

**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, August 24, 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, Tom Urabazzo, Ricardo Felix. Horizon Golf and Conference Center - Luis Delgadillo. El Paso Disposal - Lorena Quezada. Bill Blitch (via phone). Joel Guzman (Hunt). 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 July 31, 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 Approval of Regular Board Meeting Minutes for April 27, 2023, May 25, 2023 and Special Board Meeting Minutes for June 14, 2023 and August 15, 2023.
- E: Consider and Take Action on Pay Estimate No. 13 for Sludge Digester Repairs.
- F: Consider and Take Action on Pay Estimate No. 3 for Summer Sky North Unit 1 Phase 2.
- G: Consider and Take Action on Pay Estimate No. 7 & 8 for Summer Sky North Unit 1 Phase 1.
- H: Consider and Take Action on Pay Estimate No. 1 for Horizon Blvd 16" waterline replacement.

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. DISCUSS AND PROPOSE A 2023 TAX RATE FOR THE ENTIRE DISTRICT, CONSIDER FINANCIAL ADVISOR'S RECOMMENDATION, ESTABLISH PUBLIC HEARING DATE REGARDING THE 2023 DISTRICT TAX RATE, AND AUTHORIZE PUBLICATION OF THE NOTICE OF PUBLIC HEARING ON THE 2023 TAX RATE AND RELATED TAX RATE INFORMATION.**

Mr. Bill Blich addressed the Board via telephone to discuss and proposed a 2023 tax rate for the District. Mr. Alan Petrov asked Mr. Blich if the number suggested was the highest

number to keep the District out of a rollback and Mr. Blich replied it was.

Director Hulsey made a motion to set the rate at the recommended numbers of .338173 for debt service and .201829 for maintenance and operation for a total of .540002 and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

Director Thomas made a motion to establish a public hearing date regarding the 2023 tax rate on September 14, 2023, at 4:00 pm and to authorize the publication of the public notice of hearing of 2023 tax rate and related tax rate information and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

7. **DISCUSS AND PROPOSE AN ADDITIONAL 2023 TAX RATE FOR THE HUNT COMMUNITIES DEFINED AREA, CONSIDER FINANCIAL ADVISOR'S RECOMMENDATION, ESTABLISH PUBLIC HEARING DATE REGARDING THE 2023 HUNT COMMUNITIES DEFINED AREA TAX RATE, AND AUTHORIZE PUBLICATION OF THE NOTICE OF PUBLIC HEARING ON THE 2023 HUNT COMMUNITIES DEFINED AREA TAX RATE AND RELATED TAX RATE INFORMATION.**

Mr. Bill Blich presented the Board with his recommendation for the 2023 tax rate for Hunt Communities defined area. He proposed the total rate of \$0.225 that would consist of \$0.15 for debt service and \$0.075 for maintenance and operation and that would entail about a \$65.00 increase to the average homeowner's tax bill and drop the maintenance collections to \$103,000.00 a month a year.

Director Hulsey made a motion to approve the proposed tax rate for Hunt Communities defined area at a total of \$0.225 that consists of \$0.15 for debt service and \$0.075 for maintenance and operations and was seconded by Director Thomas.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

Director Jarvis made a motion to establish a public hearing date regarding the 2023 tax rate on September 14, 2023, at 4:00 pm and to authorize the publication of the public notice of hearing of 2023 tax rate and related tax rate information and was seconded by Director Thomas.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

8. **DISCUSS AND PROPOSE AN ADDITIONAL 2023 TAX RATE FOR RANCHO DESIERTO BELLO DEFINED AREA, CONSIDER FINANCIAL ADVISOR'S RECOMMENDATION, ESTABLISH PUBLIC HEARING DATE REGARDING THE 2023 RANCHO DESIERTO BELLO DEFINED AREA TAX RATE, AND AUTHORIZE PUBLICATION OF THE NOTICE OF PUBLIC HEARING ON THE 2023 RANCHO DESIERTO BELLO DEFINED AREA TAX RATE AND RELATED TAX RATE INFORMATION.**

Mr. Bill Blich presented the Board with his recommendation for the 2023 tax rate for Rancho Desierto Bello defined area. He proposed the total rate of \$0.225 that would consist of \$0.16 for debt service and \$0.065 for maintenance and operation and would increase the average homeowner's tax bill about \$40.00.

