

**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 28, 2022, 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: Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Zach Petrov. TRE & Associates Inc. - Linda Troncoso, Frank Ortiz, Tom Urrabazo, Ricardo Felix. El Paso Disposal – Andy. Horizon Golf & Conference Center – Luis Delgadillo. El Paso County Precinct 3 – Gabriella Fraga. Horizon View Estates – Rafael Padilla. The Pledge of Allegiance was said with audience participation.

4. RECEIVE CITIZEN COMMUNICATIONS.

The first citizen communication was Mr. Jesse Moore.

Mr. Jesse Moore spoke to the Board regarding the recent \$3.00 base rate increase and getting water utility bills itemized. Mr. Moore stated he felt insulted by the rate increase due to the Board having agreed at a prior meeting it had been two years since the previous increase and stated the rates should have a reason i.e. new equipment, maintenance on equipment etc. and wanted justification for the increase. The second point Mr. Moore wanted to point out was the itemization of the monthly bills. Mr. Moore stated it had been about 3 years he had gone before the Board to informally ask this so the taxpayers/ customers know where their money is going.

Director Jarvis spoke first regarding the rate increase. He stated the comment regarding it having been two years since the last increase, may have been taken out of context. Director Jarvis

informed Mr. Moore, that he is on the Budget Committee, and they too are seeing the rate increases in everything the District buys, everything is costing more and more money. Director Jarvis explained the rate increase was placed ahead of time so the District can start building their reserves and that was a decision made by the budget committee and the Board as a whole. Director Jarvis also explained these topics and decisions are all discussed at the monthly meetings that the citizens are more than welcome to attend and welcomes any questions or comments. Next Director Jarvis spoke regarding the trash service and explained there were some issues during the pandemic with trucks breaking down and getting parts but explained Horizon customers are the only ones in the county that receive twice a week pick-up and explained there is a contract with El Paso Disposal and when the contract was renegotiated they (El Paso Disposal) had a slight increase and decided to put it off for a period of time so the District would not get in to rears on the trash service. The third item Director Jarvis spoke about was breaking down the bill, and explained the trash is not broken out from the base rate because by Texas Law if that was broken out as a separate item the customer will have to pay sales tax.

Mr. Moore stated the bills were not transparent and would be willing to pay sales tax to make them transparent.

Director Jarvis replied and stated as a Board the decision was made. The taxpayers are already paying taxes in this district and to the city and should not have to pay another tax for their trash service.

The second citizen communication was Mr. Scott Winton.

Mr. Scott Winton was in representation of Mr. Pierre Hernandez who has been assembling property in the area and mainly wanted to introduce himself and Mr. Diego Vazquez who is Mr. Hernandez's business manager. Mr. Winton stated they would be going before the Board in the future to discuss service issues and other opportunities. Mr. Winton added that Mr. Hernandez is in the process of assembling what may be about 1150 acres and would be in the Horizon District or the Lower Valley's district and wants to develop a master plan for to have a variety of houses of open space and was asking for a point of contact and also as a neighbor and stated Mr. Hernandez owns some property by the evaporation ponds where there had been a breach. Mr. Winton stated he had spoken to Ms. Linda Troncoso before the meeting, and she stated her office would be their point of contact.

Ms. Troncoso added she and Mr. Winton had a history together from other developments and talked about the fact that the ponds were one of the issues and her office had reached out their office when it happened and also to Inframark to remediate. Ms. Troncoso stated that their point of contact would either be her office or Mr. Charlie McGinnis.

The third citizen communication was Ms. Gabriella Fraga.

Ms. Fraga stated she was with Commissioner Iliana Holguin Precinct 3 on a special request from the Horizon View Estates regarding the bond passed for their sewer project and stated they (HVE) had not seen anything to date and wanted to see what was happening with this project.

Ms. Troncoso replied to Ms. Fraga that she was preparing a formal response for Commissioner Holguin that updates them on everything related to the Texas Water Development Board and the updated feasibilities on the environmental findings and would be sending them to Commissioner Holguin and briefly explained what the first grant money received was for with the Horizon View Estate Project and the process is broken down in two parts, first is the feasibility study and second was the environmental approval and stated that the TWDB was still working remotely.

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 Minutes for Special Board Meeting on March 21, 2022 and Regular Board Meeting on March 24, 2022.
- C: Consider and Take Action to approve the Financial Statement for the month ending March 31, 2022.
- 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. 4 for Elevated Storage Tank #5.
- F: Consider and Take Action on Pay Estimate No. 5 for Rancho Desierto Bello Unit 15 Phase I Water and Wastewater Improvements.
- G: Consider and Take Action on Pay Estimate No. 7 for Summer Sky Phase II Water and Wastewater Improvements.
- H: Consider and Take Action on Pay Estimate No. 11 for HRMUD water supply Wells # 10 & 11.

