

**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, April 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 - Todd Burr, Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, Tom Urrabazzo, Frank Ortiz, Marcos Meza. El Paso Disposal - Lorena Quezada. The Pledge of Allegiance was said with audience participation.

4. RECEIVE CITIZEN COMMUNICATIONS.

Michael Garay.

Mr. Michael Garay spoke to the Board stated he spoke with Horizon City zoning, as was requested by the Board regarding leasing a small portion of the golf course and they had no issue with the area being possibly for playground use as long as no structures of any kind are erected on the Golf Course property with the exception of any security fencing needed. Mr. Alan Petrov advised the Board that legally, the District can lease and decide on lease terms. Director Jarvis was concerned about the area and if there was any danger from golf play and for what period of time Mr. Garay was looking to lease. Mr. Garay said there was no danger there and was looking for a 3 year lease. Director Jarvis asked Mr. Garay to put together a draft lease.

No Action Necessary.

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 March 31, 2023.
- C: Consider and Take Action to approve the Regular Board Meeting Minutes for February 23, 2023 and Special Board Meeting on March 7, 2023.
- 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. 16 for Elevated Storage Tank #5.
- F: Consider and Take Action on Pay Estimate No. 2 for Paseo Del Este Unit 9 Phase I.
- G: Consider and Take Action on Pay Estimate No. 4 for Summer Sky North Unit One Drainage, Water and Wastewater Improvements Phase I.
- H: Consider and Take Action on Pay Estimate No. 4 for Duanesburg Lift Station Replacement.
- I: Consider and Take Action on Pay Estimate No. 3 for GLO Treated Effluent Lift Station and Change Order No. 1.
- J: Consider and Take Action on Pay Estimate No. 3 for Sludge Digester Repairs.

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

Discussion item only. Ms. Troncoso reported they are waiting to receive the letter from Texas Water Development Board stated it is ok to begin the engineering.

No Action Necessary.

7. **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 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.

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

Ms. 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 Hulsey 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.

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

Mr. Luis Delgadillo presented the Spray Field Management and Operations report. Mr. Delgadillo reported there were a few more expenses this month. Overall, the Golf Course's profit is \$25,000.00 with YTD \$105,000.00 in the black and are \$66,000.00 ahead of budget. Mr. Delgadillo also reported they began putting chemicals on the Golf Course and is going to be a 3-part project.

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.

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

No discussion.

No action necessary.

11. CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 4 FOR SLUDGE DIGESTER REPAIRS.

Ms. Troncoso explained this change order was for additional repairs done on Digester A.

Director Hulseley made a motion to approve Change Order No. 4 in the amount of \$94,378.00 for sludge digester repairs and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

12. CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 1 FOR DUANESBURG LIFT STATION REPLACEMENT.

Ms. Troncoso explained this change order in the amount of \$8,950.86 for an additional 21 calendar days as a result from additional bypassing associated with doing some reconfiguration of the electrical at the site.

Director Hulseley made a motion to approve Change Order No. 1 in the amount of \$8,950.86 for Duanesburg Lift Station replacement and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

13. CONSIDER AND TAKE ACTION ON FINAL PAY ESTIMATE No. 5 FOR DUANESBURG LIFT STATION.

Ms. Troncoso explained this was the final pay estimate for the entire project. SMITHCO Construction has completed the work and recommends approval.

Director Hulsey made a motion to approve the final pay estimate No. 5 for Duanesburg lift Station in the amount of \$125,465.57 and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

14. CONSIDER AND TAKE ACTION ON ACCEPTANCE OF DUANESBURG LIFT STATION FOR OPERATIONS AND MAINTENANCE.

Ms. Troncoso stated the only thing the needed for the acceptance was the consent of surety and recommends approval contingent on receipt of final paperwork.

Director Hulsey made a motion to accept Duanesburg Lift Station for operations and maintenance and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

15. CONSIDER AND TAKE ACTION ON ACCEPTANCE OF 201 S. DARRINGTON FOR OPERATIONS AND MAINTENANCE.

Ms. Troncoso explained this was for installation of a manhole for some additions at Summit Plastic Moldings. They have submitted all their paperwork and documents and recommends acceptance.

Director Hulseley made a motion to accept 201 S. Darrington for operations and maintenance 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 UNIT 51 FOR OPERATIONS AND MAINTENANCE.

Ms. Troncoso explained this is for Horizon City Unit 51 and with the Boards permission Ms. Troncoso would like to amend the acceptance letter to reflect the lots and the lots associated with this acceptance. The paperwork has been completed, testing has been done and recommends approval.

Director Hulseley made a motion to approve the acceptance of certain lots in Horizon City Unit 51 and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

17. CONSIDER AND TAKE ACTION ON UV SYSTEM PM FOR ONE TRAIN.

Mr. McGinnis received an estimate from Cornerstone Plant Maintenance in the amount of \$26,416.25 for UV maintenance and while they are in town will ask them to train Inframark employees.