Director Hulsey made a motion to approve the proposed tax rate for Rancho Desierto Bello defined area at a total of \$0.225 that consists of \$0.16 for debt service and \$0.065 for maintenance and operations and was seconded by Director Thomas.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

Director Hulseley made a motion to establish a public hearing date regarding the 2023 tax rate on September 14, 2023, at 4:00 pm and to authorize the publication of the public notice of hearing of 2023 tax rate and related tax rate information and was seconded by Director Thomas.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

9. **DISCUSS AND PROPOSE AN ADDITIONAL 2023 TAX RATE FOR RAVENNA DEFINED AREA, CONSIDER FINANCIAL ADVISOR'S RECOMMENDATION, ESTABLISH PUBLIC HEARING DATE REGARDING THE 2023 RAVENNA DEFINED AREA TAX RATE, AND AUTHORIZE PUBLICATION OF THE NOTICE OF PUBLIC HEARING ON THE 2023 RAVENNA DEFINED AREA TAX RATE AND RELATED TAX RATE INFORMATION.**

Mr. Bill Blich presented the Board with his recommendation for the 2023 tax rate for Ravenna defined area. He proposed the total rate of \$0.225 that would consist of \$0.18 for debt service and \$0.045 for maintenance and operation and would increase the average homeowner's tax bill about \$74.00.

Director Hulseley made a motion to approve the proposed tax rate for Ravenna defined area at a total of \$0.225 that consists of \$0.18 for debt service and \$0.045 for maintenance and operations and was seconded by Director Thomas.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

Director Hulsey made a motion to establish a public hearing date regarding the 2023 tax rate on September 14, 2023, at 4:00 pm and to authorize the publication of the public notice of hearing of 2023 tax rate and related tax rate information and was seconded by Director Thomas.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

10. **DISCUSS AND PROPOSE AN ADDITIONAL 2023 TAX RATE FOR THE HUNT PROPERTIES DEFINED AREA, CONSIDER FINANCIAL ADVISOR'S RECOMMENDATION, ESTABLISH PUBLIC HEARING DATE REGARDING THE 2023 HUNT PROPERTIES DEFINED AREA TAX RATE, AND AUTHORIZE PUBLICATION OF THE NOTICE OF PUBLIC HEARING ON THE 2023 HUNT PROPERTIES DEFINED AREA TAX RATE AND RELATED TAX RATE INFORMATION.**

Mr. Bill Blich explained there was no debt service at this time and recommended the Board maintain the same \$0.225 tax rate and all would go toward maintenance and operation at this point.

Director Hulsey made a motion to approve the proposed tax rate for Hunt Properties defined area at a total of \$0.225 and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

Director Hulsey made a motion to establish a public hearing date regarding the 2023 tax rate on September 14, 2023, at 4:00 pm and to authorize the publication of the public notice of hearing of 2023 tax rate and related tax rate information and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

11. **DISCUSS AND PROPOSE AN ADDITIONAL 2023 TAX RATE FOR THE SUMMER SKY NORTH DEFINED AREA, CONSIDER FINANCIAL ADVISOR'S RECOMMENDATION, ESTABLISH PUBLIC HEARING DATE REGARDING THE 2023 SUMMER SKY NORTH DEFINED AREA TAX RATE, AND AUTHORIZE PUBLICATION OF THE NOTICE OF PUBLIC HEARING ON THE 2023 SUMMER SKY NORTH DEFINED AREA TAX RATE AND RELATED TAX RATE INFORMATION.**

Mr. Bill Blich explained there was no debt service at this time and recommended the Board maintain the same \$0.225 tax rate and all would go toward maintenance and operation.

Director Hulseley made a motion to approve the proposed tax rate for Summer Sky North defined area at a total of \$0.225 and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

Director Hulseley made a motion to establish a public hearing date regarding the 2023 tax rate on September 14, 2023, at 4:00 pm and to authorize the publication of the public notice of hearing of 2023 tax rate and related tax rate information and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

12. **CONSIDER AND TAKE ACTION REGARDING BOARD OF DIRECTOR PER DIEMS.**

Mr. Alan Petrov explained that the legislature changed the per diem cap and calculation for water districts. The current (before June) the maximum per diem break was \$150.00 per meeting with a maximum annual total of \$7,200.00. The legislation changed the per day maximum from \$150.00 to \$221.00 with the annual cap staying the same at \$7,200.00. The per diem is set by the Board of Directors.

