

**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, May 25, 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 (<i>absent</i>)	-	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. - Tom Urrabazzo, Frank Ortiz, Ricardo Felix. El Paso Disposal - Lorena Quezada. P & Q Utilities – Emma Hinojos. The Pledge of Allegiance was said with audience participation.

4. RECEIVE CITIZEN COMMUNICATIONS.

Rodrigo Cazares.

Mr. Rodrigo Cazares introduced himself and his companion Pepe, to address The Board stating he had some questions regarding some land they own in Horizon and wanted to know if there was anything in the future for service to be provided to the property. Director Jarvis explained the information being presented would need to go the city's planning department and that The District provides water and wastewater to everyone within The District and The District's Engineer would be the one to talk about any upcoming development in the area and if it's outside the City of Horizon they would need to go to the County for any future development.

Norma Loya.

Ricardo Felix addressed the Board and explained Ms. Loya submitted an application to the engineers for service for a lot in Unit 9 and what's happening is there is a stub out about 600 feet from her property and TCEQ has a minimum requirement of 600 feet for a line stub out and Ms. Loya would be required to extend the waterline along the frontage of her property. By doing this the customer would go over the maximum of 600 feet she would go over 680 feet and would then have to loop the waterline along the block to Tioga St which is approximately 2500 feet and Ms. Loya was present to request an exception. Director Jarvis explained to The Board Ms. Troncoso presented this matter at the Engineering meeting and said they did not have a problem if The Board accepts and if the customer decides to move forward. Mr. Alan Petrov added should the Board decide to move forward this should be formally approved as an agenda item on one of the next meetings.

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 April 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. 5 for Summer Sky North Unit One Drainage, Water and Wastewater Improvements Phase I.
- E: Consider and Take Action on Pay Estimate No. 1 for Pawling Waterline installation.
- F: Consider and Take Action on Pay Estimate No. 10 for Sludge Digester Repairs.

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

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

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

Mr. Ricardo Felix updated The Board regarding the Horizon View Estates Project and stated the approval has not yet been received but once it is they will be able to move forward with the design which will take about 18 months. From that point they would then be able to begin working on approvals and ask for grant money.

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

All in favor: 3 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.**

Mr. Ricardo Felix and Mr. Frank Ortiz 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 Barton.

All in favor: 3 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 the month of April was surprisingly very good even though they started killing the greens. On the revenue side they ended up with \$10,000.00 over budget & sold \$112,000.00. Mr. Delgadillo stated there were only a few expenses that were hitting in the wrong month which were budgeted in March and had to purchase a few irrigation parts to keep expanding the irrigation. Overall, the golf course made \$19,000.00 in profit, about \$4,500.00 ahead of budget.

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 Barton.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

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

Mrs. Emma Hinojos presented for Moonlight P&Q Utilities. Ms. Hinojos stated she had done some visits to schools to offer room rentals to book their banquets and has done well and has had several schools book their events. Ms. Hinojos asked on behalf of Moonlight P&Q LLC to lower rent due to the golf course rehabbing the greens. The more she spoke about the issue she realized her answer which was no due to the fact that the golf course did not close. Ms. Hinojos reported the finances were surprising and were able to get more business during the weekends and weekdays. She reported the swimming pool was filtering beautifully after continuous help from Mr. McGinnis and she wanted to know if it could be covered. Mr. McGinnis stated that it did used to have a cover in the past so it can be covered.

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

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

11. CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 5 FOR SLUDGE DIGESTER REPAIRS.

Mr. Frank Ortiz explained this change order in the amount of \$13,958.00 is for the replacement of the air drop supports within the digester. RM Wright realized the air drop support fabricator provided them an error so there was a credit amount of \$12,346.00 bringing the cost down from \$26,304.00 to \$13,958.00. Mr. McGinnis stated he saw RM Wright had already hauled all the metal but still had a bunch of concrete left and wanted to know what they were going to do with it since The Board had already paid a lot of money to

get rid of it. Mr. Ortiz stated they would be disposing of it.

