

**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 27, 2023, at 6:00 p.m. in person 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
Dean Hulsey	-	Vice President
Florence Thomas	-	Treasurer
Mike Barton	-	Secretary
<i>vacant</i>	-	Assistant 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 Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, Frank Ortiz, Marco Meza, Ricardo Felix. Horizon Golf and Conference Center - Luis Delgadillo. P & Q Utilities - Justin Pina. Horizon View Estates - Arturo Leyva. 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 Payment of Bills and Invoices for Operations and Construction; and to approve the Transfer of Funds.
- B: Consider and Take Action to approve the Financial Statement for the month ending June 30, 2023.
- C: 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.
- D: Consider and Take Action on Pay Estimate No. 12 for Sludge Digester Repairs.
- E: Consider and Take Action on Pay Estimate No. 2 for Summer Sky North Unit One Phase II.

Motion was made by Director Thomas and seconded by Director Hulsey to approve the Consent Agenda.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

6. **CONSIDER AND TAKE ACTION FOR PROPOSAL FOR HRMUD 10<sup>TH</sup> BOND ISSUE REPORT AND APPLICATION.**

Ms. Linda Troncoso presented to the Board a proposal to prepare the application and report to TCEQ for the 10<sup>th</sup> Bond Issue in the amount not to exceed \$65 million. This is to pay for the wastewater treatment plant and remaining funds needed will be met and will be required to finish the RO plant. When the initial fund sales were done it was pre-Covid and prices are much higher now and Ms. Troncoso believes that pricing will be short for the funding of the RO Plant. In conversations with Mr. Alan Petrov and Mr. Bill Blich they discussed that the wastewater plant is at 80% capacity and although they get approval from TCEQ to sell the bonds, the District would not have to sell them immediately.

Director Hulsey made a motion to approve the proposal for the issuance of HRMUD 10<sup>th</sup> bond report and application and was seconded by Director Thomas.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

7. **DISCUSSION AND POSSIBLE ACTION REGARDING SERIES 2023 UNLIMITED TAX BONDS FOR THE RANCHO DESIERTO BELLO DEFINED AREA, INCLUDING APPROVAL OF A PRELIMINARY OFFICIAL STATEMENT; APPROVE THE ADVERTISING OF BOND SALE AND SCHEDULE FOR FINANCING AND AUTHORIZE ANY NECESSARY ACTION RELATED TO SAME.**

Mr. Alan Petrov explained this was one of the defined areas, three have been filed with TCEQ and with the defined areas the District has entered into agreements with the developers whereby the developers are paying for all the infrastructure. They have been building houses and adding tax value to the District and the agreement is that the District would then issue bonds solely dedicated to those defined areas so a tax rate would be applied solely to those defined areas and not to the District as a whole.

Director Hulsey made a motion to move forward with the process of beginning to sell bonds for Rancho Desierto Bello defined area, including approval of preliminary official statement, approve advertising of bond sale and schedule for financing and authorize ant necessary action related to the same and was seconded by Director Thomas.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

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

Mr. McGinnis presented the Management and Operations report and set new calendar.

**See attached report.**

Director Hulseley made a motion to approve the Management Report to include write offs and collections and was seconded by Director Thomas.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

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

Ms. Linda Troncoso discussed and presented the current service commitment applications and construction activity, then presented a summary of the Engineer's Report.

**See attached report.**

Director Hulseley made a motion to approve the Engineering Report relating to construction and engineering activities and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

**10. CONSIDER AND TAKE ACTION ON MANAGEMENT REPORT RELATING TO MANAGEMENT AND OPERATIONAL ACTIVITIES OF SPRAY FIELD No. 1.**

Mr. Luis Delgadillo presented the Management and Operations report for Spray Field No.1. He stated for the month of June they did \$56,000.00 in revenue overall with a few expenses that they were hit with. The golf course lost \$31,000.00 and was supposed to make \$45,000.00. Year to date budgeted \$138,000.00 and are \$102,000.00 in the black. Mr. Delgadillo reported the greens are looking good and would be opening the golf course back up next week after renovations.

Director Thomas made a motion to approve the report relating to management and operational activities of Spray Field No. 1 and was seconded by Director Hulsey.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

**\*Director Jarvis requested to go into Executive Session at 6:33 pm.  
\*Back from executive session at 6:50 pm.**

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

Mr. Justin Pina handed out the sales report from June 1<sup>st</sup> to July 1<sup>st</sup> to the Board of Directors. He reported their total net sales were \$82,766.96 and along with the golf course had also taken a big hit because of the greens. He stated last year they made easily over \$100,000.00 and that was the end of his report then asked if the Board had any questions. Director Jarvis asked how much over \$100,000.00 they were because the Board never saw any event that reflected sales over \$100,000.00. Mr. Pina answered and said he was not sure; he was going to have to double check because he did not bring the paper with him and said he would get that information for the Board. Mr. Pina also stated they had just switched computer systems and would have to go into the old system to find it. Mr. Pina stated he didn't know if it was exactly \$100,000.00 maybe was \$99,000.00 but knew their sales were a lot better last year at this time. Director Barton advised Mr.

Pina they had scheduled a Restaurant Committee Meeting on August 16<sup>th</sup>, 2023, at 4:00 pm so he may provide the information. Director Hulsey added he would like to see May, June & July reports from last year and this year. Mr. Pina stated he would mark it on his calendar and would make sure someone was there.

Director Hulsey made a motion to approve the report from Moonlight P & Q LLC and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

12. **CONSIDER AND TAKE ACTION ON SPARE PUMP FOR EL PASO HILLS LIFT STATION.**

Mr. McGinnis requested item be tabled.

Item tabled.

13. **CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 1 FOR HORIZON BLVD 16" WATERLINE REPLACEMENT PROJECT.**

Ms. Troncoso explained this change order is the first for the Horizon Blvd project and is an increase of 90 linear feet of boring, based on some electric poles and other things in the field but is also had a deduct for the installation of the pipeline associated with trenching. So, in total was an addition of \$59,400.00 at the contract price of \$660.00 per linear foot for the bores and a deduct of \$12,609.00 for the installation of pipe so an increase total amount of \$46,791.00.