Director Jarvis made a motion to change the Board of Directors per diems to \$200.00 per meeting as allowed by the Texas Legislature with a maximum of \$7,200.00 effective immediately and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

13. **CONSIDER AND TAKE ACTION ON RATE ORDER FOR DISTRICT.**

Mr. McGinnis explained this item was regarding amending the rate order and adding the grease trap charges, charging \$150.00 inspection rate for grease traps and \$450.00 penalty if customer/business does not clean by the date given by the District and the District may take care of cleaning but will bill customer/business plus the penalty.

Director Hulsey made a motion to approve the changes to the rate order to reflect the changes in grease trap inspection and cleaning and penalty charges and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.



14. **DISCUSSION ON HORIZON VIEW ESTATES SEWER.**

Ms. Troncoso reported she had nothing to update.

No action necessary.

15. **CONSIDER AND TAKE ACTION ON 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 Hulsey made a motion to approve the Management Report to include write offs and collections and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

16. **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 Thomas made a motion to approve the Engineering Report relating to

construction and engineering activities and was seconded by Director Hulsey.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

17. **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. Mr. Delgadillo reported the golf course is back on track and fully operational. He stated the golf course has been extremely busy and the August financials are looking good thus far. For the month of July, Mr. Delgadillo stated it wasn't as bad as they had thought when they were going to have to be on temporary greens. They ended up being \$51,000.00 less than revenue for what they had budgeted. Overall, for the month of July the golf course had a loss of \$21,000.00 based on revenue and being on temporary greens. For the year, not including the \$154,000.00 renovation to the greens the golf course was at \$81,000.00 profit.

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

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

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

Director Jarvis requested to go into executive session at this time.

Executive Session at 6:56 pm.

Back from Executive Session at 7:37 pm.

No action necessary.

19. **CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 2 FOR HORIZON BLVD. 16" WATERLINE REPLACEMENT PROJECT.**

Ms. Troncoso requested item be tabled.

Item tabled.

20. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 14 (final) FOR SLUDGE DIGESTER REPAIRS.**

Ms. Troncoso reported the work has been completed and is the final pay application including the release of retainage in the amount of \$256,321.40 and recommends approval.

Director Hulsey made a motion to approve pay estimate no. 14 final for sludge digester repairs and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

21. **CONSIDER AND TAKE ACTION ON ACCEPTANCE OF SLUDGE DIGESTER REPAIRS FOR OPERATIONS AND MAINTENANCE.**

Discussion included in item 19.

Director Hulsey made a motion to approve the acceptance of sludge digester repairs for operations and maintenance and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

22. **CONSIDER AND TAKE ACTION ON RECOMMENDATION OF AWARD FOR SUMMER SKY NORTH UNIT 2 PHASE 1 WATER, WASTEWATER, AND DRAINAGE IMPROVEMENTS.**

Ms. Troncoso stated this was a recommendation of award for a subdivision in one of the defined area locations. TRE received 3 bids with the lowest bid being in the amount of \$2,079,397.00 from CMD Endeavors and recommends award.

Director Hulsey made a motion to approve the award for Summer Sky North Unit 2 Phase 1 water, wastewater, and drainage improvements to CMD Endeavors in the amount of \$2,079,397.00 and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

23. **CONSIDER AND TAKE ACTION ON RECOMMENDATION OF AWARD FOR PASEO DEL ESTE UNIT 9 PHASE 2 WATER, WASTEWATER, AND DRAINAGE IMPROVEMENTS.**

Ms. Troncoso reported this was another defined area bond project, 3 bids were received with the lowest bid coming from CMD Endeavors in the amount of \$2,612,741.00 and recommends approval.

Director Hulseley made a motion to approve the award for Summer Sky North Unit 2 Phase 1 water, wastewater, and drainage improvements to CMD Endeavors in the amount of \$2,612,741.00 and was seconded by Director Barton.

All in favor: 4 ayes  
Opposed: 0 none

Motion passed to approve.

24. **CONSIDER AND TAKE ACTION ON WWTP BLOWER REPAIRS.**

Mr. Carlos McGinnis presented the cost (\$20,000.00) to repair the blower that is down at the wastewater treatment plant to the Board. Director Jarvis asked what is being done to prevent the blower getting full of sand and extend into both bearing housings again. Mr. McGinnis stated that he is working along with Ms. Troncoso to try and come up with a solution. He stated they don't want to put too much covering because the blower may then just siphon all the sand into the blower. He said he will also ask JCH is there is anything they would recommend.

