

**MINUTES OF A REGULAR MEETING
OF THE BOARD OF DIRECTORS
HORIZON REGIONAL M.U.D.**

A regular meeting of the Board of Directors of the Horizon Regional M.U.D. was held on Thursday July 22, 2021 at 6:00 p.m. in person and by Teleconference via Zoom. 14100 Horizon Blvd, Horizon City, Texas, pursuant to notice given in accordance with the law.

The roll was called of the members of the board, to-wit:

Gordon, Jarvis	-	President
John Whitaker	-	Vice President
Dean Hulsey	-	Treasurer
Mike Barton	-	Assistant Secretary
<i>vacant</i>	-	Secretary

Director Gordon Jarvis called the meeting to order at 6:00 p.m. A quorum was established. Also attending the meeting were the District's consultants: Inframark LLC - Michael Luft. Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, John Jansing, Adrian Briones, Tom Urrabazo, Frank Ortiz. El Paso Disposal - Lorena Quezada. Horizon Golf & Conference Center - Luis Delgadillo. Moonlight - Tulia Zepeda. City of Horizon – Terry Quezada. The Pledge of Allegiance was said with audience participation.

4. RECEIVE CITIZEN COMMUNICATIONS.

None

5. CONSENT AGENDA.

A: Consider and Take Action to approve the Minutes of Special Meeting held on April 15, 2021, Special Meeting held on April 28, 2021 and Special Meeting held on May 12, 2021.

- B: Consider and Take Action to Approve the Payment of Bills and Invoices for Operations and Construction: and to Approve the Transfer of Funds.
- C: Consider and Take Action to Approve the Financial Statement for the Month Ending May 31, 2021.
- D: Consider and Take Action to Approve the Payment of Bills and Invoices for Operations and Construction for Spray Field; and to Approve the Transfer of Funds for Spray Field # 1.
- E: Consider and Take Action on Pay Estimate No. 6 for Paseo del Este Unit 5 Water, Wastewater and Drainage Improvements.
- G: Consider and Take Action on Biglon and Duanesburg Force Main Emergency Replacement Pay Application No. 1.

Motion was made by Director Whitaker and seconded by Director Barton to approve the Consent Agenda.

After no opposition, motion was passed.

**Director Jarvis requested with permission of the Board to begin meeting with item #7 then moved to item #24.*

6. DISCUSSION ON HORIZON VIEW ESTATES SEWER PROJECT:

Discussion item only. Ms. Troncoso reported that at this time they were doing the final phase of the Environmental Certification which in part will include a public meeting with the community and need to give 30 days' notice. In conjunction with the Environmental Consultant, they are reaching out to the neighborhood representatives starting with Mr. Padilla as well as Katherine Lucero and the executive officials so everyone is aware of that meeting. Scheduling looks to be the first week of August. Mr. John Jansing added that the Texas Historical Commission reported back on the environmental information document, that they support the cultural resources survey is not necessary meaning this process may move more quickly to the design portion.

No Action Necessary.

7. **CONSIDER AND TAKE ACTION ON RESOLUTION TO SUPPORT OF HORIZON CITY PROJECT FOR RAISE GRANT.**

Mr. Alan Petrov explained this resolution is simply showing the support of the District for the City's activities with respect to the proposed development and project planning. It does not obligate the District monetarily.

Motion was made by Director Whitaker to approve the resolution to support the rising project for RAISE grant and was seconded by Director Barton.

After no opposition, motion was passed.

8. **PRESENTATION FROM MAX PRESTRIDGE FOR MOUNTAIN SHADOW LAKES 4,100 ACRES.**

Mr. Max Prestridge presented information stating he is working with Mike Mowles who's family owns the property that surrounds Mountain Shadow Lakes which is within the District. Mr. Prestridge stated Mr. Mowles wanted to see if there was any interest in purchasing that property, he is interested in selling some or all of it. Director Jarvis asked Ms. Troncoso if she had a chance to review the information and Ms. Troncoso replied they had not but does have a copy of a study that Mike Thornhill did on the lake property. Director Jarvis thanked Mr. Prestridge and said they would keep in contact.

No action necessary.

9. **CONSIDER AND TAKE ACTION ON MANAGEMENT REPORT RELATING TO MANAGEMENT AND OPERATIONAL ACTIVITIES OF THE DISTRICT.**

Mr. McGinnis presented and discussed the Water System Report for May 2021.

See attached report.

Director Whitaker made a motion to approve the Management Report relating to Management and Operational activities of the District to include collections and write offs. This was seconded by Director Barton.

After no opposition, motion was passed.

10. **CONSIDER AND TAKE ACTION ON THE ENGINEERING REPORT RELATING TO CONSTRUCTION AND ENGINEERING ACTIVITIES OF THE DISTRICT.**

Mrs. Linda Troncoso discussed and presented current service commitment applications and construction activity, then presented a summary of the Engineers Report.

See attached report.

Director Barton made a motion to approve the Engineers Report and was seconded by Director Whitaker.

After no opposition motion passed.

11. **CONSIDER AND TAKE ACTION ON MANAGEMENT REPORT RELATING TO MANAGEMENT AND OPERATIONAL ACTIVITES OF SPRAYFIELD No. 1.**

Mr. Luis Delgadillo reported the financials for May stating it was a very good month. Last year during Covid-19 they were able to open the golf course on April 29th or 30th and

it was extremely busy in the month of May as people wanted to get out and play golf. With restrictions they were still very busy. In comparison to the previous year, May 2020, the golf course made about \$1,500 more in revenue. They were almost \$18,000 ahead of budget and beat budget by about \$13,000. Expenses were right in line, year to date they are about \$150,000 ahead of budget and about \$131,000 in the black. Director Jarvis commented they needed to keep up the consistency and Mr. Delgadillo replied right now the golf course is in very good shape is doing really well.

Director Barton made a motion to approve the management report relating to management and operational activities relating to Sprayfield No. 1 and was seconded by Director Whitaker.

After no opposition motion passed.