Director Hulsey made a motion to approve change order No. 1 in the amount of \$46,791.00 and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

**14. CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 7 FOR SLUDGE DIGESTER REPAIRS.**

Ms. Troncoso explained this change order was for a fourth pipe repair charge that was missed last month when there were three pipe repairs presented to the Board. It is in the amount of \$7,403.00.

Director Hulseley made a motion to approve change order No. 7 in the amount of \$7,403.00 for the sludge digester repairs and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

**15. CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 19 (final) FOR ELEVATED STORAGE TANK No. 5.**

Ms. Troncoso reported the project is complete and has been verified and recommends final pay estimate to be approved and paid.

Director Hulseley made a motion to approve pay estimate No. 19 and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

**16. CONSIDER AND TAKE ACTION ON ACCEPTANCE OF ELEVATED STORAGE TANK No. 5 FOR OPERATIONS AND MAINTENANCE.**

Ms. Troncoso explained this was the acceptance of the previous item.

Director Hulseley made a motion to accept Elevated Storage Tank No. 5 for operations and maintenance and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

**17. CONSIDER AND TAKE ACTION ON TWDB PROJECT FOR HORIZON VIEW ESTATES EASEMENT FOR SEWER MAIN.**

Ms. Troncoso reported and discussed to the Board and to Mr. Arturo Leyva the last remaining item to get approval to proceed with the engineering design is a letter the Texas Water Development Board (TWDB) has requested of the Board stating they will be willing to fund an easement if necessary to be able to effectuate the installation of the sewer. Ms. Troncoso stated she reached out to the property owner Mike Mowles and his business partners who developed Horizon View Estates Unit 25 and he said he'd be happy to work with the District on an easement, that they may just give the District the property of deed over the property so the District owns that walkway in feet and instead of funds they can work out a trade. Part of item 17 is for the Board to sign a letter stating they are willing to acquire the easement and pay (if necessary) and that will get the final approval to start the design. Mr. Leyva asked what property is required and Ms. Troncoso responded that the sewer would drain to the south and there's going to be a line in the walkway and ultimately that walkway will connect to the existing wastewater system. Mr. Leyva then asked what the process was for getting the easement and how long is that



application going to take? Ms. Troncoso replied to him that the property owner is already willing to work with the District and in the year/ year and a half it takes to do the design and apply for grant funding for the construction the paperwork will be taken care of.

Director Hulsey made a motion to approve the letter confirming debt, HRMUD will acquire those easements as necessary for the project and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

**18. CONSIDER AND TAKE ACTION ON AWARD OF BID FOR GST 1 REHABILITATION PROJECT.**

Ms. Troncoso presented a recommendation of award to Maguire Iron Inc. in the amount of \$379,000.00 after receiving four bids this being the lowest. Ms. Troncoso added Maguire Iron was referred to them but their inspector.

Director Hulsey made a motion to award the bid for GST 1 rehabilitation project to Maguire Iron in the amount of \$379,000.00 and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

19. **CONSIDER AND TAKE ACTION TO ADOPT RESOLUTION IMPLEMENTING PENALTY FOR DELINQUENT 2023 TAXES AND CONTRACTING WITH ATTORNEYS TO COLLECT DELINQUENT TAXES FOR RAVENNA LLC.**

Mr. Alan Petrov suggested the Board of Directors take up items 19, 20, 21, 22 and 23 being as they are essentially the same thing. Mr. Petrov explained these were for the defined areas are now levying taxes and collecting taxes and Mr. McGinnis has reported all have been paying but eventually people don't pay so they have delinquent tax attorneys that collect delinquent taxes. Mr. Petrov stated years ago the District adopted the state authorized 20% penalty if someone doesn't pay the property tax and that pays the cost of the delinquent attorneys collection fees. The tax assessor's office contacted Mr. Petrov's office and said they needed to have this authorized for the defined areas should anyone fall delinquent and need to contact the delinquent tax attorneys. Mr. Petrov explained these orders authorize the additional 20% delinquent fee on property taxes should somebody be delinquent in paying property taxes.

Director Hulsey made a motion to adopt a resolution implementing penalty through delinquent 2023 taxes and contracting with attorneys to collect delinquent taxes for Raveena LLC and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

20. **CONSIDER AND TAKE ACTION TO ADOPT RESOLUTION IMPLEMENTING PENALTY FOR DELINQUENT 2023 TAXES AND CONTRACTING WITH ATTORNEYS TO COLLECT DELINQUENT TAXES FOR RANCHO DESIERTO BELLO.**

Discussion included in item 19.

Director Hulsey made a motion to adopt a resolution implementing penalty through delinquent 2023 taxes and contracting with attorneys to collect delinquent taxes for Rancho Desierto Bello and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

21. **CONSIDER AND TAKE ACTION TO ADOPT RESOLUTION IMPLEMENTING PENALTY FOR DELINQUENT 2023 TAXES AND CONTRACTING WITH ATTORNEYS TO COLLECT DELINQUENT TAXES FOR HUNT PROPERTIES.**

Discussion included in item 19.

Director Hulsey made a motion to adopt a resolution implementing penalty through delinquent 2023 taxes and contracting with attorneys to collect delinquent taxes for Hunt Properties and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

22. **CONSIDER AND TAKE ACTION TO ADOPT RESOLUTION IMPLEMENTING PENALTY FOR DELINQUENT 2023 TAXES AND CONTRACTING WITH ATTORNEYS TO COLLECT DELINQUENT TAXES FOR RAVENNA II-SUMMER SKY.**

Discussion included in item 19.

Director Hulsey made a motion to adopt a resolution implementing penalty through delinquent 2023 taxes and contracting with attorneys to collect delinquent taxes for Ravenna II-Summer Sky and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

23. **CONSIDER AND TAKE ACTION TO ADOPT RESOLUTION IMPLEMENTING PENALTY FOR DELINQUENT 2023 TAXES AND CONTRACTING WITH ATTORNEYS TO COLLECT DELINQUENT TAXES FOR HUNT COMMUNITIES.**

Discussion included in item 19.

Director Hulseby made a motion to adopt a resolution implementing penalty through delinquent 2023 taxes and contracting with attorneys to collect delinquent taxes for Hunt Communities and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

24. **CONSIDER AND TAKE ACTION REGARDING AN ELECTION FOR ANNEXATION OF COCHRAN COLONIAS.**

Mr. Alan Petrov explained when the District approved the petition for annexation for the Cochran Mobile Home Park, the next step would be to have the voters in the area to levy taxes and issue bonds in that area on the same basis as the rest of the District. If authorized Mr. Petrov stated, they would work with the County to get them to set up an election in November in that specific area.