Director Hulsey made a motion to approve the estimate from Cornerstone Plant Maintenance in the amount of \$26,416.25 and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

18. CONSIDER AND TAKE ACTION ON PURCHASE OF 10 MOTORS AND 48 HUBS FOR E3 ATOMIZER UNIT 1.

Mr. McGinnis stated after quite a bit of research with other companies they were unable to locate the motors needed and is requesting approval for the purchase of 10 motors and 48 hubs in the amount of \$44,331.00.

Director Hulsey made a motion to approve the purchase of 10 motors and 48 hubs for E3 atomizer in the amount of \$44,331.00 and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

19. CONSIDER AND TAKE ACTION ON PROPOSAL FOR GST 3B, BPS 3B AND GST 4B.

Ms. Troncoso reported as part of the next expansion of all the facilities is presenting this proposal for the design and construction administration for GST 3B & 4B and BPS 3B. The existing systems providing water have no capability to serve additional demands and the new GST 4B will provide service to the developing community at Mountain Shadow Estates properties.

Director Hulsey made a motion to approve the engineering services proposal for GST's 3B and 4B and BPS 3B and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

20. CONSIDER AND TAKE ACTION ON PROPOSAL FOR 16-INCH WATERLINE IMPROVEMENTS.

Ms. Troncoso explained they are doing waterline improvements from Ashford all the way to Kenazo to the GST. Ms. Troncoso explained this proposal also covers design construction management services and is included in the bond funds.

Director Thomas made a motion to approve the proposal for 16-inch waterline improvements and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

21. **RESOLUTION AUTHORIZING REIMBURSEMENT OF GENERAL FUND FROM PROCEEDS OF A FUTURE BOND ISSUE.**

Mr. Alan Petrov explained, whenever there are funds that are being included in a bond project to pay for the project and The District needs to expend some of the funds before the bonds are sold, The District may spent money from the operating account then reimburse the operating account with the bond money once they are sold but under the IRS rules, The District would need to declare their intent to do so and this resolution declares The District's intent to reimburse themselves only if necessary to make the expenditure.

Director Hulseley made a motion to authorize reimbursement of general fund from proceeds of a future bond issue and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

22. **CONSIDER AND POSSIBLE ACTION REGARDING ENCROACHMENT REQUEST FROM EL PASO ELECTRIC.**

Mr. Alan Petrov explained to the Board that legally they can consent El Paso Electric to install their services over or through the District's easement and may have conditions on it i.e. depth to make sure it does not interfere with any water lines. Ms. Troncoso added if they were to allow perpendicular crossings no deeper than 24 inches it should be fine since typically, they run about 18 inches. If 24 inches are given the water lines should have 5 feet of cover on it.

Director Hulseley made a motion to approve an easement encroachment request from El Paso Electric and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

23. **PUBLIC HEARING REGARDING PETITION FOR ANNEXATION ON COCHRAN COLINAS SUBDIVISION.**

Mr. Alan Petrov stated that Dig Deep worked hard to get signatures of the owners of the properties within the Cochran subdivision and needed to get at least 50% by value. Mr. Petrov verified this with the tax records that there were enough signatures. The process is that The District would hold a public hearing on whether or not to annex the subdivision and then if The Board approves the annexation (the next agenda item) the next step would be that they would have an election to agree to The Districts taxes. Right now, Mr. Petrov stated The Board would need to call a public hearing and ask if anyone would like to speak on the matter.

Director Jarvis opened a public hearing regarding the petition for annexation on the Cochran Colonias subdivision at 7:08 pm and asked if there were any comments. After hearing no comments Director Jarvis closed the public hearing at 7:09 pm.

24. **CONSIDER AND POSSIBLE ACTION REGARDING AN ORDER ANNEXING LAND AND REDEFINING THE DISTRICT'S BOUNDARIES.**

Director Hulsey made a motion to post an order annexing land and redefining The District's boundaries subject to the upcoming election and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

25. CONSIDER AND POSSIBLE ACTION REGARDING LITIGATION MATTERS.

Mr. Alan Petrov had a few items to discuss in executive session.

26. EXECUTIVE SESSION, AS NECESSARY.

Executive session at 7:10 pm.
Back from Executive session at 7:32 pm.

No action necessary.

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

No matters to discuss.

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 7:32 p.m.

READ, APPROVED AND ADOPTED THIS 24th DAY of August 2023.