Director Hulseley made a motion to approve the repairs for the blower at the WWTP from JCH in the amount of \$20,000.00 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 on item # 18 at 6:56 pm and ended at 7:37 pm.

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

Mr. Alan Petrov handed out a booklet of the legislative update his firm provides their clients. It is their summary they do every two years of the legislation that affects water districts that was passed in the last legislative session.

There being no further business before the Board, the meeting was upon motion made by Director Hulseley and seconded by Director Barton all in favor and carried, adjourned at 7:50 p.m.

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



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



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

CM/VS



**Horizon Regional MUD  
General Manager Reports for the month of  
July 2023  
Board Meeting Date: 8-24-2023**

Reviewed By: Carlos McGinnis  
8/24/2023



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: 8/24/23**

**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) Digesters are finished and are on Agenda for Acceptance
- 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.



**4) Ponds**

- a) RO Ponds are holding.

**5) Construction**

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

**6) Customer Care**

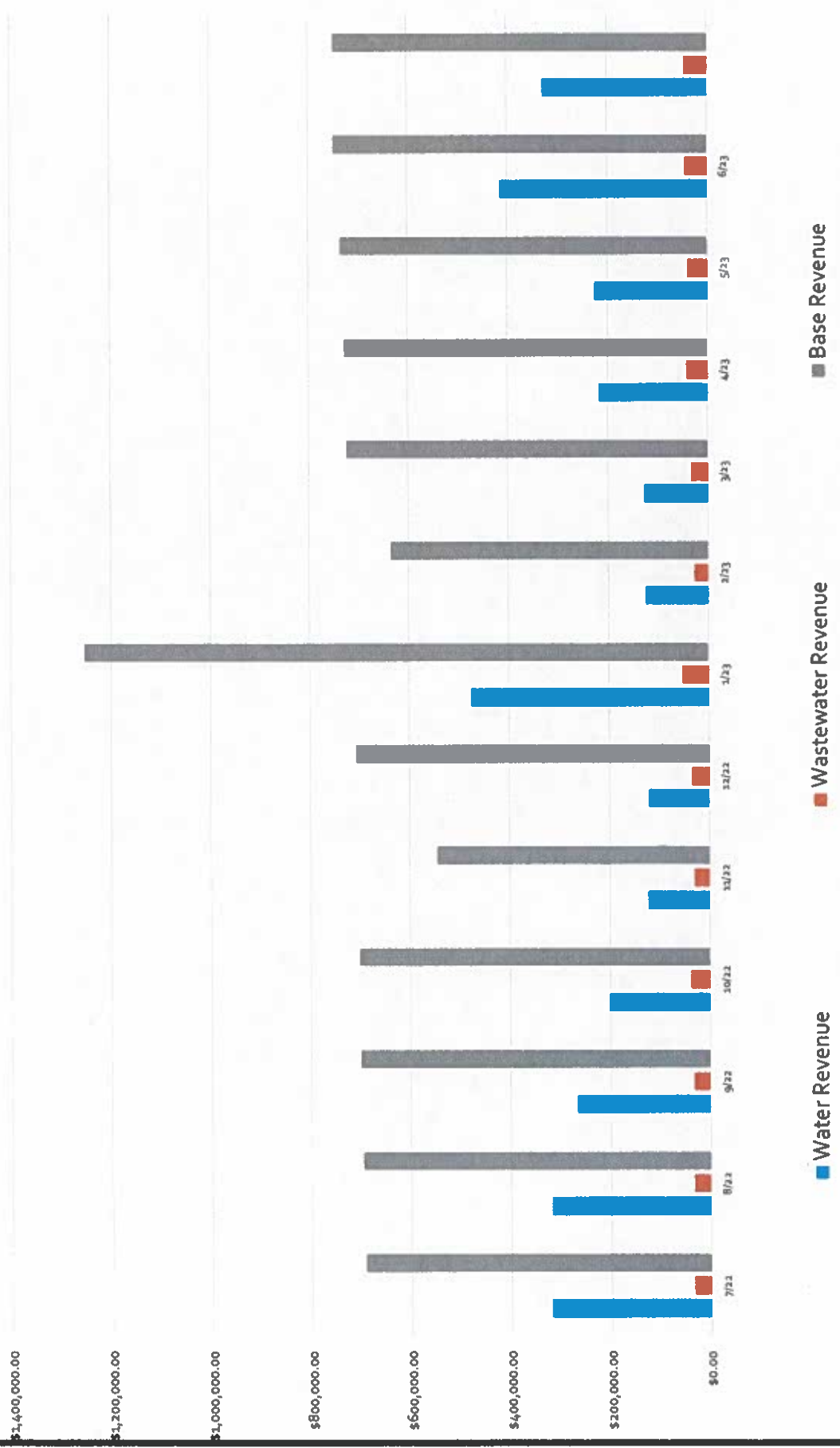
- a) Assisted 10 Customers with payment plans.
- b) 184 disconnects were done in the month of July

