

# GREATROCK NORTH WATER AND SANITATION DISTRICT

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**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 A REGULAR MEETING AND AGENDA

<u>Board of Directors:</u>	<u>Office:</u>	<u>Term/Expiration:</u>
Robert William Fleck	President	2020/May 2020
John D. Wyckoff	Vice-President	2018/May 2018
Jeffrey Polliard	Treasurer	2018/May 2018
Brian K. Rogers	Secretary	2020/May 2020
Dave Lozano	Asst. Secretary	2018/May 2018

### Consultants:

Lisa A. Johnson	District Manager
Jennifer Gruber Tanaka, Esq.	District General Counsel
Bradley A. Simons, PE	District Engineer

DATE: June 7, 2016  
TIME: 5:30 P.M.  
PLACE: United Power  
500 Cooperative Way  
Brighton, Colorado 80603

### I. ADMINISTRATIVE MATTERS (Action Items Status Matrix – enclosure - 002)

A. Present Disclosures of Potential Conflicts of Interest.

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B. Approve Agenda.

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C. Consider appointment of Officers:

President \_\_\_\_\_  
Vice President \_\_\_\_\_  
Treasurer \_\_\_\_\_  
Secretary \_\_\_\_\_  
Asst. Secretary \_\_\_\_\_

D. Board of Director's Report.

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E. Manager's Report (enclosure - 003).

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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. Review and approve the Minutes of the April 28, 2016 special meeting (enclosure – 004).
2. Consider ratifying approval of payment of claims through the period ending May 21, 2016 (enclosure - 005).

General Fund	\$	31,906.86
Debt Service Fund	\$	119,103.75
Capital Projects Fund	\$	1,495.60
<b>Total Claims:</b>	<b>\$</b>	<b><u>152,506.21</u></b>

3. Operations and Maintenance update, monthly work orders and Reverse Osmosis service report (enclosure – 006a, 006b and 006c).
  4. Review water quality report (enclosure – 007).
  5. Review water meter installations (enclosure – 008).
  6. Consider acceptance of cash position schedule and unaudited financial statements through the period ending April 30, 2016 (enclosure – 009).
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**REGULAR AGENDA**

III. FINANCIAL MATTERS

A. Status of Xpress Bill Pay implementation (enclosure -010).

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- B. Review and consider acceptance of 2015 Audited Financial Statements and authorize execution of Representations Letter (enclosures – 2015 draft Audit, Management Representations Letter and Board of Directors Communication Letter – 011a, 011b and 011c).
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IV. WATER MATTERS (ADJOURN TO EXECUTIVE SESSION PURSUANT TO §§24-6-402(4)(b) and (e), C.R.S., IF NECESSARY)

- A. Discuss pending water court cases.
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V. ENGINEER’S REPORT (enclosure – 012a and 12b)

- A. Concentrate Management.
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- B. Review of alternatives to Greatrock North Pump Station project.
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VI. OPERATIONS/MAINTENANCE MATTERS

- A. Review additional information regarding the purchase of GIS Handheld unit (enclosure – 013).
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VII. LEGAL MATTERS

- A. \_\_\_\_\_
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VIII. OTHER BUSINESS

- A. Review of District Website
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IX. COMMUNITY COMMENTS (ITEMS NOT ON THE AGENDA ONLY. COMMENTS LIMITED TO 3 MINUTES PER PERSON AND TAKEN IN ORDER LISTED ON SIGN UP SHEET).

- A. \_\_\_\_\_
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X. ADJOURNMENT **THE NEXT MEETING IS SCHEDULED FOR TUESDAY, JULY 5, 2016 AT 5:30 P.M.**

Greatrock North Water and Sanitation District Action Items Status Matrix—2016

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
GRN Pump Station Improvements Project <b>(2016 Capital Project)</b>	5/6/14	Brad Jennifer Lisa	10/31/16	1		X				<p>Project to be started and completed in 2016. Refer to previous action items for history of project prior to 2016.</p> <p>12/9/15: Brad has engineers getting caught up on project and design.</p> <p>1/20/16: David and Jonathan working to pick up project. Re-engaged structural engineer to review details. Brad has design status review meeting on Thursday and will bring information to mid-morning lunch. Jennifer to update bid documents for 2016 bidding.</p> <p>2/10/16: Jennifer sent updated bid documents to Brad for review and comment. Brad to provide redlined revisions to same.</p> <p>2/16/16: Electrical design 50% complete. Scheduled to advertise on or before 3/7 and award at April meeting.</p> <p>3/1/16: Lisa to provide courtesy notice to HOA of project.</p> <p>3/15/16: Email to Brad re status of review of construction docs.</p> <p>3/22/16: Email to Brad re status of review of construction docs and bidding of project.</p> <p>3/23/16: Brad published invitation to bid on project.</p> <p>3/29/16: David provided redlined construction docs to Jennifer. Jennifer responded with revisions to be incorporated into final documents. Jennifer requested copy of published invitation.</p> <p>4/19/16: Project advertised in Brighton Blade 3/23, 3/30, 4/6. Pre-bid conducted 4/6. Six (6) GCs requested plans. Bid opening is scheduled for 4/26/16 at 3:00 p.m. at SDMS. Adams County plan review package to be submitted upon receipt of plan review fee (\$1,390). TZA meeting with TLECC on 4/28/16 to discuss updated instrumentation and control components.</p> <p>4/28/16: Bids reviewed by Board. Brad to contact lowest bidder to determine whether any line items too high, obtain proposal from STG for addition of 8 feet to top of existing tank and obtain quotes for replacement of existing pumps and motors for review and consideration.</p> <p>5/18/16: Brad drafting memo to Board with updated information. Meeting Chris Thompson at site re pumps, etc. Brad to call John W re project.</p>

Greatrock North Water and Sanitation District Action Items Status Matrix—2016

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
Rules and Regulations	8/27/14	Jennifer Lisa Brad Jeff	5/31/16	3		X				<p>Board to consider reissuance of rules and regulations to update. Add final inspection of meters/pits with issuance of letter of acceptance by District. Must have in place going forward. Any failure to keep pit visible and accessible is violation of rules and regulations and may be subject to fees and/or fines. Copper piping v. blue pipe.</p> <p>5/5/15: Address outdoor use of water in BECR based upon Matt Poznanovic’s determination of permitted uses in decrees.</p> <p>6/17/15: Also address set up and location of curb stops in BECR to avoid issues going forward. Brad to look at current R&amp;R to see how this is addressed and whether an option is provided.</p> <p>6/25/15: Chad Weaver (TZA) provided information on the curb stop boxes to Lisa Johnson on June 17. The Rules &amp; Regulations should specify 6500 Series Screw Type curb boxes, as manufactured by Castings Inc. (970-243-2032), having a minimum internal diameter of 2.25 inches, or an approved equal. The part number is “C.I. 95-E” and includes a 30” top section and a 39” bottom section allowing for a bury depth of 41 inches to 64 inches. For deeper installations, Castings Inc. offers extensions in 9” (Item 151), 16” (Item 152), 28” (Item 153), and 30” (Item 154) heights.</p> <p>10/21/15: Budgeted as 2016 project.</p> <p>12/9/15: Brad and Jennifer to discuss how to address properties adding a second building to water tap.</p> <p>3/1/16: Jennifer blocked off 3/7 to work on revisions.</p> <p>5/18/16: Jennifer to work on redraft.</p>
Water Rights Acquisition	10/30/13	Lisa Chris Brad Jennifer	12/31/16	1		X	X			Updates to be provided in Executive Session or under separate cover.

Greatrock North Water and Sanitation District Action Items Status Matrix—2016

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
GIS Services	7/7/15	Brad Lisa	5/31/16	2		X				<p>12/4/15: First proposal from Tamarack expensive. Brad to look at other options which are more cost effective. Dave to check to see who they use as well.</p> <p>1/6/2016: Brad to invite GeoLens and Tamarack to February meeting for 15 minute demonstration by each. Request written proposal from Tamarack. Determine what is provided by GeoLens for monthly charge.</p> <p>1/20/16: Brad met with GeoLens and Tamarack regarding presentation at meeting. Brad to prepare summary memorandum for Board.</p> <p>2/16/16: Group to attend March meeting.</p> <p>3/1/16: Presentations given to Board. Brad and Lisa to meet with Shane at Tamarack to refine and tailor pricing for District.</p> <p>3/23/16: Committee approved engagement of Tamarack and revised proposal received. Agreement for Tamarack for GIS work sent to Lisa for execution.</p> <p>3/29/16: Brad to follow-up with Jonathan on the status of the first data transmittal to Shane Bergman.</p> <p>4/19/16: Tamarack has received and processed boundary and easement data; Spatial issues have been identified that will be discussed on 4/25 (tentative).</p> <p>4/28/16: Shane to purchase Trimble RI data collection device. Lisa to send Jeff Rabas's information to Shane to set up on GIS system.</p> <p>5/18/16: Trimble RI pricier than anticipated plus monthly charge. Information sent to John W for thoughts on device.</p>
Altela System	8/4/15	Brad Altela	12/31/16	1		X				<p>12/9/15: ON HOLD pending resolution of license matter. Refer to prior action items for history of matter prior to 2016.</p> <p>1/20/16: Brad reached out to Altela to get update.</p> <p>3/29/16: Brad to determine if Mountain Air Ranch is interested in any of these 330-gallon totes. Info sent to MAR via e-mail on 3/29/16 – awaiting response on interest.</p>

Greatrock North Water and Sanitation District Action Items Status Matrix—2016

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SCADA Reports	8/31/15	Jeff Brad	3/31/16	2		X				<p>Jeff to review reports to look at erratic levels and determine what issues are. Brad to follow up with Jeff on same.</p> <p>9/16/15: Jeff to meet with Brad to review.</p> <p>10/21/15: Reviewed on Monday. Jeff to provide proposal for new meter.</p> <p>11/18/15: Brad to review reports to determine whether erratic behavior has settled down.</p> <p>12/9/15: Brad to collect additional data in review of reports due to recent changes. Jeff to take picture of readings as well.</p> <p>1/20/16: Reports looking good. Waiting to replace GRN flow meter as part of pump station project. RHF meter appears to be going bad. Brad to look at meter and reports again for this meter to determine if needs to be replaced.</p> <p>2/16/16: RHF meter reading about 1/3 of what is going to the tank. Jeff to put together a quote to replace the RHF distribution meter which is in the vault. Brad believes it is a 6" meter but need to confirm size. (REF. RHF Distribution Flow Meter below.)</p> <p>4/19/16: Jeff e-mailed TLECC on 4/6/16 regarding alluvial well meters resetting during power outages and responded to TLECC's question on 4/7/16.</p> <p>5/18/16: Jeff waiting on cost proposal from TLECC for backup batter for issue. Jeff to follow up with Mike again.</p>
RHF Distribution Flow Meter	3/16/16	Jeff	5/31/16	3					X	<p>3/18/16: Lisa approved purchase of flow meter. Jeff to place order for same.</p> <p>5/18/16: Complete and installed.</p>

Greatrock North Water and Sanitation District Action Items Status Matrix—2016

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Control Valve Evaluation	9/1/15	Jeff	3/31/16	2		X				<p>Brad to develop plan for control valve evaluation. Brad and Jeff to update valve inventory in Allmax software system and work with Lisa and budget committee to prioritize efforts for 2016 and beyond.</p> <p>9/16/15: Brad started compiling list of valves. Brad and Jeff to walk facilities. Brad to begin on Thursday with BECR.</p> <p>9/23/15: Check valve on BECR fire pump completed.</p> <p>10/21/15: Brad started inventory sheet and sent to Jeff with photos. Jeff to complete rest of facilities by end of year.</p> <p>1/20/16: Brad to contact isiWest for quote on servicing BECR pump station valves.</p> <p>2/16/16: Brad contacted isiWest. No response yet. Brad to reach out again.</p> <p>3/1/16: isiWest called back. Brad to send specific valve information for pricing.</p> <p>3/11/16: Jeff transmitted a valve inventory to Lisa for review.</p> <p>3/29/16: Brad to follow-up with iSiWest on the BECR valves and I will review and comment on Jeff's e-mail of 03/11/16.</p> <p>4/19/16: TZA sent inventory of valves to be serviced to iSiWest and REC-ESD on 3/29/16. No responses to date.</p> <p>5/18/16: Brad has quote from isiWest. Jeff to check with Chris on status of information.</p>
2010 Arbitrage Analysis	10/6/15	Divena Lisa	12/31/16	3		X				<p>2010 Analysis to be completed.</p> <p>1/20/16: On schedule to begin work.</p> <p>5/18/16: Divena to pull information and send over to Kutak for analysis.</p>

Greatrock North Water and Sanitation District Action Items Status Matrix—2016

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Tar on Valve Covers in BECR	11/18/15	Jeff Lisa	5/31/16	2					X	<p>93 valve covers in BECR but can only access about 30 due to being covered by tar with road crack sealing performed by County. Jeff placed call to Lydia Stegall at County requesting County scrape tar off so we can access.</p> <p>12/9/15: Jeff and Lisa to follow up with County.</p> <p>1/5/16: County has uncovered 10 of the valves and continues to work on remaining valves.</p> <p>1/20/16: County says project complete. Jeff to confirm all uncovered.</p> <p>2/16/16: Jeff noted project complete. Valves also exercised. There may be 1 more that needs to be uncovered but Jeff to determine where that is located.</p> <p>5/18/16: Final valve cover never located.</p>
Henrilyn Easement	1/5/16	Brad Jennifer	3/31/16	3					X	<p>Brad to add easement to easement binder and map. Jennifer to review to determine whether any additional easements not included.</p> <p>1/20/16: Jennifer sent additional easements and deeds to Brad to confirm whether in binder and on map.</p> <p>4/19/16: Brad reviewed the eight (8) easements – only one (08/24/06) is associated with Henrylyn. Others will be addressed with the “GIS Services” in the future.</p>
RO Adjustments	1/5/16	Brad Jeff	3/31/16	1		X				<p>Brad and Jeff to revise RO blending so that TDS is 300 mg/l and hardness is 70 mg/l are achieved.</p> <p>1/6/16: RO operations reduced to 4 hours.</p> <p>1/20/16: Jeff forwarded latest test results to Brad.</p> <p>2/16/16: Jeff to get updated results so they can be reviewed prior to meeting. Send results to Brad.</p> <p>3/1/16: Jeff to adjust to 6 hours per day.</p> <p>3/2/16: Mike Atwood made adjustments at 1400. Sample results for 3/9/16 received on 3/21/16.</p> <p>5/18/16: Adjusted back to 4 hours after 4/28 meeting.</p>

Greatrock North Water and Sanitation District Action Items Status Matrix—2016

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
Utility Billing Charts	1/5/16	Brad	3/31/16	3					X	Brad to note rate changes from United Power in charts. 1/20/16: Brad to review rates to determine last rate change and whether new change anticipated. 2/16/16: Brad has not seen update in rates for awhile. Will review and bring forward if and as needed. 3/1/16: United Power fees per kw are lower from prior years. Not sure if the rates will increase in 2016. 3/18/16: TZA e-mails Director Wyckoff and Manager Johnson with a summary of accounts. In all cases, the base rates increased 20% to 25% but the on-peak usage rates decreased. 5/18/16: Included in monthly report going forward.
2015 Audit	1/5/16	Neil Divena Lisa	7/31/16	2		X				2015 Audit to be conducted. 5/18/16: Field work complete. Neil planning to present at June meeting.
RHF Water Tank Paint and Roof	2/25/16	Jeff Brad	5/31/16	2		X				Jeff reported paint peeling from tank. Brad left message for Coblaco, the contractor, regarding the matter. 3/28/16: Brad to follow up with Coblaco about roof issues as well. 3/30/16: Mike Atwood met with Coblaco representative on-site. 4/19/16: Brad to follow-up with Coblaco (Greg Smith). 4/28/16: Coblaco determined condensation on roof of tank which impacted paint. Coblaco working to correct issue. 5/18/16: Brad in communication with Coblaco who is working on issue. Will have update for meeting.
Construction Meter for Cary Redman	3/1/16	Jeff Lisa	5/31/16	2		X				Jeff to work with Cary to get him set up for use of construction meter. SDMS to read meter and bill Cary. 5/18/16: Cary has not yet contacted Lisa for meter.
CDPHE Sanitary Survey	3/1/16	Jeff	5/31/16	1					X	3/15/16: Jeff completed survey. All went well and letter to be sent within 30 days. 4/1/16: Letter received from CDPHE. No deficiencies or violations. 4 recommendations.
Spare Motors for Pump Stations	3/28/16	Brad	12/31/17	4		X				Incorporate into 2017 budget the purchase of spare motors for pump stations. 3/31/16: Lisa received quote for a spare motor for RHF standard service pumps. Brad to review. 5/18/16: RHF needed pump station now so that one installed now. Others to be reviewed and incorporated into 2017 budget.

Greatrock North Water and Sanitation District Action Items Status Matrix—2016

Action Items	Date of Meeting	Assigned To	Deadline	Priority	Not Started	In Process	Reoccurring	Follow up Required	Complete	Notes
Air/Vac Valves	3/28/16	John				X				John to contact Cary Redman about potholing the installations west of the BECR tank. 5/18/16: Brad to follow up with John on status.
Discharge Permit Application	3/28/16	Brad				X				Brad to review comments from Jennifer Charles's email.
BECRWC Water Quality Data	3/28/16	Brad Jeff				X				Request water quality data from Dave Rye. 3/29/16: Jeff quote "roughly \$120.00" to run a third set of well water parameters with the 2 <sup>nd</sup> quarter EDOP tests for ALV-1 and ALV-3. 4/19/16: Brad e-mailed Dave Rye about sampling BECRWC irrigation well. 5/18/16: Dave gave permission to sample. Need to get access through gate. Jeff working with Dave to get access.
Storage Tank Cleaning Services	4/28/16	Lisa Jeff	7/31/16	2		X				Jennifer to draft agreement. 4/29/16: Agreement to Lisa. 5/18/16: Agreement executed. Jeff coordinating work with Inland. Not yet schedule.
Xpress Bill Pay Services	4/28/16	Lisa Divena	5/31/16	2					X	Board approved services. Lisa to have agreement executed and have services implemented. 5/18/16: Agreement executed and service set up and operational.
<b>WATER RIGHTS CASES</b>										
13CW3108 Box Elder Creek Ranch Properties Water Court Application (District's Opposition)	12/3/13	W&J	N/A	1		X				White & Jankowski to provide updates on status of case as available and necessary. Updates to be provided under separate cover.
Prosper Farms Water Court Application 13CW3143	2/5/14	Matt Lisa Chris	N/A	1		X				Updates to be provided under separate cover and discussed in executive session. 9/1/15: Trial scheduled for 10/31-11/4/2016.
14CV3174 District's Water Court Case to Secure Junior Water Rights	11/4/14	Lisa Matt Chris	N/A	1		X				Updates to be provided in Executive Session or under separate cover.
15CW3010 Box Elder Creek Ranch Properties Application for Augmentation Rights Water Court Case (District's Opposition)	3/3/15	W&J	N/A	1		X				Updates to be provided in Executive Session or under separate cover.
14CW3166 Cooper Surface and Storage Rights Water Court Application (District's Opposition)	3/3/15	Matt	N/A	1		X				Updates to be provided in Executive Session or under separate cover.



Date: May 31, 2016  
To: Greatrock North Water and Sanitation District, Board of Directors  
From: Lisa A. Johnson, District Manager  
Re: June 7, 2016 Manager's Report

### **Agenda Action Items**

#### **II.A. Consent Agenda**

1. Review and approve the Minutes of the April 28, 2016 special meeting.
2. Ratify the approval of the claims for May 2016.
3. Operations and Maintenance update, monthly work orders and RO service report.
4. Review monthly water quality report.
5. Review monthly water meter installations.
6. Accept unaudited financial statements and cash position for the period ending April 30, 2016.

**I recommend approval of the consent agenda items.**

#### **III.A. Xpress Bill Pay Update**

Xpress Bill Pay is up and running. Three customers have already requested paperless billing and seven customers have paid online. Enclosed in the board packet is a flyer explaining the service that I would like to include in the June bills.

### **III.B. 2015 Audit**

Neil Schilling will attend the meeting and present the 2015 audit.

**I recommend acceptance of the 2015 audit and execution of the management representation letter.**

### **VI.A. Hand Held Data Collection Device**

Taylor Ward with Tamarack Consulting, LLC will attend the meeting to discuss this agenda item.

### **Review of monthly Water Resumes and Other Water Related Matters**

Attorney Poznanovic reviewed the May resume, and did not find any cases that he thinks the District would have an interest in opposing.

### **Summary of Mid-Month Meeting**

Directors Fleck and Wyckoff, Mr. Simons and I did not meet for a mid-month meeting in May.

## RECORD OF PROCEEDINGS

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### MINUTES OF A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE GREATROCK NORTH WATER AND SANITATION DISTRICT HELD APRIL 28, 2016

A special 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 Thursday, April 28, 2016 at 5:30 P.M., at United Power, 500 Cooperative Way, Brighton, Colorado. The meeting was open to the public.

#### ATTENDANCE

#### Directors In Attendance Were:

Robert W. Fleck  
John D. Wyckoff  
Jeffrey Polliard  
Dave Lozano

Following discussion, upon motion duly made by Director Polliard, seconded by Director Lozano and, upon vote, unanimously carried, the absence of Brian K. Rogers was excused.

#### Also In Attendance Were:

Lisa A. Johnson and Divena Mortimeyer (for a portion of the meeting); Special District Management Services, Inc.

Jennifer Gruber Tanaka, Esq.; White Bear Ankele Tanaka & Waldron, P.C.

Brad Simons; TZA Water Engineers

Shane Bergman; Tamarack Consulting, LLC (for a portion of the meeting)

#### DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

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. Ms. Johnson confirmed that disclosures of conflicts of interest were filed with the Secretary of State's Office and the Board at least 72 hours prior to the meeting for those Directors with potential conflicts of interest. The Board reviewed the Agenda for the meeting, following which, Directors Fleck, Polliard, Lozano, and Wyckoff each confirmed that they had no additional conflicts of interest in connection with any of the matters listed on the Agenda.

**RECORD OF PROCEEDINGS**

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**ADMINISTRATIVE MATTERS**

**Agenda:** Ms. Johnson distributed for the Board’s review and approval a proposed Agenda for the District’s special meeting.

Following discussion, upon motion duly made by Director Polliard, seconded by Director Lozano and, upon vote, unanimously carried, the Agenda was approved.

**Board of Directors’ Report:** There was nothing to report.

**Manager’s Report:** Ms. Johnson presented and the Board reviewed the April Manager’s Report. A copy of the report is attached hereto and incorporated herein by this reference.

**CONSENT AGENDA**

**Consent Agenda:** The Board considered the following actions:

- Approve Minutes of the March 1, 2016 regular meeting.
- Ratify approval of payment of claims through the period ending March 14, 2016, as follows:

General Fund	\$ 23,566.81
Debt Service Fund	\$ -0-
<u>Capital Projects Fund</u>	<u>\$ -0-</u>
<b>Total Claims:</b>	<b><u>\$ 23,566.81</u></b>

- Ratify approval of payment of claims through the period ending April 11, 2016, as follows:

General Fund	\$ 37,527.06
Debt Service Fund	\$ -0-
<u>Capital Projects Fund</u>	<u>\$ 289.16</u>
<b>Total Claims:</b>	<b><u>\$ 37,816.22</u></b>

- Review operations and maintenance update and monthly work orders
- Review monthly water quality report
- Review monthly water meter installations
- Ratify approval of an Independent Contractor Agreement with Tamarack Consulting, LLC for GIS Services

Following discussion, upon motion duly made by Director Fleck, seconded by Director Polliard and, upon vote, unanimously carried, the Board approved the consent agenda items.

## RECORD OF PROCEEDINGS

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### FINANCIAL MATTERS

**Xpress Bill Pay Presentation:** Ms. Mortimeyer presented a web-based online bill payment system that allows customers to pay their water bills online using credit cards, debit cards, or electronic funds transfer using a checking or savings account. Xpress Bill pay also offers a lockbox service for processing payments received via check or money order. The fees associated with the transactions would be paid by the District.

Attorney Tanaka noted that she has reviewed the contract and provided revisions for inclusion to Xpress Bill Pay. Xpress Bill Pay accepted all of her requested revisions with the exception of the State which would govern the agreement should there be any contractual disputes. Attorney Tanaka asked that the laws in Colorado govern the contract. Xpress Bill Pay explained that they have over 390 clients in more than 28 states and therefore require the venue to be Utah.

The Board reviewed and discussed the information and determined the risk was low given the services provided.

Following discussion, upon motion duly made by Director Fleck, seconded by Director Polliard and, upon vote, unanimously carried, the Board approved an agreement with Xpress Bill Pay accepting the State of Utah as the venue for any contractual disputes.

**March 31, 2016 Unaudited Financial Statements:** Ms. Johnson presented and the Board reviewed the March 31, 2016 unaudited financial statements and schedule of cash position.

Following discussion, upon motion duly made by Director Wyckoff, seconded by Director Polliard and, upon vote, unanimously carried, the Board accepted the cash position schedule and unaudited financial statements through the period ending March 31, 2016.

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### WATER MATTERS

**Pending Water Court Cases:** There was nothing new to report.

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### ENGINEER'S REPORT

**Engineer's Report:** Mr. Simons presented the Engineer's Report to the Board. A copy of the report is attached hereto and is incorporated herein by this reference.

