will require 2 hearings: one before the Planning Commission and one before the Board of County Commissioners. A neighborhood meeting will also be required. We have informed Moltz of this requirement and will keep them informed as to our

progress and how it may, or may not, affect their schedule. It is our hope that we can complete this process prior to Molt's planned onsite construction date, therefore causing no delays.

The required major PUD amendment mailer was sent out by certified mail. The public meeting is scheduled for August 3, 2021 at 5:30 PM via Zoom (the same Zoom invitation as the district's board meeting). A meeting agenda has been provided to the board for review and is attached to this report.

The public meeting was held on August 3, 2021. The PUD application was submitted shortly after. We have received confirmation that the application has been received and assigned to a county planner. Element has reached out to our assigned project manager to see what the schedule for the PUD process will be. We have not yet received a response on that request.

Moltz Construction has requested to mobilize onsite with fencing, portlets, and other minor items. This request has been approved.

Element attended site visit meeting with Moltz and REC on September 16, 2021 to exchange building keys and discuss initial mobilization. The temporary construction fencing will be installed on or about Monday September 20, 2021.

We have received comments from the Adams County planner assigned to our PUD amendment case. The comments provided by Adams County are attached to this report. Comments and Element responses are as follows:

- Staff has concerns with the visual and aesthetic compatibility of the proposed structure with the rest of Box Elder Creek Ranch PUD. Please provide more detail about the building material that will be used.

Element Response: Although this information was included with the original application, we will address this comment by including images of nearby and adjacent structures and showing that the proposed building features Hardie siding and wood trim. We will stress that the district is budgeting significant money to ensure that the building blends with adjacent structures.

- Provide a more detailed landscaping plan to show how many and what type of trees that will be planted. Please show all existing trees and vegetation that will remain after the structure is complete.

Element Response: We will provide a landscaping plan as requested. A draft of the landscaping plan is attached. All trees installed will be Austrian Pines.

- The secondary access will require a county access permit and review, etc.

Element Response: Element responded to this comment with an email requesting clarification on this item. This is technically not a "secondary" access used by the project. This is the primary access to what was originally a separate lot.

A response to all comments will be sent to Adams County by September 24, 2022. A draft comment response letter will be provided to the district manager and board president and vice-president prior to submittal to Adams County.

Moltz has submitted Pay Application No. 1 which includes fees for mobilization. Element has reviewed this application and recommend it for approval. Moltz cannot begin work until the final building permit is issued. This requires the county to approve the Major PUD Amendment. Element has requested a schedule from the newly assigned Adams County project manager, and we are awaiting a response.

Dates for the planning commission and Board of County Commissioners meetings have been set for December 9, 2022 (6PM) and January 11, 2022 (9:30AM). Element will be present at these meetings. The district has approved Element to proceed with the removal of the water treatment plant sump design and to design a new gravity concentrate main from the water treatment plant site to the tie-in location at 162nd and Rayburn.

The planning commission has approved the major PUD amendment. The remaining task is to receive approval from the board of county commissioners at the January 11, 2022 meeting. Design on the Rayburn concentrate extension is ongoing. Element will be identifying locations for utility potholing to ensure we know the depth of utility crossings to avoid conflict.

The BOCC has approved the major PUD amendment and Moltz construction is working to obtain a building permit. The Rayburn concentrate line and the Field Order eliminating the WTP sump is 90% complete. Upon final completion Element will submit the Rayburn concentrate design to Adams County for a ROW utility permit. A proposal for potholing has been received and processed by the district. Diversified Underground will begin potholing upon execution of the potholing agreement. Moltz has submitted Pay Application No. 2 which includes payment for stored materials.

The building permit has been issued and Moltz is making good progress on the project. Element performed a reinforcing steel inspection on the southern half of the spread footer and stem wall. Remaining reinforcing steel inspections will be performed by Ground Engineering hired by Moltz. The first construction progress meeting was held on Thursday February 17, 2022 at 1:30 PM. Weekly meetings are being held via Microsoft Teams on the same day (Thursday) and time (1:30 PM). Element has issued Field Order No. 1 which includes elimination of the WTP sump and a new concentrate line down Rayburn Street to the intersection of 162nd. Initial discussions with Adams County have indicated that the area will be either overlaid or crack sealed in the near future. It is our intent to have this pipe installed prior to the work with Adams County, however, the county's schedule is unknown. A utility permit is required to install the infrastructure as designed. Element expects to submit this application to Adams County.

The utility permit has been submitted to Adams County for the concentrate line from the WTP site to the intersection of Rayburn and 162nd. Moltz is working to determine a final cost for the field order (sump elimination and construction of the concentrate line). Potholing for the utility crossings in the area has been completed and has been documented on the plans.

Element has received and reviewed Change Order No. 2 and No. 3 submitted by Moltz Construction. These are to be reviewed and discussed at the upcoming board meeting. Also, Pay Application No. 5 has been submitted and reviewed. Payment is recommended.

Element has received and reviewed Change Orders No. 4 and No. 5 submitted by Moltz Construction. Change Order No. 4 is a credit for an irrigation line tie-in change and Change Order No. 5 is for raising valve boxes as requested by the district. Also Pay Application No. 6 has been submitted and reviewed. Payment is recommended.

Adams County Planning has approved, in writing, our change from a metal scale roofing material to a asphalt shingle roofing material. John has approved the color of the shingles.

Construction is ongoing with the majority of the equipment having been installed. Interior and exterior piping have largely been completed. Also, the new concentrate piping down Rayburn to 162nd has been approved and scheduled by TLowell. A newly submitted pay application (Pay Application No. 7) is attached to this report. Approval of this pay application is recommended.