12. **CONSIDER AND TAKE ACTION ON, IF NECESSARY, RELATING TO THE LEASE WITH MOONLIGHT P&Q, LLC.**

Ms. Zepeda reported they had sold more than expected. Director Jarvis asked Mr. Delgadillo if they had looked at the air conditioner in the banquet room and Mr. Delgadillo stated this was the first he had heard of this issue and would get in contact with Ian at Longhorn Maintenance. Director Barton asked Ms. Zepeda about the swimming pool, how it turned out after being painted. Ms. Zepeda stated it was turning green already but said they did add chlorine again and Mr. McGinnis added when he was there he backwashed it and it was flowing the way it needed to, he color coded the valves and would be getting Ms. Zepeda instructions on how to backwash and put it back in operation. Mr. McGinnis also explained she would need to constantly be adding chlorine because as hot as the weather has been and the sun hitting the pool the way it does the chlorine will just dissipate quickly. Mr. McGinnis added they still had to fix a pipe and once that is fixed they would get back on the filtration to check how it's running.

Director Barton made a motion to approve the management report relating to Moonlight P&Q LLC and was seconded by Director Whitaker.

After no opposition motion passed.

13. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 12 (FINAL) FOR SUMMER SKYSUBDIVISION WATER, WASTEWATER, AND FORCE MAIN IMPROVEMENTS.**

Director Jarvis asked if all criteria had been met and all paperwork was in order. Ms. Troncoso stated it was.

Director Whitaker made motion to approve the final pay estimate No. 12 final for Summer Sky Subdivision water, wastewater and force main improvements, this was seconded by Director Barton.

After no opposition motion passed.

14. **CONSIDER AND TAKE ACTION ON ACCEPTANCE FOR OPERATIONS AND MAINTENANCE OF SUMMER SKY SUBDIVISION WATER, WASTEWATER, AND FORCE MAIN IMPROVEMENTS.**

Director Jarvis requested a motion.

Director Whitaker made a motion to approve and was seconded by Director Barton.

No action necessary, discussion item.

15. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 12 (FINAL) FOR SUMMER SKY LIFT STATION IMPROVEMENTS.**

Director Jarvis requested a motion

Director Whitaker made a motion to approve and was seconded by Director Barton.

After no opposition motion passed.

16. **CONSIDER AND TAKE ACTION ON ACCEPTANCE FOR OPERATIONS AND MAINTENANCE OF SUMMER SKY LIFT STATION IMPROVEMENTS.**

Director Jarvis requested a motion.

Director Whitaker made a motion to approve and was seconded by Director Barton.

After no opposition motion passed.

17. **CONSIDER AND TAKE ACTION IF NECESSARY, ON REQUEST BY DIG DEEP FOR COCHRAN PARK.**

Ms. Troncoso stated they are finalizing improvement plans and will be distributed to solicit for private bidding for Dig Deep to pay for work and no action necessary.

No action necessary.

18. **CONSIDER AND TAKE ACTION ON REQUEST BY HCIA FOR SCHOOLS AND PARK PROPERTY REQUEST.**

Ms Troncoso stated no action necessary.

No action necessary.

19. **CONSIDER AND TAKE ACTION ON EMERGENCY REPAIRS OF DIGESTERS AT WWTP.**

Ms. Troncoso requested to table item to a special board meeting.

Item tabled..

20. **CONSIDER AND TAKE ACTION ON REQUEST TO THE TCEQ FOR AN EXTENSION ON TIME TO ISSUE THE DISTRICT'S BONDS AND A CHANGE IN SCOPE WITH RESPECT TO THE TCEQ'S BOND APPROVAL FOR SUCH BONDS.**

Mr. Alan Petrov stated two things needed to be done on this item. The first is TCEQ asks an extension request be made to them regarding the previous approval of the District's bond issuing. When TCEQ approves the bond issue, their approval is good for one year so for each successive year the District would need to make an application to extend that approval for another year. The District is at the point of preparing for their third issuance out of the original approval. The second part is a change in scope related to some of those funds that were originally ear marked or "capitalized interest" in the District's bond issuance.

Director Barton made a motion to request TCEQ for the extension of time of the District's bonds and a change in scope and was seconded by Director Whitaker.

After no opposition motion passed.

21. **ELECTION OF OFFICERS.**

Director Jarvis requested to hold off on this item to the next meeting when they would have their new Board Member and move forward.

Item was tabled.

22. **CONSIDER AND TAKE ACTION ON IN PERSON MEETINGS AND OPENING THE FRONT LOBBY.**

Mr. Petrov explained that the State has been lifting its restrictions and the Board was still entitled to have the virtual meetings but was seeing many of his clients go back to in-person meetings for the board meetings at least. Director Jarvis stated he would like to continue the committee meetings virtually and only have in-person meetings for the monthly regular board meetings. Director Jarvis asked if it was legal to have in-person meetings and still be able to log in online. Mr. Petrov stated it was in fact legal as long as the Governor keeps certain suspensions of the open meetings act in place.

Director Jarvis made a motion to adopt a policy of the regular monthly board meeting be in-person at the water districts office and all other committee meetings will continue to be at the discretion of each committee. This was seconded by Director Barton.

After no opposition motion was passed.

Mr. McGinnis reported there was no issue with opening the lobby to customers again since there is a glass to separate the customers and the cashiers, the only thing that would need to get done would be to limit the customers coming in. Mr. McGinnis also added that opening the lobby would help tremendously when disconnections are being done because the line for the drive-thru can stretch out to the street and may become a traffic hazard. Director Jarvis requested to have signs posted and floor markings.

Director Barton made a motion beginning July 6, 2021 the district office will open for customers inside and was seconded by Director Whitaker.

After no opposition motion was passed.

23. **CONSIDER AND TAKE ACTION ON PURCHASE OF SPARE PUMP AND PARTS FOR I-10 WELLS.**

Mr. McGinnis presented a quote that was received from WHB for getting the replacement

pump and parts needed to put a well back in service. The quote was for the amount of \$41,545.00. Mr. McGinnis also stated he had requested a quote from West Texas Waterworld but did not get a response. Mr. McGinnis asked for the Board to approve so they could have a spare pump.

Director Whitaker made a motion to approve the purchase of a spare pump and parts and was seconded by Director Barton.

After no opposition motion passed.