Director Hulsey made a motion to approve beginning the process for election for annexation of the Cochran Colonias and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

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

Executive session taken before item # 11 at 6:33 pm and ended at 6:50 pm.

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

Ms. Linda Troncoso reported she received the settlement agreement from Mr. Dorfman and she has contacted the contractor and will be reaching out to Mr. Egan's attorney to facilitate a site walk with the contractor, Mr. Egan and the District.

There being no further business before the Board, the meeting was upon motion made by Director Hulsey and seconded by Director Barton all in favor and carried, adjourned at 7:15 p.m.

**READ, APPROVED AND ADOPTED THIS 26<sup>th</sup> DAY of October 2023.**



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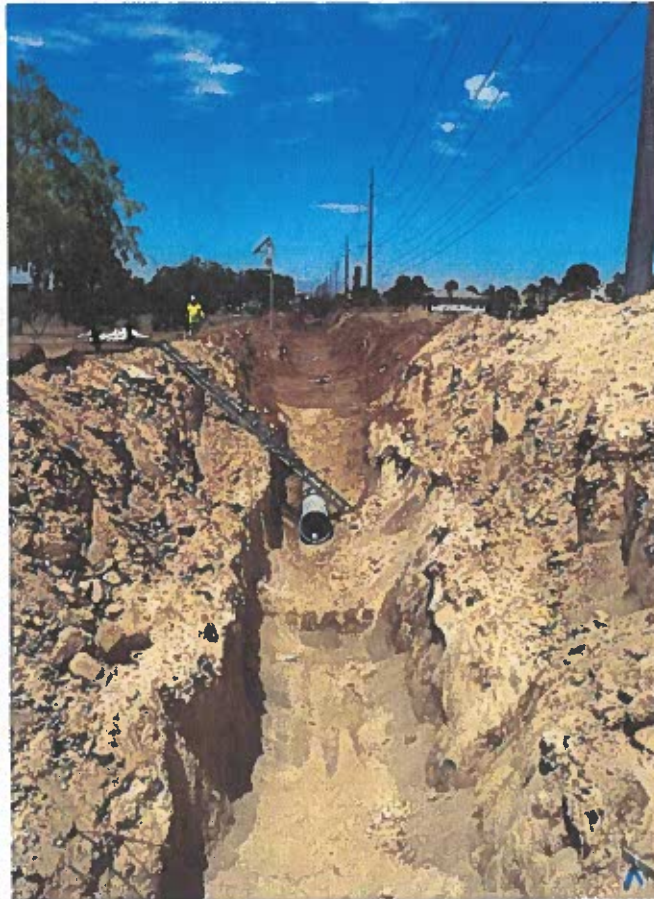
**GORDON JARVIS, PRESIDENT**  
**Board of Directors**  
**Horizon Regional M.U.D.**



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

**CM/VS**



**Horizon Regional MUD  
General Manager Reports for the month of  
June 2023  
Board Meeting Date: 7-27-2023**

Reviewed By: Carlos McGinnis

7/27/2023



Inframark LLC  
14100 Horizon Blvd, Horizon  
City, TX 79928  
United States  
[www.inframark.com](http://www.inframark.com)

## Current Items Requiring Board Approval

Vendor	Amount	WO#	Budget Amount	Description

**Date:** 7/27/23

**Memorandum for:** Board of Director's Horizon Regional MU

**From:** Charlie McGinnis

**Subject:** General Manager's Executive Summary Report

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

### 1) Wastewater Treatment Plant

- a) Digester repairs are ongoing
- b) Have been adjusting flows daily to limit peak flow to Mesa Spur drain
- c)

### 2) Distribution System – Billing

- a) Using new Meters for change outs and new connections
- b) Replaced Gate Valves on Darrington and Rosyln and Paisley
- c) Leak report is attached

### 3) Collection System

- a) Lift Stations are all operational.
- b)



**4) Ponds**

- a) RO Ponds are holding.
- b)

**5) Construction**

- a) Construction on 16" water line on Horizon is ongoing.
- b)

**6) Customer Care**

- a) Assisted 8 Customers with payment plans.
- b) 113 Disconnections were done.