**Concentrate Management:** Mr. Simons discussed the current water level of the ponds. It was determined to reduce the Reverse Osmosis operation time from 6 hours per day to 4 hours per day effective April 29, 2016.

**Greatrock North Pump Station Project Bid Summary:** Mr. Simons presented the bid summary related to the Greatrock North pump station project. A copy of the summary is attached hereto and incorporated herein by this reference.

## RECORD OF PROCEEDINGS

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Mr. Simons noted that the bids came in about 30% higher than he expected.

He discussed other alternatives to upgrade the pump station:

Alternative #1 – Replacing the existing pumps with like pumps with higher efficiency than the existing pumps. His rough estimate for this alternative is \$162,500.

Alternative #2 – Remove the below grade tank and replace with an above grade steel tank and pump station. Estimated cost \$400,000 to \$500,000.

Alternative #3 – Discuss with low bidder if there is an opportunity to reduce costs any way.

Alternative #4 – Add 8 feet of concrete tank to the existing tank and replace pumps with a similar pump configuration as Rocking Horse Farms pump station.

Mr. Simons will research the alternatives and provide a report back to the Board at a special meeting if necessary or at the June Board meeting.

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### OPERATIONS/ MAINTENANCE MATTERS

**GIS Mapping:** Mr. Shane Bergman with Tamarack Consulting, LLC gave a presentation on the GIS services prepared to date.

**Hand Held Data Collection Device:** The Board reviewed the cost to purchase a hand held GIS data collection device. Mr. Bergman recommends purchasing the Trimble R1 GNSS receiver at a cost of \$2600.

Following discussion, upon motion duly made by Director Polliard, seconded by Director Wyckoff and, upon vote, with Directors Polliard, Wyckoff and Lozano voting yes and President Fleck voting no, the Board approved the purchase of the Trimble R1 GNSS receiver at a cost of \$2600.

**Water Storage Tank Cleaning and Inspection Services:** The Board reviewed two proposals for water storage cleaning and inspection services. Inland Potable Services, Inc. proposed to complete the cleaning and inspection of four tanks for \$5,500. Marine Diving Solutions proposed to complete the same services for \$7,485. In addition to the costs associated with the services proposed, there will be additional costs to have the District's Operator in Responsible Charge on site during the services to monitor and address erosion issues with the contractor.

Following discussion, upon motion duly made by Director Wyckoff, seconded by Director Polliard and, upon vote, unanimously carried, the Board approved the proposal from Inland Potable Services, Inc. in the amount of \$5,500 and directed Attorney Tanaka to draft an Independent Contractor Agreement.

## RECORD OF PROCEEDINGS

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### LEGAL MATTERS

**Legal Matters:** There were no legal matters to discuss.

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### OTHER BUSINESS

**Other Business:** President Fleck asked the Board their thoughts on possibly hiring a larger engineering firm such as CH2M Hill to assist the District with their concentrate issues. The Board discussed the suggestion and determined not to take action at this time.

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### COMMUNITY COMMENTS ADJOURNMENT

**Community Comments:** There were no community comments.

There being no further business to come before the Board at this time, upon motion duly made, seconded and, upon vote, unanimously carried, the meeting was adjourned.

Respectfully submitted,

By \_\_\_\_\_

Secretary for the Meeting

THESE MINUTES APPROVED AS THE OFFICIAL APRIL 28, 2016  
MINUTES OF THE GREATROCK NORTH WATER AND SANITATION  
DISTRICT BY THE BOARD OF DIRECTORS SIGNING BELOW:

\_\_\_\_\_  
Robert William Fleck

\_\_\_\_\_  
Jeffrey L. Polliard

\_\_\_\_\_  
Brian K. Rogers

\_\_\_\_\_  
John D. Wyckoff

\_\_\_\_\_  
Dave Lozano



Date: April 21, 2016  
To: Greatrock North Water and Sanitation District, Board of Directors  
From: Lisa A. Johnson, District Manager  
Re: April 28, 2016 Manager's Report

**Agenda Action Items**

**II.A. Consent Agenda**

1. Review and approve the Minutes of the March 1, 2016 regular meeting.
2. Ratify the approval of the claims for March and April 2016.
3. Operations and Maintenance update and monthly work orders.
4. Review monthly water quality report.
5. Review monthly water meter installations.
6. Ratify approval of ICA with Tamarack Consulting, LLC for GIS Services.

**I recommend approval of the consent agenda items.**

**III.A. Xpress Bill Pay Presentation**

Ms. Mortimeyer will attend the board meeting to present an online bill pay and lockbox processing service to the Board to enhance our current billing services to our customers.

### **III.B. March 31, 2016 Financial Statements**

I will present the March 31, 2016 unaudited financial statements to the Board at the meeting.

**I recommend acceptance of the March 31, 2016 unaudited financial statements.**

### **VI.A.1 Hand Held Data Collection Device**

Director Wyckoff, Mr. Simons and I met with Shane Bergman of Tamarack Consulting, LLC to discuss Phase 1 GIS services. At the meeting, Director Wyckoff requested cost options to purchase a hand held data collection device. Include in the Board packet is email correspondence between Mr. Bergman and me regarding options.

### **Review of monthly Water Resumes and Other Water Related Matters**

Attorney Poznanovic reviewed the January resume, and did not find any cases that he thinks the District would have an interest in opposing.

### **Summary of Mid-Month Meeting**

Directors Fleck and Wyckoff, Mr. Simons and I did not meet for a mid-month meeting in March or April.

### **Status of 2015 Audit**

Fieldwork has been scheduled to conduct the 2015 audit and the audit is scheduled to be presented to the Board in June or July.

### **1<sup>st</sup> Quarter 2016 Facility Inspection**

Director Wyckoff, Mr. Simons, Mr. Rabas and I met on March 28, 2016 to conduct the 1<sup>st</sup> quarter facility inspection. Topics discussed are as follows:

#### **Miscellaneous Topics**

Reviewed 3<sup>rd</sup> quarter 2015 inspection comments/issues.

Control Valves Inventory is in progress

Air Vacuum valves at BECR need to be lowered – Mr. Simons will research and prepare a plan to lower. Mr. Simons will provide dates for work and Director Wyckoff will coordinate potholing services with Redman Pothole Services.

**Well Review**

Alluvial Well #2 – confirmed that it is exercised quarterly.

**Treatment Review**

RHF tank needs paint repairs. Mr. Simons has contacted Coblaco regarding this issue.

Storage Tank Plan is in process.

Storage tank inspections – proposals received and will be presented to the Board at April meeting.

**Distribution System Review**

No concerns identified at this time.



**Ramey Environmental Compliance, Inc.**  
 Management and Operation Solutions for  
 Water and Wastewater Treatment  
**303-833-5505**

PO Box 99, Firestone, Colorado 80520  
 email: [contact.us@RECinc.net](mailto:contact.us@RECinc.net)  
[www.RECinc.net](http://www.RECinc.net)

**Greatrock North W & S District  
 Monthly Activities  
 March 28<sup>th</sup> – April 18<sup>th</sup>**

**3/28/16: (1.64hrs)** Regular checks and readings.

**3/30/16: (2.77hrs)** Regular checks and readings. Met with the Coblanco tech for the Rocking Horse Farms tank. Changed the oil on the tonka flow pump.

**4/1/16: (1.5hrs)** Regular checks and readings.

**4/4/16: (2.25hrs)** Regular checks and readings. Attempted locate for 16665 Electra St. – address not in District.

**4/6/16: (2.10hrs)** Regular checks and readings.

**4/8/16: (2.95hrs)** Regular checks and readings. Tested the alluvial well backup power. Completed locates at: 28285 E 160<sup>th</sup> Ave and 16580 Umpire St.

**4/11/16: (1.42hrs)** Regular checks and readings.

**4/12/16:** Completed locates at: 16458 Joppa St and 16370 Jalna Ct.

**4/13/16: (3.07hrs)** Regular checks and readings. Completed a locate at 16480 Tree Haven St.

**4/14/16:** Completed a locate at 31310 E 164<sup>th</sup> Ave.

**4/15/16: (1.32hrs)** Regular checks and readings.

**4/18/16: (2.78hrs)** Regular checks and readings. Collected monthly samples. Completed a locate at 31405 E 166<sup>th</sup> Ave.

**4/19/16:** Completed a locate at 16353 Rayburn St.  
 During the recent snow storms all three generators ran fine and fuel tanks have been topped off.

**March 25<sup>th</sup> – April 18<sup>th</sup>**

RO Run Time Hrs	129.90 hrs
RO Concentrate Flow – 1 pond (North)	226,026 gallons

**(Available next report)**

Monthly Testing	TDS(mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Total Hardness(mg/L)
BE				
RHF				
GRN				

Completed Work Order List Report

4/20/2016

Page 1 of 1

Completed	Equipment Number	Task	Priority	WO#	Type
3/31/2016	BOX RO system	CIP Clean in place	1	630.01	Scheduled
3/30/2016	BOX RO Pump	Change Oil Change Oil(069)	2	621.01	Scheduled
3/30/2016	BOX BP3 VFD	Clean Eqp Clean Equipment	5	627.01	Scheduled
3/30/2016	BOX BP2 VFD	Clean Eqp Clean Equipment	5	626.01	Scheduled
3/30/2016	BOX BP1 VFD	Clean Eqp Clean Equipment	5	625.01	Scheduled
3/25/2016	RHF Generator	Ck Fuel Check Fuel Level	5	634.01	Scheduled
3/25/2016	GN Generator	Ck Fuel Check Fuel Level	5	632.01	Scheduled
3/25/2016	BOX RO system	Send Pictures	2	620.01	Scheduled
3/25/2016	BOX Generator	Ck Fuel Check Fuel Level	5	629.01	Scheduled
3/17/2016	GN Generator	Annual Ser Annual Service	3	631.01	Scheduled
3/9/2016	RHF Building	TDS and Hardness	1	624.02	Scheduled
3/9/2016	GRN Pump Building	TDS and Hardness	1	624.03	Scheduled
3/9/2016	Boxelder Pump Buildi	TDS and Hardness	1	624.01	Scheduled
2/29/2016	South Concentrate Pond	EDOP Sampling	1	596.01	Scheduled
2/29/2016	North Concentrate Pond	EDOP Sampling	1	595.01	Scheduled
2/29/2016	ALV-2 Well	EDOP Sampling	1	594.01	Scheduled
2/29/2016	ALV-1 Well	EDOP Sampling	1	593.01	Scheduled
2/26/2016	BOX RO system	Send Pictures	2	607.01	Scheduled
2/26/2016	BOX BP3 VFD	Clean Eqp Clean Equipment	5	610.01	Scheduled
2/26/2016	BOX BP2 VFD	Clean Eqp Clean Equipment	5	609.01	Scheduled
2/26/2016	BOX BP1 VFD	Clean Eqp Clean Equipment	5	608.01	Scheduled
2/17/2016	RHF Generator	Annual Ser Annual Service	3	633.01	Scheduled
2/17/2016	BOX Generator	Annual Ser Annual Service	3	628.01	Scheduled
2/12/2016	RHF Generator	Ck Oil Check Oil Level(069)	5	617.01	Scheduled
2/12/2016	RHF Generator	Ck Fuel Check Fuel Level	5	616.01	Scheduled
2/12/2016	GN Generator	Ck Oil Check Oil Level(069)	5	614.01	Scheduled
2/12/2016	GN Generator	Ck Fuel Check Fuel Level	5	613.01	Scheduled
2/12/2016	BOX Generator	Ck Oil Check Oil Level(069)	5	612.01	Scheduled
2/12/2016	BOX Generator	Ck Fuel Check Fuel Level	5	611.01	Scheduled
2/10/2016	RHF Building	TDS and Hardness	1	618.02	Scheduled
2/10/2016	GRN Pump Building	TDS and Hardness	1	618.03	Scheduled
2/10/2016	Boxelder Pump Buildi	TDS and Hardness	1	618.01	Scheduled
2/8/2016	Water Sampling	Bacti Bacti Sampling(069)	1	619.01	Scheduled

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**ENGINEER'S REPORT**  
**APRIL 20, 2016**

### Greatrock North Pump Station Improvements

The project was advertised in the Brighton Standard Blade on March 23, March 30, and April 6. A pre-bid meeting was conducted on April 6. Six (6) general contractors have requested project manuals. Addenda were issued on April 8 and April 21. The bid opening is scheduled for April 26 at 3:00 p.m. at Lisa's office. A bid tabulation and recommendation of award will be presented at the April 28 Board meeting. An Adams County plan review package will be submitted upon receipt of the plan review fee (\$1,390) from Lisa's office. TZA will be meeting with Timber Line Electric on April 28 to discuss updated instrumentation and control components.

### Concentrate Management

On December 2, 2015, Ramey Environmental Compliance closed the valve to the north concentrate pond and opened the valve to the south concentrate pond. The valve between the two ponds remains closed. At the time the valves were changed, the north pond had approximately six inches to eight inches of freeboard and the south pond had a pond level recording of 2.23 feet. Since the valves were changed, the south pond has risen to a level recording of 3.75 feet as of April 20, 2016. Last weekend's snow storm raised the level from 3.53 feet to 3.75 feet. From December 15 to January 6, the RO unit was programmed to run a maximum of 8 hours each. On January 6, Jeff Rabas reduced the maximum run time to 4 hours per day. On March 2, 2016 Jeff Rabas increased the maximum run time to 6 hours per day. We continue to monitor the South pond level while targeting our water quality goals for total dissolved solids and hardness. Below is information from monthly data collection provided by Ramey Environmental Compliance for 2016.

Date	Location	TDS (lab)	Hardness (lab)	Conductivity (field)
02/10/16	RHF Tank	324 mg/l	88.9 mg/l	541 micromho/cm
02/10/16	GN Tank	337 mg/l	97.1 mg/l	567 micromho/cm
02/10/16	BECR Tanks	422 mg/l	134.8 mg/l	578 micromho/cm
March 2016	DATA PENDING FROM RAMEY ENVIRONMENTAL COMPLIANCE			
April 2016	DATA PENDING FROM RAMEY ENVIRONMENTAL COMPLIANCE			

**LAMP RYNEARSON COMPANIES**

**Engineer's Report**  
**April 20, 2016**

**Reverse Osmosis Water Treatment Plant Monitoring**

TZA is monitoring the performance of the Osmonics reverse osmosis unit following Worth Hydrochem's service call in October of 2015. The new membranes were installed on October 28, 2015.

Date	Rejection (%)	Diff. Pressure (psi)	Feed Water Temp. (F)	Recovery (%)	RO Pump Hours
10/29/2015	99.4	31	58.9	79.3	1293.1
12/09/2015	99.3	32	53.6	78.6	1506.8
01/15/2016	99.2	31	54.4	79	1689.1
02/05/2016	99.1	33	54.2	79	1763.0
03/18/16	99.1	32	54.2	79	1932.9
April 2016	Data Pending				

**Other Activities**

Altela, Inc. – No update.

Water Quality and Hardness – Below are tables summarizing the water production data, water quality results, and water treatment plant observations.

Month	RO Permeate	Unfiltered UKA Water	Unfiltered ALV Wells
April (04/19/16)	53%	37%	10%
March 03/31/16)	51%	38%	11%
February (02/22/16)	37%	38%	25%
January (01/20/16)	42%	38%	20%
December (12/14/15)	51%	38%	11%
November (11/21/15)	52%	38%	10%
October (10/25/15)	25%	36%	39%
September (09/20/15)	17%	34%	49%
August (08/24/15)	10%	33%	57%
July (07/19/15)	17%	35%	48%
June (06/28/15)	23%	37%	40%
May (05/25/15)	39%	42%	19%
April (04/27/15)	37%	39%	24%
March (03/22/15)	41%	40%	19%

**Engineer's Report**  
**April 20, 2016**

The total hardness results tabulated below generally reflect a moderately hard water as of February of 2016:

Total Hardness (as CaCO <sub>3</sub> )			
Date	BECR Tanks	RHF Tank	GN Tank
April 2016	DATA PENDING		
March 2016	DATA PENDING		
02/10/16	134.8 mg/l	88.9 mg/l	97.1 mg/l
01/11/16	49.7 mg/l	55.4 mg/l	67.0 mg/l
12/14/15	45.9 mg/l	63.3 mg/l	52.0 mg/l
11/09/15	63.5 mg/l	103.3 mg/l	82.0 mg/l
10/14/15	134.1 mg/l	117.2 mg/l	118.7 mg/l
09/09/15	152.6 mg/l	164.3 mg/l	158.4 mg/l
08/19/15	159.1 mg/l	175.6 mg/l	173.1 mg/l
07/10/15	136.2 mg/l	158.8 mg/l	156.5 mg/l
06/11/15	92.0 mg/l	78.0 mg/l	80.1 mg/l
05/11/15	84.8 mg/l	72.6 mg/l	73.9 mg/l
04/13/15	99.6 mg/l	67.7 mg/l	68.6 mg/l
March 2015	53.7 mg/l	68.3 mg/l	59.1 mg/l
02/02/15	83.4 mg/l	113.8 mg/l	104.6 mg/l
01/14/15	105.2 mg/l	123.0 mg/l	111.7 mg/l
12/03/14	115.3 mg/l	194.5 mg/l	169.8 mg/l
10/01/14	188.8 mg/l	231.7 mg/l	225.6 mg/l
07/11/14	221.5 mg/l	222.7 mg/l	220.4 mg/l
05/16/14	165.2 mg/l	209.6 mg/l	198.1 mg/l

For comparison, hardness values are generally classified as:

Classification	Mg/l
Soft	0 – 60
Moderately hard	61 – 120
Hard	121 – 180
Very hard	GTE 181

**Engineer's Report**  
**April 20, 2016**

Total Dissolved Solids (TDS)			
Date	BECR Tanks	RHF Tank	GN Tank
April 2016	DATA PENDING		
March 2016	DATA PENDING		
02/10/16	422 mg/l	324 mg/l	337 mg/l
01/11/16	278 mg/l	266 mg/l	243 mg/l
12/14/15	247 mg/l	290 mg/l	276 mg/l
11/09/15	275 mg/l	346 mg/l	320 mg/l
10/14/15	414 mg/l	406 mg/l	385 mg/l
09/09/15	470 mg/l	471 mg/l	495 mg/l
08/19/15	469 mg/l	500 mg/l	482 mg/l
07/10/15	417 mg/l	449 mg/l	468 mg/l
06/11/15	369 mg/l	350 mg/l	341 mg/l
05/11/15	401 mg/l	347 mg/l	366 mg/l
04/13/15	386 mg/l	326 mg/l	322 mg/l
March 2015	274 mg/l	324 mg/l	302 mg/l
02/02/15	350 mg/l	394 mg/l	383 mg/l
01/14/15	350 mg/l	394 mg/l	417 mg/l
12/03/14	417 mg/l	552 mg/l	511 mg/l
10/01/14	538 mg/l	603 mg/l	594 mg/l
07/11/14	565 mg/l	597 mg/l	599 mg/l
03/05/14	586 mg/l	543 mg/l	566 mg/l
01/08/14	553 mg/l	559 mg/l	575 mg/l
10/28/13	677 mg/l	643 mg/l	594 mg/l

Utility Billings and Energy Costs – TZA is tracking the United Power utility bills and associated water operations on a monthly basis. Below are the annual comparisons for each year.

	2012	2013	2014	2015
Annual KWH	693,583	520,026	333,629	366,737
Annual Billings	\$74,040.05	\$43,316.56	\$28,204.49	\$31,044.16
Average \$/KWH	\$0.10675	\$0.08330	\$0.08454	\$0.08465

- The Rocking Horse Farms pumps were replaced on August 13, 2013
- The Box Elder Creek Ranch pumps were replaced on March 13, 2014

For the first quarter of 2016, we are 5.6% higher in energy consumption (3,962 kWh) and 6.9% higher in billings (\$413.23) for the four metered accounts. Usage and billings are up at the Box Elder Creek Ranch and Rocking Horse Farms facilities and down at the Alluvial Wells and Greatrock North facilities. TZA has reviewed United Power's 2016 Rate Changes that went into effect with the April 1, 2016 usage. In all cases the facility charges will increase 20% to 25%, from \$16.00 to \$20.00 for the Alluvial Wells account and from \$20.00 to \$24.00 for the other three accounts. The Alluvial Well energy charge will decrease from \$0.1118 per kilowatt hour to \$0.10900. The On-Peak energy charge for the three commercial time of use (CTD) accounts will decrease from \$0.15910 per kilowatt hour to \$0.15613, while the Off-Peak energy charge will remain at \$0.05858 per kilowatt hour.

## **Engineer's Report April 20, 2016**

Well, Pump, and Motor Replacements – The District has initiated efforts to better understand its well infrastructure and the potential need for replacement of pumps and motors, as well as the well structures themselves. As a part of that effort, TZA Water Engineers will need to work with Bishop-Brogden Associates to compile the historical aspects of the wells constructed, the pumps installed, and any other improvements (i.e. water level measuring devices) integrated at each site. This information will be used to evaluate the benefits of a pump, motor, and well maintenance program to detect changes in well performance. Early detection of deterioration in well performance will allow less expensive repairs, rehabilitation, or treatment procedures in order to maximize production capacity. This preventative maintenance program will be discussed with the District's Manager, and a formal proposal will be brought to the Board if deemed appropriate.

Warranty Inspections – Here is a summary of independent contractor projects:

- Rocking Horse Farms Pump Station – The warranty inspection was conducted by Jeff Rabas on July 18, 2014.
- Box Elder Creek Ranch Pump Station – The warranty inspection was conducted by Brad Simons on January 26, 2015.
- Rocking Horse Farms Tank Repainting – The improvements were inspected and accepted on June 11, 2014. A preliminary warranty inspection was conducted by Ramey Environmental Compliance on April 24, 2015 and Coblaco addressed some minor surface rust and some isolated coating repairs on August 5, 2015. Ramey Environmental Compliance informed TZA of some coating issues on the tank roof and Coblaco inspected the conditions on March 30, 2016. We are awaiting a plan from Coblaco.

Control Valves Evaluation – TZA transmitted information on a set of control valves at the Box Elder Creek Ranch pump station to iSiWest and REC's Equipment Services Division on March 29, 2016, and requested a service quote. To date, neither organization has responded. Brad will follow-up with both.