Motion was made by Director Hulsey and seconded by Director Barton 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. This item was discussed in the citizen communications.

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 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. Delgadillo presented the management report for Spray Field. He reported March was a good month for the golf course and with only a few days left in April it looks to be a good month as well. He stated the golf course was already about 23% ahead of budget and assumed they would be over \$30,000 on the revenue side. Mr. Delgadillo reported they have been having over 200 rounds Saturdays and Sundays with Saturdays being booked from 6 a.m. to 4 p.m. and Sundays until about 2 p.m. Mr. Delgadillo reported the golf course had done \$97,000 in revenue which was \$30,000 ahead of budget compared to last year which was \$86,000. On the expense side the golf course spent about \$12,000 more due to repairs and maintenance on equipment, on the irrigation and on gas and diesel as the prices have gone up considerably.

Director Hulsey made a motion to approve the Management 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&Q, LLC.

No one present for Moonlight P&Q LLC. Director Barton commented regarding the restaurant having two menus and having two cooks not being able to cook off each other's menus and the service for the golfers being slow. Director Jarvis added the opening/staring time needs be addressed and corrected.

No action necessary.

11. CONSIDER AND TAKE ACTION ON PURCHASE OF 6 GLOBE STYLE CHECK VALVES FOR RO TRAINS.

Mr. McGinnis reported the needed to replace the check valves at the RO because the existing valves have been there for a long time and is requesting permission to purchase the silent check valves costing \$1,357.52 each from Pure Ops. Director Jarvis asked who would be installing the valves and per Mr. McGinnis they would be installed by Inframark employees.

Director Hulsey made a motion to approve the purchase of 6 Globe Style Check Valves for the RO trains in the amount of \$9,616.56 and was seconded by Director Barton.

All in favor: 4 ayes
Opposed: 0 none

Motion passed to approve.

12. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 11 (FINAL) FOR DUANESBURG/BIGLON FORCE MAIN IMPROVEMENTS.**

Ms. Troncoso stated the paperwork is in and work is complete and ready to close out project.

Director Hulsey made a motion to approve Pay Estimate No. 11 and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

13. **CONSIDER AND TAKE ACTION ON RECOMMENDATION FOR ACCEPTANCE FOR OPERATIONS AND MAINTENANCE OF DUANESBURG/BIGLON FORCE MAIN.**

Ms. Troncoso requested this item be tabled.

Item tabled no action necessary.

14. **CONSIDERATION AND TAKE ACTION ON CHANGE ORDER No. 4 AND 5 FOR HRMUD WATER SUPPLY WELLS # 10 & 11.**

Ms. Troncoso reported change order no. 4 is in the amount \$7,897.31 which increased due to the price increase in electrical copper and change order no. 5 in the amount of \$4,871.35 which is the cost associated with the replacement of material and labor for the break-in and theft of material for wells 10 & 11 and while normally theft is covered by builders insurance, the contractor has not charged for extended cost for the additional year they have been on the job.

Director Hulsey made a motion to approve Change Order No. 4 and 5 for the HRMUD water supply Wells # 10 and 11 based on engineer recommendation and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

15. CONSIDER AND TAKE ACTION ON PURCHASE OF STAINLESS SCREEN LINER FOR I-10 WELL No. 5.

Ms. Troncoso presented the quotes from Santa Rosa for the materials and installation associated with the screen and packing for Well No. 5 and are attempting to expedite as it will take three weeks to fabricate. The price is in the amount of \$135,000.00.

Director Hulsey made a motion to approve the purchase of stainless screen liner for I-10 Well No. 5 in the amount of \$135,000.00 from Santa Rosa Well Service and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

16. CONSIDER AND TAKE ACTION ON INSTALLATION OF SCREEN LINER FOR I-10 WELL No. 5.

Director Hulsey made a motion to approve the installation of screen liner for I-10 Well No. 5 in the amount of \$21,750.00 and was seconded by Director Barton.

All in favor: 4 ayes.

Opposed: 0 none

Motion passed to approve.

17. **CONSIDER AND TAKE ACTION ON PURCHASE OF PUMP AND PIPING FOR I-10 WELL No. 5.**

Ms. Troncoso requested item to be tabled.

No action necessary.

18. **CONSIDER AND TAKE ACTION ON PERFORMING REQUIRED TANK INSPECTIONS FOR DISTRICT.**

Ms. Troncoso requested item be tabled.