The new concentrate piping has been installed from the tie-in point at 162nd and Rayburn to the WTP site. No water service lowerings were required, also the proposed 12-inch water main lowering at the WTP site was not required. A full accounting of the credits for this work (Change Order No. 3) will be completed by Moltz and Element upon completion of all work by TLowell. Change Order No. 7 was submitted by Moltz to include valves on the concentrate line at the intersection to make the future extension easier. This change order was discussed at the last board meeting but an additional breakdown was requested. This breakdown was sent to CLA for distribution.

Several meetings between Element/Moltz/HOA/Ramey were conducted to discuss the change-over plan to switch from the existing equipment to the new equipment. Moltz is planning to present a formal transition and phasing plan during the week of July 25th, 2022.

Moltz is planning to request a short time extension to complete the project and achieve substantial completion. Although not received at the time of the completion of this board report, it is expected that Moltz will request an extension to September 30, 2022 for substantial completion.

Element has been requested to provide a breakdown of the existing WTP budget including the original bid amount, all change orders (both time and money) and a status of the engineering

construction oversight contract. This information will be presented at the August board meeting with real time updated fund balances.

2. Concentration Evaporation Pond

Element has reviewed all historic documents on the concentration evaporation pond and has contacted the subconsultant tasked with the concentrate line and pond grading design (CVL). The tasks necessary to complete design and permitting of the concentrate pond are as follows:

- Receive concentrate line and pond CAD files from CVL.
- Compile an Engineering Design and Operations Plan (EDOP), design plans, liner design, and specifications for the pond per CDPHE Section 9: Waste Impoundments.
- Finalize pond grading design and SWMP.
- Update concentrate line per request from developer and update easement exhibit.

Element has provided the district with a proposal to the district to complete pond design and CDPHE submittal (EDOP, plans, specifications). The EDOP, plans, and specifications will be to CDPHE for review and approval. After approval, the district will be granted approval for construction. CDPHE has strict quality control and construction documentation requirements including a construction QA/QC report that must be submitted after construction. Element can provide a proposal for pond bidding, construction observation, and construction QA/QC reporting at the appropriate time.

Element's proposal to complete the third concentrate pond and line has been approved by the district. We are currently working on the EDOP and plans. Also, we have provided a modified draft easement exhibit to Jay Scolnick for the revised concentrate line alignment.

As of August 29, 2021, Element continues to work on the concentrate pond design and EDOP. We have been coordinating with Jay on the concentrate line and have come to an agreement on the line location. We are finalizing what should be the last iteration of the concentrate line easement for signature by Jay. Our surveyor will require some field work for the easement in order to stamp the legal description. Also, there is additional survey required for the concentrate line design which will occur at the same time.

Additional survey field work was ongoing as of September 16, 2021. Element met onsite with the surveyor to confirm required items to be surveyed. Element held discussions about the potential to eliminate the proposed sump and pump in the proposed RO WTP if the concentrate line can be lowered. Element recommends any new concentrate main installation be 8-inch diameter SDR 35 PVC minimum.

Element has received the updated survey and has provided preliminary pond alternative layouts and costs as well as concentrate line profiles for the district's discussion at the October 26, 2021 work session. Upon a final decision for layout and pond location design documents will be created. Also, it is apparent that the concentrate line in Rayburn can be lowered, allowing the proposed sump in the ROWWTP to be removed and all drains go to the concentrate line.

Element was provided direction by the board to proceed with the west pond location and the gravity concentrate main running down Hudson Mile Road. Design work is ongoing with draft design documents expected to be complete in January. Element has reached out to Adams County to determine what permitting will be required for the project. A potential pre-application meeting with Adams County was requested.

Element has submitted the initial pre-application document to Adams County. A pre-application meeting with the county will be scheduled in the coming weeks based on the county's schedule. Work continues on finalization of the design. It is our goal to submit a draft of the design submitted to the board for review during the month of January.

A pre-application meeting with Adams County has been scheduled for Friday February 4, 2022 at 10:30 AM. This meeting will be held virtually. Element submitted progress plans on the concentrate pond to the district. We are now working to finalize the plans. The next step is to complete final internal edits and compile a stormwater management plan (SWMP) and finalize and submit the Section 9 Impoundment permitting report to CDPHE. This should be completed by the end of February to mid-March.

Element and CLA staff attended a pre-application meeting with Adams County. A detailed summary of submittal requirements was sent to the GNWSD board. In summary a Conditional Use Permit is required. The board approved Element to begin working on this submittal. Work is ongoing. We expect submittal of the conditional use permit and EDOP to Adams County and CDPHE in mid-March.

The public meeting for the conditional use permit is to be held at the April 5, 2022 board meeting. The required environmental study on the property is being completed by an Element subconsultant. Upon completion of the environmental study and public meeting, Element will submit the conditional use permit application to Adams County.

Element received the ownership and encumbrance report to research mineral rights owners to notify them (as required by Adams County). Also, we received the environmental report prepared by Olsson Associates that is required with the Conditional Use Permit. Our final task is to finalize the EDOP and submit it to CDPHE and Adams County as well as provide notifications to mineral holders. This is to be completed by the week of May 30, 2022.

The EDOP and Adams County submittal have been completed and submitted. The Adams County review fee has been paid by Element.

Element has followed up with agencies to determine who is the primary contact. We have not been assigned a planner or engineer yet, but this is likely to occur soon.

3. Third Alluvial Well

Element will report items pertaining to the third alluvial well in this section.

Element met with the district's water resources engineer on August 12, 2021. It was discussed that the location of Alluvial Well 3 and 4 would likely be the best locations for the new alluvial well. Element has been requested to complete a construction and design cost estimate to tie each of these well locations into the existing raw water lines. This work will begin shortly.

The well locations 3 and 4 were determined to be the best locations as they produce a satisfactory amount of water and have better water quality than location 5, which tested very high in nitrates (> 20 mg/L).