GREATROCK NORTH PUMP STATION PROJECT  
 414018.02  
 Bid Opening  
 4/26/2016

ITEM	DESCRIPTION	QUANTITY	UNIT	Dans Custom		Longhorn Construction		Velocity Constructors		Stanek Constructors	
				UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
1	Pump Station Complete	1	LS	\$ 251,620.00	\$ 251,620.00	\$ 322,622.00	\$ 322,622.00	\$ 367,064.00	\$ 367,064.00	\$ 457,000.00	\$ 457,000.00
2	Pump Allowance	1	LS	\$ 63,800.00	\$ 63,800.00	\$ 63,800.00	\$ 63,800.00	\$ 63,800.00	\$ 63,800.00	\$ 63,800.00	\$ 63,800.00
3	Pump Allowance Overhead and Markup	1	LS	\$ 6,380.00	\$ 6,380.00	\$ 6,380.00	\$ 6,380.00	\$ 10,151.00	\$ 10,151.00	\$ 1,000.00	\$ 1,000.00
4	Demolition of Existing Pump Station and Salvage Mechanical and Electrical Equipment	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 7,058.00	\$ 7,058.00	\$ 17,996.00	\$ 17,996.00	\$ 13,000.00	\$ 13,000.00
<b>TOTAL</b>					\$ 329,800.00		\$ 399,860.00		\$ 459,011.00		\$ 534,800.00

Low \$ 329,800.00  
 Average \$ 430,867.75  
 High \$ 534,800.00

Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total	Manual
11737							
04/21/2016	TZA Water Engineers, Inc	0041418.02	Greatrock North Pump St	3-853	1,390.00	1,390.00	
04/21/2016	TZA Water Engineers, Inc	0041418.02	Greatrock North Pump St	3-853	1,390.00-	1,390.00-	V
Total 11737:						.00	
11738							
04/21/2016	Adams County	0414018.02	Greatrock North Pump St	3-853	1,390.00	1,390.00	
Total 11738:						1,390.00	
11739							
05/16/2016	Bishop-Brogden Associa	39479	Water Rights Dev - Eng.	1-618	3,237.75	3,237.75	
05/16/2016	Bishop-Brogden Associa	39480	Water Rights Dev - Eng.	1-618	48.75	48.75	
Total 11739:						3,286.50	
11740							
05/16/2016	Century Link	168B 04/2016	Utilities	1-794	281.24	281.24	
05/16/2016	Century Link	886L 04/2016	Utilities	1-794	115.82	115.82	
05/16/2016	Century Link	886M 05/2016	Utilities	1-794	115.82	115.82	
Total 11740:						512.88	
11741							
05/16/2016	County of Adams	173794	Miscellaneous Expense	1-685	144.04	144.04	
Total 11741:						144.04	
11742							
05/16/2016	Elite Industries, Inc	2317	Facility Maintenance & R	1-851	904.17	904.17	
Total 11742:						904.17	
11743							
05/16/2016	Mail Services, LLC	1548041	Utility Billing	1-630	296.03	296.03	
Total 11743:						296.03	
11744							
05/16/2016	Metrowest Newspapers	201602	Elections	1-672	28.16	28.16	
05/16/2016	Metrowest Newspapers	201603	Elections	1-672	19.36	19.36	
Total 11744:						47.52	
11745							
05/16/2016	Petrock & Fendel, PC	26573	Water Rights Dev-Legal	1-617	1,928.00	1,928.00	
Total 11745:						1,928.00	
11746							
05/16/2016	Ramey Environmental	12433	Operator Services	1-840	3,767.54	3,767.54	
05/16/2016	Ramey Environmental	12433	Locates	1-876	294.00	294.00	
05/16/2016	Ramey Environmental	12433	Project Mgmt/Oper Admi	1-780	228.02	228.02	
Total 11746:						4,289.56	

Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total	Manual
11747							
05/16/2016	Special Dist Management	1454	District Management	1-614	3,880.80	3,880.80	
05/16/2016	Special Dist Management	1454	Accounting	1-612	992.40	992.40	
05/16/2016	Special Dist Management	1454	Audit	1-615	184.80	184.80	
05/16/2016	Special Dist Management	1454	Utility Billing	1-630	1,123.20	1,123.20	
05/16/2016	Special Dist Management	1454	Locates	1-876	196.00	196.00	
05/16/2016	Special Dist Management	1454	Miscellaneous Expense	1-685	535.69	535.69	
05/16/2016	Special Dist Management	1454	Greatrock North Pump St	3-853	105.60	105.60	
05/16/2016	Special Dist Management	1454	Meter Reading	1-853	948.70	948.70	
Total 11747:						7,967.19	
11748							
05/16/2016	Tamarack Consulting, LL	TCO1600304-01	GIS	1-795	5,084.63	5,084.63	
05/16/2016	Tamarack Consulting, LL	TCO160304-01.1	GIS	1-795	100.00	100.00	
Total 11748:						5,184.63	
11749							
05/16/2016	Timber Line Electric & Co	18988	Facility Maintenance & R	1-851	275.00	275.00	
Total 11749:						275.00	
11750							
05/16/2016	Treatment Technology	172592	Plant Supplies	1-798	369.70	369.70	
Total 11750:						369.70	
11751							
05/16/2016	United Site Services	114-3968770	Facility Maintenance & R	1-851	111.61	111.61	
Total 11751:						111.61	
11752							
05/16/2016	Utility Notification Center	21604413	Locates	1-876	37.18	37.18	
Total 11752:						37.18	
11753							
05/16/2016	White & Jankowski LLP	13377	Water Rights Dev-Legal	1-617	45.00	45.00	
Total 11753:						45.00	
11754							
05/16/2016	Ramey Environmental	12060	Facility Maintenance & R	1-851	240.00	240.00	
05/16/2016	Ramey Environmental	12512	Capital Repair & Replace	1-898	3,795.06	3,795.06	
Total 11754:						4,035.06	
13143							
05/16/2016	Xcel Energy	4990062421	Utilities	1-794	41.06	41.06	M
Total 13143:						41.06	
13144							
05/16/2016	Xcel Energy	498800018	Utilities	1-794	45.57	45.57	M

Check No and Date	Payee	Invoice No	GL Account Title	GL Acct	Amount	Total	Manual
<b>Total 13144:</b>						<u>45.57</u>	
<b>13145</b>							
05/16/2016	United Power	05/2016	Utilities	1-794	259.75	259.75	M
05/16/2016	United Power	05/2016	Utilities	1-794	220.26	220.26	M
05/16/2016	United Power	05/2016	Utilities	1-794	1,224.04	1,224.04	M
05/16/2016	United Power	05/2016	Utilities	1-794	418.31	418.31	M
<b>Total 13145:</b>						<u>2,122.36</u>	
<b>Grand Totals:</b>						<u><u>33,033.06</u></u>	

Greatrock North Water and Sanitation District  
May-16

	General	Debt	Capital	Totals
Disbursements	\$ 31,537.46	\$ -	\$ 1,495.60	\$ 33,033.06
Payroll	\$ 369.40	\$ -	\$ -	\$ 369.40
Payroll Taxes	\$ -			\$ -
<b>Total Disbursements from Checking Acct</b>	<b>\$ 31,906.86</b>	<b>\$ -</b>	<b>\$ 1,495.60</b>	<b>\$ 33,402.46</b>

Debt Service Payment 12/1/2015

Wtr/Sani Impt RFDG GO	\$ -	\$ 68,078.75	\$ -	\$ 68,078.75
Improv Bonds Series 2010	\$ -	\$ 51,025.00	\$ -	\$ 51,025.00
<b>Total</b>	<b>31,906.86</b>	<b>119,103.75</b>	<b>1,495.60</b>	<b>152,506.21</b>



Check Issue Date	Check Number	Payee	Amount
05/16/2016	91163	Fleck, Robert \	92.35 \
05/16/2016	91164	Lozano, Dave \	92.35 \
05/16/2016	91165	Polliard, Jeffrey \	92.35 \
05/16/2016	91166	Wyckoff, John \	92.35 \
Grand Totals:			
	<u>4</u>		<u>369.40</u>

wa 5/17



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**Greatrock North W & S District  
Monthly Activities  
April 20<sup>th</sup> – May 25<sup>th</sup>**

**4/20/16: (1.35hrs)** Regular checks and readings.

**4/22/16: (2.57hrs)** Regular checks and readings.

**4/25/16: (2.08hrs)** Regular checks and readings. Primed the anitscalant pump.

**4/27/16: (3.2hrs)** Regular checks and readings. Completed locates at: 16275 Del Ray Ct and 29365 E 160<sup>th</sup> Ct. Completed a water service line inspection at: 16245 Queensview St.

**4/29/16: (3.25hrs)** Regular checks and readings. Checked fuel and oil in all generators. Greased motors at Greatrock and Rocking Horse Farms. Checked the drawings for flowmeter bypass line at Rocking Horse Farms. Decreased the RO run time to 240 minutes. Completed locates at: 16275 Del Ray Ct and 29850 E 167<sup>th</sup> PI.

**5/2/16: (2.17hrs)** Regular checks and readings.

**5/4/16: (2.73hrs)** Regular checks and readings. Completed locates at: 16275 Del Ray Ct and 16245 Queensview St.

**5/6/16: (3.18hrs)** Regular checks and readings. Checked the fuel and oil levels in all of the generators. Collected and delivered samples for TDS and Total Hardness.

**5/9/16: (2.57hrs)** Regular checks and readings. Collected and delivered monthly samples.

**5/11/16: (2.85hrs)** Regular checks and readings. Completed a locate at 31350 E 160<sup>th</sup> Ct.

**5/13/16: (3.63hrs)** Onsite at 5:45am to start alluvial #2. At 6am flow total = 207451 and stop total at 12:30pm = 207513. Regular checks and readings. Completed a locate at 31335 E 162<sup>nd</sup> Ave.

**5/16/16: (2.42hrs)** Regular checks and readings. Replaced the pump tubing on the chlorine pump. Completed a locate at 16311 Timber Cove St.

**5/18/16: (4.68hrs)** Regular checks and readings. Collected and delivered the EDOP samples.

**5/20/16: (3.97hrs)** Regular checks and readings. Completed a water line inspection at 31350 E 160<sup>th</sup> Ave. Completed a locate at 28500 E 160<sup>th</sup> Ave.

**5/23/16: (1.85hrs)** Regular checks and readings.

**5/25/16: (3.5hrs)** Regular checks and readings. Cleaned the Greatrock North building floors. Booster pump #1 and #2 making noise at Boxelder. Contacted Ramey Equipment Services division to investigate. They making a visit and will be looking into the noise in the near future.

**April 18<sup>th</sup> – May 25<sup>th</sup>**

RO Run Time Hrs	167.90 hrs
RO Concentrate Flow – 1 pond (North)	292,146 gallons

**4/22/16**

Monthly Testing	TDS(mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Total Hardness(mg/L)
<b>BE</b>	255	17.6	3.1	56.7
<b>RHF</b>	272	19.6	3.5	63.4
<b>GRN</b>	272	19.6	3.3	62.6

**5/6/16**

Monthly Testing	TDS(mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Total Hardness(mg/L)
<b>BE</b>	336	32.8	6.0	106.6
<b>RHF</b>	271	22.1	3.7	70.5
<b>GRN</b>	288	22.8	3.9	72.8

Completed Work Order List Report

5/26/2016

Page 1 of 1

Completed	Equipment Number	Task	Priority	WO#	Type
5/18/2016	South Concentrate Pond	EDOP Sampling	1	642.01	Scheduled
5/18/2016	North Concentrate Pond	EDOP Sampling	1	641.01	Scheduled
5/18/2016	ALV-2 Well	EDOP Sampling	1	640.01	Scheduled
5/16/2016	GN BP1 VFD	Annual Pump Inspection	3	671.04	Scheduled
5/16/2016	GN Booster Pump 3	Annual Pump Inspection	3	671.03	Scheduled
5/16/2016	GN Booster pump 2	Annual Pump Inspection	3	671.02	Scheduled
5/16/2016	GN Booster pump 1	Annual Pump Inspection	3	671.01	Scheduled
5/13/2016	ALV-1 Well	EDOP Sampling	1	639.01	Scheduled
5/9/2016	Water Sampling	Bacti Bacti Sampling(069)	1	679.01	Scheduled
5/6/2016	RHF Generator	Ck Oil Check Oil Level(069)	5	677.01	Scheduled
5/6/2016	RHF Generator	Ck Fuel Check Fuel Level	5	676.01	Scheduled
5/6/2016	RHF Building	TDS and Hardness	1	678.02	Scheduled
5/6/2016	GRN Pump Building	TDS and Hardness	1	678.03	Scheduled
5/6/2016	GN Generator	Ck Oil Check Oil Level(069)	5	670.01	Scheduled
5/6/2016	GN Generator	Ck Fuel Check Fuel Level	5	669.01	Scheduled
5/6/2016	Boxelder Pump Buildi	TDS and Hardness	1	678.01	Scheduled
5/6/2016	BOX Generator	Ck Oil Check Oil Level(069)	5	668.01	Scheduled
5/6/2016	BOX Generator	Ck Fuel Check Fuel Level	5	667.01	Scheduled
4/29/2016	RHF Generator	Ck Fuel Check Fuel Level	5	660.01	Scheduled
4/29/2016	RHF fire pump	grease grease pump motor	1	659.01	Scheduled
4/29/2016	RHF BP2 motor	grease grease pump motor	1	657.01	Scheduled
4/29/2016	GN Generator	Ck Fuel Check Fuel Level	5	656.01	Scheduled
4/29/2016	GN Booster Pump 3	grease grease pump motor	1	655.01	Scheduled
4/29/2016	GN Booster pump 2	grease grease pump motor	1	654.01	Scheduled
4/29/2016	GN Booster pump 1	grease grease pump motor	1	653.01	Scheduled
4/29/2016	BOX RO system	Send Pictures	2	638.01	Scheduled
4/29/2016	BOX Generator	Ck Fuel Check Fuel Level	5	652.01	Scheduled
4/29/2016	BOX BP3 VFD	Clean Eqp Clean Equipment	5	650.01	Scheduled
4/29/2016	BOX BP2 VFD	Clean Eqp Clean Equipment	5	648.01	Scheduled
4/29/2016	BOX BP1 VFD	Clean Eqp Clean Equipment	5	645.01	Scheduled
4/22/2016	RHF Building	TDS and Hardness	1	643.02	Scheduled
4/22/2016	Boxelder Pump Buildi	TDS and Hardness	1	643.01	Scheduled
4/18/2016	Water Sampling	Bacti Bacti Sampling(069)	1	661.01	Scheduled

Worth Hydrochem of Okla., Inc.  
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May 26, 2016

Great Rock North  
C/O REC  
Jeff Rabas

Site Survey of RO skid and parameter check.

Feed ORP	238mv (sensor calibrated and logged in smart sensor)
Feed PH	8.1 (sensor calibrated and logged in smart sensor)
Feed Conductivity	1280 us' (sensor calibrated and logged in smart sensor)
Permeate Conductivity	12.4 us' (sensor calibrated and logged in smart sensor)
Rejection Quality	99% (excellent rejection quality)

Primary Feed Pressure	221 PSI
Final Pressure	188 PSI
Differential	33 PSI (excellent, at 50-55 PSI system should be cleaned) recommend.

3:2:1 array, single pass @ 79/80% recovery

Vessel 1= 9.1  
Vessel 2= 8.9  
Vessel 3= 9.7  
Vessel 4= 12.5  
Vessel 5= 12.7  
Vessel 6= 22.6

All conductivity levels across the 3 stages at the recovery level is in excellent levels. RO skid is in great running order and no issues as of this trip. The flows, pressures, and rejection quality is apparent the anti scalant that was selected is doing its job very well. There are no adverse leaks, drips, etc and recommend no changes at this time. Operator doing a great job in keeping up with records and parameters of the skid and related equipment.

Thanks for the opportunity to check out RO skid.

Earl Young  
Worth Hydrochem of Okla, Inc.

Greatrock North WSD  
Water Quality Calls 2010 - 2012

Date	Complaint	Name	Address	Phone	Subd	Action Taken	Notes
02/08/10	Fluoride	Greer, Sherry	16385 Jalna Ct	303-637-9200	RHF	Discussion and forward lab results	
03/22/10	Brown water	Lloyd	16588 Joppa Ct.		RHF	Flush on 3/22	
04/02/10	Bad Hot Water Tank		16460 Tree Haven		BOX	Discussed with Rob Fleck	
04/26/10	Gray water turning whites gray, smelly	Roppo, Mary	16715 Shadowwood Ct	303-659-4688	BOX	Discussed with homeowner; flush on 4/28	
05/07/10	Brown water	Randall	16481 Tree Haven St.	303-667-7222	BOX	Asked him to run water for a few minutes to see if it would clear	
05/12/10	Brown water	Arnold, Brian	16530 Treehaven	303-655-8121	BOX	Flush on 5/12	
05/18/10	Brown water	Lovato	31305 E. 166th Ave.	303-659-2616	BOX	Flush on 5/18	
05/29/10	Murky water; musky smell	Paustian, Corinne	16555 Umpire Ct	303-655-1954	BOX	Asked her to run water for a few minutes to see if it would clear	
06/04/10	Brown water	Dahlin	16181 Rayburn St.	303-655-1289	BOX	Flush on 6/4	
06/04/10	Brown water	Obrechert, Ted	16651 Treehaven	303-659-1914	BOX	Flush on 6/4	
07/10/10	Brown water	Montoya, Jeff	31450 E 167th Ave	303-655-0606	BOX	Flush on 7/12	
07/15/10	Brown water	Cheserinnick	32285 E. 166th Ct.	303-637-0079	BOX	Flush on 7/16	
07/23/10	Brown water	Frank	16261 Timber Cove St.		BOX	Flush on 7/26	
08/03/10	Brown water	Leonard, Travis	16720 Kenuil Ct.	303-655-3744	RHF	Flush on 8/3	
08/03/10	Brown water	Zaiss, Brian	31351 E 167th	303-710-0193	BOX	Flush on 8/3	
08/10/10	Brown water	Fleck, Rob	16460 Tree Haven St	via email	BOX	Flush on 8/10	Also 2 neighbors
08/12/10	Milky then brown water	Watt	29365 E. 160th Ct.	303-6551757	GN	Flush on 8/12	Caused by system losing pressure
08/13/10	Brown water	Campbell, Robert	28355 E. 160th Ave.	303-655-0148	GN	Flush on 8/13	Caused by system losing pressure
8/17/10	Brown water	Fleck, Rob	16460 Tree Haven St	via email	BOX	Waiting for controlled flush with Olsson	Also 1 neighbor
9/14/10						FLUSH ALL OF BOX ELDER CREEK SUBD.	
9/15/10	Brown water	Gerry	16290 Greatrock Way	303-325-6894	GN	Called customer	Water was not brown anymore
9/20/10	Brown water	Moore, Ken	16480 Timber Cove	720-685-7167	BOX	flush lines and met with customer	
10/4/10	Tea colored	Moore, Ken	16480 Timber Cove	303-906-1355	BOX	Flush on 10/4	
10/12/10	Reddish Brown	Moore, Denise	16480 Timber Cove		BOX	Inspection by Brad Simons - see Olsson memo 16480 timbercove 10-12-10.xls	
10/21/10	particles in water	Dahlberg, Julie	16600 Umpire Ct.	303-498-0419	BOX	flush on 10/21/10	
11/5/10	bad taste	Jimison, Robert	16580 Umpire St.	Stopped Katie reading meters	BOX	explained RO just went back online	Wanted to bring a jug to the District and make us drink it. Asked when are we getting our good water back? Didn't notice brown water
11/5/10	bad taste	Howes, Angie	16141 Rayburn St.	Stopped Katie reading meters	BOX	explained RO just went back online	Katie tasted seemed fine. Also asked when they were getting their good water back? Didn't notice brown water
12/8/10	Water filter turns brown very quickly	Curl, Jo Ann	29430 E 160th Ct	303-654-0132	GN	Discussed status of water looping project and present blending of RO and well water	Recent fire flows could have stirred up main lines
1/5/11	Update	Leonard, Travis	16720 Kenuil Ct.	303-655-3744	RHF		Katie saw Travis while reading the meters. Travis said "Thanks, the water has been good lately"
2/17/11	Update	Leonard, Travis	16720 Kenuil Ct.	303-655-3744	RHF	Flushed this date; water was clear	
2/19/11	Update	Williams, Ken	32505 E 167 Dr	303-637-0708	BOX		While responding to a call about a leak; Ken said the water has been good, no more "blue water"
2/21/11	Brown water	Moore, Ken	16480 Timber Cove	303-906-1355	BOX	Flush fire hydrants one South of address and one North of address on 2/22/11	Says filters are still plugging every month; if he bypasses it plugs the refrig filter
2/21/11	Lt Brown Water	Allain, Kimberly	16321 Timber Cove	303-637-9886	BOX	Flush Timber Cove & Umpire St. fire hydrant and the Timber Cove cul-de-sac blowoff on 2/22/11	Still slight yellow color in water; not as bad as before; mostly from hot water; told her she might want to drain the hot water tank
2/21/11	Brown water	Ross, Don	29957 E 166th Place	720-685-0905	RHF	Flush on 2/22/11	Water still brown, hasn't seen much improvement
2/22/11	Light brown water	Dahlin, Mathew	16181 Rayburn St.	303-655-1289	BOX	Flush on 2/22/11	Water has been good since last flush on 6/4/10
2/23/11	Blue staining in cup	Fleck, Rob	16460 Tree Haven St	via email	BOX	Langelier Index sample to lab on 2/23/11	Began adding Calciquest (Re: blue water) on 3/10/11
2/23/11	Much better, running clear	Ross, Don	29957 E 166th Place	720-685-0905	RHF	Flush on 2/22/11	Don called back to thank us; said the water was clear this AM
3/12/11	Lt Brown Water	Tario, Alma	16655 Strollway St	303-637-0121	BOX	Flushed on 3/14/11	FH at Strollway and 168th ran cloudy for 62 minutes at around 300 gpm
3/14/11	Brown water	Eberle, Doug	16640 Strollway St	303-659-3733	BOX	Flushed on 3/14/11	The water used to be great; now it's getting worse and worse; not happy. Never seen it this bad
3/15/11	Brown water	Best, Dan	16785 Red Lane	303-748-1800	BOX	Flushed on 3/15/11	It's been bad all week
5/9/11	Horrible Taste	Fleck, Rob	16460 Tree Haven St	via Brad	BOX	No Action	
8/5/11	Ruining his evaporative coolers	Whitley, William	31451 E 167th Ave	303-961-8859	BOX	Discussed changes in blending and % of RO water	
8/5/11	Pleased with water quality	Leonard, Travis	16720 Kenuil Ct.	303-655-3744	RHF		Email to T. Krayenhagen
11/7/11	Water smells musty when first turned on	Snider, Bev	16675 Strollway	303-467-5882	Box	Checking with Engineer	Flushed Fire Hydrant near house; smelled like chlorine; called Bev to let her know we had flushed to see if that helped
11/25/11	Brown water	Moore, Ken	16480 Timber Cove	720-685-7167	BOX	Sent email to Terry K.	

46	2/21/12	high water usage	Neff, Linda	28580 E. 160th Pl	303-654-9860	GN	asked Mike to verify meter pit isn't full of water	2/21/12: Mike went onsite and confirmed the meter pit was dry.
47	3/26/12	Flushed All Hydrants	REC, Inc.	All three subdivisions		BOX, GN, RHF	Will provide Separate Memo	
48	06/20/12	Low PSI and yucky water in filters	Greer, Sherry	16385 Jalna Ct	303-637-9200	RHF	Increased pressure at Rocking Horse Farms Pump station from 60 to 65 psi.	
49	07/20/12	Brown Water	Keith	16685 Keniul Ct	303-915-0918	RHF	Flushed Hydrant next to house	
50	09/15/12	Brown Water	Ted Obrecht	16460 Tree Haven St	303-659-1914	BOX	Flushed Hydrant next to house	
51	01/24/13	Brown Water/odor	Terry Snyder	16675 Stroilway	303-655-1292	BOX	previous day had a water leak/	
52	04/08/13	Low Water Pressure	Debra Brown	16685 Keniul Ct	303-915-0918	RHF	Operator checked outside faucet with pressure gauge and it was showing 70 psi. Operator called and left homeowner a message of his findings.	
53	04/18/13	Low Water Pressure/Brown Water	Several Customers			GRN	Large Fire in the area and Fire Department was pulling water from hydrants creating low and high pressure spikes along with brown water from stirring up the lines. Operator checked out and found no issues upon arrival	
54	05/29/13	Low Water Pressure	Tony	30265 E. 166th Ave	720-352-0290	RHF	Spoke with the Tony and advised him I would increase the pressure at the pump station a couple pounds. Also advised him to double check his pressure reducing valve setpoint.	
55	06/11/13	Low Water Pressure	John and several others	30061 East 163rd Ave.	303-655-8614	RHF	Spoke with the John and advised him we were looking into the issue.	
56	June 19-23	Low Water Pressure	several residents	Rocking Horse Farms		RHF	Working with Timberline on low pressure issues	
57	06/25/13	Brown/smelly Water	Greg Mott	16770 Kenosha Ct		RHF	Flushed Hydrant next to house	
58	07/24/13	Blue/Pink Water	Joe Martinez	16450 Timber Cove St.	303-591-5726	BE	Blue marks are due to leaking faucet and toilet that he has repaired and will keep an eye on	
59	July 25 - August 12	Low Water Pressure	several residents	Rocking Horse Farms		RHF	Working with Timberline on low pressure issues	
60	8/19/2013	Low Water Pressure	Buck Benke	30002 E. 163rd Place		RHF	Mr. Benke is experiencing low water pressure issues. Brad, John, Lisa and Dan met with him and initially determined that he is experiencing a flow issue. Staff continues to research the issue.	
61	8/22/2013	Cloudy water/grit in bowls	Mary Houston	28820 E. 160th Place	303-659-0668	GRN	cloudy dishes, dirt or grit in sinks and toilet bowls, ice leaves white floaty things in drinks. REC staff flushed hydrants in the area on 8/23/13.	
62	9/23/2013	White Spots on canning jars	Karen	28540 E. 162nd Ct	303-558-0063	GRN	Had white spots on canning jars after boiling. Sent Operator over to investigate.	
63	10/10/2013	Spots on dishes	Denise	16480 Timber Cove	720-685-7167	GRN	Had spots on canning jars after boiling. Sent Operator over to speak with owner and flush two hydrants	
64	10/10/2013	Bad tasting water and low pressure	Sharon	16385 Jalna Ct		RHF	Spoke to Shraon and listened to her concerns. Flushed two hydrants near her house.	
65	10/10/2013	Bad tasting water and low pressure	Susan	29145 East 16th Ct	303-659-7857	GRN	Spoke to Susan and listened to her concerns and explained how the RO works and why the water is harder now than in the past.	
66	10/23/2013	Bad tasting water and Water Spots	Kathy	28455 East 162nd Ave	303-655-0061	GRN	Spoke to Kathy and listened to her concerns and explained how the RO works and why the water is harder now than in the past.	
67	12/21/2013	Brown Water	Richard & Kelly	16531 Timber Cove	303-637-7537	BE	Spoke to Kelly who had concerns with some brown water, notified Kelly someone would be out to flush a couple hydrants near her home. This was in the same area as the leak that was repaired 12/20/13. Two hydrants were flushed near home.	
68	12/30/2013	Blue Water Stains	Shela	29000 East 160th	303-637-7537	GRN	Spoke to Kelly who was seeing blue spots on her dishes and toilets. Explained to Shela about how the water is treated and why the water is harder now than in the past. Also gave her the name of a dishwasher cleaner called "Limi Shine" that one other resident stated worked very well to remove these stains.	
69	5/6/2014	Change in Water Quality	Ken Kirwin	28565 E. 162nd Ave		GRN	He has lived in the District for 14 years. In the past year or two he has noticed a significant change in the water quality. He has found much more mineral deposits on his faucets and valves. He has replaced four faucets and six valves in his home in that period of time. The Board explained the history and reason for looping the system and the struggles the District has faced with management of the brine concentrate. Mr. Kirwin thanked the Board for their time and the Board thanked him for sharing his comments. Mr. Kirwin left the meeting at this time.	
70	6/2/2014	Brown Water	John Wycoff	30061 East 163rd Ave.		RHF	Brown water in tub, Operator flushed hydrants in the area on 6/4/14.	
71	6/2/2014	Low Water Pressure	Laura	28410 E. 163rd	303-709-4895	GRN	Customer complained of low water pressure. Operator checked VFD at pump station and also made contact with owner and found pressure was fine and no issues were observed.	
72	7/24/2014	Brown Stuff on filters	Pat McMann	16195 Bently	303-637-0078	GRN	Explained Brown debris on his filters and Lisa explained the RO run time issues.	
73	7/25/2014	Noise from Water Line	Shela	29000 East 160th	303-637-7537	GRN	Hearing a noise coming from her water pipes at 4:00 a.m. Discussed what this could be and to try and pinpoint the noise in the house and call me on Monday to discuss further.	
74	11/13/2014	Mineral Build up and once in awhile brown water out of tub that is not used often	Matt	16181 Rayburn St.	303-489-4876	BE	Has a lot of mineral build up on faucets and once in awhile has brown water out of a tub that's not used much. Explained to Matt about how the water is treated and the history and management of the RO brine. I also suggested matt flush his hot water heater and if he could obtain a sample of the brown water next time this is used we would be happy to come and look at the sample. Matt was interested in a treatment system for his house so I suggested he look up John Wycoff's number from the news letter and discuss what John put in his house. Matt also complained about the water rates and I explained he would need to address that with the District board.	
75	2/10/2015	Sent letter to Board about changes in water over the years	Albert and Linda Johnson	28320 East 163rd Place	303-659-1321	BE	2/10/15 - Left message at 7:40 p.m. Left another message on 2/13. Linda returned my call on 2/13. Explained the situation with not being able to run the RO as much as we would like. Also gave Linda John Wycoff's phone Number to ask about the problem and his whole house filter.	