No action necessary.

19. **CONSIDER AND POSSIBLE ACTION REGARDING AN ORDER EXCLUDING LAND AND REDEFINING THE BOUNDARIES OF THE DISTRICT (BOWLING LAND INVESTMENTS LLC).**

Mr. Zach Petrov stated the district received a petition in accordance with the Texas water code, chapter 49 requesting an exclusion of approximately 5 acres of land. It is located on the west side of the district. Ms. Troncoso added this piece of property is miles away from district lines. Mr. Petrov added the property owners are required to pay taxes on the remaining bonds however after de-annexation the district does not have to pay for the additional bonds issued after.

Director Hulsey made a motion to approve an order excluding land and redefining the boundaries of the district and was seconded by Director Barton.

All in favor: 4 ayes

Opposed: 0 none

Motion passed to approve.

20. **EXECUTIVE SESSION, AS NECESSARY.**

Board of Directors went into executive session at 7:25 p.m.

Back from executive session at 7:41 p.m.

No action necessary.

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

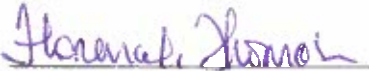
No items or matters to discuss.

There being no further business before the Board, the meeting was upon motion made by Director Hulasey and seconded by Director Barton all in favor and carried, adjourned at 7:42 p.m.

READ, APPROVED AND ADOPTED THIS 6th DAY OF JULY 2022.



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



FLORENCE THOMAS, TREASURER
Board of Directors
Horizon Regional M.U.D.

CM/VS



**Horizon Regional MUD
General Manager Reports for the month of
March 2022
Board Meeting Date: 4-28-2022**

Reviewed By: Carlos McGinnis
Date: 04-28-2022



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: 04/28/2022

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 scheduled to start.
- b) We are waiting for parts to be delivered for Main Bar Screen.
- c) GLO Lift Station is awaiting start.

2) Distribution System – Billing

- a) No meters were replaced due to manufacturing delays
- b) Repaired 16 service line leaks and 1 meter leaks
- c) Replaced 1 gate valve on Paseo de Suerto/Paseo Sereno.

3) Collection System

- a) Duanesburg/Kenazo force main project is on Agenda for acceptance.
- b) Bain Construction is working on the new lift station for the Catholic church

4) Ponds

- a) Atomizers are running are replacing more of the motors that are failing.
- b)

5) Construction

- a) Smithco is working on Well 11
- b) Elevated Storage construction is moving quickly.