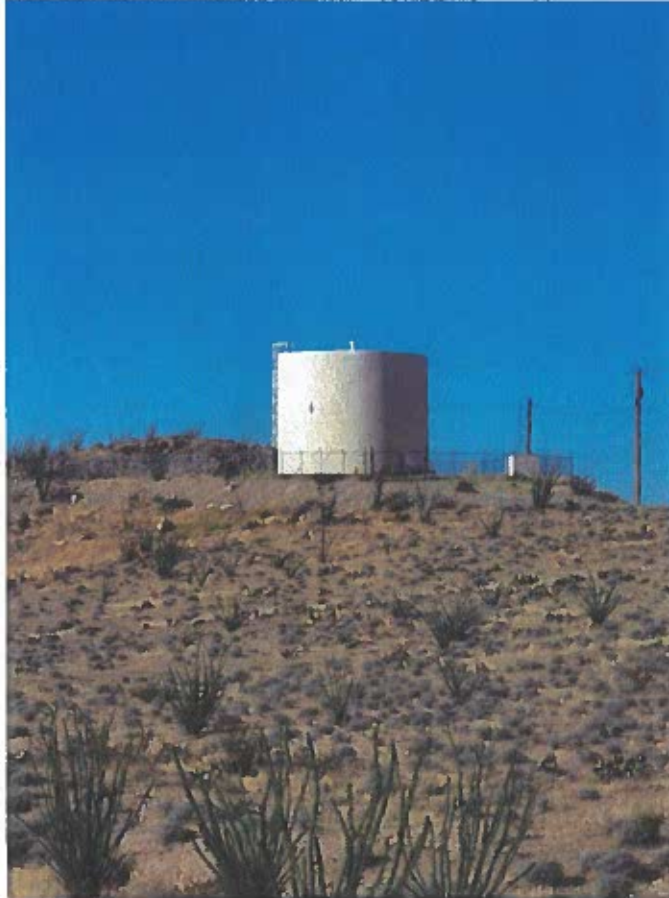


GORDON JARVIS, PRESIDENT
Board of Directors
Horizon Regional M.U.D.



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

CM/VS



**Horizon Regional MUD
General Manager Reports for the month of
March 2023
Board Meeting Date: 4-27-2023**

Reviewed By: Carlos McGinnis
Date: 4-27-2023



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: 4/27/23

Memorandum for: Board of Director's Horizon Regional MUI

From:

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) GLO Lift Station rehab is ongoing
- c)

2) Distribution System – Billing

- a) Using new Meters for change outs and new connections
- b) Replaced Gate valve at Kenazo and Woodhill
- 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) Elevated Storage is online with system.
- b)

6) Customer Care

- a) Assisted 10 Customers with payment plans.
- b) 132 Disconnections were done.