**7) Moonlight Lease**

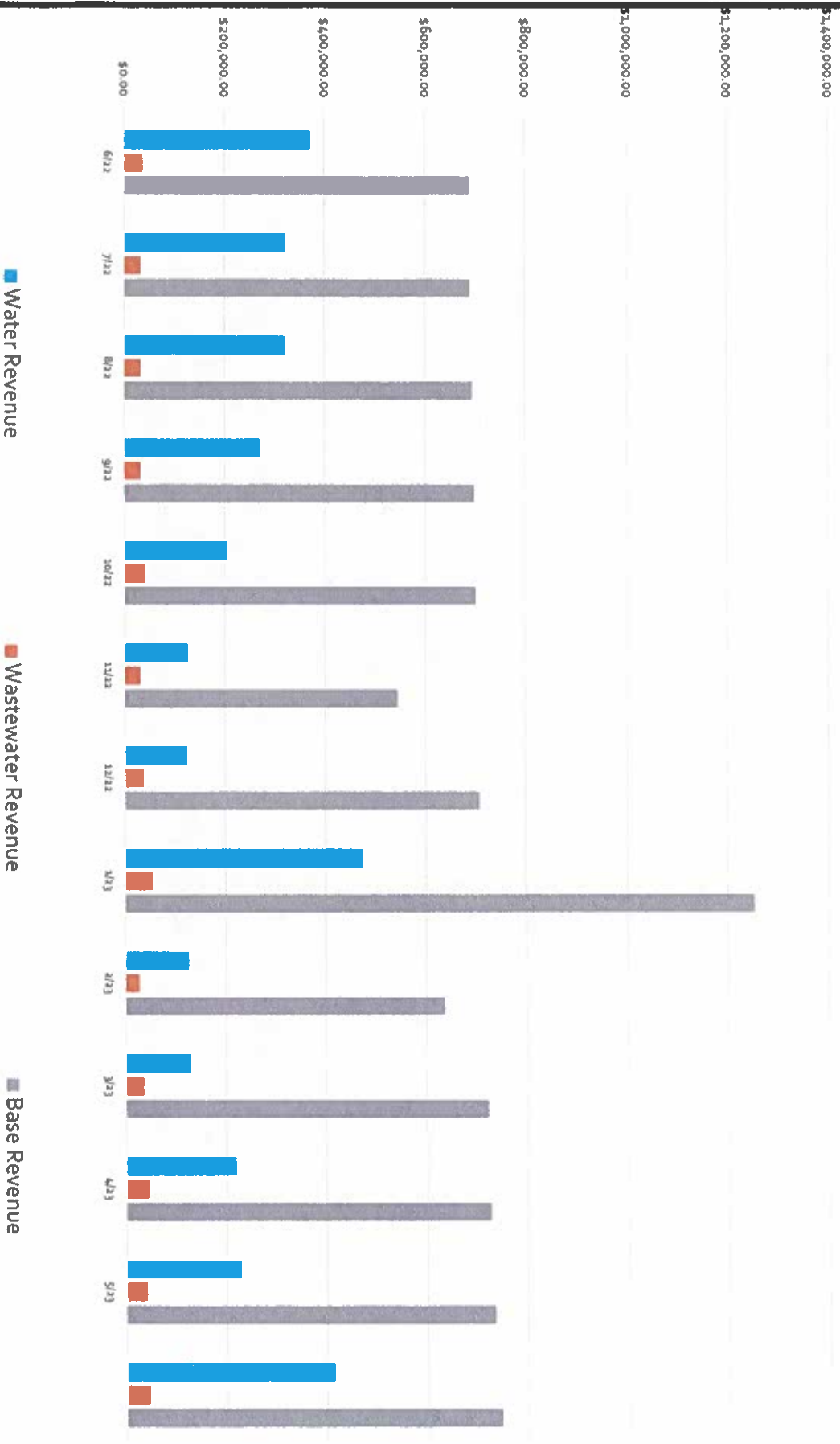
- a) July payment was received on July 25 but late fees was not paid

Billing Summary

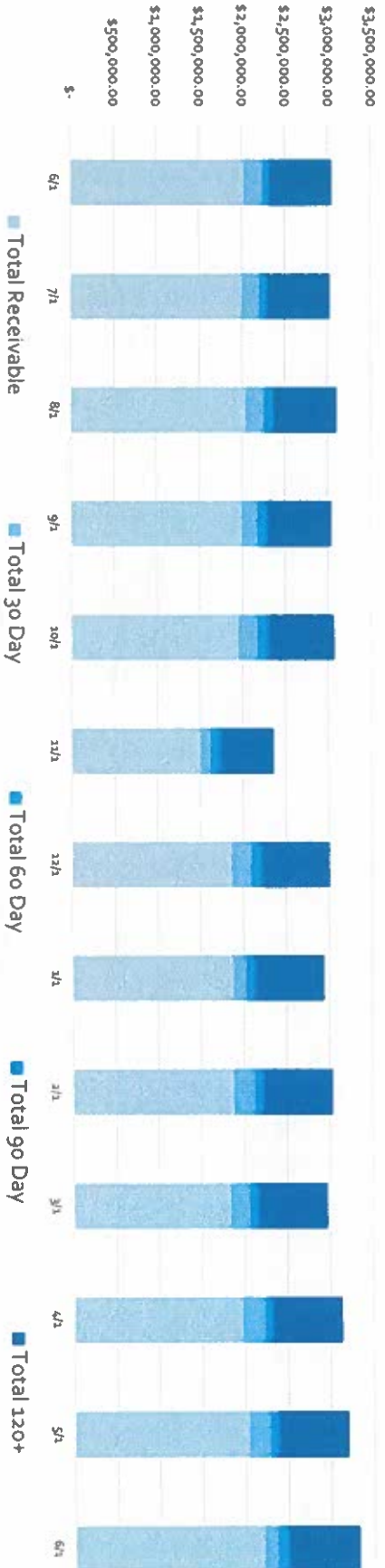
Description	Connections	
	Jun-22	Jun-23
Residential	12,532	13,284
Commercial	248	255
Irrigation	56	71
School	23	24
Municipal	16	18
Church	12	12
Bulk Meter	34	28
<b>Total Number of Accounts Billed</b>	<b>12,921</b>	<b>13,692</b>
	<b>Consumption</b>	
Residential	103,681,000	114,359,000
Commercial	7,226,700	5,359,400
Irrigation	12,462,000	13,322,300
School	1,422,500	1,395,000
Municipal	2,810,000	3,920,700
Church	72,900	85,500
Bulk Meter	2,196,500	2,587,700
<b>Total Gallons Consumed</b>	<b>129,871,600</b>	<b>141,029,600</b>
	<b>Average Consumption</b>	
Residential	5,556	8,609
Commercial	15,474	21,017
Irrigation	23,596	187,638
School	13,395	58,125
Municipal	11,900	217,817
Church	11,267	7,125.00
Bulk Meter	51,359	92,418
<b>Avg Water Use for Accounts Billed</b>	<b>10,051</b>	<b>10,300</b>
<b>Total Billed</b>	<b>\$ 1,099,115</b>	<b>\$ 1,210,244</b>
<b>Total Aged Receivables</b>	<b>\$ 921,505</b>	<b>\$ 1,006,271</b>
<b>Total Receivables</b>	<b>\$ 2,020,620</b>	<b>\$ 2,216,515</b>