**7) Moonlight Lease**

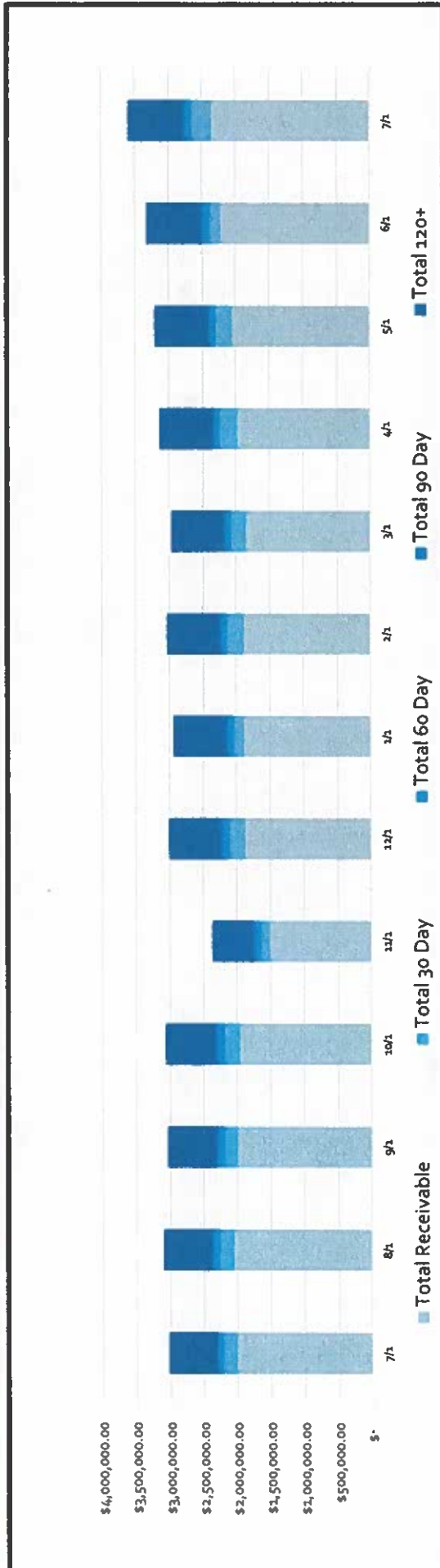
- a) August payment was received on August 11 but was short.

Description	Connections	
	Jul-22	Jul-23
Residential	12,564	13,301
Commercial	243	255
Irrigation	62	70
School	23	24
Municipal	17	19
Church	12	12
Bulk Meter	35	28
<b>Total Number of Accounts Billed</b>	<b>12,956</b>	<b>13,709</b>
	<b>Consumption</b>	
Residential	97,186,900	112,261,800
Commercial	6,287,000	6,616,200
Irrigation	10,956,400	13,144,500
School	1,070,200	1,402,600
Municipal	3,790,300	2,882,100
Church	76,600	98,800
Bulk Meter	2,412,000	2,618,200
<b>Total Gallons Consumed</b>	<b>121,779,400</b>	<b>139,024,200</b>
	<b>Average Consumption</b>	
Residential	5,556	8,440
Commercial	15,474	25,946
Irrigation	23,596	187,779
School	13,395	58,442
Municipal	11,900	151,689
Church	11,267	8,233.33
Bulk Meter	51,359	93,507
<b>Avg Water Use for Accounts Billed</b>	<b>9,399</b>	<b>10,141</b>
Total Billed	\$ 1,048,738	\$ 1,181,303
Total Aged Receivables	\$ 951,616	\$ 1,173,332
Total Receivables	\$ 2,000,354	\$ 2,354,635