Director Thomas made a motion to approve Change Order No. 5 in the amount of \$13,958.00 for sludge digester repairs and was seconded by Director Barton.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

12. **CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 1 FOR PAWLING WATERLINE INSTALLATION.**

Mr. Frank Ortiz explained this change order in the amount of \$7,800.00, the original plan was to reconnect the existing fire hydrant that is connected to the AC line however during excavation they realized they could not salvage the old fire hydrant, so they installed a new fire hydrant which is the result of this pricing.

Director Barton made a motion to approve Change Order No. 1 in the amount of \$7,800.00 for Pawling waterline replacement and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

13. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 2 (final) FOR PAWLING WATERLINE INSTALLATION.**

Director Jarvis stated this is the final pay estimate for the change order that had just been approved.

Director Barton made a motion to approve the final pay estimate No. 1 for Pawling waterline installation in the amount of \$31,124.40 and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

14. CONSIDER AND TAKE ACTION ON ACCEPTANCE OF PAWLING WATERLINE INSTALLATION FOR OPERATIONS AND MAINTENANCE.

Mr. Frank Ortiz explained all the paperwork is in and work is complete.

Director Barton made a motion to accept the Pawling waterline installation for operations and maintenance and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

15. CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 3 FOR ELEVATED STORAGE TANK No. 5.

Mr. Frank Ortiz stated this change order in the amount of \$19,870.20 is due to the change in fencing. There was a credit given for the wrought iron fence that was switched out in the amount of \$35,750.00. The addition of the 8 foot wrought iron fence and the chain link with the barbed wire is a total of \$19,870.20.

Director Barton made a motion to approve the deductive change order in the amount of \$19,870.20 and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

16. **CONSIDER AND TAKE ACTION ON PAY APPLICATION No. 17 (final) FOR ELEVATED STORAGE TANK No. 5.**

Item requested to be tabled.

Item tabled.

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

Item requested to be tabled.

Item tabled.

18. **CONSIDER AND TAKE ACTION ON RECOMMENDATION OF AWARD FOR 16" WATERLINE – ASHFORD TO KENAZO.**

Mr. Frank Ortiz stated they received a total of 3 bids with the lowest bid being El Paso Underground in the amount of \$4,284,539.05 that includes the add alternate.

Director Barton made a motion to approve the recommendation of award for 16"

waterline to El Paso Underground and was seconded by Director Barton.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

19. CONSIDER AND TAKE ACTION ON REHAB OF DESERT WELL 2-35.

Mr. McGinnis requested prices from several contractors and only received one from WHB Pump Sales in the amount of \$18,087.00.

Director Barton made a motion to approve the quote from WHB Pump Sales in the amount of \$18,087.00 for the rehab of desert well 2-35 and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

20. CONSIDER AND TAKE ACTION ON PAYMENT FOR ADVANCE PAYMENT AGREEMENT WITH TEXAS DEPARTMENT OF TRANSPORTATION FOR NORTH DARRINGTON PROJECT.

Mr. Ricardo Felix explained this is the first payment according to the agreement signed with TxDOT for the Darrington water and wastewater placement from Ryderwood to Oxbow.

Director Barton made a motion to approve the payment for the advance payment agreement with Texas Department of Transportation for North Darrington project and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

21. **CONSIDER AND TAKE ACTION TO APPROVE THE 2022 DRINKING WATER QUALITY REPORT (CCR).**

Mr. Carlos McGinnis explained this report is required by TCEQ to be posted and sent to customers informing them the water is in compliance with all regulations TCEQ is looking for.

Director Barton made a motion to approve the 2022 Drinking Water Quality Report and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

22. **CONSIDER AND TAKE ACTION TO APPROVE LEASE AGREEMENT WITH WILLOW TREE CHILD CARE AND LEARNING CENTER.**

Item requested to be tabled.

Item tabled.

23. CONSIDER AND TAKE ACTION ON PURCHASE OF SPARE PUMP FOR VENY WEBB LIFT STATION.

Mr. Carlos McGinnis stated as discussed in the Engineering Meeting, they are needing a spare pump for the Veny Webb Lift Station and presented the quote for \$25,700.00 for the 20 HP Flygt Submersible Pump to the Board and is requesting the Boards approval.