24. **CONSIDER AND TAKE ACTION FOR APPOINTMENT OF VACANT DIRECTOR POSITIONS.**

Director Jarvis asked Mr. McGinnis if he had received any applications and Mr. McGinnis replied the only one had been from Ms. Kit Thomas. Director Jarvis then asked if it had been reviewed to check if all was in order. Mr. McGinnis stated he had sent it to Mr. Petrov and had not received any questions on it. Mr. Petrov commented that the application did satisfy any legal requirements. Director Jarvis stated it was absolutely necessary to get membership on the Board so he nominated Kit Thomas for the vacated position of the Board of Directors to fulfill the remainder of the term that Director Moorhouse had on her term. This nomination was seconded by Director Hulsey. Director Jarvis then requested a voice vote by roll call. Director Whitaker voted Yes, Director Jarvis voted Yes, Director Hulsey voted Yes, Director Barton voted Yes. After a unanimous vote Kit Thomas will sit as position one and will continue to look for someone to take Director John Whitaker's position. Director Whitaker stated this would be his final Board Meeting.

25. **EXECUTIVE SESSION, AS NECESSARY.**

Mr. Alan Petrov did not have any items.

No Action Necessary.


26. **REPORTS AND DISCUSSION OF OTHER MATTERS THAT MAY COME BEFORE THE BOARD.**

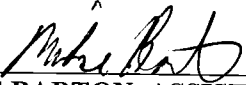
Director Jarvis stated he had a couple things to discuss the first being he wanted to ask the Board and is going to put it on next month's agenda to determine whether or not to remain active members of the Rio Grande Council of Governments. The second was Director Jarvis asked Mr. Petrov if he had an opportunity to look at the markup on the Districts information form and Mr. Petrov stated he had and would be getting back to Director Jarvis to sign.

Director Whitaker spoke and thanked the Board for allowing him to be a part of the Board.

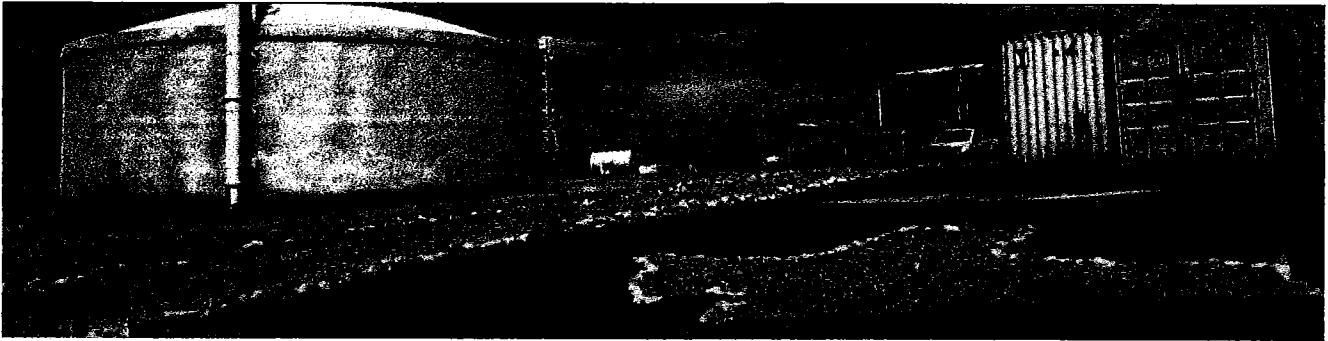
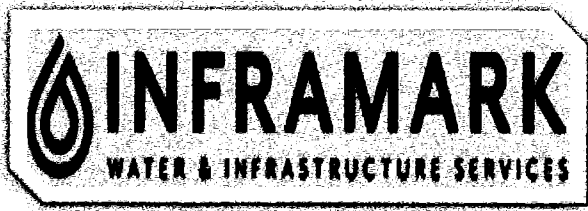
There being no further business before the Board, the meeting was upon motion made by Director Whitaker and seconded by Director Barton all in favor and carried, adjourned at 7:26 p.m.

READ, APPROVED AND ADOPTED THIS 26th DAY OF AUGUST 2021.


GORDON JARVIS, PRESIDENT
Board of Directors
Horizon Regional M.U.D.


MIKE BARTON, ASSISTANT SECRETARY
Board of Directors
Horizon Regional M.U.D.

CM/VS



**Horizon Regional MUD
General Manager Reports for the month of
June 2021**

Board Meeting Date:
July 22, 2021

Reviewed By: Carlos McGinnis

Date: 07-22-2021

A handwritten signature in black ink, appearing to be "Carlos McGinnis".



Inframark LLC
14100 Horizon Blvd, Horizon
City, TX 79928
United States
www.inframark.com

Current Items Requiring Board Approval

Vendor	Amount	WO#	Budget Amount	Description

Date: 07/22/2021

Memorandum for: Board of Director's Horizon Regional MU

From:

Subject: General Manager's Executive Summary Report

Below is a summary of activities since the last board meeting:

1) Wastewater Treatment Plant

- a) Digesters have developed a few issues with rust, contractor has looked at.
- b) We are awaiting prices for emergency repairs

2) Distribution System – Billing

- a) Replaced 100 residential meters
- b) Repaired 22 streets and 8 meter leaks

3) Collection System

- a) Bain Construction has started paving on ^{Duansberg} Duansberg and McMahon

4) Ponds

- a) Atomizers are running. E3 requested another water sample for the ponds.
- b) E3 is finalizing the Sine filters to be installed.

5) Construction

- a) Integrity Drilling has pulled off injection well.
- b) Well 10- Smithco is about finished with tie-ins.