### 12 Billing Month History Revenue by Category



## 12 Month Accounts Receivable and Collections Report



Date	Total Receivable	Total 30 Day	Total 60 Day	Total 90 Day	Total 120+
Jun-22	\$ 2,020,620.48	\$ 228,445.16	\$ 67,429.82	\$ 16,754.16	\$ 720,798.42
Jul-22	\$ 2,000,354.05	\$ 209,579.87	\$ 72,184.90	\$ 18,543.31	\$ 728,479.80
Aug-22	\$ 2,045,034.85	\$ 215,254.55	\$ 192,801.96	\$ 86,437.91	\$ 731,095.98
Sep-22	\$ 1,989,749.11	\$ 192,801.96	\$ 229,150.80	\$ 94,129.34	\$ 738,023.86
Oct-22	\$ 1,953,972.50	\$ 229,150.80	\$ 119,949.92	\$ 81,588.41	\$ 620,670.19
Nov-22	\$ 1,506,346.43	\$ 1,884,893.63	\$ 234,982.89	\$ 85,320.88	\$ 778,877.88
Dec-22	\$ 1,881,203.33	\$ 151,491.07	\$ 83,009.17	\$ 33,024.33	\$ 792,288.63
Jan-23	\$ 1,880,020.19	\$ 252,680.89	\$ 78,856.08	\$ 21,919.65	\$ 800,043.52
Feb-23	\$ 1,837,092.90	\$ 229,234.52	\$ 78,427.61	\$ 21,626.67	\$ 800,065.06
Mar-23	\$ 1,970,103.48	\$ 265,646.23	\$ 74,047.25	\$ 21,941.54	\$ 804,576.93
Apr-23	\$ 2,042,394.48	\$ 251,312.28	\$ 82,409.32	\$ 22,761.10	\$ 806,370.67
May-23	\$ 2,216,515.91	\$ 162,108.96	\$ 101,848.33	\$ 27,295.59	\$ 817,298.94

Board Consideration to Write Off  
 Board Consideration Collections

Delinquent Letter Mailed  
 Delinquent Tags Hung  
 Disconnects for Non Payment

985  
 N/A  
 113





**INFRA MARK**  
WATER & INFRASTRUCTURE SERVICES

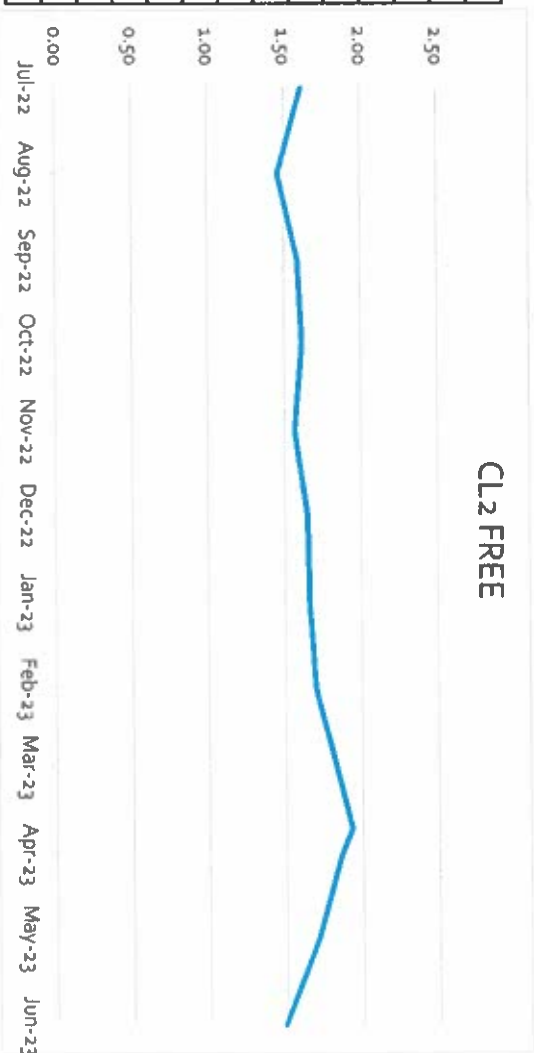
**Water Production and Quality**



**Water Quality Monitoring**

Current Annual CL2 Avg

Requirements	Min .02		
Date	CL2		
Jun-22	1.52		
Jul-22	1.62		
Aug-22	1.46		
Sep-22	1.59		
Oct-22	1.62		
Nov-22	1.57		
Dec-22	1.65		
Jan-23	1.66		
Feb-23	1.70		
Mar-23	1.93		
Apr-23	1.86		
May-23	1.71		
Jun-23	1.49		