76	2/23/2015	Water Quality from one end of GRN to the other.	Harvey Houston	16250 Delray Ct.	303-944-7044	GRN	Says the water quality has went down hill the last few years and wanted to know why the water quality is different at his house than his parents on the other end of the neighborhood. He states it's not only his parents but there neighbors as well. Was the water tested at his house and also at his parents house to see the differences. Harvey also wants to know what the District is going to do about the valves in the road and the pavement sinking around them? I explained the RO situation to Mr. Houston like I have done to the others. I told him I could not sample the water as he requested without out discussing with the District Manager first and that goes the same with the valves in the road.
77	3/6/2015	Sulfide Smell in Water	John Wycoff	30061 East 163rd Ave.		RHF	John stated his wife could smell something in the water similar to rotten eggs. Mike Atwood responded right away and could not duplicate the smell.
78	8/4/2015	Low Water Pressure	David Stevens	28425 E. 162nd Qt	720-296-5362	BE	Customer complained of low water pressure to SDMS who passed message on to Ramey. Jeff called and left two messages and never received a call back.
79	10/19/2015	Smelly/Brown Water	Bill & Gayla Dempsey	30164 E 165th Ave.		RHF	Customer complained to John that the water was smelly and brown. John contacted Mike Atwood and they visited the house. Nothing unusual was found but a sample was taken at the request of John and taken to the lab for a water quality test.
80	12/1/2015	Chlorine Smell	Rob Fleck	16460 Tree Haven St		BE	Customer stated the chlorine was more notciable now then in past. Explained to customer chloirne has been normal in system.
16-Mar	low pressure	Chuck	29951 E 163rd Pl	720-933-8558	Greatrock	low pressure issues for approx a month - has changed pressure relief valve twice. Pressure remains at 60psi and drops to barely a trickle.	
21-Apr	Blue Ring in Tiolet	Steve Cheresnick	32285 E 166th Ct.	303-601-8451	BE	I received a call from Steve Cheresnick 303-601-8451 about a blue ring forming on his new toilets that were recently installed. Steve lives at 32285 E 166 <sup>th</sup> Ct. I spoke with Steve who asked about what chemicals were in the water and answered those for him. He claims he does not have a water softener. Sent off to Lisa and how she wanted to proceed. SDMS contacted the owner and consider this resolved.	






## Greatrock Meter Install/Replacements

<u>Address</u>	<u>Date</u>	<u>Reason why meter was replaced</u>
31485 E. 162nd Ave	10/29/15	new install
16355 Queensview Street	11/04/15	new install
16290 Queensview Street	11/24/15	new install
16580 Timber Cove Street	12/10/15	faulty transmitter
31310 E. 164th Avenue	12/11/15	new install
29757 E. 166th Place	12/29/15	meter leaking from the bottom
28315 E. 163rd Place	01/29/16	high reading, bench tested good, customer requested
16250 Bentley Street	03/08/16	faulty transmitter, transmitter and meter had different readings
16380 Queensview Street	03/11/16	new install
29951 E. 163rd Place	03/21/16	low pressure at residence, replacement requested by DM
16245 Queensview Street	05/26/16	new install

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
 Schedule of Cash Position  
 April 30, 2016

	<u>Rate</u>	<u>Operating</u>	<u>Debt Service</u>	<u>Capital Projects</u>	<u>Total</u>
<b>Checking:</b>					
FirstBank		\$ 57,778.90	\$ -	\$ -	\$ 57,778.90
<b>Investments:</b>					
FirstBank Lockbox	0.10%	275,408.83	8,121.70	320,587.89	604,118.42
Colostrust - Plus	0.56%	1,004,540.11	54,646.26	-	1,059,186.37
Colostrust - Bond Fund	0.56%	-	0.14	-	0.14
Colostrust - Project Fund	0.56%	-	-	0.07	0.07
<b>Total Funds</b>		<u>\$ 1,337,727.84</u>	<u>\$ 62,768.10</u>	<u>\$ 320,587.96</u>	<u>\$ 1,721,083.90</u>

**2016 Mill Levy Information:**

Certified General Fund Mill Levy	28.340
Certified Debt Service Fund Mill Levy	18.500
<b>Total Certified Mill Levy</b>	<u>46.840</u>

Debt Service Mill Levy Cap per Bond Indenture: unlimited

**Board of Directors:**

John Wyckoff	*
Jeffrey Polliard	*
Brian Rogers	*
Dave Lozano	*
Robert Fleck	*
Lisa Johnson	**

\* Board member is an authorized signer on the checking account.

\*\* District Manager is an authorized signer on the checking account.

**GREATROCK NORTH WATER AND SANITATION DISTRICT**

**FINANCIAL STATEMENTS**

April 30, 2016

GREATROCK NORTH WATER AND SANITATION DISTRICT  
 COMBINED BALANCE SHEET - ALL FUND TYPES AND ACCOUNT GROUPS  
 April 30, 2016

	GENERAL	DEBT SERVICE	CAPITAL PROJECTS	FIXED ASSETS	LONG-TERM DEBT	TOTAL MEMO ONLY
<b>Assets</b>						
FirstBank Checking Account	\$ 57,778.90	\$ -	\$ -	\$ -	\$ -	\$ 57,778.90
First Bank Lockbox	275,408.83	8,121.70	320,587.89	-	-	604,118.42
Xpress Deposit Account	-	-	-	-	-	-
Cash in Bank-ColoTrust	1,004,540.11	54,646.26	-	-	-	1,059,186.37
Cash with County Treasurer	-	-	-	-	-	-
ColoTrust - Bond Fund	-	0.14	-	-	-	0.14
ColoTrust-Capital	-	-	0.07	-	-	0.07
Accounts Receivable-Other	42,397.09	-	-	-	-	42,397.09
Prepaid Expense	-	-	-	-	-	-
Property Taxes Receivable	186,522.15	121,759.46	-	-	-	308,281.61
	-	-	-	-	-	-
Total Current Assets	<u>1,566,647.08</u>	<u>184,527.56</u>	<u>320,587.96</u>	<u>-</u>	<u>-</u>	<u>2,071,762.60</u>
<b>Other Debits</b>						
Amount in Debt Service Fund	-	-	-	-	62,768.10	62,768.10
Bond Issue Costs, Net	-	-	-	-	248,510.77	248,510.77
Amount to be Provided for Debt	-	-	-	-	4,861,854.47	4,861,854.47
	-	-	-	-	-	-
Total Other Debits	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5,173,133.34</u>	<u>5,173,133.34</u>
<b>Capital Assets</b>						
Water Distribution System	-	-	-	8,843,642.96	-	8,843,642.96
Land	-	-	-	94,243.05	-	94,243.05
Water Rights	-	-	-	980,105.19	-	980,105.19
Easements	-	-	-	152,989.42	-	152,989.42
Construction in Progress	-	-	-	4,207.50	-	4,207.50
Accumulated Depreciation	-	-	-	(2,119,840.99)	-	(2,119,840.99)
	-	-	-	-	-	-
Total Capital Assets	<u>-</u>	<u>-</u>	<u>-</u>	<u>7,955,347.13</u>	<u>-</u>	<u>7,955,347.13</u>
<b>Total Assets</b>	<u>\$ 1,566,647.08</u>	<u>\$ 184,527.56</u>	<u>\$ 320,587.96</u>	<u>\$ 7,955,347.13</u>	<u>\$ 5,173,133.34</u>	<u>\$ 15,200,243.07</u>
<b>Liabilities</b>						
Accounts Payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Payroll Taxes Payable	-	-	-	-	-	-
Retainage Payable	-	-	-	-	-	-
Due to Other Funds	-	-	-	-	-	-
Deposit-Refundable Water Meter	850.00	-	-	-	-	850.00
Accrued interest payable	-	-	-	-	20,302.83	20,302.83
Bond Premium	-	-	-	-	80,025.74	80,025.74
Bonds Payable-Series 2007	-	-	-	-	3,105,000.00	3,105,000.00
Bonds Payable-Series 2010	-	-	-	-	2,125,000.00	2,125,000.00
Discount, Net	-	-	-	-	(7,128.74)	(7,128.74)
Deferred Loss, Refunding	-	-	-	-	(150,066.49)	(150,066.49)
	-	-	-	-	-	-
Total Liabilities	<u>850.00</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5,173,133.34</u>	<u>5,173,983.34</u>
<b>Deferred Inflows of Resources</b>						
Due to Developer	-	-	-	-	-	-
Deferred Property Taxes	186,522.15	121,759.46	-	-	-	308,281.61
	-	-	-	-	-	-
Total Deferred Inflows of Resources	<u>186,522.15</u>	<u>121,759.46</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>308,281.61</u>
<b>Fund Balance</b>						
Investment in Fixed Assets	-	-	-	7,955,347.13	-	7,955,347.13
	-	-	-	-	-	-
Fund Balance	1,178,993.62	11,503.79	322,116.63	-	-	1,512,614.04
Current Year Earnings	200,281.31	51,264.31	(1,528.67)	-	-	250,016.95
	-	-	-	-	-	-
Total fund balances	<u>1,379,274.93</u>	<u>62,768.10</u>	<u>320,587.96</u>	<u>-</u>	<u>-</u>	<u>9,717,978.12</u>
<b>Total Liabilities, Deferred Inflows of Resources and Fund Balance</b>	<u>\$ 1,566,647.08</u>	<u>\$ 184,527.56</u>	<u>\$ 320,587.96</u>	<u>\$ 7,955,347.13</u>	<u>\$ 5,173,133.34</u>	<u>\$ 15,200,243.07</u>

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual**  
**General Fund**  
**For the 4 Months Ending,**  
**April 30, 2016**

Acct No	Account Description	Period Actual	YTD Actual	Budget	Under/(Over) Budget	% of Budget
<b>Revenues</b>						
1510	Property Tax Revenue	7,404.76	171,002.85	357,525.00	186,522.15	47.8%
1515	Specific Ownership Taxes	2,380.99	7,113.13	25,027.00	17,913.87	28.4%
1525	Service Charges-Greatrock	10,074.16	39,630.31	151,031.00	111,400.69	26.2%
1526	Service Charges-Rocking Horse	6,821.13	27,403.67	107,530.00	80,126.33	25.5%
1527	Service Charges-Box Elder	14,009.40	51,274.40	152,318.00	101,043.60	33.7%
1530	Inspection Fees	1,825.50	2,434.00	-	(2,434.00)	0.0%
1560	Interest Income	482.50	1,652.95	1,500.00	(152.95)	110.2%
1580	Other Income	-	1,585.96	-	(1,585.96)	0.0%
1581	Box Elder-Wtr Lease Irrigation	-	7,500.00	7,500.00	-	100.0%
<b>Total Revenues</b>		<b>42,998.44</b>	<b>309,597.27</b>	<b>802,431.00</b>	<b>492,833.73</b>	<b>38.6%</b>
<b>Expenditures</b>						
<b>Administration</b>						
1612	Accounting	882.00	4,287.60	23,220.00	18,932.40	18.5%
1614	District Management	3,828.00	9,108.00	65,450.00	56,342.00	13.9%
1617	Water Rights Dev-Legal	4,112.00	8,013.83	70,000.00	61,986.17	11.4%
1618	Water Rights Dev - Eng.	2,988.00	8,788.50	36,000.00	27,211.50	24.4%
1616	Engineering-Administration	-	-	22,208.00	22,208.00	0.0%
1615	Audit	-	-	7,500.00	7,500.00	0.0%
1620	Director's Fees	-	1,000.00	6,500.00	5,500.00	15.4%
1630	Utility Billing	1,424.66	3,819.14	19,200.00	15,380.86	19.9%
1672	Elections	211.20	724.20	10,000.00	9,275.80	7.2%
1650	Website Dev & Maintenance	148.75	233.75	1,000.00	766.25	23.4%
1670	Insurance/SDA	-	18,227.31	18,118.00	(109.31)	100.6%
1675	Legal	3,030.37	7,105.37	59,750.00	52,644.63	11.9%
1685	Miscellaneous Expense	592.35	1,909.03	14,000.00	12,090.97	13.6%
1693	Payroll Taxes	-	76.50	497.00	420.50	15.4%
1700	Treasurer's Fees	111.19	2,565.17	5,363.00	2,797.83	47.8%
<b>Subtotal Administration</b>		<b>17,328.52</b>	<b>65,858.40</b>	<b>358,806.00</b>	<b>292,947.60</b>	<b>18.4%</b>
<b>Operations</b>						
1755	Rules and Regulations	-	-	1,000.00	1,000.00	0.0%
1780	Project Mgmt/Oper Admin	375.02	424.02	3,920.00	3,495.98	10.8%
1784	Engineering-Operations	-	-	28,509.00	28,509.00	0.0%
1794	Utilities	2,220.85	9,587.97	35,000.00	25,412.03	27.4%
1798	Plant Supplies	607.35	977.05	8,000.00	7,022.95	12.2%
1802	Testing and Reporting	786.84	1,172.04	7,000.00	5,827.96	16.7%
1825	Distribution Sys Mntc	1,132.00	1,132.00	26,902.00	25,770.00	4.2%
1835	Equipment and Tools	-	22.01	3,800.00	3,777.99	0.6%
1840	Operator Services	4,055.10	12,138.59	54,084.00	41,945.41	22.4%
1850	Water Meters	1,433.76	1,513.76	5,400.00	3,886.24	28.0%
1851	Facility Maintenance & Repair	3,900.89	6,965.00	34,520.00	27,555.00	20.2%
1853	Meter Reading	1,179.60	2,871.62	8,500.00	5,628.38	33.8%
1854	Generator Preventative Mntc	333.75	2,082.75	2,800.00	717.25	74.4%
1872	Concentrate Disposal	-	-	5,000.00	5,000.00	0.0%
1876	Locates	152.05	403.53	9,000.00	8,596.47	4.5%
1898	Capital Repair & Replacement	4,167.22	4,167.22	295,848.00	291,680.78	1.4%
<b>Subtotal Operations</b>		<b>20,344.43</b>	<b>43,457.56</b>	<b>529,283.00</b>	<b>485,825.44</b>	<b>8.2%</b>
<b>Total Expenditures</b>		<b>37,672.95</b>	<b>109,315.96</b>	<b>888,089.00</b>	<b>778,773.04</b>	<b>12.3%</b>
<b>Excess (Deficiency) of Revenues Over Expenditures</b>		<b>5,325.49</b>	<b>200,281.31</b>	<b>(85,658.00)</b>	<b>(285,939.31)</b>	<b>-233.8%</b>

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual**  
**General Fund**  
**For the 4 Months Ending,**  
**April 30, 2016**

Acct No	Account Description	Period Actual	YTD Actual	Budget	Under/(Over) Budget	% of Budget
<b>Transfers and Other Sources (Uses)</b>						
1890	Transfer to Debt Service	-	-	(160,000.00)	(160,000.00)	0.0%
1895	Emergency Reserves	-	-	(24,073.00)	(24,073.00)	0.0%
<b>Total Transfers and Other Sources (Uses)</b>		<u>-</u>	<u>-</u>	<u>(184,073.00)</u>	<u>(184,073.00)</u>	<u>0.0%</u>
Change in Fund Balance		5,325.49	200,281.31	(269,731.00)	(470,012.31)	-74.3%
1501	Beginning Fund Balance	-	1,178,993.62	1,144,618.00	(34,375.62)	103.0%
<b>Ending Fund Balance</b>		<u>5,325.49</u>	<u>1,379,274.93</u>	<u>874,887.00</u>	<u>(504,387.93)</u>	<u>157.7%</u>

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual**  
**Debt Service Fund**  
**For the 4 Months Ending,**  
**April 30, 2016**

Acct No	Account Description	Period Actual	YTD Actual	Budget	Under/(Over) Budget	% of Budget
<b>Revenues</b>						
2510	Property Tax Revenue	4,833.74	111,628.54	233,388.00	121,759.46	47.8%
2515	Specific Ownership Taxes	1,554.28	4,643.36	16,337.00	11,693.64	28.4%
2518	Available of Service Fees	1,176.00	4,872.00	14,880.00	10,008.00	32.7%
2560	Interest Income	58.89	73.67	100.00	26.33	73.7%
<b>Total Revenues</b>		<u>7,622.91</u>	<u>121,217.57</u>	<u>264,705.00</u>	<u>143,487.43</u>	<u>45.8%</u>
<b>Expenditures</b>						
2607	Bond Principal-2007 GO	-	-	135,000.00	135,000.00	0.0%
2608	Bond Interest-2007 GO	68,078.75	68,078.75	136,157.00	68,078.25	50.0%
2610	Bonds Principal-2010 GO	-	-	55,000.00	55,000.00	0.0%
2611	Bond Interest-2010 GO	-	-	102,050.00	102,050.00	0.0%
2668	Paying Agent Fees	-	200.00	500.00	300.00	40.0%
2675	Legal	-	-	500.00	500.00	0.0%
2676	Arbitrage compliance	-	-	2,000.00	2,000.00	0.0%
2700	Treasurer's Fees	72.59	1,674.51	3,501.00	1,826.49	47.8%
2899	Contingency	-	-	500.00	500.00	0.0%
<b>Total Expenditures</b>		<u>68,151.34</u>	<u>69,953.26</u>	<u>435,208.00</u>	<u>365,254.74</u>	<u>16.1%</u>
Excess (Deficiency) of Revenues Over Expenditures		(60,528.43)	51,264.31	(170,503.00)	(221,767.31)	-30.1%
<b>Transfers and Other Sources (Uses)</b>						
2587	Transfer from General Fund	-	-	160,000.00	160,000.00	0.0%
<b>Total Transfers and Other Sources (Uses)</b>		<u>-</u>	<u>-</u>	<u>160,000.00</u>	<u>160,000.00</u>	<u>0.0%</u>
Change in Fund Balance		(60,528.43)	51,264.31	(10,503.00)	(61,767.31)	-488.1%
2501	Beginning Fund Balance	-	11,503.79	16,642.00	5,138.21	69.1%
<b>Ending Fund Balance</b>		<u>(60,528.43)</u>	<u>62,768.10</u>	<u>6,139.00</u>	<u>(56,629.10)</u>	<u>1022.4%</u>

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**Statement of Revenues, Expenditures and Changes in Fund Balance - Budget and Actual**  
**Capital Projects Fund**  
**For the 4 Months Ending,**  
**April 30, 2016**

Acct No	Account Description	Period Actual	YTD Actual	Budget	Under/(Over) Budget	% of Budget
<b>Revenues</b>						
3560	Interest Income	25.23	150.49	-	(150.49)	0.0%
	<b>Total Revenues</b>	<u>25.23</u>	<u>150.49</u>	<u>-</u>	<u>(150.49)</u>	#DIV/0!
<b>Expenditures</b>						
3675	Legal	-	-	3,000.00	3,000.00	0.0%
3853	Greatrock North Pump Station	1,679.16	1,679.16	187,970.00	186,290.84	0.9%
3880	Acquisition Costs	-	-	-	-	0.0%
	<b>Total Expenditures</b>	<u>1,679.16</u>	<u>1,679.16</u>	<u>190,970.00</u>	<u>189,290.84</u>	0.9%
	Excess (Deficiency) of Revenues Over Expenditures	(1,653.93)	(1,528.67)	(190,970.00)	(189,441.33)	0.8%
3501	Beginning Fund Balance	-	322,116.63	322,121.00	4.37	100.0%
	<b>Ending Fund Balance</b>	<u>(1,653.93)</u>	<u>320,587.96</u>	<u>131,151.00</u>	<u>(189,436.96)</u>	244.4%

**GREATROCK NORTH WATER AND SANITATION DISTRICT**

Property Tax Collection Schedule

2016

Month Adams County	1-510 Property Taxes		2-510 Abated property taxes		1-560 Interest		1-510 Delinquent Taxes		1-700 Treasurer Fees		2-700 Debt Service		ColoTrust Net Received
	General	Debt Service	General	Debt Service	General	Debt Service	General	Debt Service	General	Debt Service	General	Debt Service	
January	6,661.03	4,348.24	-	-	-	-	-	-	99.92	65.22	1,573.68	1,536.70	14,828.51
February	166,937.06	102,446.56	-	-	-	-	-	-	2,354.06	1,536.70	1,515.40	1,536.70	269,329.70
March	7,404.76	4,833.74	-	-	8.34	5.44	-	-	111.19	72.59	1,554.28	72.59	16,003.77
April	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-	-
	171,002.85	111,628.54	0.00	0.00	8.34	5.44	0.00	0.00	2,565.17	1,674.51	4,643.36	1,674.51	290,161.98

	Assessed Valuation		Mill Levy		Property Tax Receipts		Specific Ownership Tax Receipts		
	Assessed Valuation	% Change in AV	General	Debt Service	Taxes Levied	Taxes Received	Taxes Budgeted	Taxes Received	% of Budget
2008	\$ 11,899,290	-	24,000	11,000	416,475	416,475	41,647	34,862	83.7%
2009	\$ 12,061,080	1.4%	24,000	11,000	422,138	398,952	37,175	30,609	82.3%
2010	\$ 12,326,250	2.2%	24,000	11,000	431,419	431,509	34,513	28,376	82.2%
2011	\$ 12,050,510	-2.2%	24,000	18,500	512,147	513,327	32,958	32,788	99.5%
2012	\$ 11,231,320	-6.8%	27,000	18,500	511,025	512,045	30,662	34,981	114.1%
2013	\$ 11,217,880	-0.1%	27,000	18,500	510,414	509,865	30,625	37,829	123.5%
2014	\$ 10,900,660	-2.8%	28,340	18,500	510,587	510,587	30,636	40,479	132.1%
2015	\$ 10,921,110	0.2%	28,340	18,500	511,545	511,545	30,692	44,266	144.2%
2016	\$ 12,615,550	15.5%	28,340	18,500	590,912	282,631	41,364	11,756	28.4%

	2015		2016	
	Prior Year Collections	Current Year Collections	Prior Year Collections	Current Year Collections
	Current & Delinquent	Current & Delinquent	Current & Delinquent	Current & Delinquent
	MTD	MTD	MTD	MTD
	YTD	YTD	YTD	YTD
January	\$ 2,730.13	\$ 11,009.27	\$ 11,009.27	\$ 11,009.27
February	\$ 215,872.84	\$ 259,383.62	\$ 259,383.62	\$ 259,383.62
March	\$ 29,324.18	\$ 12,238.50	\$ 12,238.50	\$ 12,238.50
April	\$ 30,371.28	\$ -	\$ -	\$ -
May	\$ 8,202.59	\$ -	\$ -	\$ -
June	\$ 69,553.17	\$ -	\$ -	\$ -
July	\$ 151,480.61	\$ -	\$ -	\$ -
August	\$ 1,915.75	\$ -	\$ -	\$ -
September	\$ -	\$ -	\$ -	\$ -
October	\$ 1,897.49	\$ -	\$ -	\$ -
November	\$ -	\$ -	\$ -	\$ -
December	\$ 196.73	\$ -	\$ -	\$ -
	\$ 511,544.77	\$ 282,631.39	\$ 282,631.39	\$ 282,631.39
	100.0%	100.0%	47.83%	47.83%

Greatrock North Water and Sanitation District

Series 2010 General Obligation Refunding and Improvement Bonds

Series 2007 General Obligation Refunding and Improvement Bonds

Bonds Principal and Interest Maturing in the Year(s) Ending December 31,	Totals		
	Principal	Interest	Total
2016	190,000	238,207	428,207
2017	195,000	230,337	425,337
2018	215,000	222,808	437,808
2019	235,000	214,193	449,193
2020	255,000	204,313	459,313
2021-2025	1,465,000	843,242	2,308,242
2026-2030	2,020,000	445,390	2,465,390
2031-2033	655,000	59,408	714,408
Total	<u>5,230,000</u>	<u>2,457,898</u>	<u>7,687,898</u>

# Announcing...

## The Easiest Way to Pay Your Bill

Our new online bill pay option saves you time and gives you more flexibility in how you pay your bill.