A Basis of Design Report (BDR) must be submitted to CDPHE to add an additional water source. This BDR must include the results of extensive water quality testing. Two separate testing batteries must be completed in two separate calendar quarters. Also, once drilled, the well will need to be tested to insure it is not under the direct influence of surface water.

No work this period.

GENERAL ENGINEERING – ADMINISTRATION

Element has been coordinating closely with CLA to onboard general engineering services. Element, CLA and GNWSD held an initial onboarding meeting at Element offices on June 10, 2021. An additional onboarding meeting with REC has been scheduled on June 30th, 2021 at REC offices. We have received all electronic and hard copy files from MMI and have reviewed them to determine the sum of available records.

Element has completed cost estimates to support 2022 budget preparation. This included estimated general engineering (ops and admin) fees, capital project fees, and engineering construction administration fees. A meeting to review the proposed budget items was held on September 22nd at REC offices.

Element is coordinating the additional information (survey) and scoping items on the concentrate line and concentrate pond and line alternatives in the General Engineering – Administration job number.

Element presented options to the board on concentrate line and concentrate pond locations. See Third Concentrate Pond reporting for more information.

Element is working on the county permitting of the third concentrate pond. See third concentrate pond update.

1. Box Elder Creek Ranch Subdivision

Element will report general administrative engineering items pertaining to the Box Elder Creek Ranch subdivision in this section.

No work this period.

2. Rocking Horse Farms Subdivision

Element will report general administrative engineering items pertaining to the Rocking Horse Farms subdivision in this section.

Element has coordinated with REC to complete the recommendation for final acceptance of the Rocking Horse Farms Pump Station Replacement Project. The project was completed on July 22, 2020, and has been successfully operating since startup. The 1-year warranty period has elapsed, and Element recommends final acceptance.

Element met with REC at RHF on January 21st, 2022 to discuss replacement of the RHF control valves. It was determined that an insertion valve could be installed downstream of the control valve to shut the tank off. A new electrically actuated gate valve could then be installed in the vault. It is recommended that two manual gate valves with wheels be installed on either side of the new actuated valve. This time was billed to General Engineering: Operations.

No work this period.

3. Greatrock North Subdivision

Element will report general administrative engineering items pertaining to the Greatrock North subdivision in this section.

No work this period.

4. Hayesmount Estates Subdivision

Element will report general administrative engineering items pertaining to the Hayesmount Estates subdivision in this section.

No work this period.

GENERAL ENGINEERING – OPERATIONS

Element will report on water accounting, use, water quality, and electrical usage, and pond levels in this section. We are working on on-boarding and coordination with REC so that we may obtain data for regular reporting.

Element met with REC on January 21st, 2022 to discuss the rocks in the concentrate line. It was determined that the line could be temporarily shut down (turn off WTP) and the line upstream of the control valve could be shut. The concentrate line could then be pumped out (water discharging to the adjacent concentrate pond) and the line could be excavated, opened, and the rocks removed. Upon removal the line would need to be replaced in the excavated area.

See attached monthly year over year comparison of electrical use (KWH) and electrical billing (\$). Element has assisted with mapping of water mains to determine the source of the distribution system leak on Hayseamount.

DEVELOPMENT SERVICES

1. Country Club Ranchettes Filing No. 1

Element has contacted Jay Scolnick and his contractor (Three Sons Construction) to set up a pre-construction meeting. The meeting is tentatively scheduled to be held onsite during the weeks of July 5, 2021, or July 12, 2021 depending on final construction permit issuance from Adams County. Three Sons Construction has started the submittal process with Element. We are reviewing submittals per the district's rules and regulations.

Element will discuss construction observation and management roles and responsibilities with REC and CLA to clearly define task responsibility between each entity.

Element will be responsible for onsite construction observation. Submittals have been received and reviewed. A pre-construction meeting was held on July 16th, 2021. Onsite construction work started on July 21st, 2021 Element will be providing full time observation for the first week, and scale back observation time if we feel the contractor is completing acceptable work. Element provided the district with an estimated number of hours for onsite work that included the pre-construction, observation, GPS services and final walkthrough.

Element has completed construction observation and oversight during construction. Adams County notified the developer (Jay) and their engineer (Manhard) that their fire hydrant design and installation was three feet too close to the centerline of the asphalt roadway. The hydrants are required to be moved, which will require a new pressure test. An exhibit of this relocation is attached to this board report.

Element inspected and coordinated work on the fire hydrant relocation.

Minor construction observation/coordination occurred during this reporting period. Initial acceptance will occur after the surface improvements are complete (pavement, etc).

Element was notified that paving would occur at the project during the month of December. Upon completion of surface improvements an initial acceptance walkthrough will be completed.

Element completed an initial acceptance walkthrough and compiled the attached punch list and closeout requirements. **A letter was sent to the developer on June 23, 2022, and we are awaiting a response and required items.**

2. Country Club Ranchettes Filing No. 2

On Wednesday January 26th, 2022. Element met with the developer to discuss inclusion of CCR Filing 2. There were no specific engineering related action items immediately necessary at the meeting. When the inclusion packet is submitted, Element will complete necessary review tasks.

The inclusion agreement for CCR F2 has been submitted and Element is working with the district's consulting team to review and provide comment.

No work this period.

3. Ridgeview Estates

Element has requested the developer that to notify us when all surface improvements have been completed. Upon completion of these improvements an initial acceptance walkthrough can be held, and a punch list generated. Upon completion of the punch list items (if any) initial acceptance will be recommended.

A punch list was generated and provided to the developer. We received a response that the punch list would be completed and that we would be notified when items are completed. Once complete we will do a final walkthrough.

The developer reported that the initial acceptance checklist was completed. A walkthrough was completed by Element on October 4, 2021. There were minor items that need repair that were reported to the developer. A final inspection will be completed upon receiving word that the final remaining items have been completed.