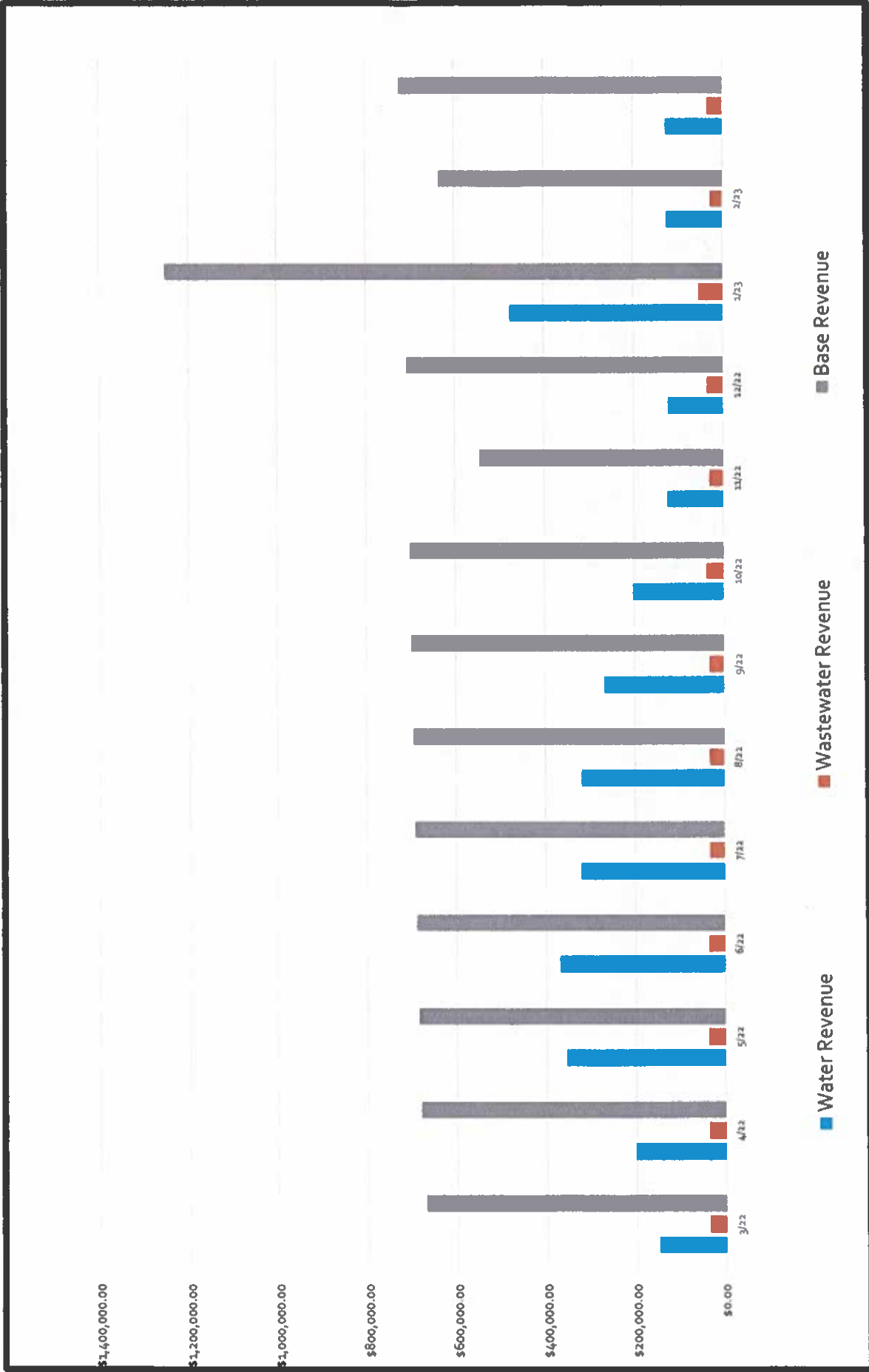
7) Moonlight Lease

- a) April lease payment paid along with extra payment with interest to catch up.

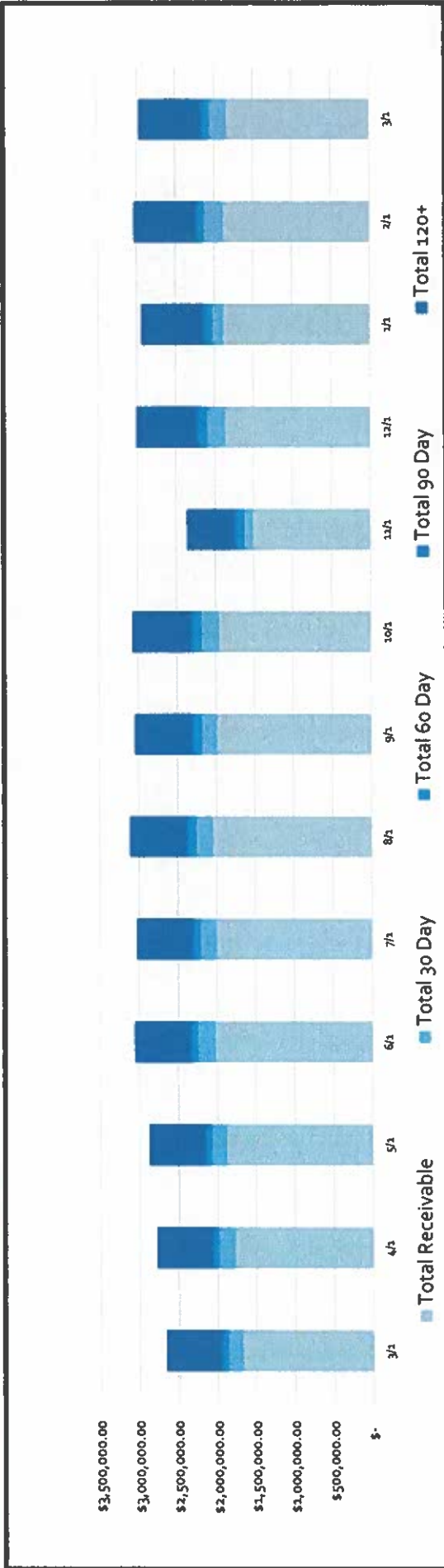
Billing Summary

Description	Connections	
	Mar-22	Mar-23
Residential	12,312	13,104
Commercial	249	255
Irrigation	56	66
School	20	24
Municipal	16	18
Church	12	12
Bulk Meter	31	30
Total Number of Accounts Billed	12,696	13,509
	Consumption	
Residential	70,101,400	73,238,700
Commercial	4,632,700	4,056,100
Irrigation	3,347,600	2,895,300
School	920,900	734,300
Municipal	921,400	737,300
Church	185,100	40,300
Bulk Meter	2,777,000	847,600
Total Gallons Consumed	82,886,100	82,549,600
	Average Consumption	
Residential	5,556	5,589
Commercial	15,474	15,906
Irrigation	23,596	43,868
School	13,395	30,596
Municipal	11,900	40,961
Church	11,267	3,358.33
Bulk Meter	51,359	28,253
Avg Water Use for Accounts Billed	6,529	6,111
Total Billed	\$ 858,528	\$ 888,480
Total Aged Receivables	\$ 969,675	\$ 948,612
Total Receivables	\$ 1,672,316	\$ 1,837,092