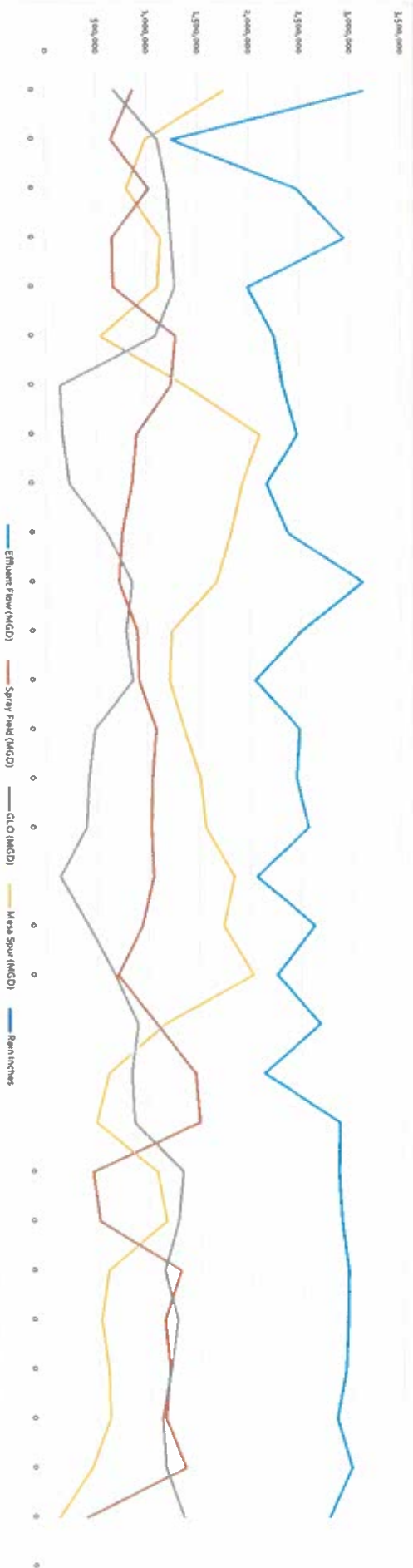




Month	Month	Connection Total	Pumped Water	Sold (1000)	Flushing/District ¢	Gals. Loss (-)	Water loss %
June 22	7/30/2022	12956	154,724	122,468	30,500	10,001	6.0%
July 22	8/25/2022	13069	119,789	115,234	22,000	10,256	6.6%
August 22	9/22/2022	12909	112,123	107,704	2,000	2,555	2.0%
September 22	10/27/2022	13133	154,724	122,468	2,000	2,419	2.0%
October 22	11/30/2022	13150	117,209	91,389	22,000	10,256	6.6%
November 22	12/15/2022	13298	93,265	64,975	14,000	12,000	10.0%
December 22	1/23/2023	13371	112,357	75,692	27,000	9,665	8.0%
January 23	2/23/2023	13371	133,617	81,006	35,000	17,611	13.0%
February 23	3/23/2023	13424	115,355	72,266	32,000	11,089	9.0%
March 23	4/27/2023	13509	128,475	82,549	33,000	12,926	10.0%
April 23	5/25/2023	13536	120,193	104,443	10,000	5,750	4.0%
May 23	6/29/2023	13627	119,067	107,864	9,000	2,203	2.0%
June 23	7/27/2023	13692	149,501	141,029	5,500	2,972	2.0%



Wastewater Flows for the Month of June 2023





### Wastewater Treatment Permit Summary - Month of June 2023

	DISCHARGE	EFF.	ACTUAL	COMPLIANT	PERCENT
Avg Treated Flow	MGD	3	2,560	Yes	84.7%
Avg Sprayfield Flow	MGD	3	0.960	Yes	32.0%
Avg GLO Flow	MGD	3	0.839	Yes	28.0%
Avg Mesa Spur Flow	MGD	3	1.170	Yes	39.0%
Avg Other Flow	mg/L	10	-0.429	N/A	
Avg TSS	mg/L	15	10.4	Yes	
Avg Ammonia Nitrogen NH3	mg/L	3	0.77	Yes	
Avg DO	mg/L	10	8.50	Yes	
E. coli Bacteria	CFU	126	6.3	Yes	
MINI. PH	STD UNITS	6.0	6.89	Yes	
MAX. PH	STD UNITS	9.0	8.11	Yes	

only applies if discharge

# Inframark

## Leak Report For June

July/26//2023

Address	Date	Street	Meter	Repaired	Comments
14264 Escalera	6/2/2023	X		X	Replaced with copper
13561 Inspiration	6/5/2023		X	X	Replaced with PVC
14461 Achim	6/5/2023		X	X	Replaced with copper
14319 Lago Di Garda	6/5/2023		X	X	Replaced with copper
14529 Hendrik	6/5/2023		X	X	Replaced with copper
14525 Hendrik	6/5/2023		X	X	Replaced with copper
14324 Lago Di Garda	6/5/2023		X	X	Replaced with PVC
14423 Lago Di Garda	6/5/2023		X	X	Replaced with copper
1494 Coronel	6/6/2023	X	X	X	Replaced with copper
1485 Coronel	6/6/2023		X	X	Replaced with copper
1690 Green Pear	6/6/2023	X		X	Replaced with copper
14241 Desert Ash	6/7/2023	X		X	Replaced with copper
14440 Corby	6/12/2023	X		X	Replaced with PVC
13941 Roslyn	6/12/2023		X	X	Replaced with copper
13801 Paseo Central	6/12/2023		X	X	Replaced with copper
13791 Horizon	6/19/2023			X	Replaced with copper
13601 Ryderwood	6/19/2023	X	X	X	Replaced with PVC
14651 Horizon	6/19/2023		X	X	Replaced with PVC
725 Desert Silver	6/19/2023	X		X	Replaced with copper
624 Desert Silver	6/19/2023	X		X	Replaced with copper
1486 Coronel	6/19/2023	X		X	Replaced with copper
14255 Desert sunset	6/20/2023	X		X	Replaced with copper
216 Dora Baltea	6/20/2023	X		X	Replaced with copper
14300 Lago D Garda	6/20/2023	X		X	Replaced with copper
13413 Borcana	6/21/2023	X		X	Replaced with copper
14457 Desert Sage	6/21/2023	X		X	Replaced with copper
14524 Desierto Lindo	6/21/2023	X		X	Replaced with copper
14625 Hendrick	6/22/2023	X		X	Replaced with copper
14780 Kerthwood	6/16/2023	X		X	Replaced with copper
13713 Paseo De Fe	6/26/2023	X		X	Replaced with copper
731 Agua Azul	6/26/2023		X	X	Replaced with copper
636 Agua Clara	6/26/2023	X		X	Replaced with copper
616 De Bartolo	6/26/2023	X		X	Replaced with copper
15331 S. Kenazo	6/26/2023	X		X	Replaced with copper
733 Cora rueker	6/20/2023	X		X	Replaced with copper
708 Benfield	6/27/2023	X		X	Replaced with copper
					Street Leaks 23
					Meter Leaks 13
					Total 36

**Date: 7/19/2023**

**Re: Operations Report for June ,2023**

**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>	Fully operational
<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>	Fully operational.
<u>Notre Dame List Station</u>	Fully operational
<u>Manor 9 Lift Station</u>	Fully operational.
<u>Section 32 Lift Station</u>	VFD not working/one pump running/VFD has been ordered. ✓
<u>Veny Webb Lift Station</u>	Fully operational
<u>Woodale Lift Station</u>	Fully operational.
<u>Kenazo Lift Station #2</u>	Fully operational
<u>Summer Sky Lift station</u>	Fully operational
<u>Hazlewood Lift Starion</u>	Fully operational
<u>Desert Point Lift Station</u>	Fully operational
<u>Holley spirit Lift station</u>	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.
<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.
<u>EST 5</u>	Online with the distribution system.

## Wastewater Treatment Plant

- 5 blowers are up and running.  
Hauled 20 loads of sludge.
- GLO operational
- GC operational

## Water Wells

Well 1 operational.  
Well 2 operational  
Well 3 operational  
Well 4 operational  
Well 5 operational  
Well 6 operational  
Well 7 operational / high TDS  
Well 8 operational  
Well 10 operational  
Well 11 operational / high TDS

## Pump Station 2

No change in status. *operational*

## Pump Station 3

Operational.

## Pump Station 4

Operational.

## Pump Station 1

Operational.

## RO Plant

Operational

RO A, B, C, and D. Trains are up and running. Concentrators are up.