Director Barton made a motion to approve the purchase of the spare pump for Veny Webb Lift Station from JCH in the amount of \$25,700.00 and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

24. CONSIDER AND TAKE ACTION ON PURCHASE OF SPARE PUMP FOR BIGLON LIFT STATION.

Mr. McGinnis presented the quote for the purchase of an 85 HP Flygt Model spare pump for Biglon Lift Station in the amount of \$80,746.00 and is requesting the Boards approval.

Director Barton made a motion to approve the purchase of the spare pump for Biglon Lift Station from JCH in the amount of \$80,746.00 and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

25. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 4 (final) FOR GLO LIFT STATION.**

Item requested to be tabled.

Item tabled.

26. **CONSIDER AND TAKE ACTION ON RECOMMENDATION OF ACCEPTANCE FOR GLO LIFT STATION FOR OPERATIONS AND MAINTENANCE.**

Item requested to be tabled.

Item tabled.

27. **CONSIDER AND POSSIBLE ACTION REGARDING LITIGATION MATTERS.**

Mr. Alan Petrov had items for executive session.

28. **EXECUTIVE SESSION, AS NECESSARY.**

Executive session at 7:08 pm.

Back from Executive session at 7:25 pm.

Director Barton made a motion to approve legal counsel to move forward with negotiations with HZ Ventures for real estate dealing and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

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

No matters to discuss.

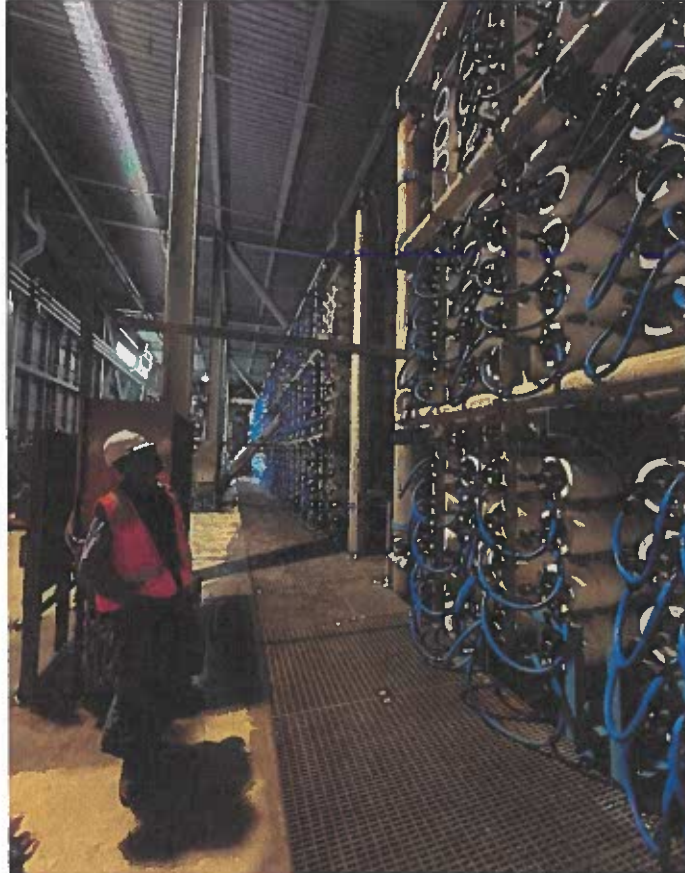
There being no further business before the Board, the meeting was upon motion made by Director Barton and seconded by Director Thomas all in favor and carried, adjourned at 7:26 p.m.

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
April 2023
Board Meeting Date: 5-25-2023**

Reviewed By: Carlos McGinnis

5/25/2023



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: 5/25/23

Memorandum for: Board of Director's Horizon Regional MU

From:

Subject: General Manager's Executive Summary Report

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

1) Wastewater Treatment Plant

- a) Digester repairs are ongoing
- b) GLO Lift Station is back online
- c)

2) Distribution System – Billing

- a) Using new Meters for change outs and new connections
- b) Gate Valve was replaced on Northport and Kenazo
- 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) Award of 16" Water Line on Agenda for Approval
- b)