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+
Mar-22	\$ 1,672,316.30	\$ 194,092.81	\$ 62,230.37	\$ 23,933.95	\$ 706,646.97
Apr-22	\$ 1,776,220.26	\$ 205,391.56	\$ 64,233.14	\$ 16,959.35	\$ 716,364.40
May-22	\$ 1,874,076.57	\$ 197,287.37	\$ 64,578.63	\$ 16,799.24	\$ 720,798.42
Jun-22	\$ 2,020,620.46	\$ 228,445.16	\$ 67,429.62	\$ 16,754.18	\$ 728,478.80
Jul-22	\$ 2,000,354.05	\$ 208,579.87	\$ 72,164.90	\$ 16,543.31	\$ 731,095.88
Aug-22	\$ 2,045,034.85	\$ 215,254.55	\$ 96,437.91	\$ 19,336.64	\$ 731,095.88
Sep-22	\$ 1,999,749.11	\$ 192,801.96	\$ 94,128.34	\$ 25,073.53	\$ 798,023.86
Oct-22	\$ 1,953,972.60	\$ 228,150.80	\$ 97,487.66	\$ 36,680.64	\$ 751,788.05
Nov-22	\$ 1,508,346.43	\$ 119,949.92	\$ 81,598.41	\$ 34,560.80	\$ 620,870.19
Dec-22	\$ 1,864,893.63	\$ 234,992.69	\$ 95,320.88	\$ 34,363.76	\$ 778,877.88
Jan-23	\$ 1,881,203.33	\$ 151,491.07	\$ 83,008.17	\$ 33,024.33	\$ 792,286.63
Feb-23	\$ 1,880,020.19	\$ 252,660.89	\$ 78,856.08	\$ 21,919.65	\$ 800,043.52
Mar-23	\$ 1,837,092.90	\$ 228,234.52	\$ 78,427.61	\$ 21,826.67	\$ 800,065.06

Board Consideration to Write Off
 Board Consideration Collections

Delinquent Letter Mailed 685
 Delinquent Tags Hung N/A
 Disconnects for Non Payment 132