## General

Replaced valves on Dorrington and Roslyn / Paisley and Darrington

Aldo Navarrete, Operations Manager.



Engineering Solutions

## MEMORANDUM

Via E-Mail

**TO:** Horizon Regional Municipal Utility District  
Board of Directors

**FROM:** Linda Troncoso, P.E.

**DATE:** July 27, 2023

**SUBJECT:** July 27, 2023 Board Meeting  
Engineer's Report  
TRE Job No.: 1277-7388-54

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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. The 16-inch Horizon Blvd transmission main from Ashford to North Kenazo is ongoing and Change Order No. 1 is on the agenda for approval at this BOD meeting.

Bids were received by TxDOT for the Darrington Rehabilitation project on Tuesday, June 27, 2023, with Jordan-Foster Construction as the apparent low bidder. Construction is anticipated to begin in January 2024.

### 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**

The EST-5 Construction is nearly complete, and the tank is currently online with the system. Pay Estimate Numbers 19 and the Recommendation for Acceptance for operations and maintenance are on the agenda for approval at this BOD meeting.

#### **4.2 MGD RO Plant Expansion and Permit Amendment**

TRE is currently working on the layout and sequencing, building and electrical configurations for the new plant and existing facility modifications. Inframark and TRE toured and met with operators of a pulse RO system in early May to review proposed components and discuss operations. The rezoning process with the Town is on the City Council agenda for approval on August 8 for the existing RO plant site. In addition, TRE is meeting with the equipment supplier and Inframark staff on August 9 at the RO Plant to review the components and layout.

#### **RO Concentrate Disposal Management**

The additional supplemental data was submitted to the TCEQ in May and is currently in engineering review with comments pending.

#### **Wastewater Treatment Plant Expansion Design and Major Permit Amendment**

TRE is underway with the design for the WWTP to be expanded at the current treatment plant location. The site layout is being designed at this time to accommodate future expansions (up to 7.0 MGD) and is coordinating with Inframark regarding the specification of individual plant components. TRE has also submitted the WWTP permit renewal to the TCEQ for the existing site, including all additional testing results. The existing permit expires February 4, 2024.

#### **Wastewater Treatment Plant Digester Emergency Repair**

Digester A is back in service. Repairs on Digester B have begun. Change Order No. 7 and Pay Application No. 12 are on the agenda for approval at this meeting.

#### **Horizon Boulevard 16-inch Waterline – RO Plant to GST4B**

TRE has initiated the route study and is currently coordinating with the surveyor for the topographic survey and field data collection.

HRMUD Engineering Report  
July 27, 2023  
Page 3 of 3

**GST4 Rehabilitation**

The project has been awarded but the contractor was unable to mobilize to begin the rehabilitation until mid-June, therefore the rehab has been delayed until September, after peak season. All submittals and materials are being reviewed and approved at this time.

**GST1 Rehabilitation**

Bids were received July 18, 2023 and the Recommendation for Award is on the agenda for the BOD meeting. The rehabilitation work will occur between October 1, 2023 and March 15, 2024.

Linda Troncoso and Frank Ortiz will be at the July 27th 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 7/18/23)**  
**COMMITMENT APPLICATIONS**

<b>Job #</b>	<b>Job Title</b>	<b>Date Received</b>	<b>Additional Info Request</b>	<b>Commitment Letter Released</b>	<b>Committed LUE's WW</b>	<b>Committed LUE's Wtr</b>	<b>Comments</b>
1277-12376	13973 Kentwood	6/1/2023		7/7/2023	0	1	Approved
1277-12396	288 Vermillion	6/28/2023		7/11/2023	0	1	Approved



**TRE & ASSOCIATES, LLC (revised 7/18/23)**  
**HR - CONSTRUCTION REVIEW**

Job #	Job Title	Commitment Letter Released	Plans Received	Plan Comments Sent	Plan Approval	Comments
1277-12262	355 Asencion	7/27/2022				awaiting plan submittal
1277-12288	Kenazo Estates Unit Two	9/28/2022	9/28/2022 1st 11/1/22 2nd 02/02/2023 3rd 03/29/2023 4th 6/5/2023 5th	10/13/22 1st set 11/22/22 2nd set 2/26/23 3rd set 4/28/2023 4th set	6/16/2023	Approved
1277-12329	14861 Houma Ave	1/20/2023				awaiting plan submittal
1277-12304	15071 Alberton Ave	11/9/2022				awaiting plan submittal
1277-12333	Albertson's	2/21/2023	2/1/2023	3/6/2023		awaiting revised plans
1277-12341	Market at Darrington Shops	2/21/2023	1/30/2023 1st 03/30/2023 2nd 6/5/2023 3rd	3/6/2023-1st set 4/25/2023-2nd set 6/19/2023-3rd set	7/18/2023	Approved
1277-12344	14898 Fishkill	2/27/2023				awaiting plan submittal
1277-12352	14308 Rudi Kuefner	3/7/2023	2/27/2023	3/27/2023		awaiting revised plans
1277-12332	14160 Horizon Blvd. - Jiffy Lube	3/15/2023				awaiting plan submittal
1277-12350	Summer Sky North Unit 2 Phase II	3/23/2023	4/3/2023			plans under review
1277-12356	Summer Sky North Unit 2 Phase I	3/23/2023	4/3/2023		2/7/2023	Approved
1277-12360	Morningside at Mission Ridge Unit 4	4/4/2023			4/5/2023	Approved
1277-12363	Circle K	4/10/2023	4/4/2023-1st 5/31/2023-2nd 6/30/2023 3rd	5/3/2023 - 1st 6/20/2023- 2nd		under review
1277-12365	13660 Horizon Blvd Landscaping	4/21/2023	4/20/2023	4/24/2023	5/1/2023	Approved
1277-12367	McDonald's	5/1/2023	6/30/203 1st			under review
1277-12364	13496 Horizon Blvd	5/9/2023	6/7/2023 1st 6/28/2023 2nd	6/14/2023 1st 6/28/2023 2nd	7/18/2023	Approved
1277-12372	332 Spanaway St	5/17/2023				awaiting plan submittal
1277-12381	Horizon & Ascencion informational request	6/6/2023	-	-	-	Informational request letter sent
1277-12391	640 Belsaw	6/9/2023				awaiting plan submittal
1277-12051	Polar Services Center	7/19/2021	5/31/2023	6/14/2023	6/14/2023	Approved
1277-12376	13973 Kentwood	7/7/2023				awaiting plan submittal
1277-12396	288 Vermillion	7/11/2023				awaiting plan submittal