# 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+
Jul-22	\$ 2,000,354.05	\$ 208,579.87	\$ 72,194.90	\$ 16,543.31	\$ 728,479.80
Aug-22	\$ 2,045,034.85	\$ 215,254.55	\$ 86,437.91	\$ 19,336.64	\$ 731,095.88
Sep-22	\$ 1,989,749.11	\$ 192,801.86	\$ 94,128.34	\$ 25,073.53	\$ 738,023.86
Oct-22	\$ 1,953,972.50	\$ 229,150.80	\$ 119,849.92	\$ 97,487.66	\$ 36,880.64
Nov-22	\$ 1,506,346.43	\$ 119,849.92	\$ 81,598.41	\$ 34,580.80	\$ 620,670.19
Dec-22	\$ 1,864,893.63	\$ 234,992.69	\$ 85,320.88	\$ 34,363.76	\$ 778,877.86
Jan-23	\$ 1,881,203.33	\$ 151,491.07	\$ 83,006.17	\$ 33,024.33	\$ 792,288.63
Feb-23	\$ 1,860,020.19	\$ 252,680.89	\$ 78,856.08	\$ 21,919.65	\$ 800,043.52
Mar-23	\$ 1,837,092.90	\$ 229,234.52	\$ 78,427.61	\$ 21,826.67	\$ 800,065.06
Apr-23	\$ 1,970,103.48	\$ 265,846.23	\$ 74,047.25	\$ 21,941.54	\$ 804,576.93
May-23	\$ 2,042,394.46	\$ 251,312.28	\$ 82,409.32	\$ 22,761.10	\$ 806,370.67
Jun-23	\$ 2,216,515.91	\$ 162,108.96	\$ 101,846.33	\$ 27,285.59	\$ 817,298.94
Jul-23	\$ 2,354,635.24	\$ 295,414.00	\$ 91,349.00	\$ 30,040.05	\$ 826,589.08

Board Consideration to Write Off  
 Board Consideration Collections

Delinquent Letter Mailed 1023  
 Delinquent Tags Hung N/A  
 Disconnects for Non Payment 184



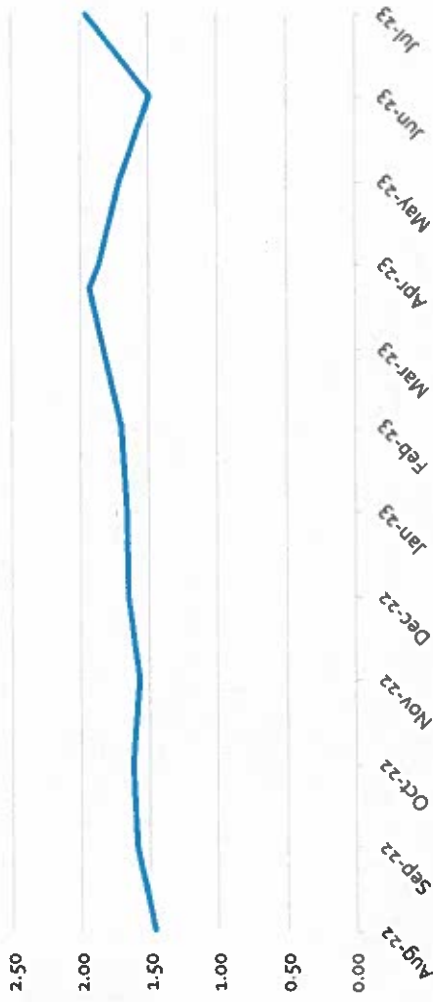
Water Production and Quality

Water Quality Monitoring

Current Annual CL2 Avg

Requirements	Date	CL2	Min .02
	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	
	Jul-23	1.96	