If you have an Internet connection and an email address, you can now pay your bill online. You are also able to “opt in” to paperless billing and receive an email notification when your bill is ready to view. It’s fast, it’s easy, and you no longer have to write a check each month or find a stamp when it’s time to send in your payment.

### How It Works

We have partnered with **Xpress Bill Pay**, the premier provider for online bill payment.

When you sign up for online bill payment you get a unique password that you use to access your personal account at **www.xpressbillpay.com**. Every month we’ll send you a reminder email to let you know when your bill is online.

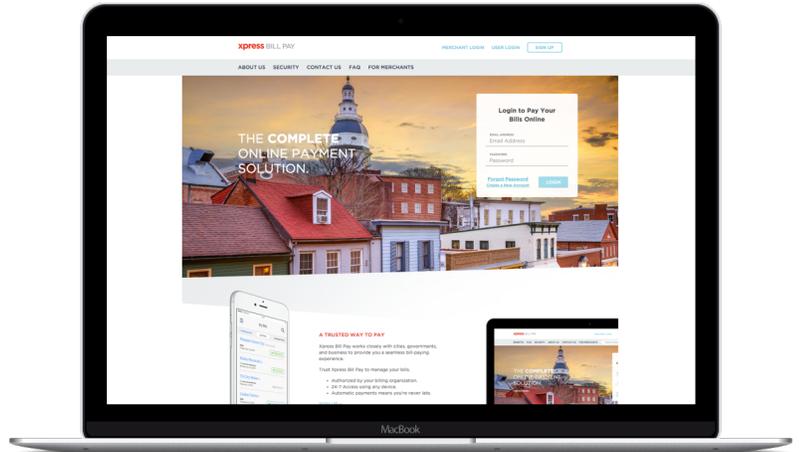
Then, just log in through your Web browser and view your bill, which will look like the paper statement you’re familiar with. Select a payment type — credit card, debit card, or electronic funds transfer — enter the information, and you’re done!

It’s that easy, and it only takes you a few minutes each month.

We’re offering this service at the request of customers like you. Sign up today and see why so many people consider this the best way to pay their bills.

### Online Bill Payment Facts

- It’s free to sign up for online bill payment at **www.xpressbillpay.com**.
- You can pay your bills with a credit or debit card, or you can transfer funds directly from your checking account.
- You can pay your bill from anywhere. Users outside the U.S. can contact our Payment Center anytime to make a payment or to set up an Auto Pay.
- No need to worry about late payments if you’re out of town when your bill is due.



- After you complete the transaction, you can receive an email receipt to confirm that the payment went through.
- You can view up to a year’s history of your account online, so you can compare your current bill to a year ago.
- If you’d like, you can select the Auto Pay option and your bill will be paid automatically each month.

### What To Do Next

If you’re ready to get started with the convenience of online bill payment, here’s what to do:

1. Go to **www.xpressbillpay.com**. We have partnered with Xpress Bill Pay to provide you with online bill payment service.
2. Click on the “Go” button below “New to Xpress Bill Pay?” and complete the short registration form including email address and password.
3. Select your billing organization and follow the prompts for linking your bill.
4. Once your bill is added to your account, you can view and pay your bill online, or setup a recurring auto payment schedule.

### And There’s More!

Along with being able to make a payment online at any time you can also call the payment assistance center to make a payment over the phone. Call 1-800-720-6847 or 1-385-218-0338 (from outside the U.S.) to speak with an agent and make your payment today!

You can also go to the District website at <https://www.colorado.gov/greatrocknorthwsd> and click on the “Pay Your Bill” link and it will take you directly to Xpress Bill Pay login.

**xpress** BILL PAY

**GREATROCK NORTH WATER AND  
SANITATION DISTRICT  
Adams County, Colorado**

**FINANCIAL STATEMENTS  
DECEMBER 31, 2015 AND 2014**

Preliminary Draft  
Subject to Revision

## Table of Contents

	<u>Page</u>
<b>INDEPENDENT AUDITOR'S REPORT</b>	I
<b>MANAGEMENT'S DISCUSSION AND ANALYSIS</b>	III
<b>BASIC FINANCIAL STATEMENTS</b>	
Statements of Net Position	1
Statements of Revenues, Expenses and Changes in Fund Net Position	2
Statements of Cash Flows	3
Notes to the Financial Statements	4
<b>SUPPLEMENTAL INFORMATION</b>	
Schedule of Revenues, Expenditures and Changes in Funds Available – Budget and Actual (Budgetary Basis)	17
Reconciliation of Budgetary Basis to Statement of Revenues, Expenses and Changes in Fund Net Position	19
<b>OTHER INFORMATION</b>	
Summary of Assessed Valuation, Mill Levy and Property Taxes Collected	20



## SCHILLING & COMPANY, INC.

*Certified Public Accountants*

P.O. Box 631579  
HIGHLANDS RANCH, CO 80163

PHONE: 720.348.1086  
FAX: 720.348.2920

### **Independent Auditor's Report**

Board of Directors  
Greatrock North Water and Sanitation District  
Adams County, Colorado

We have audited the accompanying financial statements of Greatrock North Water and Sanitation District (District) as of and for the years ended December 31, 2015 and 2014, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

#### **Management's Responsibility for the Financial Statements**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### **Auditor's Responsibility**

Our responsibility is to express opinions on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

## **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Greatrock North Water and Sanitation District, as of December 31, 2015 and 2014, and the changes in its financial position and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages III through VII presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the District's financial statements as a whole. The supplemental information listed in the table of contents is presented for purposes of additional analysis and is not a required part of the financial statements.

The supplemental information is the responsibility of management and was derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The other information listed in the table of contents has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on it.

Highlands Ranch, Colorado  
June \_\_\_\_, 2016

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
Years Ended December 31, 2015 and 2014**

Our discussion and analysis of Greatrock North Water and Sanitation District's (District) financial performance provides an overview of the District's financial activities for the fiscal years ended December 31, 2015 and 2014. Please read it in conjunction with the District's basic financial statements which begin on page 1.

## **OVERVIEW OF THE FINANCIAL STATEMENTS**

This discussion and analysis is intended to serve as an introduction to the District's basic financial statements. Required statements for proprietary funds are: 1) Statement of Net Position, 2) Statement of Revenues, Expenses and Changes in Fund Net Position, and 3) Statement of Cash Flows. The Statement of Net Position and the Statement of Revenues, Expenses and Changes in Fund Net Position are prepared using the economic resource measurement focus and the accrual basis of accounting.

The *Statement of Net Position* presents information on all of the District's assets plus deferred outflows of resources and liabilities plus deferred inflows of resources, with the difference between the two reported as net position. This statement provides useful information regarding the financial position of the District. Over time, increases and decreases in net position can serve as a useful indicator of whether the financial position of the District is improving or deteriorating. Nonfinancial factors should also be considered to assess the overall financial position of the District.

The *Statement of Revenues, Expenses and Changes in Fund Net Position* reports the changes that have occurred during the year to the District's net position. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of the related cash flows. Revenues and expenses are reported for some items that will only result in cash flows in the subsequent years.

The *Statement of Cash Flows*, as its name implies, is concerned solely with flows of cash and cash equivalents. Only transactions that affect the District's cash position are reflected in this statement. Transactions are segregated into four sections on the statement: 1) cash flows from operating activities, 2) cash flows from capital financing activities, 3) cash flows from noncapital financing activities, and 4) cash flows from investing activities.

## **FINANCIAL SUMMARY AND ANALYSIS**

### **Net Position**

As noted earlier, net position may serve as a useful indicator of the District's financial position. As noted in the table below, the District's assets plus deferred outflows of resources exceed liabilities plus deferred inflows of resources in 2015, 2014 and 2013 by \$4.13 million, \$4.16 million and \$4.24 million respectively. Current assets increased by \$57,439 or 3% from 2014 to 2015. The main increase was in property taxes receivable, which increased \$79,368 due to a 15.5% increase in the District assessed valuation for taxes levied for 2016 collection. Additionally, prepaid expenses increased by \$17,259 due to the District paying for the 2016 insurance coverage in 2015. These increases were partially offset by a \$41,258 decrease in cash and cash equivalents due primarily to increased bond principal payments as the principal

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
Years Ended December 31, 2015 and 2014**

payments began in 2015 on the 2007 bonds. Current assets increased by \$112,215 or 6% from 2013 to 2014. The main increase was cash and cash equivalents which increased \$132,135 was due primarily due to reduced spending in capital outlay. Total liabilities decreased \$215,902 from 2014 to 2015, primarily due to \$180,000 of principal payments made on the outstanding bonds of and a net decrease in accounts payable of \$28,111 which can vary from year to year. Total liabilities decreased \$10,711 from 2013 to 2014, primarily due to reduced spending in 2014 of bond principal of \$25,000 and a net increase in accounts payable of \$21,616 which can vary from year to year.

**NET POSITION**

	December 31,		
	2015	2014	2013
<b>ASSETS</b>			
Current assets	\$ 2,132,289	\$ 2,074,850	\$ 1,962,635
Capital assets, net	7,753,286	7,955,347	8,134,230
Other assets, net	35,344	37,509	39,676
Total assets	<u>9,920,919</u>	<u>10,067,706</u>	<u>10,136,541</u>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>			
Deferred loss on refunding	150,066	170,779	191,491
Total deferred outflows of resources	<u>150,066</u>	<u>170,779</u>	<u>191,491</u>
<b>LIABILITIES</b>			
Current liabilities	48,613	77,287	55,723
Noncurrent liabilities	5,302,897	5,490,125	5,522,400
Total liabilities	<u>5,351,510</u>	<u>5,567,412</u>	<u>5,578,123</u>
<b>DEFERRED INFLOWS OF RESOURCES</b>			
Property tax revenue	590,913	511,545	510,587
Total deferred inflows of resources	<u>590,913</u>	<u>511,545</u>	<u>510,587</u>
<b>NET POSITION</b>			
Net investment in capital assets	2,635,799	2,673,510	2,842,997
Restricted	16,700	16,600	16,500
Unrestricted	1,476,063	1,469,418	1,379,825
Total net position	<u>\$ 4,128,562</u>	<u>\$ 4,159,528</u>	<u>\$ 4,239,322</u>

**Changes in Net Position**

As noted in the table below, the District's net position decreased from 2014 to 2015 by \$30,966. Charges for services increased by \$42,264, or 11%, from 2014 to 2015. This increase was due to higher water usage revenue as water usage increased from 22,913,010 gallons in 2014 to 39,023,287 in 2015. The other revenues for the District remained consistent from 2014 to 2015. The District's net position decreased from 2013 to 2014 by \$79,794. There were no significant changes in revenue from 2013 to 2014. However, the District approved the collection of availability to serve fees (AOS fees) effective January 1, 2014. The AOS charge is in the amount of fifty percent of the fees, rates, tolls or charges for use of services or facilities of the District and is imposed upon each lot for the availability of services and facilities furnished by the District. The AOS fee for 2014 was \$20.00 per month.

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
Years Ended December 31, 2015 and 2014**

Expenses overall increased slightly from 2014 to 2015. However, water and sewer operations expenses increased by \$34,447, or 6%, due to increases in the concentrate disposal of \$12,895 and water rights development by \$19,198. These increases were offset by a decrease in administration expenses of \$34,186, or 16%, due to reductions in District management of \$10,696, legal of \$8,388, and elections of \$9,287. Expenses increased by \$98,946 or 10% from 2013 to 2014. The fluctuation is primarily due to \$81,058 increase in maintenance and repairs expense due to tank painting, hydrant and valve repairs and irrigation repairs in 2014. There were no other significant fluctuations in expenses.

**CHANGES IN NET POSITION**

	Years Ended December 31,		
	2015	2014	2013
<b>REVENUES</b>			
Program revenues:			
Charges for services	\$ 430,431	\$ 388,167	\$ 378,653
Available of service fee	14,980	14,880	-
Irrigation lease	7,500	7,500	7,500
Inspection fees	5,626	3,651	-
Inclusion fees	-	-	2,504
Grants	-	868	3,000
Miscellaneous	6,023	4,654	1,354
General revenues:			
Property taxes	511,545	511,135	509,506
Specific ownership taxes	44,266	40,479	37,829
Investment earnings	2,748	2,287	2,728
<b>Total revenues</b>	<b>1,023,119</b>	<b>973,621</b>	<b>943,074</b>
<b>EXPENSES</b>			
Water and sewer operations	611,585	577,138	490,547
Interest and related charges	261,906	261,497	262,030
Administration	180,594	214,780	201,892
<b>Total expenses</b>	<b>1,054,085</b>	<b>1,053,415</b>	<b>954,469</b>
<b>CHANGE IN NET POSITION</b>	<b>(30,966)</b>	<b>(79,794)</b>	<b>(11,395)</b>
<b>NET POSITION - BEGINNING OF YEAR</b>	<b>4,159,528</b>	<b>4,239,322</b>	<b>4,250,717</b>
<b>NET POSITION - END OF YEAR</b>	<b>\$ 4,128,562</b>	<b>\$ 4,159,528</b>	<b>\$ 4,239,322</b>

**BUDGETARY HIGHLIGHTS**

The total actual expenditures for 2015 were \$678,366 under the budgeted expenditures of \$1,884,785. Maintenance and repair expenses were \$230,785 under budget, Greatrock North pump station capital outlay was \$87,970 under budget, and water rights acquisition was \$139,043 under budget.

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
Years Ended December 31, 2015 and 2014**

**CAPITAL ASSET AND DEBT ADMINISTRATION**

**Capital Assets**

The District's capital assets at December 31, 2015, 2014 and 2013, amounted to \$7.75 million, \$7.96 million and \$8.13 million (net of accumulated depreciation), respectively. This investment in capital assets includes water distribution infrastructure, water rights, easements, land, and on-going capital projects.

The analysis of changes in capital assets is as follows:

	<u>December 31, 2013</u>	<u>Change</u>	<u>December 31, 2014</u>	<u>Change</u>	<u>December 31, 2015</u>
Land	\$ 94,243	\$ -	\$ 94,243	\$ -	\$ 94,243
Water rights	980,105	-	980,105	-	980,105
Easements	152,989	-	152,989	-	152,989
Construction in progress	-	-	4,208	19,030	23,238
Water distribution system	8,805,643	38,000	8,843,643	-	8,843,643
	<u>10,032,980</u>	<u>38,000</u>	<u>10,075,188</u>	<u>19,030</u>	<u>10,094,218</u>
Accumulated depreciation	(1,898,750)	(221,091)	(2,119,841)	(221,091)	(2,340,932)
Total capital assets, net	<u>\$ 8,134,230</u>	<u>\$ (183,091)</u>	<u>\$ 7,955,347</u>	<u>\$ (202,061)</u>	<u>\$ 7,753,286</u>

In 2015, the District additions were for additional planning and design related to the new pump station. In 2014, there were additions of \$42,208 in the District's capital assets resulting from the purchase of new pump and planning for a new pump station.

Additional information regarding the District's capital assets can be found in Note 4.

**Debt Administration**

During 2010, the District issued Series 2010 General Obligation Refunding and Improvement Bonds in the amount of \$2,230,000. The Series 2010 bonds were issued to refund \$1,175,000 of the 2007 General Obligation Refunding and Improvement Bonds and to have proceeds available for additional capital projects. During 2015 and 2014, the District made the required principal payments on the outstanding bonds.

The analysis of changes in long-term obligations is as follows:

	<u>December 31, 2013</u>	<u>Change</u>	<u>December 31, 2014</u>	<u>Change</u>	<u>December 31, 2015</u>
General Obligation Refunding and Improvement Bonds, Series 2007	\$ 3,230,000	\$ -	\$ 3,230,000	\$ (125,000)	\$ 3,105,000
Improvement Bonds, Series 2010	2,205,000	(25,000)	2,180,000	(55,000)	2,125,000
Less deferred amounts:					
2007 issue discount	(8,178)	-	(7,653)	524	(7,129)
2010 issue premium	95,578	(7,800)	87,778	(7,752)	80,026
Total long-term obligations	<u>\$ 5,522,400</u>	<u>\$ (32,800)</u>	<u>\$ 5,490,125</u>	<u>\$ (187,228)</u>	<u>\$ 5,302,897</u>

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
Years Ended December 31, 2015 and 2014**

Additional information regarding the District's long-term debt can be found in Note 5.

**ECONOMIC FACTORS NEXT YEAR'S BUDGET AND RATES**

For 2016, the District's property tax revenue is expected to increase by 15.5% due to higher assessed valuation for the District's 2016 tax collections. Total budgeted revenues for 2016 are \$1,227,136. Total appropriated expenditures for 2016 are \$1,538,340.

**REQUESTS FOR INFORMATION**

The financial report is designed to provide a general overview of Greatrock North Water and Sanitation District's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the District's Manager, Lisa Johnson at Special District Management Services, 141 Union Blvd, Suite 150, Lakewood, CO 80228.

Preliminary Draft  
Subject to Revision

**BASIC FINANCIAL STATEMENTS**

Preliminary Draft  
Subject to Revision

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**STATEMENTS OF NET POSITION**  
December 31, 2015 and 2014

	<b>2015</b>	<b>2014</b>
<b>ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>		
<b>ASSETS</b>		
<b>CURRENT ASSETS</b>		
Cash and cash equivalents - unrestricted	\$ 1,468,159	\$ 1,504,315
Cash and cash equivalents - restricted	10,408	15,510
Accounts receivable:		
Customers	42,397	40,419
County treasurer	3,153	3,061
Property taxes receivable	590,913	511,545
Prepaid expense	17,259	-
Total current assets	2,132,289	2,074,850
<b>CAPITAL ASSETS</b>		
Capital assets, not being depreciated	1,250,575	1,231,545
Capital assets, being depreciated	8,843,643	8,843,643
	10,094,218	10,075,188
Less accumulated depreciation and amortization	(2,340,932)	(2,119,841)
Total capital assets	7,753,286	7,955,347
<b>OTHER ASSETS</b>		
Prepaid bond insurance, net	35,344	37,509
Total other assets	35,344	37,509
Total assets	9,920,919	10,067,706
<b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Deferred loss on refunding, net	150,066	170,779
Total deferred outflows of resources	150,066	170,779
<b>TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>	<b>\$ 10,070,985</b>	<b>\$ 10,238,485</b>
<b>LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND NET POSITION</b>		
<b>LIABILITIES</b>		
<b>CURRENT LIABILITIES</b>		
Accounts payable	\$ 27,912	\$ 56,023
Interest payable	19,851	20,414
Deposits	850	850
Total current liabilities	48,613	77,287
<b>NONCURRENT LIABILITIES</b>		
Bonds payable		
Due within one year	190,000	180,000
Due in more than one year	5,112,897	5,310,125
Total noncurrent liabilities	5,302,897	5,490,125
Total liabilities	5,351,510	5,567,412
<b>DEFERRED INFLOWS OF RESOURCES</b>		
Deferred property tax revenue	590,913	511,545
Total deferred inflows of resources	590,913	511,545
<b>NET POSITION</b>		
Net investment in capital assets	2,635,799	2,673,510
Restricted for emergencies	16,700	16,600
Unrestricted	1,476,063	1,469,418
Total net position	4,128,562	4,159,528
<b>TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND NET POSITION</b>	<b>\$ 10,070,985</b>	<b>\$ 10,238,485</b>

These financial statements should be read only in connection with the accompanying notes to financial statements.

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
STATEMENTS OF REVENUES, EXPENSES  
AND CHANGES IN FUND NET POSITION  
Years Ended December 31, 2015 and 2014**

	<b>2015</b>	<b>2014</b>
<b>OPERATING REVENUE</b>		
Service charges - Greatrock	\$ 159,308	\$ 147,599
Service charges - Rockinghorse Farms	115,089	102,335
Service charges - Box Elder	156,034	138,233
Available of service fees	14,980	14,880
Irrigation lease revenue	7,500	7,500
Inspection fees	5,626	3,651
Miscellaneous	6,023	4,654
Total operating revenue	464,560	418,852
<b>OPERATING EXPENSES</b>		
General and administration		
Accounting	18,330	19,411
District management	56,423	67,119
Audit	6,643	7,070
Director fees	4,900	6,100
Payroll taxes	375	467
Utility billing	14,647	14,267
Insurance	16,323	15,879
Legal	46,105	54,493
Website development	640	289
Elections	-	9,287
Miscellaneous	8,531	12,728
Operations		
Depreciation	221,091	221,091
Engineering	45,792	31,931
Utilities	31,919	32,658
Testing and reporting	6,057	6,064
Plant supplies	5,636	7,160
Meter reading	9,163	10,089
Maintenance and repair	133,341	143,869
Operator services	49,873	47,656
Concentrate disposal	18,351	5,456
Water rights development	90,362	71,164
Total operating expenses	784,502	784,248
<b>OPERATING LOSS</b>	(319,942)	(365,396)
<b>NONOPERATING REVENUE AND (EXPENSES)</b>		
Property taxes	511,545	511,135
Specific ownership taxes	44,266	40,479
Net investment income	2,748	2,287
Grant proceeds	-	868
County treasurer's fees	(7,677)	(7,670)
Bond interest expense	(257,891)	(258,980)
Bond insurance cost amortization	(2,165)	(2,167)
Arbitrage compliance	(1,500)	-
Paying agent fees	(350)	(350)
Total nonoperating revenue (expense)	288,976	285,602
<b>CHANGE IN NET POSITION</b>	(30,966)	(79,794)
<b>NET POSITION - BEGINNING OF YEAR</b>	4,159,528	4,239,322
<b>NET POSITION - END OF YEAR</b>	<b>\$ 4,128,562</b>	<b>\$ 4,159,528</b>

These financial statements should be read only in connection with  
the accompanying notes to financial statements.

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**STATEMENTS OF CASH FLOWS**  
**Years Ended December 31, 2015 and 2014**

	<b>2015</b>	<b>2014</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Receipts from customers	\$ 456,559	\$ 419,097
Payments to vendors	(608,781)	(531,000)
Other operating receipts	6,023	4,654
Net cash required by operating activities	(146,199)	(107,249)
<b>CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES</b>		
Capital asset purchases	(19,030)	(38,000)
Bond interest paid	(245,319)	(245,945)
Bond principal paid	(180,000)	(25,000)
Arbitrage compliance	(1,500)	-
Reimbursement of unused bond costs of issuance	-	-
Net cash required by capital financing activities	(445,849)	(308,945)
<b>CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES</b>		
Property and specific ownership taxes received	555,719	552,844
County treasurer's fees paid	(7,677)	(7,670)
Grant proceeds	-	868
Net cash provided by noncapital financing activities	548,042	546,042
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Interest received	2,748	2,287
Net cash provided by investing activities	2,748	2,287
<b>NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS</b>	(41,258)	132,135
<b>CASH AND CASH EQUIVALENTS - BEGINNING OF YEAR</b>	1,519,825	1,387,690
<b>CASH AND CASH EQUIVALENTS - END OF YEAR</b>	\$ 1,478,567	\$ 1,519,825
<b>RECONCILIATION OF OPERATING LOSS TO CASH FLOWS REQUIRED BY OPERATING ACTIVITIES</b>		
Operating loss	\$ (319,942)	\$ (365,396)
Adjustments to reconcile operating loss to net cash required by operating activities:		
Depreciation	221,091	221,091
Effects of changes in operating assets and liabilities:		
Accounts receivable	(1,978)	4,899
Prepaid expenses	(17,259)	14,749
Accounts payable	(28,111)	17,408
Net cash required by operating activities	\$ (146,199)	\$ (107,249)

These financial statements should be read only in connection with the accompanying notes to financial statements.

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

**NOTE 1 – DEFINITION OF REPORTING ENTITY**

Greatrock North Water and Sanitation District (District), was organized on May 27, 1998, as a quasi-municipal corporation and political subdivision of the State of Colorado, and is governed pursuant to provisions of the Colorado Special District Act. The District's service area is located in Adams County, Colorado. The District's purpose is to provide public water services and stormwater drainage and detention to the property owners and residents of the District. The District is governed by an elected Board of Directors.

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

The District follows the Governmental Accounting Standards Board (GASB) accounting pronouncements which provide guidance for determining which governmental activities, organizations and functions should be included within the financial reporting entity. GASB pronouncements set forth the financial accountability of a governmental organization's elected governing body as the basic criterion for including a possible component governmental organization in a primary government's legal entity. Financial accountability includes, but is not limited to, appointment of a voting majority of the organization's governing body, ability to impose its will on the organization, a potential for the organization to provide specific financial benefits or burdens and fiscal dependency.

The District is not financially accountable for any other organization, nor is the District a component unit of any other primary governmental entity.

**NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The accounting policies of the District conform to generally accepted accounting principles as applicable to governmental units accounted for as a proprietary enterprise fund. The enterprise fund is used since the District's powers are related to those operated similar to a private utility system where net income and capital maintenance are appropriate determinations of accountability.

**Operating Revenues and Expenses**

The District distinguishes *operating* revenues and expenses from *nonoperating* items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with an enterprise fund's principal ongoing operations. Operating revenues consist of charges to customers for service provided. Operating expenses for enterprise funds include the cost of sales and services, administrative expenses, and depreciation of capital assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses or capital contributions.