6) Customer Care

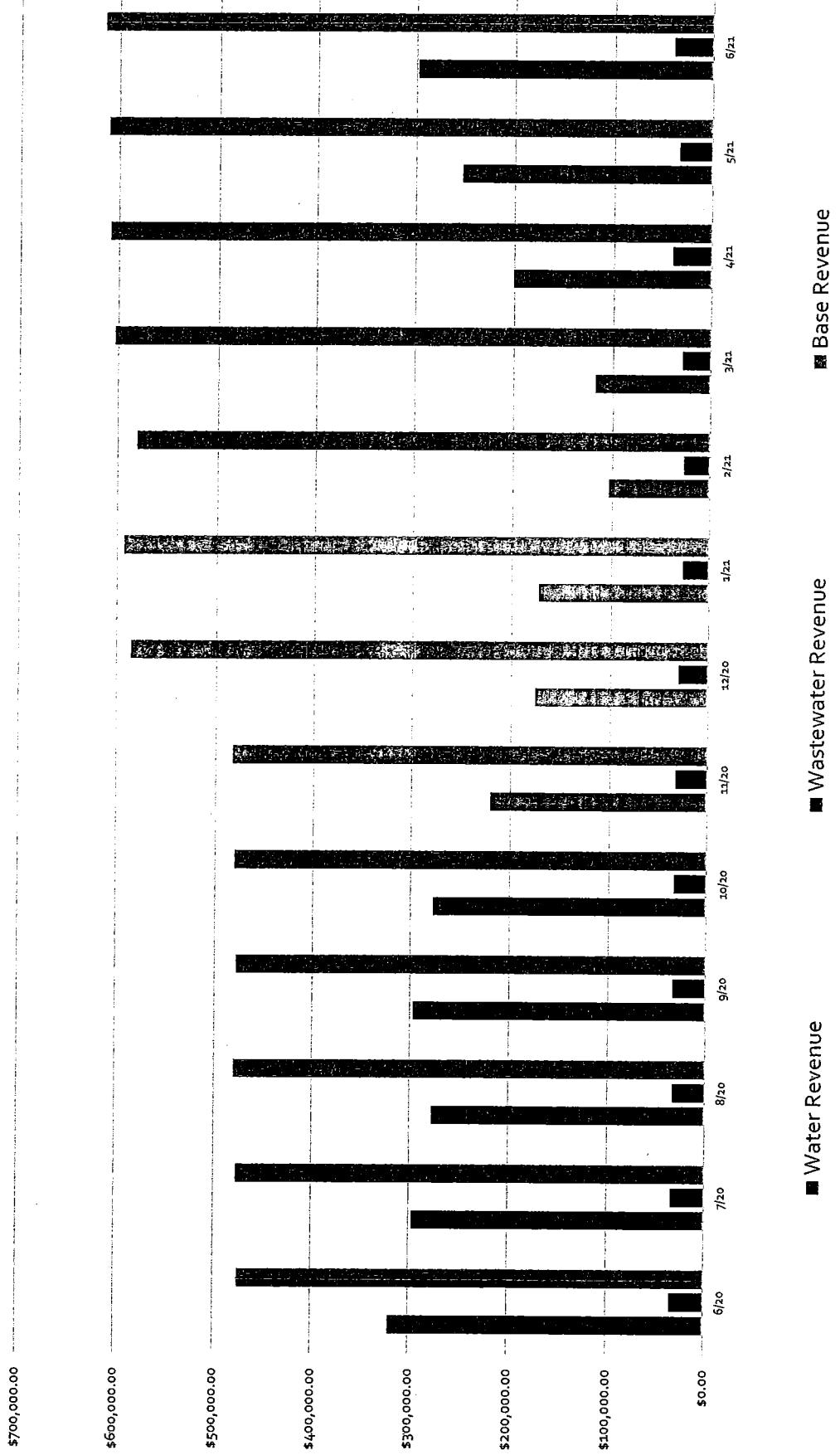
- a) Assisted 10 Customers with payment plans.
- b) 253 Disconnection were done in June.



Billing Summary

Description	Connections	
	Jun-20	Jun-21
Residential	11,238	11,688
Commercial	244	247
Irrigation	53	54
School	20	20
Municipal	16	16
Church	12	12
Bulk Meter	35	28
Total Number of Accounts Billed	11,618	12,065
	Consumption	
Residential	108,968,000	118,708,700
Commercial	5,677,700	5,835,100
Irrigation	3,894,300	5,479,800
School	670,000	910,000
Municipal	1,261,800	633,200
Church	304,700	654,000
Bulk Meter	3,027,000	1,113,000
Total Gallons Consumed	123,803,500	133,333,800
	Average Consumption	
Residential	9,696	10,156
Commercial	23,269	23,624
Irrigation	73,477	101,478
School	33,500	45,500
Municipal	78,863	39,575
Church	25,392	54,500.00
Bulk Meter	86,486	39,750
Avg Water Use for Accounts Billed	10,656	11,051
Total Billed	\$ 783,484	\$ 954,648
Total Aged Receivables	\$ 800,353	\$ 1,032,711
Total Receivables	\$ 1,583,837	\$ 1,987,359