6) Customer Care

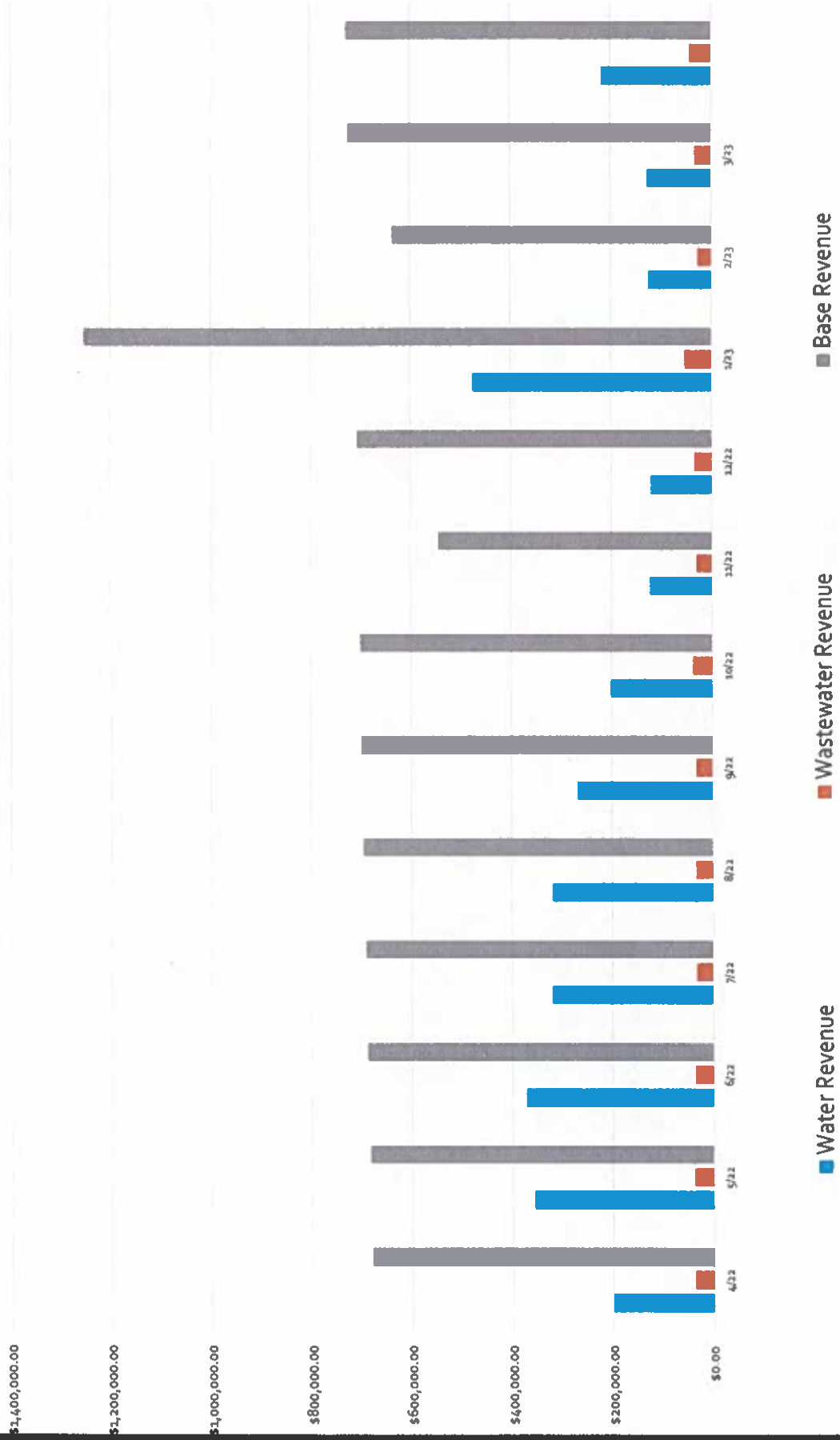
- a) Assisted 7 Customers with payment plans.
- b) 194 Disconnections were done.