Element performed the final initial acceptance walkthrough and have verified that all required items have been completed. The infrastructure in the development has been shot with the district's GIS system and we are working with the GIS platform to upload the data.

A list of items required for initial acceptance has been provided to the developer on December 20, 2021, and we are awaiting a response and required items.

4. Epic Estates

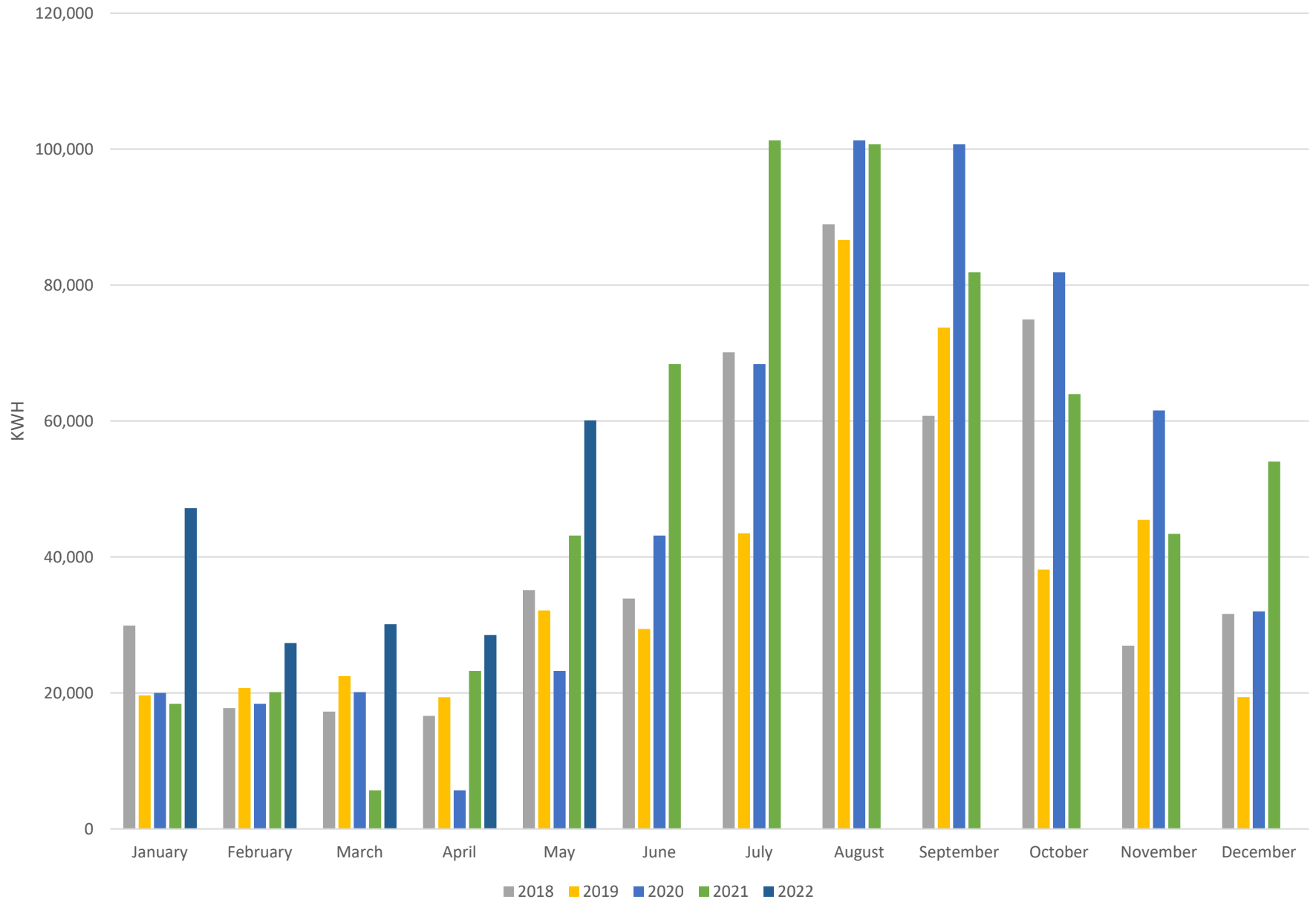
Element attended a meeting discussing water rights and potential water treatment for the proposed development.