12 Billing Month History Revenue by Category

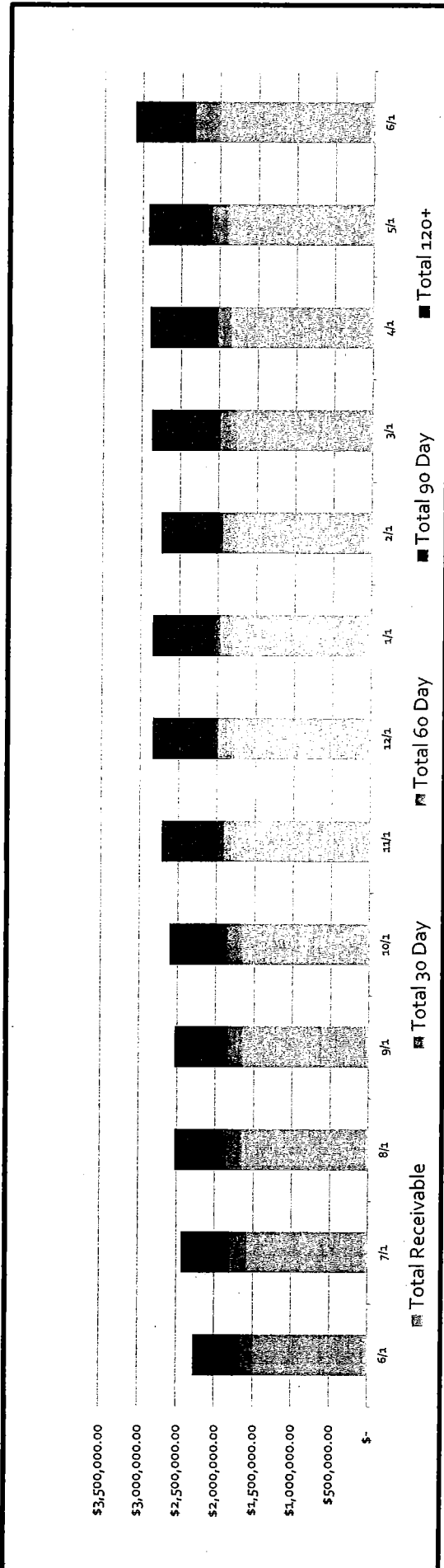


■ Water Revenue

■ Wastewater Revenue

■ Base Revenue

12 Month Accounts Receivable and Collections Report



Date	Total Receivable	Total 30 Day	Total 60 Day	Total 90 Day	Total 120+
Jun-20	\$ 1,488,042.85	\$ 161,656.90	\$ 51,852.97	\$ 26,881.26	\$ 547,222.85
Jul-20	\$ 1,583,837.79	\$ 205,305.34	\$ 59,602.81	\$ 28,489.38	\$ 556,565.69
Aug-20	\$ 1,654,021.42	\$ 192,624.45	\$ 76,918.05	\$ 30,574.26	\$ 570,116.90
Sep-20	\$ 1,640,863.30	\$ 191,779.18	\$ 82,668.00	\$ 42,641.43	\$ 575,925.87
Oct-20	\$ 1,650,141.76	\$ 203,947.29	\$ 98,625.44	\$ 49,350.25	\$ 599,167.07
Nov-20	\$ 1,729,935.25	\$ 175,058.62	\$ 106,151.43	\$ 69,194.84	\$ 629,952.91
Dec-20	\$ 1,770,411.56	\$ 207,832.94	\$ 108,237.68	\$ 71,753.10	\$ 681,133.00
Jan-21	\$ 1,786,862.11	\$ 172,835.92	\$ 101,402.21	\$ 60,325.89	\$ 726,213.52
Feb-21	\$ 1,722,490.80	\$ 214,525.76	\$ 82,699.56	\$ 53,867.48	\$ 665,301.95
Mar-21	\$ 1,766,831.02	\$ 207,653.81	\$ 91,445.80	\$ 55,281.36	\$ 751,717.92
Apr-21	\$ 1,838,972.28	\$ 171,893.21	\$ 75,000.39	\$ 49,451.85	\$ 759,714.51
May-21	\$ 1,873,653.31	\$ 221,893.33	\$ 72,858.73	\$ 33,999.47	\$ 717,874.28
Jun-21	\$ 1,987,359.25	\$ 333,419.13	\$ 84,947.49	\$ 25,810.47	\$ 667,246.17
Board Consideration to Write Off	\$86.27				
Board Consideration Collections	\$10,130.51				
Delinquent Letter Mailed	1784				
Delinquent Tags Hung	N/A				
Disconnects for Non Payment	253				