7) Moonlight Lease

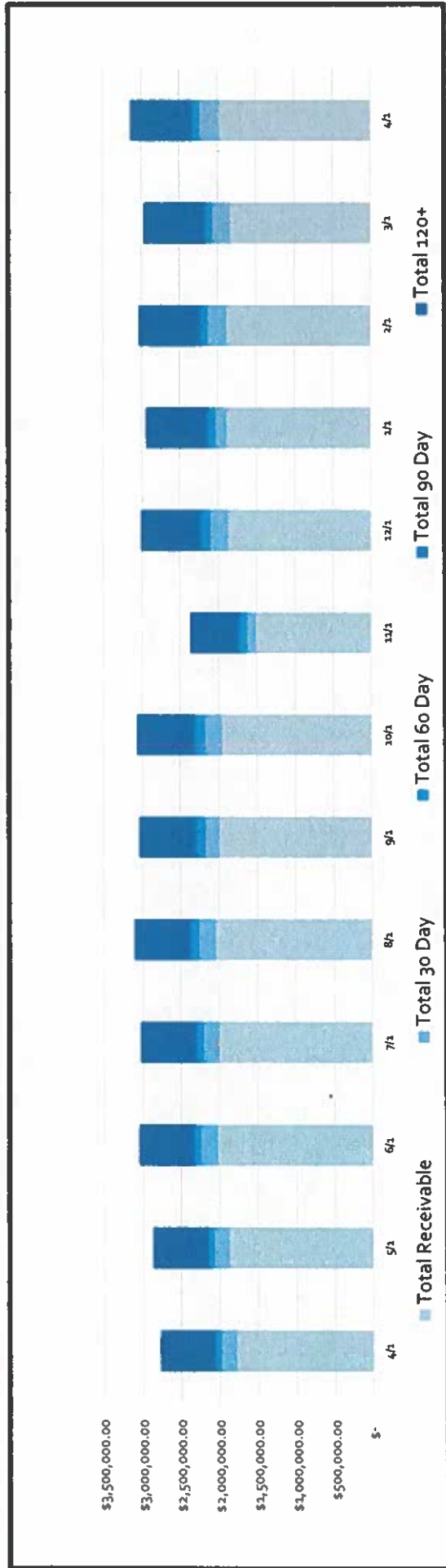
- a) May lease payment paid along with extra payment with interest to catch up.
This is the last one of the Double payments.

Description	Connections	
	Apr-22	Apr-23
Residential	12,421	13,127
Commercial	249	255
Irrigation	57	70
School	20	24
Municipal	16	18
Church	12	12
Bulk Meter	34	30
Total Number of Accounts Billed	12,809	13,536
	Consumption	
Residential	85,500,700	87,624,800
Commercial	4,794,800	4,670,900
Irrigation	3,781,500	7,190,300
School	1,226,800	1,286,000
Municipal	371,800	2,440,100
Church	294,400	46,500
Bulk Meter	4,899,900	1,184,800
Total Gallons Consumed	100,869,900	104,443,400
	Average Consumption	
Residential	5,556	6,675
Commercial	15,474	18,317
Irrigation	23,596	102,719
School	13,395	53,583
Municipal	11,900	135,561
Church	11,267	3,875.00
Bulk Meter	51,359	39,493
Avg Water Use for Accounts Billed	7,875	7,716
Total Billed	\$ 921,388	\$ 990,972
Total Aged Receivables	\$ 854,832	\$ 979,131
Total Receivables	\$ 1,776,220	\$ 1,970,103