**Budgets**

In accordance with the Local Government Budget Law of Colorado, the District's Board of Directors holds public hearings in the fall each year to approve the budget and appropriate the funds for the ensuing year. The appropriation is at the total fund expenditures level and lapses at year end. The District's Board of Directors can modify the budget by line item within the total

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

appropriation without notification. The appropriation can only be modified upon completion of notification and publication requirements.

For financial statement presentation purposes, the District is reported as a single enterprise fund. For budgetary purposes, the District separately budgets for specific components of this enterprise fund. These separate budgetary components of the District are the general fund, debt service fund and capital projects fund. For budgetary reporting purposes these components are combined into a single budgetary schedule.

**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 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 30 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.

Property taxes, net of estimated uncollectible taxes, are recorded initially as deferred inflows of resources in the year they are levied and measurable. The deferred property tax revenues are recorded as revenue in the year they are available or collected.

**Accounts Receivable**

Accounts receivable consist of uncollected water service revenue. Due to the District's broad powers of collection, no allowance for uncollectible water service revenue receivables has been reported.

**Cash Equivalents**

For purposes of the statement of cash flows, the District considers cash deposits and highly liquid investments (including restricted assets) with a maturity of three months or less when purchased, to be cash equivalents.

**Capital Assets**

Capital assets are recorded at cost except for those assets which have been contributed which are stated at estimated fair value at the date of contribution. Capital assets are defined by the District as assets with an initial, individual cost of more than \$5,000.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend the life of the asset are not capitalized. Improvements are capitalized and depreciated over the remaining useful lives of the related capital assets, as applicable.

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
NOTES TO THE FINANCIAL STATEMENTS  
December 31, 2015 and 2014**

Depreciation and amortization expense has been computed using the straight-line method over the estimated economic useful lives:

Water distribution system	20 - 40 years
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**Estimates**

Management uses estimates and assumptions in preparing financial statements in accordance with generally accepted accounting principles. Those estimates and assumptions affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities, and the reported revenues and expenses. Actual results could vary from the estimates that were assumed in preparing the financial statements.

**Tap Fees and Contributed Lines**

Tap fees are recorded as capital contributions when received. Lines contributed to the District by developers are recorded as capital contributions and additions to the systems at estimated fair market value when received.

**Bond Issue Costs, Original Issue Discount, Deferred Loss on Bond Refunding**

Bond issuance costs are treated as a period cost and expensed in the year incurred. The deferred loss on bond refunding and bond insurance obtained at issuance of the bonds are being amortized over the life of the refunded bonds using the straight line method. The original issue discount and premium are being amortized over the life of the bonds using the effective interest method.

**Reclassifications**

For comparability, certain 2014 amounts have been reclassified where appropriate to conform with the 2015 financial statement presentation.

**NOTE 3 - CASH AND INVESTMENTS**

Cash and investments as of December 31, 2015 and 2014 are classified in the accompanying financial statements as follows:

	<b>2015</b>	<b>2014</b>
Cash and cash equivalents - unrestricted	\$ 1,468,159	\$ 1,504,315
Cash and cash equivalents - restricted	10,408	15,510
	\$ 1,478,567	\$ 1,519,825

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
NOTES TO THE FINANCIAL STATEMENTS  
December 31, 2015 and 2014**

Cash deposits and investments as of December 31, 2015 and 2014 consist of the following:

	<u>2015</u>	<u>2014</u>
Cash deposits	\$ 646,199	\$ 812,457
Investments	832,368	707,368
	<u>\$ 1,478,567</u>	<u>\$ 1,519,825</u>

**Cash Deposits**

The Colorado Public Deposit Protection Act (PDPA) requires that all units of local government deposit cash in eligible public depositories. Eligibility is determined by state regulators.

Amounts on deposit in excess of federal insurance levels must be collateralized. The eligible collateral is determined by the PDPA. PDPA allows the institution to create a single collateral pool for all public funds. The pool for all the uninsured public deposits as a group is to be maintained by another institution or held in trust. The market value of the collateral must be at least equal to 102% of the aggregate uninsured deposits.

The State Commissioners for banks and financial services are required by Statute to monitor the naming of eligible depositories and reporting of the uninsured deposits and assets maintained in the collateral pools.

At December 31, 2015, the District had cash deposits with a bank balance of \$655,816 and a carrying balance of \$646,199. At December 31, 2014, the District had cash deposits with a bank balance of \$812,465 and a carrying balance of \$812,457.

**Investments**

The District has not adopted a formal investment policy, however, the District follows Colorado State Statutes which specify investment instruments meeting defined rating and risk criteria in which local governments may invest which include:

- . Obligations of the United States and certain U.S. government agency securities and the World Bank
- . General obligation and revenue bonds of U.S. local government entities
- . Bankers' acceptances of certain banks
- . Commercial paper
- . Certain reverse repurchase agreements
- . Certain securities lending agreements
- . Certain corporate bonds
- . Written repurchase agreements collateralized by certain authorized securities
- . Certain money market funds
- . Guaranteed investment contracts
- . Local government investment pools

The local government investment pool, Colorado Local Government Liquid Asset Trust (COLOTRUST), is rated AAAM by Standard and Poor's. Information related to Standard & Poor's ratings can be obtained from Standard & Poor's.

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
NOTES TO THE FINANCIAL STATEMENTS  
December 31, 2015 and 2014**

District's investments are stated at fair value.

**Interest Rate Risk**

Colorado Revised Statutes limit investment maturities to five years or less unless formally approved by the Board of Directors. Such actions are generally associated with a debt service reserve or sinking fund requirement.

As of December 31, 2015 and 2014, the District had the following investments:

<u>Investment</u>	<u>Maturity</u>	<u>Fair Value</u>	
		<u>2015</u>	<u>2014</u>
Colostrust Local Government Liquid Asset Trust (COLOTRUST)	Weighted average under 60 days	<u>\$ 832,368</u>	<u>\$ 707,368</u>

**COLOTRUST**

The District had invested \$832,368 and \$707,368 as of December 31, 2015 and 2014, respectively, in COLOTRUST, an investment vehicle established for local government entities in Colorado to pool surplus funds. The State Securities Commissioner administers and enforces all State statutes governing the COLOTRUST. The COLOTRUST operates similarly to a money market fund and each share is equal in value to \$1.00.

**RESTRICTED CASH AND INVESTMENTS**

At December 31, 2015 and 2014, cash and investments in the amount of \$10,408 and \$15,510, respectively are restricted for debt service related to the Series 2007 Improvement Bonds and Series 2010 Improvement Bonds (Note 5).

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**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

**NOTE 4 - CAPITAL ASSETS**

An analysis of the changes in capital assets for the year ended December 31, 2015 follows:

	<u>Balance at December 31, 2014</u>	<u>Additions</u>	<u>Disposals/ Retirements</u>	<u>Balance at December 31, 2015</u>
Capital assets, not being depreciated:				
Land	\$ 94,243	\$ -	\$ -	\$ 94,243
Water rights	980,105	-	-	980,105
Easements	152,989	-	-	152,989
Construction in progress	4,208	19,030	-	23,238
Total capital assets, not being depreciated	<u>1,227,337</u>	<u>19,030</u>	<u>-</u>	<u>1,250,575</u>
Capital assets, being depreciated:				
Water distribution system	8,843,643	-	-	8,843,643
Total capital assets being depreciated	<u>8,843,643</u>	<u>-</u>	<u>-</u>	<u>8,843,643</u>
Less accumulated depreciation for:				
Water distribution system	(2,119,841)	(221,091)	-	(2,340,932)
Total accumulated depreciation	<u>(2,119,841)</u>	<u>(221,091)</u>	<u>-</u>	<u>(2,340,932)</u>
Total capital assets being depreciated, net	<u>6,723,802</u>	<u>(221,091)</u>	<u>-</u>	<u>6,502,711</u>
Total capital assets, net	<u>\$ 7,951,139</u>	<u>\$ (202,061)</u>	<u>\$ -</u>	<u>\$ 7,753,286</u>

An analysis of the changes in capital assets for the year ended December 31, 2014 follows:

	<u>Balance at December 31, 2013</u>	<u>Additions</u>	<u>Disposals/ Retirements</u>	<u>Balance at December 31, 2014</u>
Capital assets, not being depreciated:				
Land	\$ 94,243	\$ -	\$ -	\$ 94,243
Water rights	980,105	-	-	980,105
Easements	152,989	-	-	152,989
Construction in progress	-	4,208	-	4,208
Total capital assets, not being depreciated	<u>1,227,337</u>	<u>4,208</u>	<u>-</u>	<u>1,231,545</u>
Capital assets, being depreciated:				
Water distribution system	8,805,643	38,000	-	8,843,643
Total capital assets being depreciated	<u>8,805,643</u>	<u>38,000</u>	<u>-</u>	<u>8,843,643</u>
Less accumulated depreciation for:				
Water distribution system	(1,898,750)	(221,091)	-	(2,119,841)
Total accumulated depreciation	<u>(1,898,750)</u>	<u>(221,091)</u>	<u>-</u>	<u>(2,119,841)</u>
Total capital assets being depreciated, net	<u>6,906,893</u>	<u>(183,091)</u>	<u>-</u>	<u>6,723,802</u>
Total capital assets, net	<u>\$ 8,134,230</u>	<u>\$ (178,883)</u>	<u>\$ -</u>	<u>\$ 7,955,347</u>

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

**NOTE 5 – LONG-TERM OBLIGATIONS**

The following is an analysis of the changes in the District's long-term obligations for the year ended December 31, 2015:

	<b>Balance at December 31, 2014</b>	<b>Additions</b>	<b>Reductions</b>	<b>Balance at December 31, 2015</b>	<b>Due Within One Year</b>
General Obligation Refunding and					
Improvement Bonds, Series 2007	\$ 3,230,000	\$ -	\$ 125,000	\$ 3,105,000	\$ 135,000
Improvement Bonds, Series 2010	2,180,000	-	55,000	2,125,000	55,000
Less deferred amounts:					
2007 issue discount	(7,653)	-	(524)	(7,129)	-
2010 issue premium	87,778	-	7,752	80,026	-
Total long-term obligations	<u>\$ 5,490,125</u>	<u>\$ -</u>	<u>\$ 187,228</u>	<u>\$ 5,302,897</u>	<u>\$ 190,000</u>

The following is an analysis of the changes in the District's long-term obligations for the year ended December 31, 2014:

	<b>Balance at December 31, 2013</b>	<b>Additions</b>	<b>Reductions</b>	<b>Balance at December 31, 2014</b>	<b>Due Within One Year</b>
General Obligation Refunding and					
Improvement Bonds, Series 2007	\$ 3,230,000	\$ -	\$ -	\$ 3,230,000	\$ 125,000
Improvement Bonds, Series 2010	2,205,000	-	25,000	2,180,000	55,000
Less deferred amounts:					
2007 issue discount	(8,178)	-	(525)	(7,653)	-
2010 issue premium	95,578	-	7,800	87,778	-
Total long-term obligations	<u>\$ 5,522,400</u>	<u>\$ -</u>	<u>\$ 32,275</u>	<u>\$ 5,490,125</u>	<u>\$ 180,000</u>

**General Obligation Refunding and Improvement Bonds, Series 2007**

On June 21, 2007, the District authorized the issuance of General Obligation Refunding and Improvement Bonds dated June 27, 2007. The bonds refunded the outstanding Limited Tax General Obligation Bonds Series 1998 and the outstanding Subordinate Limited Tax General Obligation Bonds Series 2002 and provided funding to construct and install certain improvements to the District's water system. The bonds bear interest at rates between 4.00% and 4.49%, payable semiannually on each June 1 and December 1, commencing on December 1, 2007. The bonds are subject to mandatory sinking fund redemption commencing on December 1, 2009. The Bonds maturing on and before December 1, 2017, are not subject to redemption prior to their respective maturity dates. The Bonds maturing on and after December 1, 2022 are subject to redemption prior to maturity, at the option of the District, on December 1, 2017 at a redemption price equal to 100% together with accrued interest thereon to the date of redemption. On October 5, 2010, the District advance refunded \$1,175,000 of the principal balance of the bonds. As of December 31, 2014, all of the defeased bonds had been paid in full. The defeased bonds are not considered a liability of the District since sufficient funds were deposited with a trustee and invested in U.S. government securities for the purpose of paying the principal and interest of the defeased bonds when due.

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
NOTES TO THE FINANCIAL STATEMENTS  
December 31, 2015 and 2014**

**General Obligation Refunding and Improvement Bonds, Series 2010**

On October 5, 2010, the District authorized the issuance of General Obligation Refunding Bonds dated December 1, 2010. The bonds partially refunded the General Obligation Refunding and Improvement Bonds Series 2007 and provided additional funding to construct and install certain improvements to the District's water system. The bonds bear interest at rates between 2.25% and 5.00%, payable semiannually on each June 1 and December 1, commencing on June 1, 2013. The bonds on and before December 1, 2020 are not subject to redemption prior to their respective maturity dates. The bonds maturing December 1, 2025 are subject to mandatory sinking fund redemption commencing on December 1, 2021 and each December thereafter. The Bonds maturing on and after December 1, 2025 are subject to redemption prior to maturity as a whole or in integral multiples of \$5,000, at the option of the District, on December 1, 2020 upon payment of par and accrued interest, without redemption premium.

The District's long-term obligations will mature as follows:

<u>Year Ending December 31,</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 190,000	\$ 238,208	\$ 428,208
2017	195,000	230,337	425,337
2018	215,000	222,808	437,808
2019	235,000	214,192	449,192
2020	255,000	204,312	459,312
2021-2025	1,465,000	843,242	2,308,242
2026-2030	2,020,000	445,390	2,465,390
2031-2033	655,000	59,408	714,408
	<u>\$ 5,230,000</u>	<u>\$ 2,457,897</u>	<u>\$ 7,687,897</u>

**Authorized Debt**

On May 5, 1998, a majority of the District's voters authorized the issuance of indebtedness in an amount not to exceed \$16,600,000 for purpose of designing, acquiring, constructing, completing and installing a complete potable and nonpotable water supply, purification, storage, transmission and distribution system. As of December 31, 2015 and 2014, the District had utilized \$6,750,000 of the total authorized debt of \$16,600,000, resulting in \$9,850,000 of authorized but unissued indebtedness.

**NOTE 6 – INCLUSION AGREEMENTS**

**Homestead Heights, LLC**

On November 21, 2006, the District entered into an inclusion agreement with Homestead Heights, LLC (Homestead) associated with property known as Homestead Heights, II. The agreement calls for Homestead to pay a system development fee in the amount of \$16,000 for the first fifteen units and the remaining system development fees will be due prior to the issuance of building permits. The agreement for inclusion is for approximately 56 residential

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

lots. Homestead also agreed to post fees deposits in increments of \$10,000 as requested by the District to satisfy all District incurred costs from the start of the inclusion process to the completion of a final conveyance and acceptance agreement. Upon completion of the inclusion process, any remaining funds on deposit with the District shall be refunded to Homestead. On January 24, 2008, the District amended the inclusion fee incremental refundable deposits to \$5,000 from \$10,000. On December 5, 2007, the District filed a statement of lien on the property owned by Homestead Heights, LLC in the amount of \$240,000 for the 15 system development fees that were to be prepaid by Homestead within 30 days of the execution of the agreement. On August 20, 2008, the District and Homestead entered into the first amendment to the inclusion agreement. In the amended agreement, the District agreed to remove the \$240,000 lien placed on the property. Additionally the payment terms for the system development fees were modified such that Homestead is to remit the system development fees, at the District's then current system development fee rate, within certain periods following the issuance of building permits by the county. During 2015 and 2014 the District received \$-0- system development fees related to this inclusion agreement.

**Hayesmount Properties, LLC**

On August 23, 2007, the District entered into an inclusion agreement with Hayesmount Properties, LLC (Hayesmount) associated with property known as Hayesmount Estates. Under the agreement, Hayesmount must pay system development fees for the first five units either within 120 days of recordation of a final plat for the Hayesmount Estates development or prior to the start of construction, whichever occurs first. The system development fees on all remaining lots shall be due and owing prior to the issuance of building permits by the County. The agreement for inclusion is for approximately 21 single-family detached lots. Hayesmount also agreed to post fees deposits in increments of \$10,000 as requested by the District to satisfy all District incurred costs from the start of the inclusion process to the completion of a final conveyance and acceptance agreement. Upon completion of the inclusion process, any remaining funds on deposit with the District shall be refunded to the Hayesmount. On January 24, 2008, the District amended the inclusion fee incremental refundable deposits to \$5,000 from \$10,000. No system development fees were received in 2015 or 2014.

**Ridgeview Estates LLC**

On July 24, 2008, the District entered into an inclusion agreement with Ridgeview Estates LLC (Ridgeview) associated with property known as the Ridgeview Estates Subdivision. Under the agreement, Ridgeview must provide adjudicated water rights associated with the 62.3 acre Ridgeview Estates Subdivision to the District through a Special Warranty Deed. Upon inclusion into the District, the District will provide water for 21 approximately 2.5 acre lots in the Ridgeview Estates Subdivision. Ridgeview is responsible for the construction of a single 8 inch looped water line (Water Improvements) in accordance with District specifications. Upon completion of the Water Improvements, Ridgeview shall convey the Water Improvements to the District. System development fees are to be collected on an equivalent residential unit basis on the properties within the Ridgeview Estates Subdivision. Ridgeview also agreed to post a fees deposit in increments of \$5,000 as requested by the District to satisfy all District incurred costs from the start of the inclusion process to the completion of a final conveyance and acceptance agreement. Upon completion of the inclusion process, any remaining funds on deposit with the District shall be refunded to the Ridgeview. During 2015 and 2014 the District received \$-0- system development fees related to this inclusion agreement.

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

**NOTE 7 – WATER LEASE OPTION AGREEMENT**

On January 23, 2007, the District entered into a water lease option agreement with Box Elder Creek Ranch Water Company (Box Elder). The agreement grants Box Elder an option to lease a portion of its Laramie-Fox Hills aquifer ground water available for specific uses. Each year this agreement is in effect, Box Elder shall pay to the District a reservation/lease fee of \$7,500 per year, regardless of use, on or before January 10. The reservation/lease fee shall increase by the Denver-Boulder Consumer Price Index plus 1% compounded, annually. Box Elder shall also reimburse the District for a proportional amount of the energy and administrative costs incurred by the District to pump the Laramie Water to the Box Elder stream bed for Box Elder's benefit. The District waived the CPI adjustments and collected lease revenue of \$7,500 in 2015 and \$7,500 in 2014 under this agreement.

On November 4, 2010 the agreement was amended to provide for the delivery of Laramie Water to Box Elder on a rolling three year schedule and provisions related to the District's SCADA system. Box Elder may install and connect to the District's SCADA System in the future at its option. If Box Elder chooses this option, it shall be responsible for any hard and soft costs associated with the installation of the system at its pond and recharge pond.

**NOTE 8 - NET POSITION**

The District's net position consists of three components – net investment in capital assets; restricted; and unrestricted.

Net investment in capital assets consists of capital assets, net of accumulated depreciation and, if applicable, reduced by the outstanding balances of bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. As of December 31, 2015 and 2014, the District had \$2,635,799 and \$2,673,510, respectively, net investment in capital assets.

Restricted net position includes amounts that are restricted for use either externally imposed by creditors, grantors, contributors, or laws and regulations of other governments or imposed by law through constitutional provisions or enabling legislation. The District's restricted net position consists of \$16,700 and \$16,600 as of December 31, 2015 and 2014, respectively, as required by Article X, Section 20 of the Constitution of the State of Colorado (See Note 10).

**NOTE 9 - RISK MANAGEMENT**

Except as provided by the Colorado Governmental Immunity Act, Section 24-10-101, et seq., C.R.S., as may be amended from time to time, the District may be exposed to various risks of loss related to torts, thefts of, damage to, or destruction of assets; errors or omissions; injuries to employees, or acts of God.

The District is a member of the Colorado Special Districts Property and Liability Pool (Pool) as of December 31, 2015. The Pool is an organization created by intergovernmental agreement to provide property, liability, public officials' liability, boiler and machinery and workers

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

compensation coverage to its members. Settled claims have not exceeded this coverage in any of the past four fiscal years.

The District pays annual premiums to the Pool for property, liability, public officials' liability, boiler and machinery, and workers compensation coverage. In the event aggregated losses incurred by the Pool exceed amounts recoverable from reinsurance contracts and funds accumulated by the Pool, the Pool may require additional contributions from the Pool members.

Any excess funds which the Pool determines are not needed for purposes of the Pool may be returned to the members pursuant to a distribution formula.

**NOTE 10 - TAX, SPENDING AND DEBT LIMITATIONS**

Article X, Section 20 of the Colorado Constitution, commonly known as the Taxpayer's Bill of Rights (TABOR), contains tax, spending, revenue and debt limitations that apply to the State of Colorado and all local governments.

Spending and revenue limits are determined based on the prior year's Fiscal Year Spending adjusted for allowable increases based upon inflation and local growth. Fiscal Year Spending is generally defined as expenditures plus reserve increases with certain exceptions. Revenue in excess of the Fiscal Year Spending limit must be refunded unless the voters approve retention of such revenue.

TABOR requires local governments to establish Emergency Reserves. These reserves must be at least 3% of Fiscal Year Spending (excluding bonded debt service). Local governments are not allowed to use the emergency reserves to compensate for economic conditions, revenue shortfalls, or salary or benefit increases.

Enterprises, defined as government-owned businesses authorized to issue revenue bonds and receiving less than 10% of annual revenue in grants from all state and local governments combined, are excluded from the provisions of TABOR. The District is of the opinion that its water activity enterprise, and all activities related thereto are carried on as an Enterprise within the meaning of TABOR and the Enterprise Act, C.R.S. 37-45.;1-01, et seq. The District's annual budget and financial statements are deemed by the District to be the annual budget and financial statements of the Enterprise.

The District's management believes it is in compliance with the provisions of TABOR. However, TABOR is complex and many of the provisions, including the calculation of fiscal year spending limits, growth factors, and qualification as an Enterprise, may require judicial interpretation.

On May 5, 1998, a majority of the District's voters approved the following ballot question: Shall Greatrock North Water and Sanitation District taxes be increased \$200,000 annually in the first full fiscal year by the imposition of a mill levy on all taxable property within the boundaries of the District, which mill levy shall generate not more than said annual amount in ad valorem property tax revenues for the District in the first full fiscal year for the purposes of the operation and maintenance of the District's services and facilities; and shall the revenues generated by such taxes in each year thereafter be approved as an increased levy without regard to the tax

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

increase limitation contained in Section 29-1-301, Colorado Revised Statutes, or any other tax increase limitation under any other law; and shall the revenue changes caused by the collection and spending of such tax revenues in every year be approved, permitting such tax revenues and any investment earnings thereon be collected and spent by the District without limitation or condition, and without limiting the collection or spending of any other revenues or funds by the District under Article X, Section 20 of the Colorado Constitution or any other law?

On May 6, 2008, a majority of the District's voters approved the following ballot question: Shall Greatrock North Water and Sanitation District be authorized to retain all revenues generated by or from rates, fees, tolls, charges, specific ownership taxes, agreements with other local governments, grants from the state or from any local government, lottery distributions, and any other revenues generated or received by the District, including reduction in debt service, in 1998 and in all subsequent years (which amounts does not include revenues generated from ad valorem property taxes); and shall the District be authorized to spend such revenues and investment income thereon as a voter-approved revenue change and an exception to and spending limitations which might otherwise apply?

On May 6, 2008, a majority of the District's voters approved the following ballot question: Shall Greatrock North Water and Sanitation District taxes be increased \$300,000 annually (for collection in calendar year 2008) and by the additional amounts that are raised annually thereafter by the imposition of an ad valorem property tax levy of 35 mills for the purpose of paying the District's administration, operations and maintenance and other similar expenses, and shall the revenue from such taxes and any investment income thereon together with all revenue received prior to calendar year 2008 from imposition of the District's operations mill levy and any investment income thereon be collected, retained and spent by the District in each fiscal year prior to, through and including 2008 and thereafter as a voter-approved revenue changes without regard to any spending, revenue-raising, or other limitation contained within Articles X, Section 20 of the Colorado Constitution, the limits imposed on increased in property taxation by Section 29-1-301, C.R.S in any year, or any other law which purports to limit the District's revenues or expenditures as it currently exists or as it may be amended in the future, all without limiting in any year the amount of other revenues that may be collected, retained and spent by the District?

**NOTE 11 - ESTIMATED CLOSURE COSTS**

The District utilizes two evaporation ponds (impoundments) as part of its water treatment waste management. The impoundments are classified as Type B and subject to the requirements of the Hazardous Material and Waste Management Division's (Division) *Regulations Pertaining to Solid Waste Sites and Facilities* (the Regulations). Section 9.3.4 (F) and Section 1.8 of the Regulations requires the District to estimate the closure costs if the impoundments owned and used by the District were to be closed.