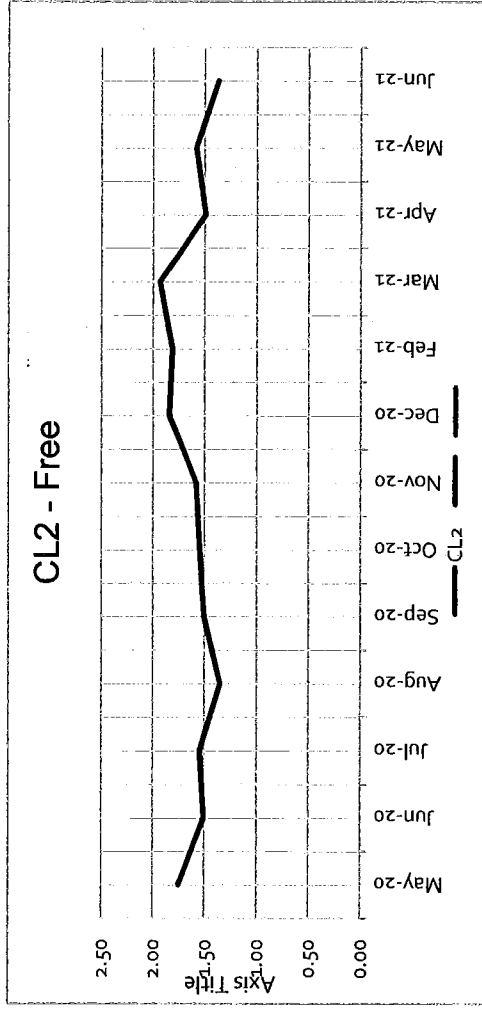


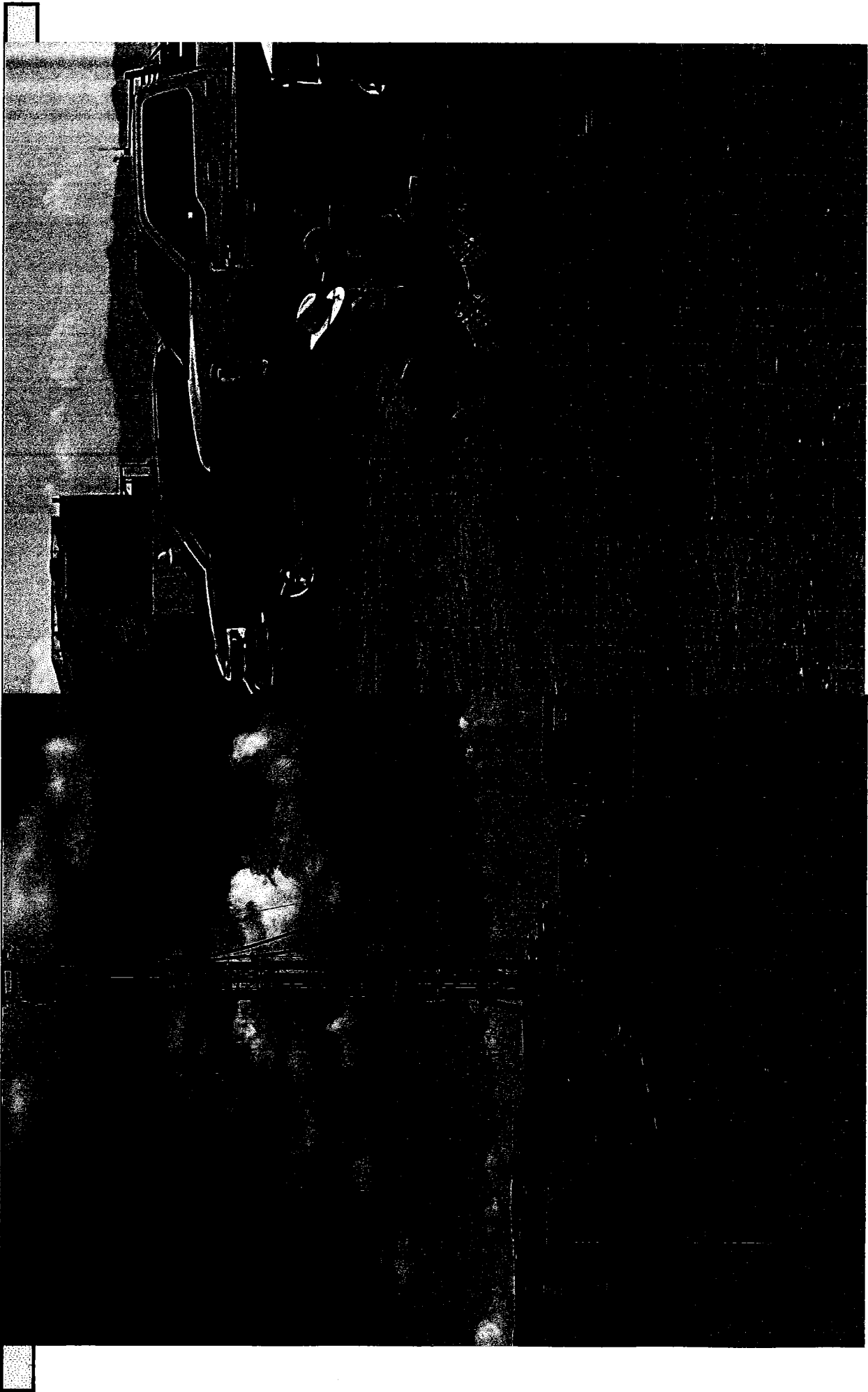
Water Production and Quality

Water Quality Monitoring

Current Annual CL2 Avg

Requirements	Min	.02	CL2
Date			
May-20			1.75
Jun-20			1.50
Jul-20			1.54
Aug-20			1.35
Sep-20			1.50
Oct-20			1.54
Nov-20			1.58
Dec-20			1.84
Feb-21			1.81
Mar-21			1.93
Apr-21			1.49
May-21			1.58
Jun-21			1.37



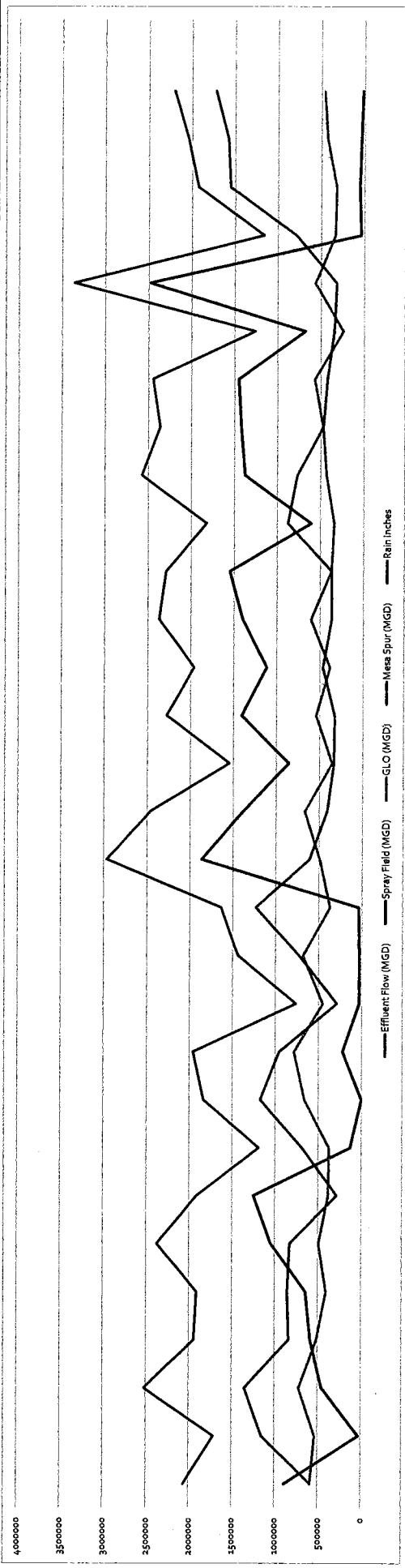


Month	Meeting Date	Connection Total	Pumped Water	Sold (1000)	Flushing/Disinfect	Gals Loss (-)	Water loss %
June 20	7/23/2020	11459	222,173	66,681	44,800	23,487	10.6%
July 20	8/27/2020	11505	221,876	94,589	45,500	32,732	9.5%
August 20	9/24/2020	11473	224,872	118,203	47,100	29,486	14.9%
September 20	10/22/2020	11568	222,230	123,920	45,000	25,130	12.4%
October 20	11/19/2020	11644	192,769	120,141	55,210	23,943	14.7%
November 20	12/17/2020	11635	188,270	124,854	50,010	18,393	13.3%
December 20	1/28/2021	11723	173,568	94,483	35,000	24,174	10.6%
January 21	2/25/2021	11724	168,294	78,265	50,010	20,283	14.4%
February 21	3/25/2021	11825	162,714	70,544	45,050	20,283	12.5%
March 21	4/25/2021	11863	160,099	72,542	45,000	15,598	9.7%
April 21	5/27/2021	11958	198,067	102,131	35,000	21,815	12.5%
May 21	6/24/2021	11994	227,874	99,048	55,200	35,315	15.5%
June 21	7/22/2021	12065	150,880	133,333	10,000	7,547	5.0%