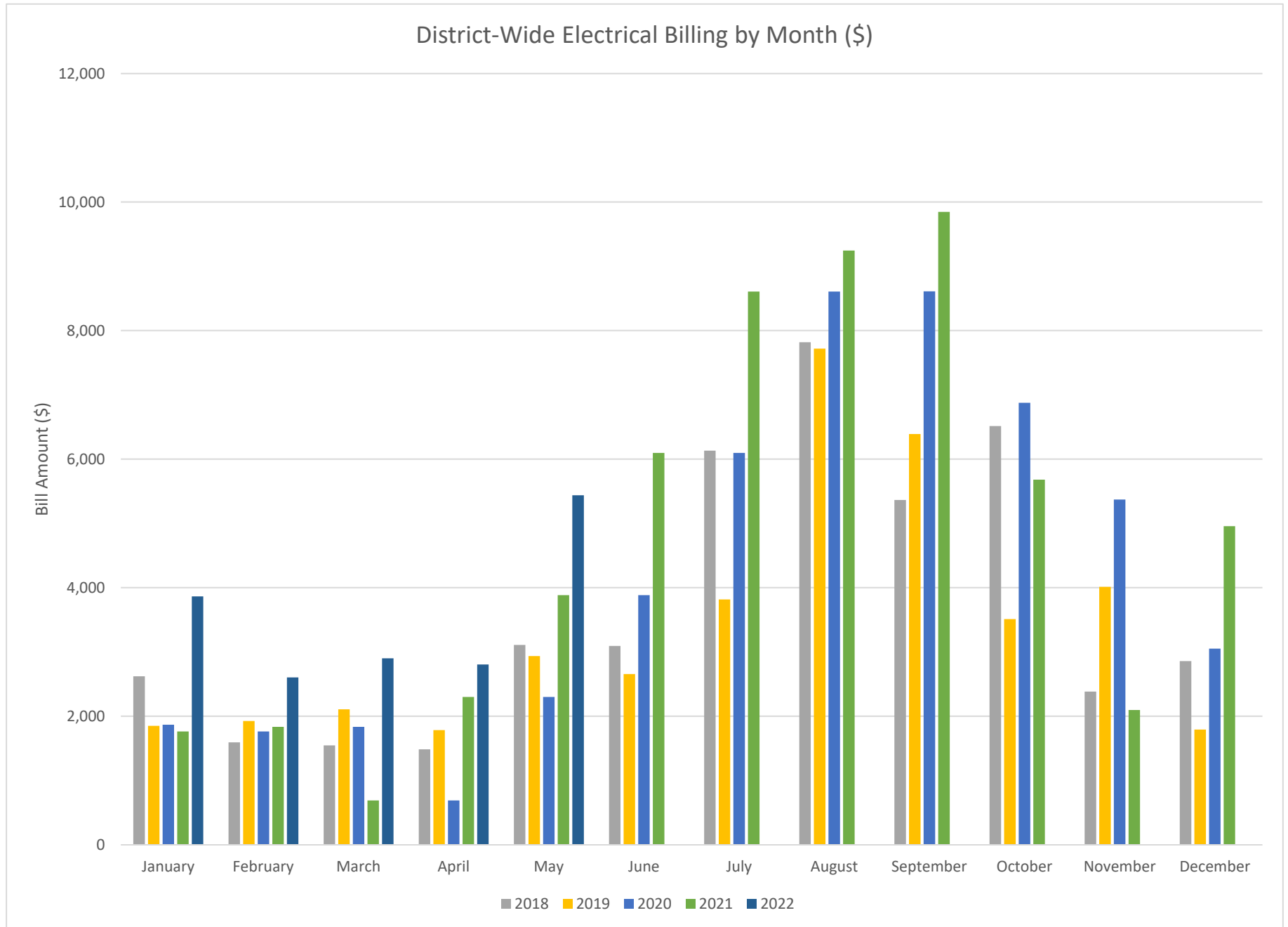
No work this period.

5. Horse Creek Retreat

No work this period.

District-Wide Energy Use by Month (KWH)







**GREATROCK NWSD
REVERSE OSMOSIS WTP
PAYMENT APPLICATION**

PROJECT NO: 2125 53
PARTIAL PAYMENT EST NO. **8**
PAGE 1 OF 2

OWNER: Greatrock WSD
CONTRACTOR: Moltz Construction, Inc.
PERIOD OF ESTIMATE: FROM : July 1, 2022 to July 31, 2022

CONTRACT CHANGE ORDER SUMMARY				ESTIMATE	
CHANGE ORDER NO.	Agency Approval Date	AMOUNT			
		Additions	Deductions		
1	3/3/2022		\$17,536.00	1. Original Contract	\$2,096,615.00
2	5/9/2022	\$10,973.00		2. Change Orders	\$391,082.00
3	5/9/2022	\$371,222.00		3. Revised Contract (1&2)	\$2,487,697.00
4	5/16/2022		\$5,002.00	4. Work Completed *	\$2,094,343.83
5	5/16/2022	\$7,185.00		5. Stored Materials*	\$0.00
6	7/7/2022	\$7,974.00		6. Subtotal (4 & 5)	\$2,094,343.83
7	7/25/2022	\$16,266.00		7. Retainage* (5%)	\$104,717.19
TOTALS		\$413,620.00	\$22,538.00	8. Previous Payments	\$1,312,445.17
				9. Amount Due (6-7-8)	\$677,181.47

*Detailed breakdown attached -

CONTRACT TIME			
Original Calendar Days =	285	Start Date =	June 14, 2021
Revised Calendar Days =	447	Project Substantial Completion =	September 5, 2022
Remaining Calendar Days =	36	On Schedule:	X YES NO

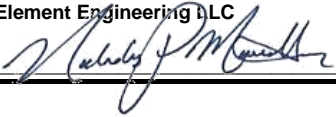
CONTRACTOR'S CERTIFICATION:
The undersigned Contractor certifies that to the best of their knowledge, information and belief the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the contractor for work for which previous payment estimates was issued and payments received from the owner, and that current payment shown herein is now due

Contractor: **Moltz Construction, Inc.**

By _____ Date _____

ENGINEER'S APPROVAL:
The undersigned certifies that the work has been carefully inspected and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.

Engineer: Element Engineering LLC

By  Date 7/26/22

APPROVED BY OWNER:
Owner: Greatrock WSD

By _____ Date _____

APPLICATION FOR PAYMENT

APPLICATION NO.:

54

8

PERIOD
FROM
TO:

01-Jul-22
31-Jul-22

PROJECT: **Greatrock WSD RO WTP**

APPLICATION DATE:

7/26/22

ITEM NO.	SUMMARY OF WORK	QNTY	UNIT	UNIT PRICE	EXTENDED AMOUNT	% WORK COMPLETE THIS PERIOD	DOLLAR AMOUNT THIS PERIOD	% WORK COMPLETE PREVIOUS PERIOD	DOLLAR AMOUNT PREVIOUS PERIOD	STORED MATERIAL TO DATE	QNTY OR UNIT PRICE ADJUST	TOTAL DOLLAR AMOUNT TO DATE	% TOTAL work complete and stored	% TOTAL WORK COMPLETE TO DATE
Schedule of Values														
1	Mob/Demob/Traffic Control	1	LS	\$247,573.00	\$247,573.00	8.00	\$19,805.84	84.00%	\$207,961.33			\$227,767.17	92.00%	92.00%
2	Erosion Control and Site Restoration	1	LS	\$81,760.00	\$81,760.00	5.00	\$4,088.00	90.00%	\$73,584.00			\$77,672.00	95.00%	95.00%
3	Yard Pipe 4in	40	LF	\$755.00	\$30,200.00	53.00	\$16,006.00	41.59%	\$12,560.62			\$28,566.62	94.59%	94.59%
4	Yard Pipe 6in	746	LF	\$111.00	\$82,806.00	20.00	\$16,561.20	74.20%	\$61,438.49			\$77,999.69	94.20%	94.20%
5	Yard Pipe 12in	405	LF	\$168.00	\$68,040.00	6.00	\$4,082.40	89.50%	\$60,896.91			\$64,979.31	95.50%	95.50%
6	Yard Pipe Concentrate	126	LF	\$117.00	\$14,742.00	5.00	\$737.10	90.00%	\$13,267.80			\$14,004.90	95.00%	95.00%
7	Process Building Fdn & Slab	1	LS	\$189,773.00	\$189,773.00			100.00%	\$189,773.00			\$189,773.00	100.00%	100.00%
8	Pre-Engineered Metal Building	1	LS	\$934,865.00	\$934,865.00	12.00	\$112,183.80	68.17%	\$637,330.75			\$749,514.55	80.17%	80.17%
9	Install of Owner Procured Equip	1	LS	\$17,353.00	\$17,353.00	65.00	\$11,279.45	30.00%	\$5,205.90			\$16,485.35	95.00%	95.00%
10	Sodium Hypochlorite Feed Sys	1	LS	\$29,083.00	\$29,083.00	10.00	\$2,908.30	82.66%	\$24,041.44			\$26,949.74	92.66%	92.66%
11	Interior Process Piping & Appurts	1	LS	\$112,734.00	\$112,734.00	30.00	\$33,820.20	50.00%	\$56,367.00			\$90,187.20	80.00%	80.00%
12	Yard Electrical & Irrigation Piping	1	LS	\$107,153.00	\$107,153.00	90.00	\$96,437.70					\$96,437.70	90.00%	90.00%
13	Demo of Existing WTP Interior Piping	1	LS	\$8,095.00	\$8,095.00									
14	CDOT Class 6 Road Base 6in Deep	63	CY	\$74.00	\$4,662.00									
15	Septic System and Leach Field	1	LS	\$23,036.00	\$23,036.00	100.00	\$23,036.00					\$23,036.00	100.00%	100.00%
16	Process Instruments	1	LS	\$144,740.00	\$144,740.00	35.00	\$50,659.00	35.00%	\$50,659.00			\$101,318.00	70.00%	70.00%
	TOTAL				\$2,096,615.00		\$391,604.99		\$1,393,086.24			\$1,784,691.23	85.12%	85.12%
ITEMIZED CHANGE ORDERS														
	CO1 - Roofing Change	1	LS	-\$17,536.00	-\$17,536.00			100.00%	-17536			-\$17,536.00		
	CO2 - Schedule Update	1	LS	\$10,973.00	\$10,973.00			100.00%	10973			\$10,973.00		
	CO3 - Concentrate Pipeline	1	LS	\$371,222.00	\$371,222.00	80	\$296,977.60					\$296,977.60		
	CO4 - Irrigation Line	1	LS	-\$5,002.00	-\$5,002.00			100.00%	-5,002.00			-\$5,002.00		
	CO5 - Valve Box	1	LS	\$7,185.00	\$7,185.00									
	CO6 - FO#2 - Stud Revisions	1	LS	\$7,974.00	\$7,974.00	100	\$7,974.00					\$7,974.00		
	CO7 - Added Valves on Pipeline	1	LS	\$16,266.00	\$16,266.00	100	\$16,266.00					\$16,266.00		
	sub total			\$391,082.00	\$391,082.00		\$321,217.60		-\$11,565.00			\$309,652.60		
	TOTAL				\$391,082.00		\$321,217.60		-\$11,565.00			\$309,652.60		

New Location

Hillside Shopping Center
2533 11th Avenue | Greeley, CO 80631

970-353-7880 | GreeleyLockAndKey.com

Moltz Construction Inc.
PO Box 729
Salida CO 81201

DATE	ESTIMATE #	ACCOUNT #
6/28/2022	0000017224	0006170

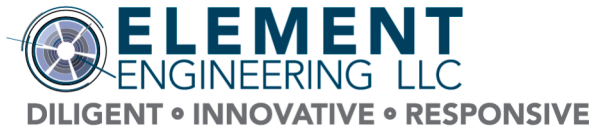
The customer agrees that this is a good faith estimate, based on the information available at the time the estimate was created. Actual invoice amount may be different at the completion of the listed work, due to unforeseen factors such as additional work, broken hardware, additional keys, etc