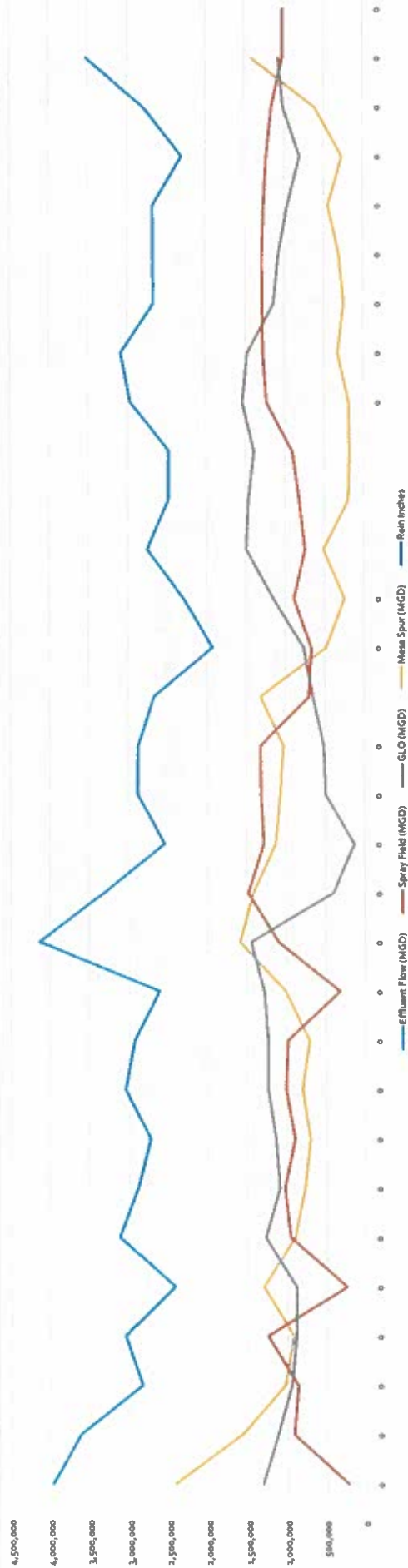
CL2 FREE





Month	Month	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gal.s Loss (-)	Water loss %
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%
July 23	8/24/2023	13709	180,182	139,024	32,000	9,158	5.0%

**Wastewater Flows for the Month of July 2023**





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

	DISCHARGE	Eff.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	2.886	Yes	96.2%
Avg. Sprayfield Flow	MGD	3	0.991	Yes	33.0%
Avg. GLO Flow	MGD	3	1.048	Yes	34.9%
Avg. Mesa Spur Flow	MGD	3	0.845	Yes	28.2%
Avg. Other Flow			0.002	N/A	
Avg. cBOD	mg/L	10	4.0	Yes	
Avg. TSS	mg/L	15	8.7	Yes	
Avg. Ammonia Nitrogen NH3	mg/L	3	0.76	Yes	
Avg DO	mg/L	10	8.50	Yes	
E. coli Bacteria	CFU	126	3.2	Yes	
MIN. PH	STD UNITS	6.0	7.05	Yes	
MAX. PH	STD UNITS	9.0	7.39	Yes	

only applies if discharge

# Inframark

## Leak Report For July

August 24, 2023

Address	Date	Street	Meter	Repair	Comments
228 Sunset hills	7/1/2023	X		X	Replace with copper
14291 Desert Bush	7/2/2023	X		X	Replace with copper
712 Desert Sage	7/3/2023	X		X	Replace with copper
424 Cactus Crossing	7/3/2023	X		X	Replace with copper
14737 Mountain Breeze	7/3/2023	X		X	Replace with copper
14320 Lago diseo	7/3/2023	X		X	Replace with copper
13940 Roslyn	7/6/2023	X		X	Replace with copper
645 Desierto Bonito	7/7/2023	X		X	Replace with copper
14291 Desierto Bonito	7/7/2023	X		X	Replace with copper
1421 Coronel	7/8/2023		X	X	Replace with PVC
659 danube	7/8/2023	X		X	Replace with copper
1674 Dryden	7/9/2023		X	X	Replace with PVC
14104 Highweed	7/12/2023	X		X	Replace with copper
468 Desert Marigold	7/12/2023	X		X	Replace with copper
15337 fairwood	7/12/2023	X		X	Replace with copper
513 Serena	7/12/2023	X		X	Replace with copper
14340 Desert Fire	7/15/2023	X		X	Replace with copper
15000 Ashford #22	7/15/2023	X		X	Replace with copper
14436 Shoenfelder	7/15/2023	X		X	Replace with copper
200 Lago Chico	7/17/2023	X		X	Replace with copper
14587 Corby	7/21/2023	X		X	Replace with copper
13587 Intrigue	7/22/2023	X		X	Replace with copper
305 Roslyn	7/25/2023		X	X	Replace with PVC
645 Valle de Bravo	7/25/2023		X	X	Replace with copper
14123 Rodman	7/25/2023		X	X	Replaced with PVC
14299 Desert wind	7/27/2023	X		X	Replaced with copper
124 Desert mesa	7/27/2023		X	X	Replaced with PVC
629 Paseo De Flor	7/27/2023		X	X	Replaced with PVC
14309 Desert Orched	7/29/2023	X		X	Replaced with Copper
745 Cocotitlan	7/30/2023	X		X	Replaced with Copper
14767 calhoun	7/30/2023	X		X	Replaced with Copper
671 Agua Brava	7/30/2023	X		X	Replaced with Copper
469 Las Palomas	7/30/2023	X		X	Replaced with Copper
			Street Leaks		26
			Meter Leaks		7
			Total		33

**Date: 8/14/2023**

**Re: Operations Report for July ,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>	Fully operational
<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 22 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.