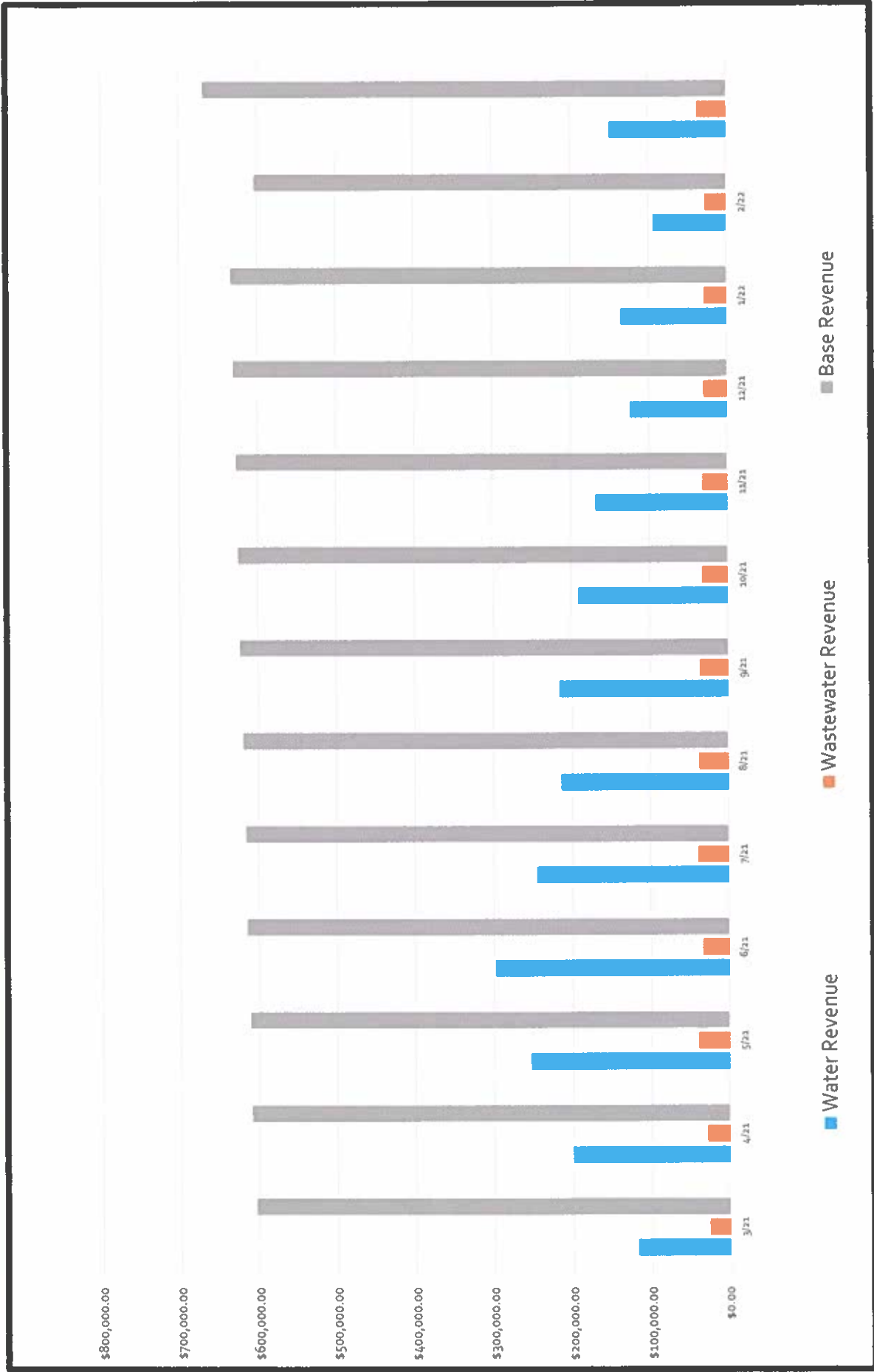
6) Customer Care

- a) Assisted 7 Customers with payment plans.
- b) 158 Disconnections were done.