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+
Apr-22	\$ 1,778,220.26	\$ 205,391.58	\$ 64,233.14	\$ 16,959.35	\$ 716,364.40
May-22	\$ 1,874,079.57	\$ 197,287.37	\$ 64,578.63	\$ 16,799.24	\$ 721,239.50
Jun-22	\$ 2,020,620.46	\$ 226,445.16	\$ 67,428.82	\$ 16,754.16	\$ 720,798.42
Jul-22	\$ 2,000,354.05	\$ 209,579.87	\$ 72,194.90	\$ 16,543.31	\$ 728,479.80
Aug-22	\$ 2,045,034.85	\$ 215,254.55	\$ 98,437.91	\$ 19,396.64	\$ 731,065.88
Sep-22	\$ 1,989,749.11	\$ 192,801.98	\$ 94,129.34	\$ 25,073.53	\$ 738,023.86
Oct-22	\$ 1,853,972.50	\$ 229,150.80	\$ 97,487.66	\$ 36,880.64	\$ 751,768.05
Nov-22	\$ 1,506,346.43	\$ 119,949.92	\$ 81,596.41	\$ 34,580.80	\$ 620,670.19
Dec-22	\$ 1,864,893.63	\$ 234,982.69	\$ 95,320.86	\$ 34,363.76	\$ 778,877.86
Jan-23	\$ 1,881,203.33	\$ 151,491.07	\$ 83,008.17	\$ 39,024.33	\$ 792,288.63
Feb-23	\$ 1,880,020.19	\$ 252,680.89	\$ 78,856.08	\$ 21,919.65	\$ 800,043.52
Mar-23	\$ 1,837,082.90	\$ 229,234.52	\$ 78,427.61	\$ 21,626.67	\$ 800,065.06
Apr-23	\$ 1,970,103.46	\$ 265,646.23	\$ 74,047.25	\$ 21,941.54	\$ 804,576.93

Board Consideration to Write Off
 Board Consideration Collections

Delinquent Letter Mailed 801
 Delinquent Tags Hung N/A
 Disconnects for Non Payment 194



Water Production and Quality

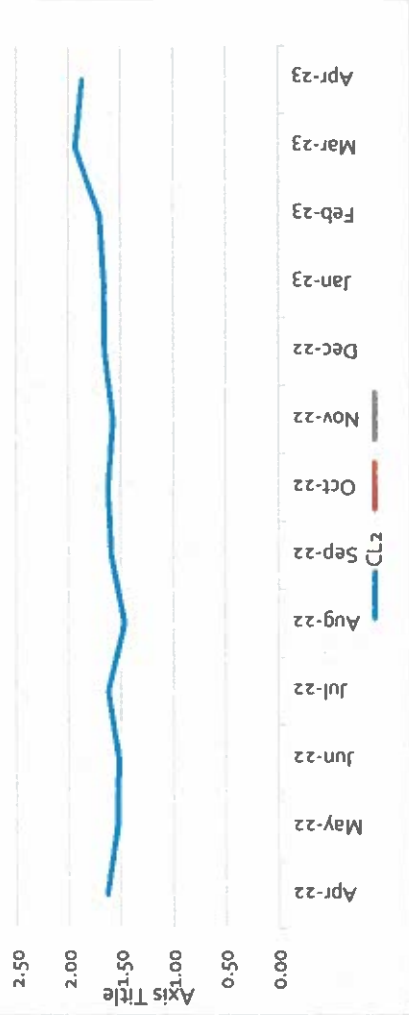
Water Quality Monitoring

1.64

Current Annual CL2 Avg

Requirements	Date	CL2	Min .02
	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	
	Apr-23	1.86	