The District's engineer has provided an estimate of the closure costs based on the closure plan presented in the *Engineering, Design, and Operation Plan dated May 2013, Revision 2* submitted to the Division in May 2013. The closure plan follows a clean-in-place closure thereby eliminating the need for environmental covenant and post-closure care and costs. The closure costs were gathered from suppliers, contractors, and an internal database of historical

**GREATROCK NORTH WATER AND SANITATION DISTRICT**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**December 31, 2015 and 2014**

project costs for the area. The estimates include the cost of engineering oversight, soil disposal, testing, liner removal and disposal, site grading, seeding, piping abandonment, erosion control as well as a contingency. As of December 31, 2014, the estimated closure costs for the impoundments are \$346,815. As of the date of the audit report, the District has no plans or intentions nor has it been ordered to close the impoundments, therefore, no liability has been recorded on the financial statements of the District in connection with the estimated costs.

Preliminary Draft  
Subject to Revision

This information is an integral part of the accompanying financial statements.

**SUPPLEMENTAL INFORMATION**

Preliminary Draft  
Subject to Revision

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN  
FUNDS AVAILABLE - BUDGET AND ACTUAL (BUDGETARY BASIS)  
Year Ended December 31, 2015**

	<b>Budgeted Amounts</b>		<b>Variance with Final Budget - Positive (Negative)</b>
	<b>Original and Final</b>	<b>Actual</b>	
<b>REVENUES</b>			
Property taxes	\$ 511,545	\$ 511,545	\$ -
Specific ownership taxes	30,693	44,266	13,573
Service charges - Greatrock	146,509	159,308	12,799
Service charges - Rocking Horse	107,399	115,089	7,690
Service charges - Box Elder	146,074	156,034	9,960
Available of service fees	14,700	14,980	280
Irrigation lease revenue	7,500	7,500	-
Net investment income	2,025	2,748	723
Inspection fees	-	5,626	5,626
Transfer from General Fund	200,000	190,045	(9,955)
Miscellaneous	-	6,023	6,023
Total Revenues	<u>1,166,445</u>	<u>1,213,164</u>	<u>46,719</u>
<b>EXPENDITURES</b>			
Administration and operations:			
Accounting	22,880	18,330	4,550
District management	64,480	53,733	10,747
Project management	7,840	2,690	5,150
Water rights development	97,500	90,362	7,138
Audit	8,500	6,643	1,857
Director fees	6,500	4,900	1,600
Utility billing	15,000	14,647	353
Insurance	17,100	16,323	777
Legal	65,900	45,020	20,880
Website development	1,000	640	360
Miscellaneous	14,300	8,531	5,769
Engineering	45,240	45,792	(552)
Utilities	35,000	31,919	3,081
Testing and reporting	4,500	6,057	(1,557)
Plant supplies	5,000	5,636	(636)
Meter reading	8,362	9,163	(801)
Rules and regulations	3,000	-	3,000
Maintenance and repair	358,671	127,886	230,785
Concentrate disposal	5,000	18,351	(13,351)
Operator services	54,977	49,873	5,104
Payroll taxes	497	375	122
County treasurer's fees	4,643	4,645	(2)
Water meters	2,000	5,455	(3,455)
Transfer to Debt Service Fund	200,000	190,045	9,955
Emergency reserve	56,351	-	56,351

(Continued)

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN  
FUNDS AVAILABLE - BUDGET AND ACTUAL (BUDGETARY BASIS)  
Year Ended December 31, 2015**

	(Continued)		
	<b>Budgeted Amounts</b>		<b>Variance with Final Budget - Positive (Negative)</b>
	<b>Original and Final</b>	<b>Actual</b>	
Debt Service:			
Paying agent fees	500	350	150
Arbitrage compliance	4,500	1,500	3,000
Legal	500	-	500
2007 GO Bonds principal	125,000	125,000	-
2007 GO Bonds interest	141,408	140,970	438
2010 GO Bonds principal	55,000	55,000	-
2010 GO Bonds interest	103,562	103,436	126
County treasurer's fees	3,031	3,032	(1)
Contingency	500	-	500
Capital Outlay:			
Legal	500	1,085	(585)
Greatrock North pump station	207,000	19,030	187,970
Water rights acquisition	139,043	-	139,043
Total expenditures	<u>1,884,785</u>	<u>1,206,419</u>	<u>678,366</u>
<b>REVENUES OVER (UNDER) EXPENDITURES</b>	<b>(718,340)</b>	<b>6,745</b>	<b>725,085</b>
<b>FUNDS AVAILABLE - BEGINNING OF YEAR</b>	<b>1,494,774</b>	<b>1,486,018</b>	<b>(8,756)</b>
<b>FUNDS AVAILABLE - END OF YEAR</b>	<b>\$ 776,434</b>	<b>\$ 1,492,763</b>	<b>\$ 716,329</b>

Funds available are computed as follows:

Current assets	\$ 2,132,289
Current liabilities	(48,613)
Deferred inflows of resources	(590,913)
	<u>\$ 1,492,763</u>

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
RECONCILIATION OF BUDGETARY BASIS TO STATEMENT OF  
REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION  
Year Ended December 31, 2015**

Revenue (budgetary basis)	\$ 1,213,164
Transfer from General Fund	<u>(190,045)</u>
Revenues per Statement of Revenues, Expenses and Changes in Fund Net Position	<u>1,023,119</u>
Expenditures (budgetary basis)	1,206,419
Depreciation	221,091
Capital outlay	(19,030)
Transfer to Debt Service Fund	(190,045)
Bond principal payment	(180,000)
Bond insurance cost amortization	2,165
Original issue discount/premium amortization	(7,228)
Deferred loss on refunding amortization	<u>20,713</u>
Expenses per Statement of Revenues, Expenses and Changes in Fund Net Position	<u>1,054,085</u>
Change in net position per Statement of Revenues, Expenses and Changes in Fund Net Position	<u><u>\$ (30,966)</u></u>

Preliminary Draft  
Subject to Revision

**OTHER INFORMATION**

Preliminary Draft  
Subject to Revision

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
SUMMARY OF ASSESSED VALUATION , MILL LEVY  
AND PROPERTY TAXES COLLECTED  
Year Ended December 31, 2015**

<u>Year Ended December 31,</u>	<u>Prior Year Assessed Valuation for Current Year Property Tax Levy</u>	<u>Mills Levied</u>	<u>Property Taxes</u>		<u>Percentage Collected to Levied</u>
			<u>Levied</u>	<u>Collected</u>	
2010	\$ 12,326,250	35.000	\$ 431,419	\$ 456,737	105.9%
2011	\$ 12,050,510	42.500	\$ 512,146	\$ 515,286	100.6%
2012	\$ 11,231,320	45.500	\$ 511,025	\$ 511,359	100.1%
2013	\$ 11,217,880	45.500	\$ 510,414	\$ 509,506	99.8%
2014	\$ 10,900,660	46.840	\$ 510,587	\$ 511,135	100.1%
2015	\$ 10,921,110	46.840	\$ 511,545	\$ 511,545	100.0%
Estimated for year ending December 31, 2016	\$ 12,615,550	46.840	\$ 590,913		

**NOTE:** Property taxes collected in any one year may include collection of delinquent property taxes levied in prior years. Information received from the County Treasurer does not permit identification of specific year of levy.

## GREATROCK NORTH WATER AND SANITATION DISTRICT

June 7, 2016

Schilling & Company, Inc.  
PO Box 631579  
Highlands Ranch, CO 80163

This representation letter is provided in connection with your audits of the basic financial statements of Greatrock North Water and Sanitation District (District), which comprise the statements of as of December 31, 2015 and 2014, and the related statements of changes in financial position and cash flows for the years then ended, and the related notes to the financial statements, for the purpose of expressing opinions as to whether the financial statements are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).

Certain representations in this letter are described as being limited to matters that are material. Items are considered material, regardless of size, if they involve an omission or misstatement of accounting information that, in light of surrounding circumstances, makes it probable that the judgment of a reasonable person relying on the information would be changed or influenced by the omission or misstatement. An omission or misstatement that is monetarily small in amount could be considered material as a result of qualitative factors.

We confirm, to the best of our knowledge and belief, as of June 7, 2016 the following representations made to you during your audit.

### **Financial Statements**

- 1) We have fulfilled our responsibilities, as set out in the terms of the audit engagement letter.
- 2) The financial statements referred to above are fairly presented in conformity with U.S. GAAP and include all properly classified funds and other financial information of the primary government and all component units, if any, required by generally accepted accounting principles to be included in the financial reporting entity.
- 3) We acknowledge our responsibility for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.
- 4) We acknowledge our responsibility for the design, implementation, and maintenance of internal control to prevent and detect fraud.
- 5) Significant assumptions we used in making accounting estimates, including those measured at fair value, are reasonable.
- 6) Related party relationships and transactions, including revenues, expenditures/expenses, loans, transfers, leasing arrangements, and guarantees, and amounts receivable from or payable to related parties have been appropriately accounted for and disclosed in accordance with the requirements of U.S. GAAP.

- 7) Adjustments or disclosures have been made for all events, including instances of noncompliance, subsequent to the date of the financial statements that would require adjustment to or disclosure in the financial statements.
- 8) The effects of all known actual or possible litigation, claims, and assessments have been accounted for and disclosed in accordance with U.S. GAAP.
- 9) Guarantees, whether written or oral, under which the District is contingently liable, if any, have been properly recorded or disclosed.

#### **Information Provided**

- 10) We have provided you with:
  - a) Access to all information, of which we are aware, that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation, and other matters.
  - b) Additional information that you have requested from us for the purpose of the audit.
  - c) Unrestricted access to persons within the entity from whom you determined it necessary to obtain audit evidence.
  - d) Minutes of the meetings of Board of Directors or summaries of actions of recent meetings for which minutes have not yet been prepared.
- 11) All material transactions have been recorded in the accounting records and are reflected in the financial statements.
- 12) We have disclosed to you the results of our assessment of the risk that the financial statements may be materially misstated as a result of fraud.
- 13) We have no knowledge of any fraud or suspected fraud that affects the District and involves:
  - a) Management,
  - b) Others where the fraud could have a material effect on the financial statements.
- 14) We have no knowledge of any allegations of fraud or suspected fraud affecting the District's financial statements communicated by employees, former employees, regulators, or others.
- 15) We have no knowledge of instances of noncompliance or suspected noncompliance with provisions of laws, regulations, contracts, or grant agreements, or abuse, whose effects should be considered when preparing financial statements.
- 16) We have disclosed to you all known actual or possible litigation, claims, and assessments whose effects should be considered when preparing the financial statements.
- 17) We have disclosed to you the identity of the District's related parties and all the related party relationships and transactions of which we are aware.

#### **Government—specific**

- 18) There have been no communications from regulatory agencies concerning noncompliance with, or deficiencies in, financial reporting practices.
- 19) We have identified to you any previous audits, attestation engagements, and other studies related to the audit objectives and whether related recommendations have been implemented, if any.
- 20) The District has no plans or intentions that may materially affect the carrying value or classification of assets, liabilities, or equity.

- 21) We are responsible for compliance with the laws, regulations, and provisions of contracts and grant agreements applicable to us, including tax or debt limits and debt contracts; and legal and contractual provisions for reporting specific activities in separate funds.
- 22) We have identified and disclosed to you all instances, which have occurred or are likely to have occurred, of fraud and noncompliance with provisions of laws and regulations that we believe have a material effect on the financial statements or other financial data significant to the audit objectives, and any other instances that warrant the attention of those charged with governance.
- 23) There are no violations or possible violations of budget ordinances, laws and regulations (including those pertaining to adopting, approving, and amending budgets), provisions of contracts and grant agreements, tax or debt limits, and any related debt covenants whose effects should be considered for disclosure in the financial statements, or as a basis for recording a loss contingency, or for reporting on noncompliance.
- 24) As part of your audit, you assisted with preparation of the financial statements and related notes. We acknowledge our responsibility as it relates to those nonaudit services, including that we assume all management responsibilities; oversee the services by designating an individual, preferably within senior management, who possesses suitable skill, knowledge, or experience; evaluate the adequacy and results of the services performed; and accept responsibility for the results of the services. We have reviewed, approved, and accepted responsibility for those financial statements and related notes.
- 25) The District has satisfactory title to all owned assets, and there are no liens or encumbrances on such assets nor has any asset been pledged as collateral.
- 26) The District has complied with all aspects of contractual agreements that would have a material effect on the financial statements in the event of noncompliance.
- 27) We have followed all applicable laws and regulations in adopting, approving, and amending budgets.
- 28) The financial statements include all component units as well as joint ventures with an equity interest, and properly disclose all other joint ventures and other related organizations, if any.
- 29) The financial statements properly classify all funds and activities, in accordance with GASB Statement No. 34.
- 30) All funds that meet the quantitative criteria in GASBS Nos. 34 and 37 for presentation as major are identified and presented as such and all other funds that are presented as major are particularly important to financial statement users.
- 31) Components of net position (net investment in capital assets; restricted; and unrestricted) are properly classified and, if applicable, approved.
- 32) Investments are properly valued.
- 33) Provisions for uncollectible receivables have been properly identified and recorded.
- 34) Expenses have been appropriately classified in or allocated to functions and programs in the statement of activities, and allocations have been made on a reasonable basis.
- 35) Revenues are appropriately classified in the statement of activities within program revenues, general revenues, contributions to term or permanent endowments, or contributions to permanent fund principal.
- 36) Deposits and investment securities and derivative instruments are properly classified as to risk and are properly disclosed.

- 37) Capital assets, including infrastructure and intangible assets, are properly capitalized, reported, and, if applicable, depreciated.
- 38) We have appropriately disclosed the District's policy regarding whether to first apply restricted or unrestricted resources when an expense is incurred for purposes for which both restricted and unrestricted net position is available and have determined that net position is properly recognized under the policy.
- 39) We acknowledge our responsibility for the required supplementary information (RSI). The RSI is measured and presented within prescribed guidelines and the methods of measurement and presentation have not changed from those used in the prior period. We have disclosed to you any significant assumptions and interpretations underlying the measurement and presentation of the RSI.
- 40) With respect to the Supplemental Information as listed in the table of contents:
- a) We acknowledge our responsibility for presenting the Supplemental Information in accordance with accounting principles generally accepted in the United States of America, and we believe the Supplemental Information, including its form and content, is fairly presented in accordance with accounting principles generally accepted in the United States of America. The methods of measurement and presentation of the Supplemental Information have not changed from those used in the prior period, and we have disclosed to you any significant assumptions or interpretations underlying the measurement and presentation of the supplementary information.
  - b) If the Supplemental Information is not presented with the audited financial statements, we will make the audited financial statements readily available to the intended users of the supplementary information no later than the date we issue the supplementary information and the auditor's report thereon.
- 41) The District understands that TABOR (Section 20 of Article X of the Colorado Constitution) is complex and subject to interpretation and that many of the provisions will require judicial interpretation. We have reviewed the various provisions and interpretations and believe to the best of our knowledge at this time, the District is in compliance.
- 42) We have directed that all banking and savings and loan institutions be notified of our assigned number which identifies that our deposits are subject to the respective Public Deposit Protection Act.

## GREATROCK NORTH WATER AND SANITATION DISTRICT

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Member of the Board of Directors

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District Manager



# SCHILLING & COMPANY, INC.

*Certified Public Accountants*

P.O. Box 631579  
HIGHLANDS RANCH, CO 80163

PHONE: 720.348.1086  
FAX: 720.348.2920

June \_\_\_\_, 2016

To the Board of Directors  
Greatrock North Water and Sanitation District  
Adams County, Colorado

We have audited the financial statements of the business-type activities of Greatrock North Water and Sanitation District (District) for the year ended December 31, 2015, and have issued our report thereon dated June \_\_\_\_, 2015. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards as well as certain information related to the planned scope and timing of our audit. Professional standards also require that we communicate to you the following information related to our audit.

## Responsibilities under U.S. Generally Accepted Auditing Standards

As stated in our engagement letter, our responsibility, as described by professional standards, is to express opinions about whether the financial statements prepared by management with your oversight are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles. Our audit of the financial statements does not relieve you or management of your responsibilities.

Generally accepted accounting principles provide for certain required supplementary information (RSI) to supplement the basic financial statements. Our responsibility with respect to the required supplementary information (RSI), which supplements the basic financial statements, is to apply certain limited procedures in accordance with generally accepted auditing standards. However, the RSI will not be audited and, because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance, we will not express an opinion or provide any assurance on the RSI.

We have been engaged to report on supplemental information, which accompany the financial statements but are not RSI. Our responsibility for this supplementary information, as described by professional standards, is to evaluate the presentation of the supplementary information in relation to the financial statements as a whole and to report on whether the supplementary information is fairly stated, in all material respects, in relation to the financial statements as a whole.

We have been engaged to report on other information, which accompany the financial statements but are not RSI. Our responsibility with respect to this other information in documents containing the audited financial statements and auditor's report does not extend beyond the financial information identified in the report. We have no responsibility for determining whether this other information is properly stated. This other information will not be audited and we will not express an opinion or provide any assurance on it.

## Planned Scope and Timing of Audit

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested.

Our audit will include obtaining an understanding of the entity and its environment, including internal control, sufficient to assess the risks of material misstatement of the financial statements and to design the nature, timing, and extent of further audit procedures. Material misstatements may result from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the entity or to acts by management or employees acting on behalf of the entity. We will generally communicate our significant findings at the conclusion of the audit. However, some matters could be communicated sooner, particularly if significant difficulties are encountered during the audit where assistance is needed to overcome the difficulties or if the difficulties may lead to a modified opinion. We will also communicate any internal control related matters that are required to be communicated under professional standards.

The audit was performed in May 2016 and we issued our report on June \_\_\_\_, 2016.

## Significant Audit Findings

### *Qualitative Aspects of Accounting Practices*

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the District are described in Note 2 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during 2015.

We noted no transactions entered into by the District during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. There were no accounting estimates that are considered particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected.

The disclosures in the financial statements are neutral, consistent, and clear.

### *Difficulties Encountered in Performing the Audit*

We encountered no significant difficulties in dealing with management in performing and completing the audit.

### *Corrected and Uncorrected Misstatements*

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. There were no misstatements noted during the audit.

### *Disagreements with Management*

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

### *Management Representations*

We have requested certain representations from management that are included in the management representation letter dated June \_\_\_\_, 2016.

### *Management Consultations with Other Independent Accountants*

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the District's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

### *Other Audit Findings or Issues*

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the District's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

### Other Matters

We applied certain limited procedures to required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on supplementary information, which accompanies the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the

underlying accounting records used to prepare the financial statements or to the financial statements themselves.

We were not engaged to report on other information, which accompanies the financial statements but is not RSI. We did not audit or perform other procedures on this other information and we do not express an opinion or provide any assurance on it.

Restriction on Use

This information is intended solely for the use of the Board of Directors and management of the District and is not intended to be, and should not be, used by anyone other than these specified parties.

Very truly yours,

Schilling & Company, Inc.

Preliminary Draft  
Subject to Revision

**GREATROCK NORTH WATER AND SANITATION DISTRICT  
ENGINEER'S REPORT  
MAY 31, 2016**

**Greatrock North Pump Station Improvements**

I will discuss the pump station improvements and alternatives at the June Board meeting.

**Concentrate Management**

The maximum daily run time for the reverse osmosis unit was reduced to 240 minutes on April 29, 2016. The table below summarizes certain components of the water system operations.

<b>Date</b>	<b>To BECR Tanks (gallons)</b>	<b>Pond Level (feet)</b>
04/29/16	53,685	3.69
05/15/16	110,203	3.70
05/30/16	171,235	3.77

As evident, our daily production is increasing, as expected for this time of year. Although the RO run time has been reduced, the spring precipitation has impacted our pond level. We will continue to monitor both.

**Water Quality and Hardness**

Below are tables summarizing the water production data, water quality results, and water treatment plant observations.

<b>Month</b>	<b>RO Permeate</b>	<b>Unfiltered UKA Water</b>	<b>Unfiltered ALV Wells</b>
May	26%	36%	38%
April (04/19/16)	53%	37%	10%
March 03/31/16)	51%	38%	11%
February (02/22/16)	37%	38%	25%
January (01/20/16)	42%	38%	20%
December (12/14/15)	51%	38%	11%
November (11/21/15)	52%	38%	10%
October (10/25/15)	25%	36%	39%
September (09/20/15)	17%	34%	49%
August (08/24/15)	10%	33%	57%
July (07/19/15)	17%	35%	48%
June (06/28/15)	23%	37%	40%
May (05/25/15)	39%	42%	19%

**LAMP RYNEARSON COMPANIES**



**Engineer's Report**  
**May 31, 2016**

The total hardness results tabulated below generally reflect a moderately hard water as of May 6, 2016.

<b>Total Hardness (as CaCO<sub>3</sub>)</b>			
<b>Date</b>	<b>BECR Tanks</b>	<b>RHF Tank</b>	<b>GN Tank</b>
05/06/16	106.6 mg/l	70.5 mg/l	72.8 mg/l
04/22/16	56.7 mg/l	63.4 mg/l	62.6 mg/l
03/09/16	68.3 mg/l	92.2 mg/l	92.8 mg/l
02/10/16	134.8 mg/l	88.9 mg/l	97.1 mg/l
01/11/16	49.7 mg/l	55.4 mg/l	67.0 mg/l
12/14/15	45.9 mg/l	63.3 mg/l	52.0 mg/l
11/09/15	63.5 mg/l	103.3 mg/l	82.0 mg/l
10/14/15	134.1 mg/l	117.2 mg/l	118.7 mg/l
09/09/15	152.6 mg/l	164.3 mg/l	158.4 mg/l
08/19/15	159.1 mg/l	175.6 mg/l	173.1 mg/l
07/10/15	136.2 mg/l	158.8 mg/l	156.5 mg/l
06/11/15	92.0 mg/l	78.0 mg/l	80.1 mg/l
05/11/15	84.8 mg/l	72.6 mg/l	73.9 mg/l
04/13/15	99.6 mg/l	67.7 mg/l	68.6 mg/l
March 2015	53.7 mg/l	68.3 mg/l	59.1 mg/l
02/02/15	83.4 mg/l	113.8 mg/l	104.6 mg/l
01/14/15	105.2 mg/l	123.0 mg/l	111.7 mg/l
12/03/14	115.3 mg/l	194.5 mg/l	169.8 mg/l
10/01/14	188.8 mg/l	231.7 mg/l	225.6 mg/l
07/11/14	221.5 mg/l	222.7 mg/l	220.4 mg/l
05/16/14	165.2 mg/l	209.6 mg/l	198.1 mg/l

For comparison, hardness values are generally classified as:

<b>Classification</b>	<b>Mg/l</b>
Soft	0 – 60
Moderately hard	61 – 120
Hard	121 – 180
Very hard	GTE 181

**Engineer's Report  
May 31, 2016**

<b>Total Dissolved Solids (TDS)</b>			
<b>Date</b>	<b>BECR Tanks</b>	<b>RHF Tank</b>	<b>GN Tank</b>
05/06/16	336 mg/l	271 mg/l	288 mg/l
04/22/16	255 mg/l	272 mg/l	272 mg/l
03/09/16	289 mg/l	313 mg/l	321 mg/l
02/10/16	422 mg/l	324 mg/l	337 mg/l
01/11/16	278 mg/l	266 mg/l	243 mg/l
12/14/15	247 mg/l	290 mg/l	276 mg/l
11/09/15	275 mg/l	346 mg/l	320 mg/l
10/14/15	414 mg/l	406 mg/l	385 mg/l
09/09/15	470 mg/l	471 mg/l	495 mg/l
08/19/15	469 mg/l	500 mg/l	482 mg/l
07/10/15	417 mg/l	449 mg/l	468 mg/l
06/11/15	369 mg/l	350 mg/l	341 mg/l
05/11/15	401 mg/l	347 mg/l	366 mg/l
04/13/15	386 mg/l	326 mg/l	322 mg/l
March 2015	274 mg/l	324 mg/l	302 mg/l
02/02/15	350 mg/l	394 mg/l	383 mg/l
01/14/15	350 mg/l	394 mg/l	417 mg/l
12/03/14	417 mg/l	552 mg/l	511 mg/l
10/01/14	538 mg/l	603 mg/l	594 mg/l
07/11/14	565 mg/l	597 mg/l	599 mg/l
03/05/14	586 mg/l	543 mg/l	566 mg/l
01/08/14	553 mg/l	559 mg/l	575 mg/l
10/28/13	677 mg/l	643 mg/l	594 mg/l

I will issue water quality graphs in advance of the June 7 Board meeting.

**Other Activities**

Altela, Inc. – No update.

Utility Billings and Energy Costs – TZA is tracking the United Power utility bills and associated water operations on a monthly basis. Below are the annual comparisons for each year.

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Annual KWH	693,583	520,026	333,629	366,737
Annual Billings	\$74,040.05	\$43,316.56	\$28,204.49	\$31,044.16
Average \$/KWH	\$0.10675	\$0.08330	\$0.08454	\$0.08465

- The Rocking Horse Farms pumps were replaced on August 13, 2013
- The Box Elder Creek Ranch pumps were replaced on March 13, 2014

I will issue a 2016 update in advance of the June 7 Board meeting.