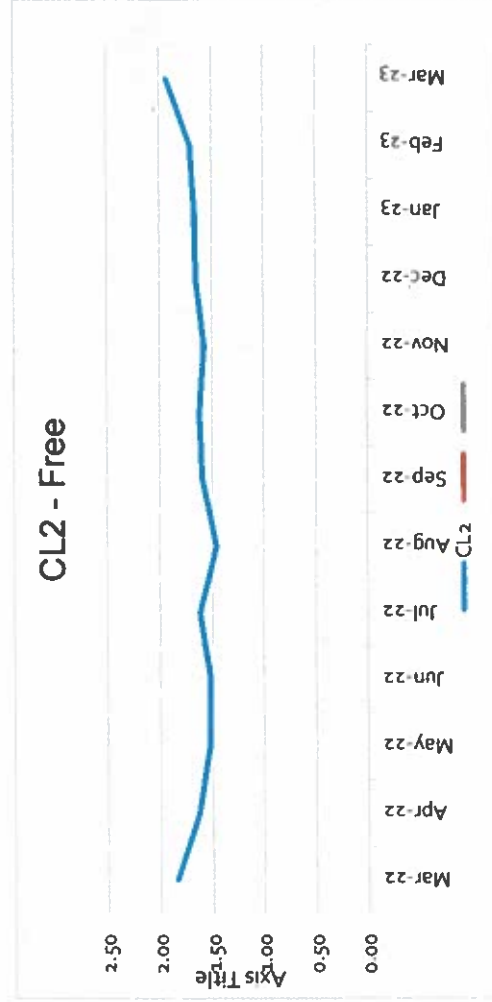


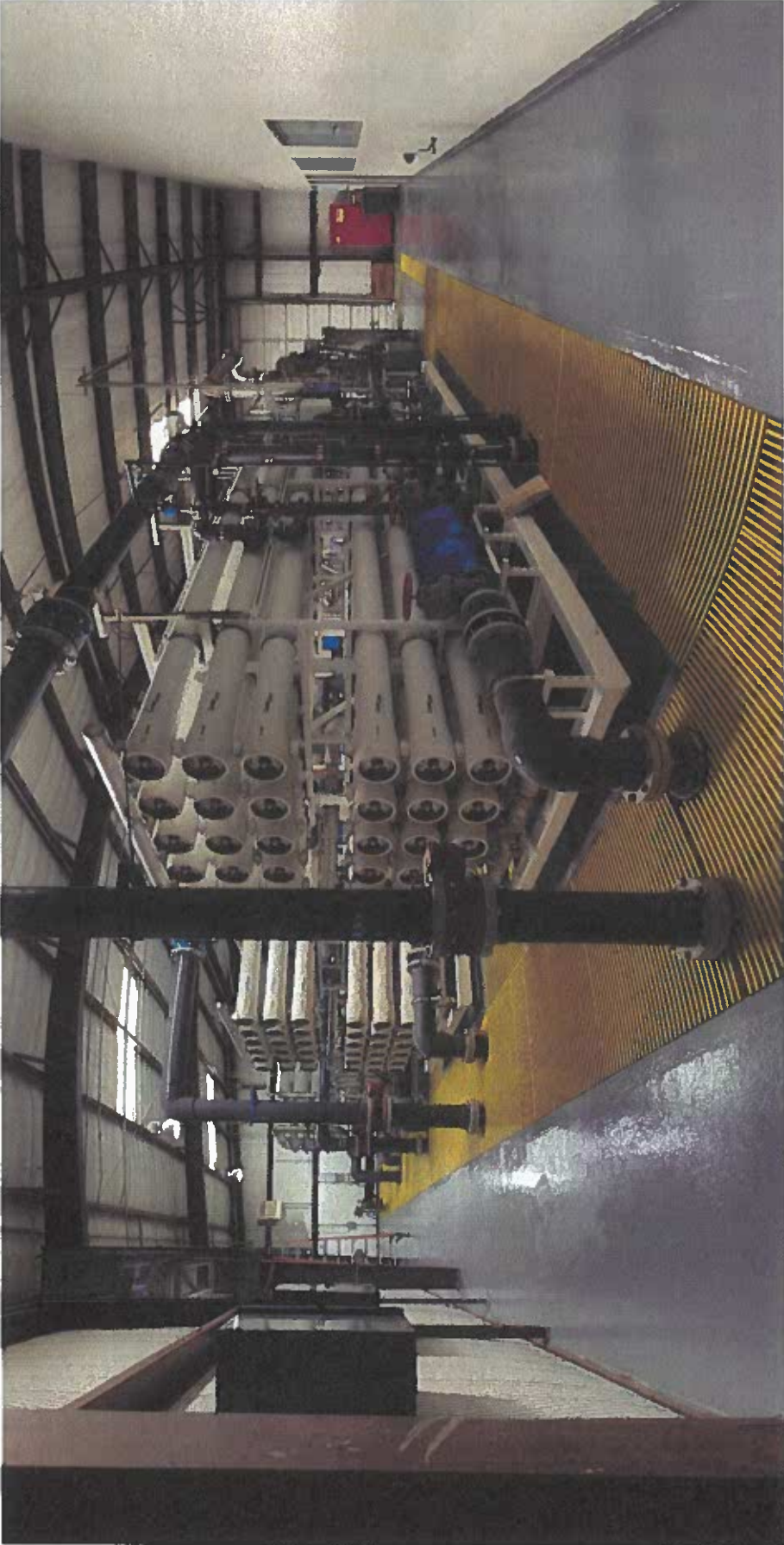
Water Production and Quality

Water Quality Monitoring

Current Annual CL2 Avg

Requirements	Min	.02
Date	CL2	
Mar-22	1.84	
Apr-22	1.63	
May-22	1.53	
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	





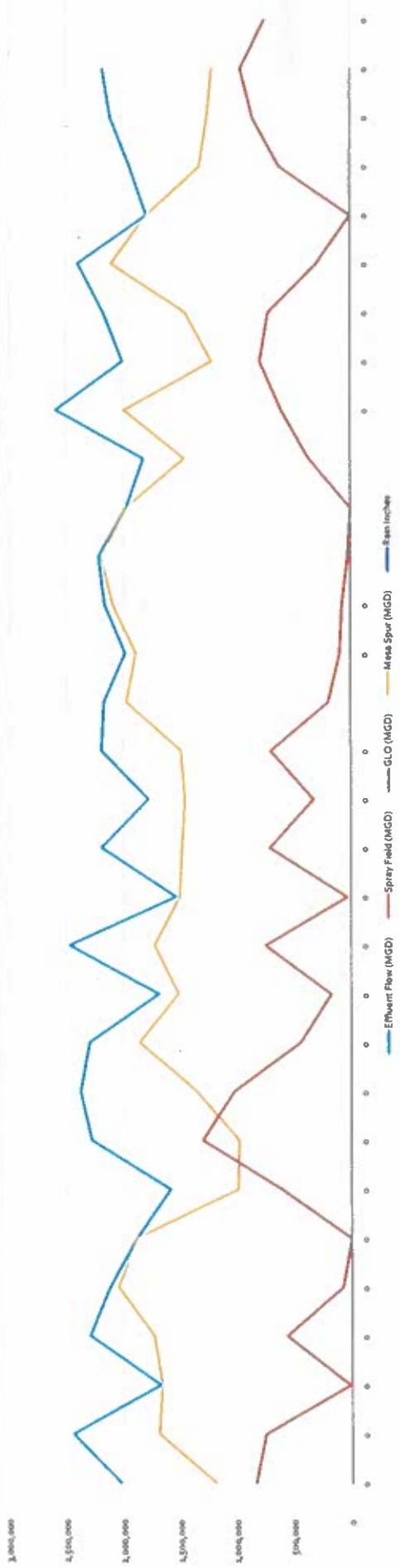
R.O. Plant

Month	Month	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gal.s Loss (-)	Water loss %
March 22	4/24/2022	12809	146,607	100,892	38,000	16,361	8.8%
April 22	5/30/2022	12844	170,803	117,013	34,050	11,665	11.0%
May 22	6/30/2022	12921	173,030	132,529	40,500	13,290	7.8%
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%