### **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.

Aldo Navarrete, Operations Manager.



## MEMORANDUM

Via E-Mail

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

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

**DATE:** August 23, 2023

**SUBJECT:** August 24, 2023 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. The 16-inch Horizon Blvd transmission main from Ashford to North Kenazo is ongoing and Pay Estimate No. 2 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**

EST-5 is online with the system and TRE is currently coordinating with HCIA for a tank location for EST-6.

### **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 had a site visit and planning meeting with the RO manufacturer on August 9<sup>th</sup> and review proposed components and discuss operations. The rezoning for the RO plant site was approved by the Town of Horizon.

### **RO Concentrate Disposal Management**

TRE has received technical comments and is meeting with the TCEQ to review the comments in detail on Thursday, August 24<sup>th</sup>.

### **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 currently 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**

The Digester Repair is complete and the Recommendation of Acceptance for Operation and Maintenance and Pay Application No. 13 and 14 (final) 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  
August 23, 2023  
Page 3 of 3

**GST4 Rehabilitation**

The rehab has been delayed until September, after peak season. All submittals and materials are being reviewed and approved at this time.

**GST1 Rehabilitation**

This project was awarded in July and all contracts have been executed. We are currently coordinating the materials and planned construction schedule. The rehabilitation work will occur between October 1, 2023 and March 15, 2024.

Linda Troncoso and Frank Ortiz will be at the August 24th 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 8/15/23)**  
**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>
1277-12405	835 S. Darrington Autozone	7/20/2023		8/3/2023	5	5	Approved
1277-12406	Desert Breeze Unit 3	7/20/2023		8/8/2023	65	65	Approved



**TRE & ASSOCIATES, LLC (revised 8/15/23)**  
**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
1277-12329	14861 Houma Ave	1/20/2023				awaiting plan submittal
1277-12333	Albertson's	2/21/2023	2/1/2023	3/6/2023		awaiting revised plans
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	7/11/2023 1st	8/1/2023 1st		awaiting revised submittal
1277-12350	Summer Sky North Unit 2 Phase II	3/23/2023	4/3/2023		8/9/2023	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 8/1/2023 - 3rd		awaiting revised submittal
1277-12367	McDonald's	5/1/2023	6/30/2023 1st	7/6/2023 1st		awaiting revised submittal
1277-12372	332 Spanaway St	5/17/2023				awaiting plan submittal
1277-12391	640 Belsaw	6/9/2023				awaiting plan submittal
1277-12376	13973 Kentwood	7/7/2023				awaiting plan submittal
1277-12405	835 S. Darrington Autozone	8/3/2023	8/14/2023 1st			under review
1277-12406	Desert Breeze Unit 3	8/8/2023	8/7/2023 1st	8/15/2023 1st		awaiting revised plans

**TRE & ASSOCIATES, LLC (revised 8/15/23)**  
**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	7/26/2023		under construction
1277-12364	13496 Horizon Blvd	7/18/2023		awaiting construction start

**TRE & ASSOCIATES, LLC (revised 8/15/23)**  
**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) /lmps 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
1277-12329	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	7/26/2023	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 revised plans
1277-12350	Summer Sky North Unit 2 Phase II	3/23/2023	134	134	8/9/2023	approved
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		awaiting revised plans
1277-12364	13496 Horizon Blvd	5/9/2023	0	2	7/18/2023	approved
1277-12367	McDonald's	5/1/2023	26	26		awaiting revised plans
1277-12372	332 Spanaway St	5/17/2023	1	0		awaiting plan submittal
1277-12391	640 Belsaw	6/14/2023	0	1		awaiting plan submittal
1277-12376	13973 Kentwood	7/7/2023	0	1		awaiting plan submittal
1277-12405	835 S. Darrington AutoZone	8/3/2023	5	5		under review
1277-12406	Desert Breeze Unit 3	8/8/2023	65	65		awaiting revised plans

**TOTAL OUTSTANDING  
COMMITMENTS**

1543

1576