P.O. NUMBER		TERMS	DISPATCH #	SALES PERSON	
		NET 30		0005	
QUANTITY		DESCRIPTION		UNIT PRICE	AMOUNT
2.00		OUTDOOR ENCLOSURE NEMA 4-4X/IP		263.26	526.52
4.00		Request-to-exit Sensor Gray		124.62	498.48
4.00		Steel Door Contact Wide Gap Wh		9.33	37.32
4.00		Door Channel Magnet		8.62	34.48
4.00		Standard Smart Reader in black multi-frequency version		267.00	1,068.00
1.00		Core Series 4 port controller with 12/24v power supply		1,441.80	1,441.80
1.00		POWER SUPPLY 6A 12/24VDC		279.46	279.46
1.00		RELAY BOARD ONLY- 8 OUTPUTS		84.96	84.96
1.00		DISTRIBUTION BOARD 8 CONTINUOUS OUTPUTS		41.24	41.24
4.00		12 Volt 8.0ah Battery		23.85	95.40
0.50		GENESIS ACCESS CONTROL PLENUM 1000 RL YELLOW		1,114.26	557.13
		Access Control Composite (18/4 Stranded + 22/6 Stranded Shielded + 22/2 Stranded + 22/4 Stranded)			
		Plenum CMP/FT6 - 1000 ft. (304.8 m) Reel - Yellow			
1.00		Miscellaneous Materials		500.00	500.00
1.00		Access Control Labor		5,000.00	5,000.00
1.00		Basic Pack of 4 entries BILLED ANNUALLY		1,200.00	1,200.00

TOTAL \$11,364.79

JOB LOCATION:
Moltz/Greatrock North Water Sanitation

(X) _____
This estimate subject to terms and conditions of a signed agreement



MEMORANDUM

TO: Greatrock North Water and Sanitation District
FROM: Element Engineering
DATE: July 25, 2022
SUBJECT: ROWTP Construction Progress Budget Summary

PURPOSE

The purpose of this memorandum is to provide a project budget summary update for the Greatrock North Water and Sanitation District (GNWSD) Reverse Osmosis Water Treatment Plant (RO WTP) construction project.

BACKGROUND

The GNWSD requested Element Engineering, LLC (Element) prepare a budget summary and update the board on the current standing of budgeted funds, the status of the current construction contract, and approved change orders on the project. This summary also includes a summary of the current construction engineering expenditures and budget for the project.

Moltz Construction (Moltz) was provided the Notice to Proceed on June 14, 2021 and given 285 days to achieve Substantial Completion. The awarded contract amount was \$2,096,615.00. The originally scheduled Substantial Completion date was March 26, 2022. This timeline was extended by 160 days (Change Order No. 2) for a later construction start to allow time for county planning and zoning approval. The new Substantial Completion date is September 4, 2022. Construction of the new RO WTP is proceeding on-time with Moltz and associated subcontractors performing well.

PROJECT CONSTRUCTION BUDGET AND CHANGE ORDER SUMMARY (AS OF JULY 25, 2022)

The following summarizes the original engineer's estimate and the awarded bid amount:

Engineer's Estimate (July 2020)	Awarded Amount (June 2021)
\$1,871,332	\$2,096,615

The following table summarizes the approved change orders, current contract amount, and current date for substantial completion. Note that Moltz has verbally informed Element and GNWSD that they plan to request a new substantial completion date of September 30, 2022, allowing additional time for startup and commissioning of the new facility.



No.	Description	Amount (\$)	Schedule Impact (Days)
1	Roofing Credit Deduct	(\$17,536)	0
2	Project Delayed Start	\$10,973	160
3	Field Order #1 - Concentrate Pipeline	\$371,222	0
4	Irrigation Line Modifications	(\$5,002)	0
5	Hudson Mile Road Valve Box Repair	\$7,185	1
6	Field Order #2 - Metal Stud Revisions	\$7,974	0
7	Added Valves on Concentrate Pipeline	\$16,266	1
Total Change Order Amount		\$391,082	-
Total Change Order Schedule Impact		-	162
Current Contract Amount w/ Approved Change Orders		\$2,487,697	-
Current Days to Substantial Completion from NOA (June 14, 2021)		-	447
Current Substantial Completion Date		9/4/2022	

Note that the Engineer's Estimate, dated October 2021, and therefore the budgeted cost for Field Order No. 1 (Concentrate Pipeline) was \$278,875.

CONSTRUCTION ADMINISTRATION AND ENGINEERING BUDGET SUMMARY

Element's current agreement to provide construction administration and management services is \$111,000. This assumed an average of approximately 15-hours of onsite time per week, review of pay applications, submittals, weekly progress meetings, miscellaneous coordination meetings, startup coordination, and review of and change orders.

Due to the quality of work performed by Moltz, significantly less construction management and observation time has been required than was originally estimated. As of July 25, 2022, the remaining construction management budget is \$64,148.33 (58% budget remaining). Construction is estimated to be between 80% – 90% complete.



Change Order Log

Greatrock North WSD RO WTP

58
July 25, 2022

Cl #	Initiated By	Description	Schedule Impact (+/- days)	Type	Original Value	Change in Value	Final Value	Change Order Status			
								Engineer	Owner	Signed Copy Received	
1		Roofing Credit	0	Deduct	(\$17,536.00)	\$0.00	(\$17,536.00)	Recommended	Approved	YES	
2		Project Delayed Start	160	Addition	\$10,973.00	\$0.00	\$10,973.00	Recommended	Approved	YES	
3		Field Order #1 - Concentrate Pipeline	0	Addition	\$371,222.00	\$0.00	\$371,222.00	Recommended	Approved	YES	
4		Irrigation Line Modifications	0	Deduct	(\$5,002.00)	\$0.00	(\$5,002.00)	Recommended	Approved	YES	
5		Hudson Mile Road Valve Box Repair	1	Addition	\$7,185.00	\$0.00	\$7,185.00	Recommended	Approved	YES	
6		Field Order #2 - Metal Stud Revisions	0	Addition	\$7,974.00	\$0.00	\$7,974.00	Recommended	Approved	YES	
7		Added Valves on Concentrate Pipeline	1	Addition	\$16,266.00	\$0.00	\$16,266.00	Recommended	Approved	Waiting to Be Processed	
8		ADA Parking Pavement - Pending Option Selection						Under Review	Under Review		
9		Substantial Completion Update									
10											
			162					\$391,082.00			