Wastewater Production and Quality

Wastewater Flows for the Month of March 2023



Wastewater Treatment Permit Summary - Month of March 2023

	DISCHARGE	Eff.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	2.080	Yes	69.3%
Avg. Sprayfield Flow	MGD	3	0.472	Yes	15.7%
Avg. GLO Flow	MGD	3	0.000	Yes	0.0%
Avg. Mesa Spur Flow	MGD	3	1.611	Yes	53.7%
Avg. Other Flow			-0.003	N/A	
Avg. eBOD	mg/L	10	8.5	Yes	
Avg. TSS	mg/L	15	6.4	Yes	
Avg. Ammonia Nitrogen NH3	mg/L	3	0.58	Yes	
Avg DO	mg/L	10	9.07	Yes	
E. coli Bacteria	CFU	126	3.1	Yes	
MIN. PH	STD UNITS	6.0	6.78	Yes	
MAX. PH	STD UNITS	9.0	7.27	Yes	

on \ applies if discharge

Water Quality Noncompliance Notification

: Unauthorized Discharge

: Reportable Effluent Violation

: Other

General Information

Entity Name: Horizon Regional MUD
Telephone No: 9153453799

: Permittee

: Subscriber

TCEQ Region: 6

County: El Paso

*Permit Number: WQ0010795001

Noncompliance Summary

Description of Noncompliance: CBOD - Daily Max, Date of Excursion: 03/23/2023, Permit Parameter: mg/l, Permit Value: 25 mg/l, Actual Value: 27.8 mg/l. CBOD - 7-Day Average, Date of Excursion: Week of 3/23/2023, Permit Parameter: mg/l, Permit Value: 15 mg/l, Actual Value: 27.8 mg/l.

Cause of Noncompliance: Influent has been FOG heavy, which is creating foaming on our aeration basins. This has impacted our treatment and

Duration: Start Date and Time: 3/19/2023 12:00 AM
End Date and Time: 3/25/2023 12:00 AM
Or Date Expected to be Corrected: [NSExpectedCorrected]

Potential Danger to Human Health and Safety or the Environment: Elevated levels of CBOD can impact aquatic life downstream, but no dangers were identified.

Actions Taken

Monitoring Data: Data should be attached or submitted to TCEQ when available.

Yes Field Measurements
No Laboratory Samples
No Fish Kill If yes, estimated number killed: 0

Actions Taken to Mitigate Adverse Effects: Wasting efforts have been increased, as well as continuously spraying down any carryover into clarifiers.

Actions Taken to Correct the Problem and Prevent Recurrence: Additional grease trap inspections have been performed in the collections system, as well as additional monitoring of the incoming FOG.

Verification Information

Information Reported By (Name/Title): Aldo Navarrete - Operations Manager

Date Reported: 4/18/2023

Signature: 

Note: If this form is being used for a 5-day written report, a copy of the form should be sent to the TCEQ Region Office, and the original to: TCEQ, Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087.

* If the noncompliance is an unauthorized discharge from a wastewater collection system, use the permit number of the treatment plant to which the collection system is tied. If you are uncertain of this permit number, you may call the TCEQ Regional Office for assistance.

Inframark

March 26,2023

Leak Report for March,2023

Address Date Street Meter Repaired Comments

200 Crocker	3/9/2023		X	X	Replaced with copper
14496 Freesia	3/9/2023	X		X	Replaced with copper
1504 Coronel	3/13/2023	X		X	Replaced with copper
13700 Paseo Rico	3/13/2023	X		X	Replaced with copper
301 Roslyn	3/23/2023	X		X	Replaced with copper
14337 Desert Cactus	3/24/2023		X	X	Replaced with copper
660 Danube	3/26/2023	X		X	Replaced with copper
633 Villa Victoria	3/29/2023	X		X	Replaced with copper
2351 Bill creek	3/30/2023	X		X	Replaced with copper
200 Crocker	3/31/2023		X	X	Replaced with copper
618 Edwall	3/31/2023		X	X	Replaced with copper
13813Desert Highs	3/31/2023		X	X	Replaced with copper
332 Higley Cir	3/31/2023	X		X	Replaced with copper
			Street	8	
			Meter	5	
			Total	13	

Date: April 18, 2023

Re: Operations Report for March,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>	One pump running / second pump at shop.
<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>	One pump running/ second pump at shop
<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>Holly 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.
EST 5	On line with distribution system / IDESA working on Scada system

Wastewater Treatment Plant

- 6 blowers are up and running.
Hauled 18 loads of sludge.
- GLO / off
- GC Lift Fully operational

Water Wells

Well 1 Not working

Well 2 operational

Well 3 operational

Well 4 operational

Well 5 operational

Well 6 operational

Well 7 Not working.

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.

General

Replaced valve on Kenazo and Woodhill

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: April 27, 2023

SUBJECT: April 27, 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. Regular meetings are now being held to discuss upcoming projects including the potential TIRZ and the improvements on Darrington, Horizon Boulevard and Pawling/Oxbow. TRE is under construction with a small portion of waterline within Pawling to be installed in advance of the Town's construction.