## **Engineer's Report May 31, 2016**

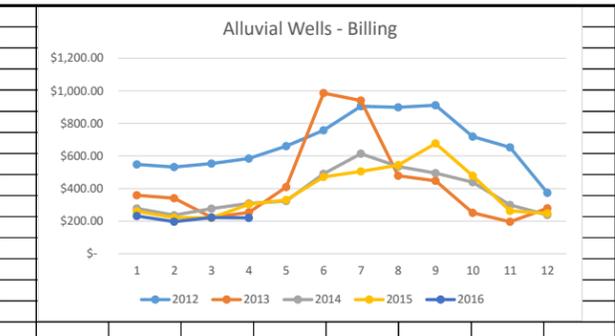
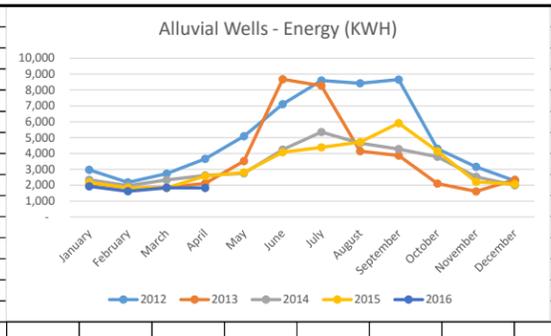
Warranty Inspections – Here is a summary of independent contractor projects:

- Rocking Horse Farms Pump Station – The warranty inspection was conducted by Jeff Rabas on July 18, 2014.
- Box Elder Creek Ranch Pump Station – The warranty inspection was conducted by Brad Simons on January 26, 2015.
- Rocking Horse Farms Tank Repainting – The improvements were inspected and accepted on June 11, 2014. A preliminary warranty inspection was conducted by Ramey Environmental Compliance on April 24, 2015 and Coblaco addressed some minor surface rust and some isolated coating repairs on August 5, 2015. Ramey Environmental Compliance informed TZA of some coating issues on the tank roof and Coblaco inspected the conditions on March 30, 2016. We are awaiting a plan from Coblaco.

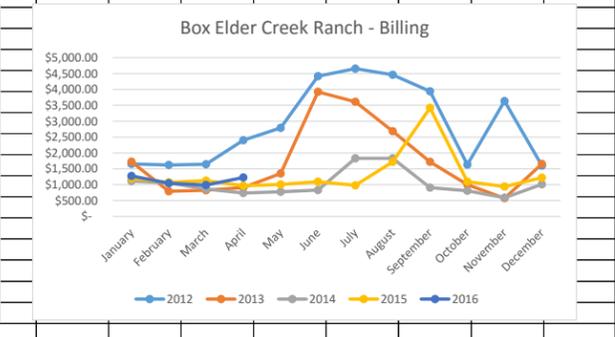
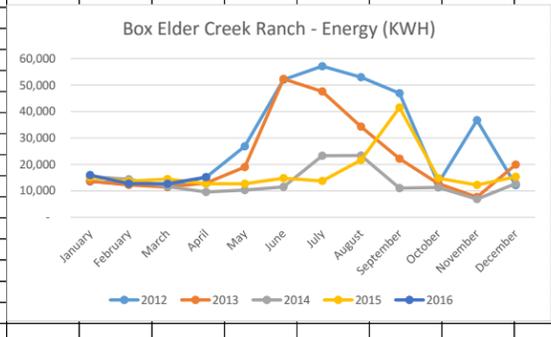
Control Valves Evaluation – TZA transmitted information on a set of control valves at the Box Elder Creek Ranch pump station to iSiWest and REC's Equipment Services Division on March 29, 2016, and requested a service quote. To date, iSiWest has provided a cost proposal and I am awaiting REC's quotation.

Well, Pump, and Motor Replacements – The District has initiated efforts to better understand its well infrastructure and the potential need for replacement of pumps and motors, as well as the well structures themselves. As a part of that effort, TZA Water Engineers will need to work with Bishop-Brogden Associates to compile the historical aspects of the wells constructed, the pumps installed, and any other improvements (i.e. water level measuring devices) integrated at each site. This information will be used to evaluate the benefits of a pump, motor, and well maintenance program to detect changes in well performance. Early detection of deterioration in well performance will allow less expensive repairs, rehabilitation, or treatment procedures in order to maximize production capacity. This preventative maintenance program will be discussed with the District's Manager, and a formal proposal will be brought to the Board if deemed appropriate.

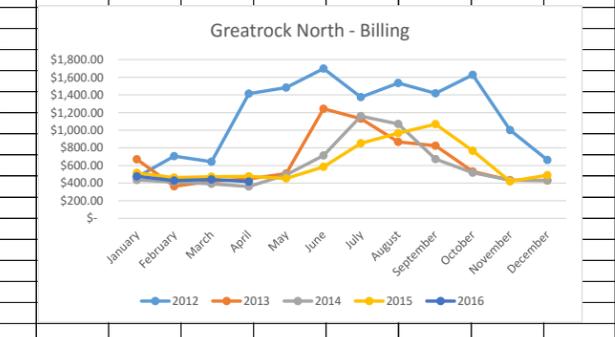
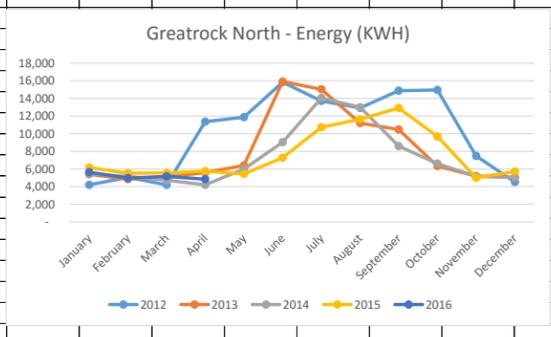
Alluvial Wells										
	Energy					Billing				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
January	2,970	2,136	2,341	2,185	1,928	\$ 547.88	\$ 358.98	\$ 277.72	\$ 260.28	\$ 231.55
February	2,177	1,832	1,972	1,842	1,618	\$ 532.28	\$ 341.31	\$ 236.47	\$ 221.94	\$ 196.89
March	2,724	1,854	2,329	1,824	1,841	\$ 553.69	\$ 223.28	\$ 276.38	\$ 219.92	\$ 221.82
April	3,663	2,117	2,617	2,571	1,827	\$ 584.98	\$ 252.68	\$ 308.58	\$ 303.44	\$ 220.26
May	5,092	3,517	2,750	2,809		\$ 659.96	\$ 409.20	\$ 323.45	\$ 330.05	
June	7,109	8,676	4,240	4,073		\$ 757.99	\$ 985.98	\$ 490.03	\$ 471.36	
July	8,596	8,268	5,348	4,380		\$ 905.33	\$ 940.36	\$ 613.91	\$ 505.68	
August	8,423	4,140	4,646	4,717		\$ 899.14	\$ 478.85	\$ 535.42	\$ 543.36	
September	8,656	3,864	4,279	5,913		\$ 911.54	\$ 448.00	\$ 494.39	\$ 677.07	
October	4,295	2,102	3,789	4,141		\$ 718.66	\$ 251.00	\$ 439.61	\$ 478.96	
November	3,156	1,611	2,529	2,210		\$ 653.05	\$ 196.11	\$ 298.74	\$ 263.08	
December	2,282	2,349	1,989	2,072		\$ 373.55	\$ 278.62	\$ 238.37	\$ 247.65	



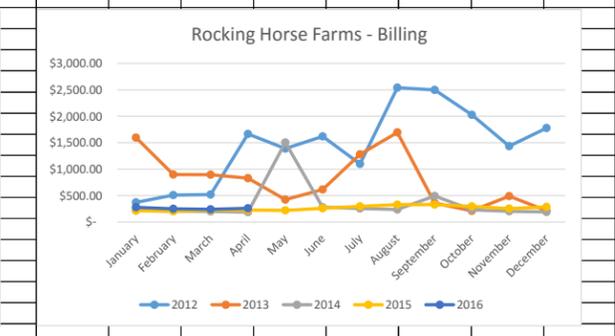
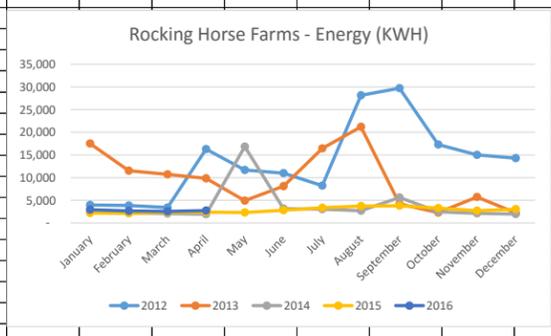
Box Elder Creek Ranch										
	Energy					Billing				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
January	13,520	13,680	15,360	15,160	15,960	\$ 1,651.60	\$ 1,725.12	\$ 1,108.54	\$ 1,197.57	\$ 1,276.60
February	12,520	12,240	14,400	13,680	12,720	\$ 1,621.27	\$ 792.21	\$ 1,057.09	\$ 1,070.67	\$ 1,042.58
March	11,960	11,400	11,600	14,440	12,680	\$ 1,645.34	\$ 823.97	\$ 862.64	\$ 1,127.25	\$ 987.96
April	15,080	12,960	9,600	12,640	15,200	\$ 2,396.93	\$ 907.26	\$ 739.18	\$ 969.53	\$ 1,224.04
May	26,800	18,960	10,320	12,680		\$ 2,789.79	\$ 1,351.00	\$ 777.33	\$ 1,008.06	
June	52,040	52,320	11,480	14,760		\$ 4,416.78	\$ 3,923.69	\$ 829.21	\$ 1,093.72	
July	57,120	47,560	23,280	13,720		\$ 4,655.89	\$ 3,611.18	\$ 1,830.05	\$ 980.53	
August	52,960	34,280	23,360	21,640		\$ 4,461.41	\$ 2,687.41	\$ 1,830.72	\$ 1,721.92	
September	46,880	22,120	11,040	41,480		\$ 3,939.55	\$ 1,721.63	\$ 907.97	\$ 3,418.91	
October	12,880	12,760	11,280	14,800		\$ 1,633.61	\$ 998.75	\$ 809.45	\$ 1,092.04	
November	36,680	7,640	6,880	12,200		\$ 3,632.14	\$ 571.71	\$ 587.88	\$ 939.73	
December	12,120	19,920	12,720	15,320		\$ 1,600.40	\$ 1,653.47	\$ 1,010.40	\$ 1,223.02	



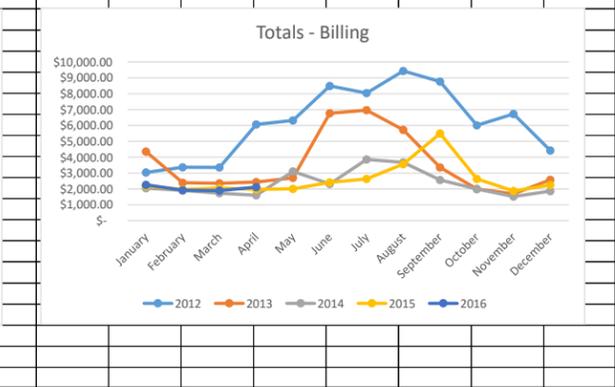
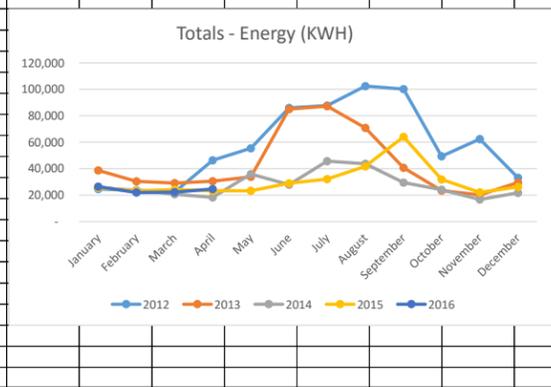
Greatrock North										
	Energy					Billing				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
January	4,200	5,400	5,440	6,160	5,640	\$ 467.45	\$ 670.70	\$ 435.45	\$ 516.66	\$ 477.25
February	5,040	4,840	5,160	5,520	4,960	\$ 705.94	\$ 364.19	\$ 412.92	\$ 463.10	\$ 429.37
March	4,200	5,080	4,720	5,560	5,160	\$ 643.23	\$ 422.21	\$ 391.36	\$ 473.48	\$ 441.09
April	11,360	5,600	4,200	5,760	4,840	\$ 1,415.12	\$ 447.69	\$ 361.64	\$ 476.23	\$ 418.31
May	11,880	6,400	6,000	5,440		\$ 1,484.27	\$ 508.91	\$ 495.23	\$ 453.46	
June	15,840	15,910	9,040	7,280		\$ 1,698.33	\$ 1,243.57	\$ 713.52	\$ 585.38	
July	13,720	15,040	14,040	10,720		\$ 1,375.89	\$ 1,130.45	\$ 1,159.21	\$ 851.22	
August	12,920	11,200	13,000	11,640		\$ 1,534.72	\$ 867.42	\$ 1,070.15	\$ 965.43	
September	14,880	10,480	8,600	12,920		\$ 1,417.52	\$ 823.33	\$ 671.67	\$ 1,068.56	
October	14,960	6,320	6,600	9,680		\$ 1,627.09	\$ 531.41	\$ 518.32	\$ 766.18	
November	7,480	5,200	5,160	5,000		\$ 1,001.44	\$ 432.49	\$ 433.96	\$ 419.65	
December	4,520	5,040	5,040	5,720		\$ 663.15	\$ 429.06	\$ 430.95	\$ 489.97	



Rocking Horse Farms										
	Energy					Billing				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
January	3,960	17,520	2,400	2,200	2,920	\$ 372.28	\$ 1,596.64	\$ 226.87	\$ 213.20	\$ 279.51
February	3,840	11,520	2,200	2,120	2,640	\$ 512.12	\$ 899.32	\$ 208.26	\$ 204.50	\$ 251.05
March	3,400	10,720	2,080	2,360	2,560	\$ 520.05	\$ 894.39	\$ 202.38	\$ 226.60	\$ 242.34
April	16,280	9,840	1,920	2,400	2,720	\$ 1,664.58	\$ 829.25	\$ 188.77	\$ 228.95	\$ 259.75
May	11,680	4,920	16,840	2,320		\$ 1,390.20	\$ 425.22	\$ 1,505.07	\$ 220.23	
June	11,000	8,120	3,160	2,800		\$ 1,620.73	\$ 617.25	\$ 281.51	\$ 260.42	
July	8,240	16,440	3,040	3,360		\$ 1,098.88	\$ 1,280.36	\$ 258.40	\$ 297.24	
August	28,160	21,200	2,680	3,720		\$ 2,541.00	\$ 1,694.17	\$ 237.31	\$ 330.39	
September	29,720	4,200	5,600	3,800		\$ 2,499.56	\$ 359.11	\$ 492.79	\$ 331.06	
October	17,280	2,280	2,480	3,280		\$ 2,027.85	\$ 212.18	\$ 229.61	\$ 296.58	
November	15,040	5,720	2,120	2,680		\$ 1,436.80	\$ 490.84	\$ 204.50	\$ 253.39	
December	14,280	2,240	1,960	3,040		\$ 1,779.11	\$ 214.63	\$ 191.11	\$ 286.54	



Totals - All Accounts										
	Energy					Billing				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
January	24,650	38,736	25,541	25,705	26,448	\$ 3,039.21	\$ 4,351.44	\$ 2,048.58	\$ 2,187.71	\$ 2,264.91
February	23,577	30,432	23,732	23,162	21,938	\$ 3,371.61	\$ 2,397.03	\$ 1,914.74	\$ 1,960.21	\$ 1,919.89
March	22,284	29,054	20,729	24,184	22,241	\$ 3,362.31	\$ 2,363.85	\$ 1,732.76	\$ 2,047.25	\$ 1,893.21
April	46,383	30,517	18,337	23,371	24,587	\$ 6,061.61	\$ 2,436.88	\$ 1,598.17	\$ 1,978.15	\$ 2,122.36
May	55,452	33,797	35,910	23,249		\$ 6,324.22	\$ 2,694.33	\$ 3,101.08	\$ 2,011.80	
June	85,989	85,026	27,920	28,913		\$ 8,493.83	\$ 6,770.49	\$ 2,314.27	\$ 2,410.88	
July	87,676	87,308	45,708	32,180		\$ 8,035.99	\$ 6,962.35	\$ 3,861.57	\$ 2,634.67	
August	102,463	70,820	43,686	41,717		\$ 9,436.27	\$ 5,727.85	\$ 3,673.60	\$ 3,561.10	
September	100,136	40,664	29,519	64,113		\$ 8,768.17	\$ 3,352.07	\$ 2,566.82	\$ 5,495.60	
October	49,415	23,462	24,149	31,901		\$ 6,007.21	\$ 1,993.34	\$ 1,996.99	\$ 2,633.76	
November	62,356	20,171	16,689	22,090		\$ 6,723.43	\$ 1,691.15	\$ 1,525.08	\$ 1,875.85	
December	33,202	29,549	21,709	26,152		\$ 4,416.21	\$ 2,575.78	\$ 1,870.83	\$ 2,247.18	
	693,583	519,536	333,629	366,737	95,214	\$ 74,040.07	\$ 43,316.56	\$ 28,204.49	\$ 31,044.16	\$ 8,200.37
			YTD	96,422	95,214			YTD	\$ 8,173.32	\$ 8,200.37
					99%					100%



## Lisa Johnson

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**From:** Shane Bergman <shane.bergman@tamarackconsultingllc.com>  
**Sent:** Tuesday, May 10, 2016 2:20 PM  
**To:** Lisa Johnson  
**Cc:** Taylor Ward  
**Subject:** RE: Trimble R1 for GreatRock North Water & San  
**Attachments:** 20160520-GRNWSD-SB-R1GNSS(1)-Accessories-warranty-RTX.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Lisa,

We met with Zach from Frontier this morning and checked out the R1. I had him update his quote (attached) with what we think would be a quality set up for the District. There are 2 items on the quote that the board may want to discuss:

**Mapping Continental Viewpoint RTX \$400.00 / year**

This is the satellite network that the R1 uses to correct the phones position. There is a free service that the Board can use but it is not as readily available as the RTX. I figure for only \$400 / year this would be a good to have.

**HDW Extension Warranty \$134.00**

The R1 comes with a 2 year warranty, for \$134 they can extend the warranty to 3 years. I think that is a pretty good deal.

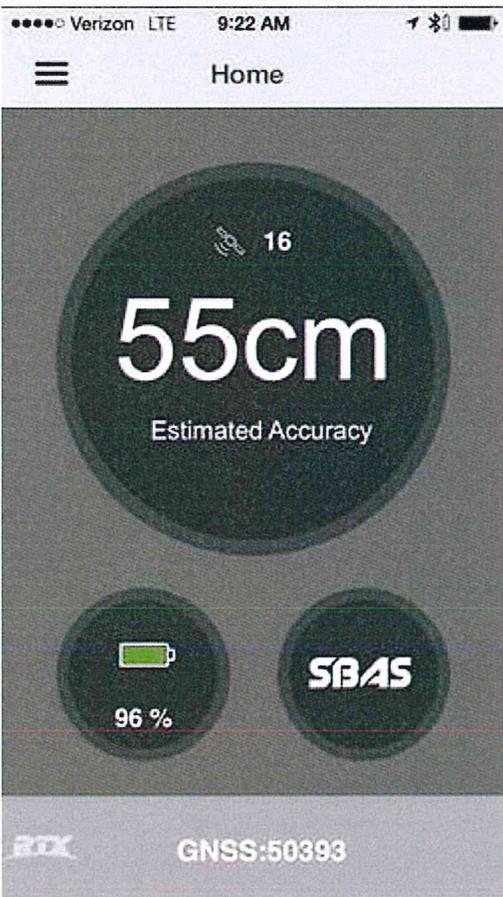
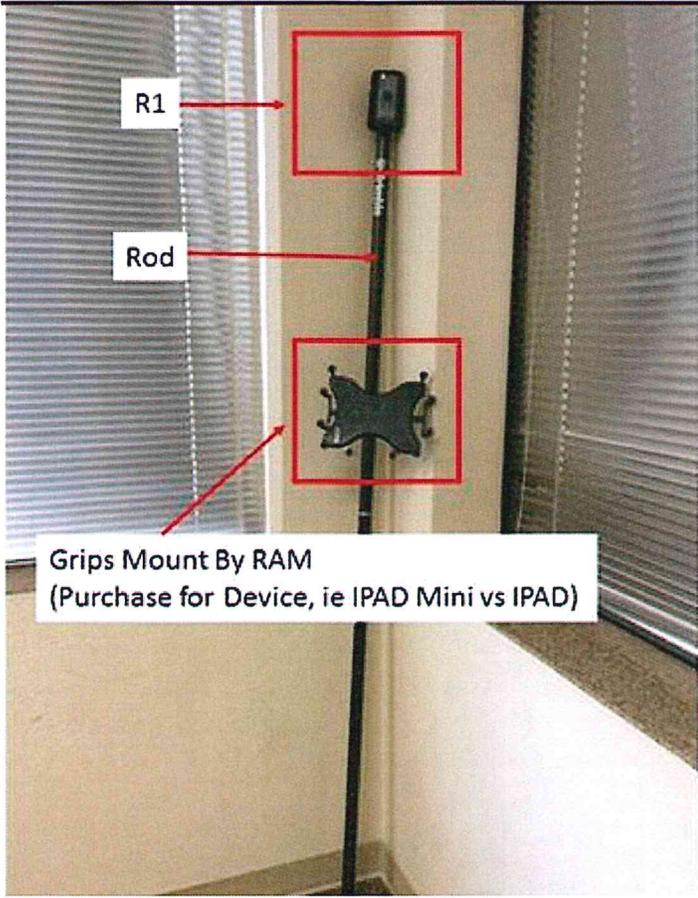
**One additional item is not included on the quote and will need to be purchased. The Grips Mount by RAM.**

These are device specific so we need to determine what device the Board intends to use before purchasing.

Here is a link to A RAM Grips Mount on Amazon for reference. <http://www.amazon.com/Cradle-Holder-Universal-X-Grip-Cellphone/dp/B0055PH0XA>

Frontier recommends using an IPAD Mini for this device (Battery life for the IPAD mini is much better than the iPhone).

The Photo below is of the Rod with the R1 and the Grips Mount, the photo to the left is the accuracy I got using the unit with my phone (pretty impressive).



One last thing. Tamarack has a field collection App the Board can purchase (\$50/month) that will feed collected data directly into their GIS application. If we need to do another presentation showing this functionality we are happy to do it. If the board does not want to use our app there are various others out there (ArcGIS collector for example) but the data they collect will not pump into their GIS application and will require some processing on their end.

Im happy to discuss so if you have any questions let me know.

Thanks,

Shane

**Shane Bergman, M.Eng**

**Manager of GIS Mapping/Geospatial Services**

*Tamarack Consulting LLC*

*8840 West Colfax Avenue*

*Lakewood, Colorado 80215*

*D: 720.695.3968 | C: 303.921.1799 | O: 303.233.3265*

**GIS Mapping | Civil Engineering Services | Land Surveying | Construction Management | Field Services | Special Districts**

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**From:** Lisa Johnson [mailto:[ljohnson@sdmsi.com](mailto:ljohnson@sdmsi.com)]

**Sent:** Monday, May 09, 2016 11:10 AM

**To:** Shane Bergman <[shane.bergman@tamarackconsultingllc.com](mailto:shane.bergman@tamarackconsultingllc.com)>

**Subject:** RE: Trimble R1 for GreatRock North Water & San

Okay, it sounds like we will know more after you meet with the rep. tomorrow. Let's chat again then 😊.

Lisa A. Johnson

Vice President of Administration

District Manager

Special District Management Service, Inc.

141 Union Blvd., Ste. 150



# Quote

Quote # 5917  
Date 5/10/2016

Frontier Precision, Inc.  
5480 West 60th Ave # A  
Arvada, CO 80003  
720.214.3500

**Bill To:**  
GREAT ROCK NORTH WATER & SANITATION  
141 Union Blvd.  
Lakewood CO 80228

**Ship To:**  
GREAT ROCK NORTH WATER & SANITATION  
141 Union Blvd.  
Lakewood CO 80228

Expires	Sales Rep	Location	Contact Name	Phone #	Email
6/18/2016	318 EDWARDS, ZACH	08 - Arvada	TBD..Shane Bergman	720.695.3968	shane.bergman@tamarackconsulting...

Item Number	Description	Tax %	Qty	Price	Ext. Price
TRM102020-00	Trimble R1 GNSS Receiver	0.0%	1	2,245.00	2,245.00
TRM102015-01	POLE MOUNT POUCH FOR R1 GNSS	0.0%	1	35.00	35.00
SEC5125-00-YEL	ROVER ROD, 5/8-11,GPS, YELLOW - 2 PARTS	0.0%	1	105.95	105.95
SEC5200-160	RANGE POLE BALL SOCKET	0.0%	1	75.95	75.95
SEC5200-201	DOUBLE BALL & SOCKET LINK / 1"	0.0%	1	20.95	20.95
TRM104130-40	MAPPING CONTINENTAL VIEWPOINT RTX 1 YR. (OPTIONAL BUT RECOMMENDED)	0.0%	1	400.00	400.00
TRM47289-53	HDW EXTENSION WARRANTY FOR R1 SERIES (OPTIONAL) SHIPPING ESTIMATED. QUOTE IS GOOD FOR 30 DAYS.	0.0%	1	134.00	134.00

				<b>Subtotal</b>	<b>3,016.85</b>
				<b>Shipping Cost (Shipping)</b>	<b>35.00</b>
					<b>\$3,051.85</b>

<i>Approved By:</i>	<i>Signature:</i>
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