**TRE & ASSOCIATES, LLC (revised 7/18/23)**  
**CONSTRUCTION OBSERVATION**

Job #	Job Title	Plan Approval	Construction Start Date	Comments
1277-12011	Horizon Mesa Self Storage	10/26/2021		awaiting construction start
1277-12152	905 Linwood	4/5/2022		awaiting construction start
1277-12201	14861 Horizon Blvd	6/17/2022		awaiting construction start
1277-12205	Horizon Town Center Unit 4	4/19/2022	5/5/2022	under construction
1277-12209	PDEU9 PHI	5/31/2022	2/2/2023	under construction
1277-12193	Summer Sky North Unit 1 Phase II	11/20/2022	4/18/2023	under construction
1277-12236	15071 Horizon Blvd	6/2/2022		awaiting construction start
1277-12192	Summer Sky North Unit 1 Phase I	8/5/2022	11/29/2022	under construction
1277-12136	TxDOT Horizon Blvd Irrigation	8/18/2022	8/26/2022	under construction
1277-12271	Rancho Desierto Bello 14	8/31/2022		awaiting construction start
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	9/28/2022	10/6/2022	under construction
1277-12200	12504 Weaver Rd	9/6/2022	9/13/2022	under construction
1277-12296	Horizon Crossing Unit 3	10/10/2022	3/23/2023	under construction
1277-12240	Mister Car wash	10/27/2022	12/7/2022	under construction
1277-12295	Paseo Del Este Unit 9 Phase II	11/9/2022		awaiting construction start
1277-12282	13780 Horizon Blvd - Applebees	12/1/2022	12/20/2022	construction complete
1277-12051	Polar Services Center	1/10/2023(Pre-treatment)/Imps 6/14/2023		awaiting construction start
1277-12356	Summer Sky North Unit 2 Phase I	2/7/2023		awaiting construction start
1277-12288	Kenazo Estates Unit Two	6/16/2023		awaiting construction start
1277-12365	13660 Horizon Blvd Landscaping			awaiting construction start
1277-12341	Market at Darrington Shops	7/18/2023		awaiting construction start
1277-12364	13496 Horizon Blvd	7/18/2023		awaiting construction start

**TRE & ASSOCIATES, LLC (revised 7/18/23)**  
**HR - APPROVED UTILITY SERVICE COMMITMENTS**

Job #	Job Title	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Plan Approval	Comments
1277-12011	Horizon Mesa Self Storage	2/17/2020	3	3	10/26/2021	approved
1277-12051	Polar Services Center	7/19/2021	5	5	1/10/2023 (Pre-Treatment) /Imps 6/14/2023	approved
1277-12136	TxDOT Horizon Blvd Irrigation	12/22/2021	0	24	8/18/2022	approved
1277-12152	905 Linwood	12/9/2021	1	1	4/5/2022	approved
1277-12192	Summer Sky North Unit 1 Phase I	4/6/2022	231	231	8/5/2022	approved
1277-12193	Summer Sky North Unit 1 Phase II	4/6/2022	247	247	11/20/2022	approved
1277-12205	Horizon Town Center Unit 4	4/11/2022	39	39	5/5/2022	approved
1277-12201	14861 Horizon Blvd.	4/11/2022	0	1	6/17/2022	approved
1277-12209	PDEU9 PHI	5/5/2022	195	195	5/31/2022	approved
1277-12236	15071 Horizon Blvd	5/11/2022	0	1	6/2/2022	approved
1277-12240	Mister Car Wash	5/19/2022	25	25	10/27/2022	approved
1277-12262	355 Ascencion	7/27/2022	0	2		awaiting plans
1277-12271	Rancho Desierto Bello 14	8/29/2022	68	68	8/31/2022	approved
1277-12282	13780 Horizon Blvd - Applebees	9/1/2022	27	27	12/1/2022	approved
1277-12288	Kenazo Estates Unit Two	9/28/2022	0	0	6/16/2023	approved
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	5/19/2022	13	13	9/28/2022	approved
1277-12295	Paseo Del Este Unit 9 Phase II	10/3/2022	218	218	11/9/2022	approved
1277-12296	Horizon Crossing Unit 3	10/4/2022	0	0	10/10/2022	approved
1277-12304	15171 Alberton	11/9/2022	0	1		approved
1277-12329	14861 Houma Ave	1/9/2023	0	1		awaiting plan submittal
1277-12333	Albertson's	2/21/2023	45	45		awaiting revised plans
1277-12341	Market at Darrington Shops	2/21/2023	22	22	7/18/2023	approved
1277-12344	14898 Fishkill	2/27/2023	1	1		awaiting plan submittal
1277-12352	14308 Rudi Kuefner	3/7/2023	1	1		awaiting revised plans
1277-12332	14160 Horizon Blvd. - Jiffy Lube	3/15/2023	3	3		awaiting plan submittal
1277-12350	Summer Sky North Unit 2 Phase II	3/23/2023	134	134		under review
1277-12356	Summer Sky North Unit 2 Phase I	3/23/2023	158	158	2/7/2023	approved
1277-12360	Morningside at Mission Ridge Unit 4	4/4/2023	0	1	4/5/2023	approved
1277-12363	Circle K	4/10/2023	10	10		under review
1277-12364	13496 Horizon Blvd	5/9/2023	0	2	7/18/2023	approved
1277-12365	13660 Horizon Blvd Landscaping	4/21/2023	5	5	5/1/2023	awaiting plan submittal
1277-12367	McDonald's	5/1/2023	26	26		under review
1277-12372	332 Spanaway St	5/17/2023	1	0		awaiting plan submittal
1277-12381	Horizon & Ascencion informational request	6/6/2023	0	0		Informational request sent
1277-12391	640 Belsaw	6/14/2023	0	1		awaiting plan submittal
1277-12376	13973 Kentwood	7/7/2023	0	1		awaiting plan submittal
1277-12396	288 Vermillion	7/11/2023	0	1		awaiting plan submittal

**TOTAL OUTSTANDING COMMITMENTS**

1478

1513