TRE and Inframark have regularly met with the Town and TxDOT regarding Darrington and Horizon Blvd reconstruction and are continuing to address specific line replacement and relocation requirements as part of the project scope. The construction on Horizon Boulevard has been accelerated and is anticipated to occur September 2023 – August 2025, either before or concurrently with the Darrington project. The 16-inch Horizon Blvd transmission main will be advertised within the next week for Award in May with a 150 day construction timeline. The 100% review set for the Darrington replacements was submitted to TxDOT on March 17, 2023 to be included with TxDOT's bid package.

HRMUD Engineering Report
April 27, 2023
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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 Number 16 is on the agenda for approval at this BOD meeting. The tank and waterline construction are complete and electrical and final sitework are underway.

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 is providing additional water quality samples for analysis by membrane manufacturers. TRE is initiating the rezoning process with the Town for the existing RO plant site and has begun the design of the new feedwater tank and associated booster pump station.

RO Concentrate Disposal Management

The updated hydrogeologic model and well data were prepared and revised permit documents were resubmitted to the TCEQ on March 16, 2023.

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 and is coordinating with Inframark regarding the specification of individual plant components. TRE has also initiated the WWTP permit renewal for the existing site. TRE is currently reviewing the additional wastewater quality results to be included in the permit submittal. The existing permit expires February 4, 2023.

Duanesburg Lift Station Rehabilitation

Construction began mid-January, construction has been completed and the lift station is on line with the system at this time. Change Order No. 1 and Pay Application Nos. 4 and 5 are on the agenda for approval at this BOD meeting, as is the recommendation for acceptance for operations and maintenance.

Wastewater Treatment Plant Digester Emergency Repair

Digester A is back in service. Repairs on Digester B have begun. Change Order No. 4 is on the agenda for approval at this meeting.

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GLO Lift Station Repair

Replacement of internal piping is complete and installation of the electrical and control panel are underway. Work to replace existing electrical wiring and junction boxes between the wet well and the control room is underway at this time.

Linda Troncoso will be at the April 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 4/19/23)
COMMITMENT APPLICATIONS

Job #	Job Title	Date Received	Additional Info Request	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Comments
1277-12364	13496 Horizon Blvd	3/29/2023					Under Review
1277-12365	13660 Horizon Blvd Landscaping						Under Review
1277-	McDonald's	4/3/2023					Under Review

TRE & ASSOCIATES, LLC (revised 4/19/23)
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	10/13/22 1st set 11/22/22 2nd set 2/26/23 3rd set		under review
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	3/6/2023		under review
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			plans under review
1277-12360	Morningside at Mission Ridge Unit 4	4/4/2023				plans under review
1277-12363	Circle K	4/10/2023				awaiting plan submittal

TRE & ASSOCIATES, LLC (revised 4/19/23)
CONSTRUCTION OBSERVATION

Job #	Job Title	Plan Approval	Construction Start Date	Comments
1277-12011	Horizon Mesa Self Storage	10/26/2021		awaiting construction start
1277-12059	HC Unit 91 Blk 791-792	9/9/2021	10/7/2021	under construction
1277-12152	905 Linwood	4/5/2022		awaiting construction start
1277-12133	HCU 51	8/25/2021	1/11/2023	awaiting acceptance
1277-12120	DECU4 - 13649 Eastlake-Shopping	3/22/2022	3/28/2022	under construction
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		awaiting construction start
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
1277-12249	201 S. Darrington	8/29/2022	9/21/2022	awaiting acceptance
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	under construction
1277-12051	Polar Services Center	1/10/2023		awaiting construction start

TRE & ASSOCIATES, LLC (revised 4/19/23)
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	approved
1277-12120	Darrington Eastlake Commerical Unit 4	11/10/2021	33	33	3/22/2022	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
1277-12059	HC Unit 91 Blk 791-792	6/9/2021	0	11	9/9/2021	approved
1277-12200	12504 Weaver Rd	3/29/2022	0	0	9/6/2022	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	8/17/2022	approved
1277-12209	PDEU9 PHI	5/5/2022	195	195	5/31/2022	approved
1277-12236	15071 Horizon Blvd	5/11/2022	0	1	8/2/2022	approved
1277-12240	Misler Car Wash	5/19/2022	25	25	10/27/2022	approved
1277-12249	201 S. Darrington	6/14/2022	0	6	8/29//2022	awaiting acceptance
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		awaiting revised plans
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 Albarton	11/9/2022	0	1		approved
1277-12329	14861 Hourma Ave	1/9/2023	0	1		awaiting plan submittal
1277-12333	Albertson's	2/21/2023	45	45		under review
1277-12341	Market at Darrington Shops	2/21/2023	22	22		under review
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
1277-12358	Summer Sky North Unit 2 Phase I	3/23/2023	158	158		under review
1277-12360	Morningside at Mission Ridge Unit 4	4/4/2023	0	1		under review
1277-12363	Circle K	4/10/2023	10	10		awaiting plan submittal

**TOTAL OUTSTANDING
COMMITMENTS**

1479

1527