SUMMARY		Total
Approved Change Orders		
Number of Approved CO's		7
Final Value of Approved CO's		\$391,082.00
Pending Change Orders		
Number of Potential CO's		2
Total Value of Potential CO's		\$0.00
Total Value of Approved and Pending CO's		\$391,082.00

Original Contract Amount: \$2,096,615.00

Current Contract Amount With Approved CO's: \$2,487,697.00



Ramey Environmental Compliance, Inc.
 PO Box 99, Firestone, CO 80520
 Office: 303-833-5505
 Fax: 303-833-5535

Estimate: ESD-6590

DATE: 7/18/2022

****ESTIMATE IS VALID FOR 30 DAYS****

NAME / ADDRESS
Greatrock North Water & Sanitation Dist 370 Interlocken Blvd Suite 500 Broomfield, CO 80021

Customer PO No.:	
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Estimated Delivery Time: 1 Day
(Subject to prior sales per manufacturer) Estimated delivery times may vary. There is no way to guarantee actual delivery dates.

***Note: All applicable Freight Charges, Taxes and Permit Fees will be added.**

<i>EQUIPMENT SERVICES DIVISION (ESD) PROJECT</i>			
DESCRIPTION	QTY	COST	TOTAL
The Fire Pump at Greatrock Box Elder will need to have a temporary VFD hooked up to it to allow it to stay in operation while the other pumps are being moved by the contractors to their new location. Ramey ESD will use a spare VFD from the Ramey Shop along with a pressure transducer to control the Fire Pump and maintain pressure in the distribution system.			
Temp VFD, Pressure Transducer, and Misc Piping	1	579.17	579.17
Field Labor	10	112.00	1,120.00
Mileage (1 Trip)	52	0.625	32.50

Limited to Manufacturer Warranty on parts
 Limited 90 day Warranty on Labor - REC Equipment Services Only
 All Labor Warranty is void if serviced by another vendor
 Due to supply chain issues, material and shipping charges are subject to change at the time of delivery. This is unfortunately out of our control

TOTAL: \$1,731.67

(If this estimate is acceptable, please sign and return via email or fax)

_____ Authorized Signature	_____ Date
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Greatrock North Water & Sewer District
ORC Report
August 2, 2022

Rocking Horse Farms Tank Fill Valve

The RHF Tank fill valve is experiencing on going issues with automatic control. REC and TLECC verified the issues are not electrical or SCADA control problem. Local CLA-Valve representative contacted to schedule site visit to inspect the valve to determine best course of action moving forward. In the meantime, tank fill is being manually controlled by REC.

Update – Local CLA-Valve Representative, Pipestone Equipment, onsite to access RHF fill valve. Pipestone Equipment believes the control issues are due to an internal pressure loss through the internal components of the valve. REC is coordinating with Element Engineering to develop plan to isolate valve for inspection. Presently there is no isolation valve with in the PRV pit and no valves indicated on plant drawings. Repair and/or replacement will need to take place during low demand season due to inability to fill tank while valve is out of service.

Update – Site walk through schedule the first week of January with Element Engineering to review site layouts and develop plans for repairs.

Update – Site walk-thru completed with Element Engineering and Moltz Construction. After reviewing of site layout and plans it is confirmed there is no known isolation valve for the RHF tank fill valve. Element Engineering and REC developing plans for repair, but it is likely an insertion type isolation valve will need to be installed prior to replacement of RHF fill valve.

Update – Element Engineering is developing scope of work for Moltz Construction to carry out repair.

Laramie Fox Hills 3 Well

The VFD for the Laramie Fox Hills has failed and will need to be replaced. Operations responded to a well failure alarm and found the VFD screen unresponsive. REC ESD was called onsite to further troubleshoot and found the VFD had experienced electrical issue causing many of the internal components to be damaged. The VFD has been bypassed allowing LFH3 to be used at full speed for augmentation. REC ESD is presently working on pricing and availability for a replacement VFD and will submit and estimate once this information is received.

Update – VFD replacement was approved during previous months board meeting however REC ESD is sourced an alternative VFD due to long lead time of the original replacement. Updated quote has been forwarded for approval.

Update – VFD for LF3 is on order with an anticipated delivery of estimated delivery of July 2022.

Augmentation

On 7/6/22 BBA Water requested augmentation of 180 gpm, request completed on 7/7/22.

Additional Services

REC coordinated with Northern Colorado Constructors to make repairs to water service line at 16520 Timber Cove St located on the district side of the meter pit. Repairs were completed on 7/1/22 with no further issues at this time.

REC coordinated with TNT Home Services to repair a leak at 30182 E 163rd Place. Leak appeared to be associated with water meter installation.

REC ESD completed repairs of distribution Pumps 1 and 3 at Rocking Horse Farms and Pump 1 at Greatrock North.

Water Quality

Month	ALV 1		ALV2		BECR		RHF		GRN	
	TDS mg/L	Hardness mg/L	TDS mg/L	Hardness mg/L	TDS mg/L	Hardness mg/L	TDS mg/L	Hardness mg/L	TDS mg/L	Hardness mg/L
July	1031	503	1037	497	709	324	718	327	742	314
June					718	321	689	298	693	302
May					691	277	762	313	743	308
April	1050	433	795	415	495	165	385	125	369	118
March					387	128	572	219	513	190
February	846	388	824	387	553	297	699	299	723	292
January					658	275	678	265	662	268
December					675	295	658	282	638	291
November	1087	451	1180	450	621	237	653	240	643	238
October					684	244	432	145	470	155
September					333	100	362	111	355	109
August	998	421	1208	547	713	315	617	261	639	272
July					654	275	615	278	648	280
Minimum	846	388	795	387	333	100	362	111	355	109
Maximum	1087	451	1208	547	718	321	762	313	743	308
Average	995	423	1002	450	599	244	594	236	591	235