Wastewater Production and Quality

Wastewater Flows for the Month of June 2021



Wastewater Treatment Permit Summary - Month of June 2021

	DISCHARGE	ERR.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	2.006	Yes	66.9%
Avg. Sprayfield Flow	MGD	3	0.767	Yes	25.6%
Avg. GLO Flow	MGD	3	0.485	Yes	16.2%
Avg. Mesa Spur Flow	MGD	3	0.753	Yes	25.1%
Avg. Other Flow			0.001	N/A	
Avg. cBOD	mg/L	10	7.3	Yes	
Avg. TSS	mg/L	15	10.0	Yes	
Avg. Ammonia Nitrogen NH3	mg/L	3	1.52	Yes	
Avg DO	mg/L	7.77	7.30	Yes	
E. coli Bacteria	CFU	126	25.7	Yes	
MIN. PH	STD UNITS	6.0	6.78	Yes	
MAX. PH	STD UNITS	9.0	7.49	Yes	

only applies if discharge

Monthly leak Report**June, 2021**

ADDRESS	Date	Street Leak	Meter Leak	Payment Repaired
640 Danube	6/1/2021	YES	NO	YES
14778 Shape	6/1/2021	YES	NO	YES
14308 Desert Orchid	6/3/2021	YES	NO	YES
508 Serena	6/3/2021	YES	NO	YES
517 Serena	6/4/2021	NO	YES	YES
1709 Opossum	6/4/2021	YES	NO	YES
13241 Greendale	6/7/2021	YES	NO	YES
13365 Greendale	6/7/2021	NO	YES	YES
13201 Morissey	6/8/2021	NO	YES	YES
229 Lago Maggore	6/8/2021	YES	NO	YES
232 Lago Maggore	6/9/2021	YES	NO	YES
485 Benton	6/9/2021	YES	NO	YES
14501 Calla lilly	6/10/2021	YES	NO	YES
1501 Seminole	6/10/2021	YES	NO	YES
344 Via Cumbre	6/11/2021	YES	NO	YES
13651 Horizon Blvd	6/11/2021	NO	YES	NO
448 Sand Verbina	6/14/2021	NO	YES	YES
14701 Cactus Veiw	6/14/2021	YES	NO	YES
14720 Desert View	6/15/2021	YES	NO	YES
14352 Desert Breeze	6/18/2021	NO	YES	YES
14352 Desert Shadow	6/21/2021	NO	YES	YES
14436 Desierto Lindo	6/21/2021	YES	NO	YES
291 Darrington	6/23/2021	YES	NO	YES
760 Cascada	6/23/2021	YES	NO	YES
14101 Lago Seco	6/25/2021	NO	YES	YES
13905 Desert Song	6/25/2021	YES	NO	YES
14257 Desert Fire	6/28/2021	YES	NO	NO
14288 Desert Orchid	6/29/2021	YES	NO	YES
13650 Eastlake	6/30/2021	YES	NO	NO
13400 Booty	6/30/2021	YES	NO	YES

Street Leaks 22

Meter leaks 8

Total leaks 30



Date: July 15, 2021

Re: Operations Report for June 2021

Lift Stations

<u>Barrel Cactus Lift Station</u>	Fully operational.
<u>Benton Lift Station</u>	Fully operational.
<u>Biglon Lift Station</u>	Fully operational
<u>Duanesburg Lift Station</u>	One Pump Only
<u>Ellsworth Lift Station</u>	Fully operational.
<u>El Paso Hills Lift Station</u>	Fully operational.
<u>El Paso Hills Relay Station</u>	Fully operational.
<u>El Paso Hills Lift Station #2</u>	Fully operational.
<u>Horizon Lift Station</u>	Fully operational.
<u>Kenazo Lift Station</u>	Pipe under repair
<u>Notre Dame List Station</u>	Fully operational.
<u>Manor 9 Lift Station</u>	Fully operational.
<u>Section 32 Lift Station</u>	Fully operational
<u>Veny Webb Lift Station</u>	Fully operational
<u>Woodale Lift Station</u>	Fully operational.
Hazelwood Lift Station	Fully operational
Kenazo Lift Station #2	Fully operational

Tanks

<u>GST 1</u>	Online as reserve storage for the distribution system.
<u>GST 2</u>	Online as primary pumping station and water supply for the distribution system.
<u>GST 3</u>	Online with the distribution system.
<u>GST 4</u>	Online with the distribution system. Is being used for target practice. Wood plugs For temp fix.
<u>GST 5</u>	Online with the distribution system.
<u>RWT #1</u>	Online and feeding the RO plant.
<u>EST 1</u>	Online with the distribution system.
<u>EST 2</u>	Online with the distribution system.
<u>EST 3</u>	Online with the distribution system.
<u>EST 4</u>	Online with the distribution system.

Wastewater Treatment Plant

- o 4 blowers are up and running
- o 2 are being service today.



Water Wells

All wells up and running.

Atomizers- Has been having issues with pump motors going out. Jeff (E3 Solutions) is aware and is working on it.

Pump Station 2

Fully operational

Pump Station 3

Operational.

Pump Station 4

Operational.

Pump Station 1

Operational.

RO Plant

All RO Trains are up and running. Concentrators are up.
R.O Concentrator increased 45% and less concentrate to R.O Ponds.

General

We have been doing general maintenance to all wells and lift station as well as the RO and the Wastewater Plant. Painting, Weed control.

David Munoz Maintenance Manager
Inframark



Engineering Solutions

MEMORANDUM

Via E-Mail

TO: Horizon Regional Municipal Utility District
Board of Directors

FROM: Linda Troncoso, P.E.

DATE: July 22, 2021

SUBJECT: July 22, 2021 Board Meeting
Engineer's Report
TRE Job No.: 1277-7388-54

The following is a brief summary of the major activities that TRE & Associates, LLC. (TRE) has been involved in since the District's last regular Board meeting.

Service Commitments Currently Under Review

See attached summary.

Plans Under Review

See attached summary.

Projects Under Construction

See attached summary.

Horizon City Roadway Projects

TRE is continuing to coordinate with the Town of Horizon on future roadway widening and rehabilitation projects. Regular meetings are now being held to discuss upcoming projects including the potential TIRZ and the improvements on both Darrington and Pawling/Oxbow.

County Roadway Projects

Coordination with the County and the Camino Real Regional Mobility Authority is ongoing for upcoming projects.

Elevated Storage Tanks and Water Model Update

TRE has addressed all comments from Inframark and the Town of Horizon and are only pending TxDOT approval of the plans for the 1.5 MG tank on Breaux. Plans and specifications have been approved by the TCEQ and permits and approval by the Town of Horizon are only pending TxDOT approval.