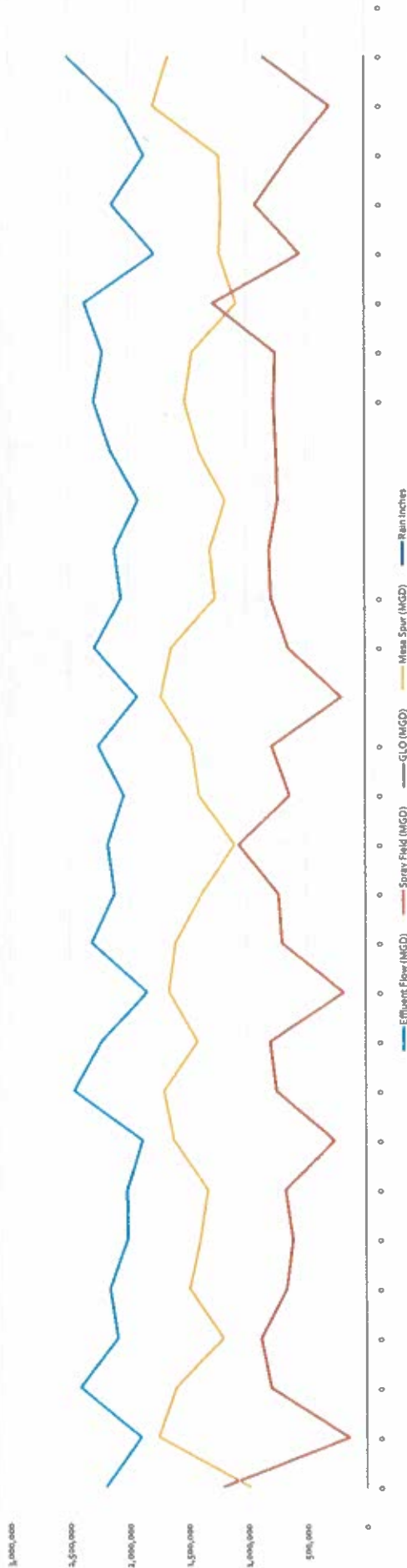
CL2 - Free





Month	Month	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gal.s Loss (-)	Water loss %
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%
April 23	5/25/2023	13536	120,193	104,443	10,000	5,750	4.0%

Wastewater Flows for the Month of April 2023



Wastewater Treatment Permit Summary - Month of April 2023

	DISCHARGE	Eff.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	2.200	Yes	73.3%
Avg. Sprayfield Flow	MGD	3	0.780	Yes	26.0%
Avg. GLO Flow	MGD	3	0.000	Yes	0.0%
Avg. Mesa Spur Flow	MGD	3	1.420	Yes	47.3%
Avg. Other Flow			0.000	N/A	
Avg. cBOD	mg/L	10	3.5	Yes	
Avg. TSS	mg/L	15	5.0	Yes	
Avg. Ammonia Nitrogen NH ₃	mg/L	3	0.50	Yes	
Avg DO	mg/l/L	10	8.73	Yes	
E. coli Bacteria	CFU	126	11.0	Yes	
MIN. PH	STD UNITS	6.0	6.99	Yes	
MAX. PH	STD UNITS	9.0	7.50	Yes	

only applies if discharge

Inframark

Leak Report For April

May 24, 2023

Address	Date	Street	Meter	Repaired	Comments
857 Stumm	4/2/2023			X	Replaced with copper
13000 Horizon	4/3/2023	X		X	Replaced with copper
238 Sunset Hills	4/4/2023	X		X	Replaced with copper
1413 Osullivan	4/4/2023		X	X	Replaced with copper
14700 Summit Breeze	4/6/2023	X		X	Replaced with copper
14732 Desert Wind	4/6/2023	X		X	Replaced with copper
15910 Lavina	4/5/2023		X	X	Replaced with PVC
14229 Desert Mesquite	4/10/2023	X		X	Replaced with copper
205 Lago Maggiore	4/10/2023		X	X	Replaced with copper
290 Sunset Hills	4/10/2023	X		X	Replaced with copper
15320 Faiwood	4/10/2023	X		X	Replaced with copper
205 Sugar Hills	4/10/2023	X		X	Replaced with copper
1603 Blackmon	4/11/2023		X	X	Replaced with PVC
13857 Paseo Del Mar	4/12/2023	X		X	Replaced with copper
1201 Zapata	4/12/2023	X		X	Replaced with copper
14290 Desert Bush	4/14/2023	X		X	Replaced with copper
14496 Freesia	4/14/2023	X		X	Replaced with copper
14708 Summit Breeze	4/14/2023	X		X	Replaced with copper
1500 Ashford	4/15/2023	X		X	Replaced with copper
1609 Catham	4/15/2023	X		X	Replaced with copper
416 Desert Chikory	4/17/2023	X		X	Replaced with copper
364 Cross River	4/18/2023	X		X	Replaced with copper
713 cascada	4/20/2023	X		X	Replaced with copper
748 Desert Sage	4/20/2023	X		X	Replaced with copper
14229 Desert Mesquite	4/20/2023	X		X	Replaced with copper
242 Sunset Hills	4/21/2023	X		X	Replaced with copper
238 Sunset Hills	4/21/2023	X		X	Replaced with copper
13208 Cameldale	4/24/2023		X	X	Replaced with PVC
14016 Cliffrose	4/25/2023	X		X	Replaced with copper
409 Desert Chickory	4/25/2023	X		X	Replaced with copper
14008 Desert Song	4/26/2023		X	X	Replaced with PVC
16010 Keno	4/26/2023		X	X	Replaced with PVC
18007 Carson	4/26/2023		X	X	Replaced with PVC
3604 Coleville	4/27/2023		X	X	Replaced with PVC
469 Loring	4/27/2023		X	X	Replaced with PVC
14713 Pasje	4/27/2023		X	X	Replaced with PVC
					Street Leaks 24
					Meter Leaks 11
					Total 35

Date: May 16, 2023

Re: Operations Report for April,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>	one pump running/second pump at shop
<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

- 6 blowers are up and running.
Hauled 28 loads of sludge.
- GLO / off
- GC Lift Fully operational

Water Wells

Well 1 Not working/WHB working on it
Well 2 operational
Well 3 operational
Well 4 operational
Well 5 operational
Well 6 operational
Well 7 Not working/WHB working on it
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

Northport and Kenazo

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: May 18, 2023

SUBJECT: May 25, 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. Construction is complete on a small portion of waterline within Pawling in advance of the Town's construction and the pay applications and recommendations for acceptance for operations and maintenance are on the agenda for approval at this meeting.

The 16-inch Horizon Blvd transmission main from Ashford to North Kenazo has been advertised and bids will be received on May 23 for award at the May 25th BOD meeting. The 100% review set for the Darrington replacements was submitted to TxDOT on March 17, 2023 to be included with TxDOT's bid package. A partial payment for the District's portion of the construction project is on the agenda for approval.

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. Change Order No. 3 and Pay Estimate Number 17 (final), and a 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. 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. Additional supplemental data was received from the hydrogeologist on May 16th and will be submitted to the TCEQ by May 19, 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 (up to 7.0 MGD) and is coordinating with Inframark regarding the specification of individual plant components. TRE has also initiated the WWTP permit renewal for the existing site and will submit to the TCEQ within the next two weeks. The existing permit expires February 4, 2023.

Wastewater Treatment Plant Digester Emergency Repair

Digester A is back in service. Repairs on Digester B have begun. Change Order No. 5 and Pay Application No. 10 are on the agenda for approval at this meeting.

GLO Lift Station Repair

The lift station construction and start up are complete. The final pay application and recommendation for acceptance for operations and maintenance are on the agenda for approval at this meeting.

HRMUD Engineering Report
May 18, 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.

Frank Ortiz and Ricardo Felix will be at the May 25th 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 5/17/23)
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		5/9/2023	5	5	Approved
1277-12365	13660 Horizon Blvd Landscaping	4/3/2023		4/21/2023	0	2	Approved
1277-12367	McDonald's	4/3/2023		5/1/2023	26	26	Approved
1277-12370	Fellmere St	4/10/203		-	-	-	Application Withdrawn
1277-12372	332 Spanaway St	4/20/2023		5/17/2023	0	1	Under Review

TRE & ASSOCIATES, LLC (revised 5/17/23)
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 4/28/2023 4th 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	3/6/2023-1st set 4/25/2023-2nd set		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			4/5/2023	Approved
1277-12363	Circle K	4/10/2023	4/4/2023-1st	5/3/2023 - 1st		awaiting revised plans
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				awaiting plan submittal
1277-12372	332 Spanaway St	5/17/2023				awaiting plan submittal

TRE & ASSOCIATES, LLC (revised 5/17/23)
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		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	under construction
1277-12051	Polar Services Center	1/10/2023		awaiting construction start

TRE & ASSOCIATES, LLC (revised 5/17/23)
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
1277-12136	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
1277-12200	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	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		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 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		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
1277-12356	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	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		awaiting plan submittal
1277-12365	13660 Horizon Blvd Landscaping	4/21/2023	5	5		awaiting plan submittal
1277-12367	McDonald's	5/1/2023	26	26		awaiting plan submittal
1277-12372	332 Spanaway St	5/17/2023	1	0		awaiting plan submittal

**TOTAL OUTSTANDING
COMMITMENTS**

1478

1510