Two Water Wells for RO Supply

The pumps have been set in Well Nos. 10 and 11 and electrical installation is in the process of completion at well No. 10. Pay application No. 8 is on the agenda for approval at the meeting.

4.2 MGD RO Plant Expansion and Permit Amendment

The design survey is complete and the components for the new RO plant will be designed in conjunction with the evaluation for RO concentrate disposal. The General Permit for the RO Plant is anticipated to be approved by the TCEQ in the coming days.

RO Concentrate Disposal Management

The additional drilling of the pilot well has been completed and the test pumping is being scheduled at this time.

The existing E3 MegaMist system is operational. E3 has proposed to relocate the existing control building and install the new control building at the pond entrance to reduce salt scale. Delivery of the second E3 system will include sine filters and new motors for the existing system.

Wastewater Treatment Plant Expansion Design and Major Permit Amendment

TRE has initiated the design and is working with Inframark regarding specification, design, and integration of necessary components. The design survey is complete. The new wastewater treatment plant permit was issued on September 3, 2020.

Wheeler Well No. 8 Rehabilitation

The evaluation of this well has been approved but postponed until Well No. 10 is operational.

Duanesburg Force Main Emergency Repair

Bain Construction has installed and backfilled force main on Pawling, Duanesburg, and McMahon, and is preparing to complete the bore under Horizon Boulevard with two separate crews on site. Paving for the force main installation is ongoing. Pay Estimate No.3 is on the agenda for approval at this meeting.

Duanesburg Lift Station Rehabilitation

TRE is coordinating with Inframark and Alan Petrov to identify funding available from existing bond funds to rehabilitate the existing lift station which needs replacement of pumps, pump bases, rails, controls, and piping.

TRE & Associates, LLC

HRMUD Engineering Report
July 22, 2021
Page 3 of 3

Wastewater Treatment Plant Digester Emergency Repair

Inframark has currently taking the digester offline for the inspection. Coordination with Inframark and TRE has resulted in the recommendation to convert the existing digester to an aeration basin and with modifications to the existing basin by RM Wright.

Linda Troncoso will be at the July BOD meeting to address any questions or comments you may have regarding these and any other items.

Attachment

cc: Mr. Charlie McGinnis, General Manager; HRMUD
Mr. John M. Jansing, Jr., P.E.; TRE & Associates, LLC
Mr. Adrian H. Rosas, P.E.; TRE & Associates, LLC

TRE & ASSOCIATES, LLC (revised 7/14/21)
COMMITMENT APPLICATIONS

Job #	Job Title	Date Received	Additional Info Request	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Comments
1277-12051	Polar Services Center	6/24/2021			5	5	under review
1277-12084	Painted Desert at Mission Ridge Unit 4	7/9/2021			276	276	under review

TRE & ASSOCIATES, LLC (revised 7/14/21)
HR - CONSTRUCTION REVIEW

Job #	Job Title	Commitment Letter Released	Plans Received	Plan Comments Sent	Plan Approval	Comments
1277-11727	Horizon City Unit 64- 5 lots	5/23/2019				awaiting plan submittal
1277-11838	Horizon City Unit 91 - 22 lots	1/17/2020	12/16/2019	2/14/2020- 1st set 7/24/20 - 2nd set		awaiting revised plans
1277-11850	13300 Horizon Boulevard	2/20/2020	4/30/2020	6/3/2020		awaiting revised plans
1277-12011	Horizon Mesa Self Storage	2/17/2021	2/15/2021			under review
1277-12020	Corcoran Park Restroom	4/6/2021	3/11/2021	4/6/21 - 1st set 4/23/21 - 2nd set		awaiting revised plans
1277-12036	283 South Darrington	5/25/2021	5/17/2021	6/8/2021		awaiting revised plans
1277-12059	HC Unit 91 Blk 791- 792	6/9/2021	4/15/2021 6/29/21 2nd set	6/11/2021- 1st set 7/9/21- 2nd set		awaiting revised plans
1277-12036	283 S Darrington	6/9/2021	5/17/2021	6/8/2021		awaiting revised plans

TRE & ASSOCIATES, LLC (revised 7/14/21)
CONSTRUCTION OBSERVATION

Job #	Job Title	Plan Approval	Construction Start Date	Comments
1277-11826	Paseo del Este Unit 5	12/6/2019	11/24/2020	under construction
1277-11793	IDEA School	1/14/2020	2/24/2020	under construction
1277-11896	Rancho Desierto Bello Unit 13 Phase II	4/22/2020	2/16/2021	under construction
1277-11903	Summer Sky Unit 2	9/16/2020	6/28/2021	under construction
1277-11864	West Eastlake Estates Unit Two	3/5/2020	3/21/2021	under construction

TRE & ASSOCIATES, LLC (revised 7/14/21)
HR - APPROVED UTILITY SERVICE COMMITMENTS

Job #	Job Title	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Plan Approval	Comments
1277-11727	Horizon City Unit 64- 5 lots	5/2/2019	5	5		awaiting plan submittal
1277-11826	Paseo del Este Unit 5	12/4/2019	215	215	12/6/2019	under construction
1277-11838	Horizon City Unit 91 - 22 lots	1/17/2020	0	22		awaiting revised plans
1277-11850	13300 Horizon Boulevard	2/20/2020	64	64		awaiting revised plans
1277-11864	West Eastlake Estates Unit Two	2/24/2020	118	118	3/5/2020	under construction
1277-11896	Rancho Desierto Bello Unit 13 Phase II	5/20/2020	82	82	4/22/2020	under construction
1277-11903	Summer Sky Phase 2	5/20/2020	215	215	9/16/2020	under construction
1277-11936	Horizon City Unit 49 - 12 lots	8/24/2020	12	12	9/2/2020	awaiting acceptance
1277-12011	Horizon Mesa Self Storage	2/17/2020	3	3		under review
1277-12020	Corcoran Park Restroom	3/5/2021	1	1		under review
1277-12035	283 S. Darrington	5/25/2021	1	1		awaiting revised plans
1277-12059	HC Unit 91 Blk 791-792	6/9/2021	0	11		awaiting revised plans

TOTAL OUTSTANDING COMMITMENTS

716

749