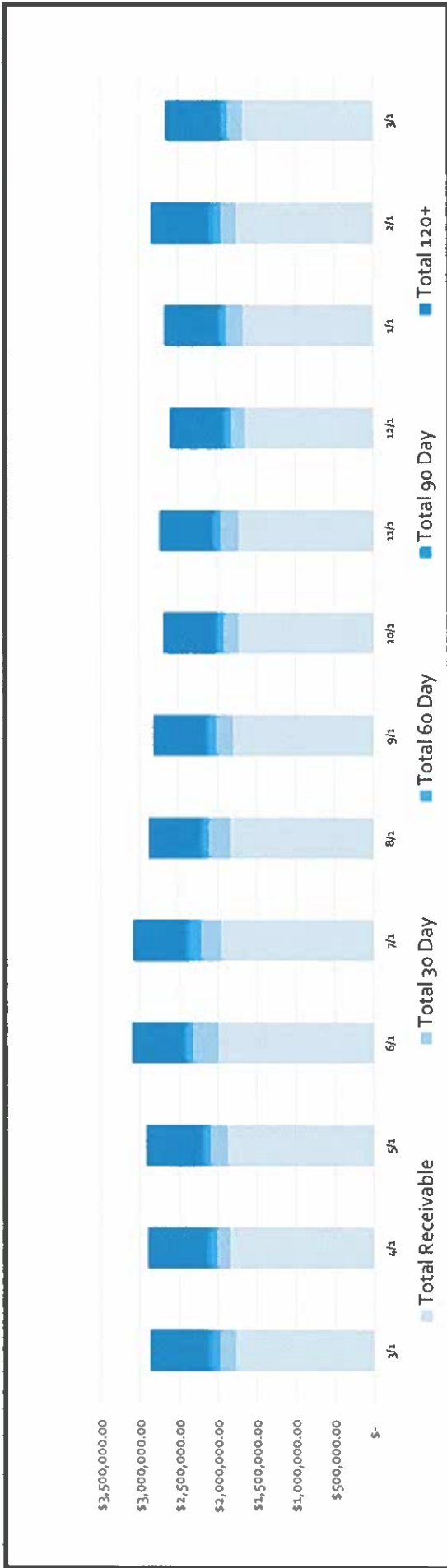
Billing Summary

Description	Connections	
	Mar-21	Mar-22
Residential	11,562	12,312
Commercial	243	249
Irrigation	53	56
School	20	20
Municipal	16	16
Church	12	12
Bulk Meter	27	31
Total Number of Accounts Billed	11,933	12,696
	Consumption	
Residential	71,154,100	70,101,400
Commercial	4,545,400	5,188,900
Irrigation	2,390,200	2,812,500
School	343,600	920,900
Municipal	391,800	900,300
Church	94,000	185,100
Bulk Meter	2,046,000	2,777,000
Total Gallons Consumed	80,965,100	82,886,100
	Average Consumption	
Residential	5,556	5,694
Commercial	15,474	20,839
Irrigation	23,596	50,223
School	13,395	46,045
Municipal	11,900	56,269
Church	11,267	15,425.00
Bulk Meter	51,359	89,581
Avg Water Use for Accounts Billed	6,785	6,529
Total Billed	\$ 780,527	\$ 858,528
Total Aged Receivables	\$ 969,675	\$ 813,788
Total Receivables	\$ 1,744,763	\$ 1,672,316

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-21	\$ 1,766,831.02	\$ 207,653.81	\$ 91,445.80	\$ 55,281.36	\$ 751,717.92
Apr-21	\$ 1,836,972.28	\$ 171,863.21	\$ 75,000.39	\$ 49,451.85	\$ 759,714.51
May-21	\$ 1,873,653.31	\$ 221,893.33	\$ 72,856.73	\$ 33,999.47	\$ 717,874.28
Jun-21	\$ 1,987,359.25	\$ 333,419.13	\$ 84,947.49	\$ 25,810.47	\$ 667,246.17
Jul-21	\$ 1,954,940.89	\$ 261,632.63	\$ 147,880.14	\$ 45,113.02	\$ 666,494.70
Aug-21	\$ 1,830,971.29	\$ 284,363.90	\$ 67,363.97	\$ 35,218.35	\$ 665,609.02
Sep-21	\$ 1,799,321.15	\$ 219,560.23	\$ 91,062.29	\$ 32,337.27	\$ 676,542.81
Oct-21	\$ 1,728,773.18	\$ 186,754.08	\$ 69,973.17	\$ 36,193.65	\$ 674,288.07
Nov-21	\$ 1,726,750.15	\$ 229,195.27	\$ 79,548.39	\$ 23,951.91	\$ 680,155.56
Dec-21	\$ 1,639,534.72	\$ 176,096.12	\$ 74,866.58	\$ 31,338.13	\$ 685,024.65
Jan-22	\$ 1,664,708.09	\$ 216,551.92	\$ 76,349.85	\$ 22,987.38	\$ 693,648.16
Feb-22	\$ 1,752,885.13	\$ 196,848.69	\$ 93,274.07	\$ 55,643.82	\$ 749,947.91
Mar-22	\$ 1,672,316.30	\$ 194,092.81	\$ 62,230.37	\$ 23,933.95	\$ 706,848.97

Board Consideration to Write Off
 Board Consideration Collections

Delinquent Letter Mailed
 Delinquent Tags Hung
 Disconnects for Non Payment

N/A
 158



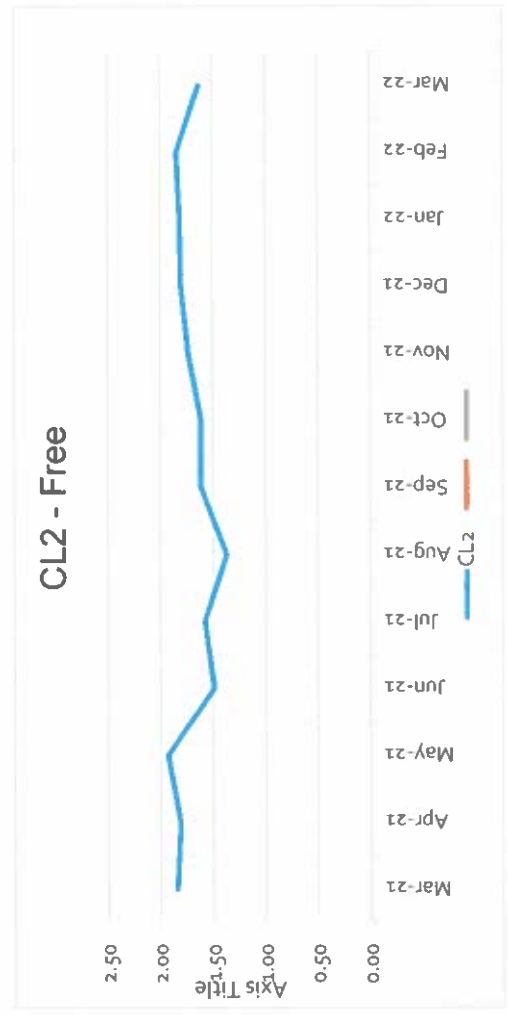
Water Production and Quality

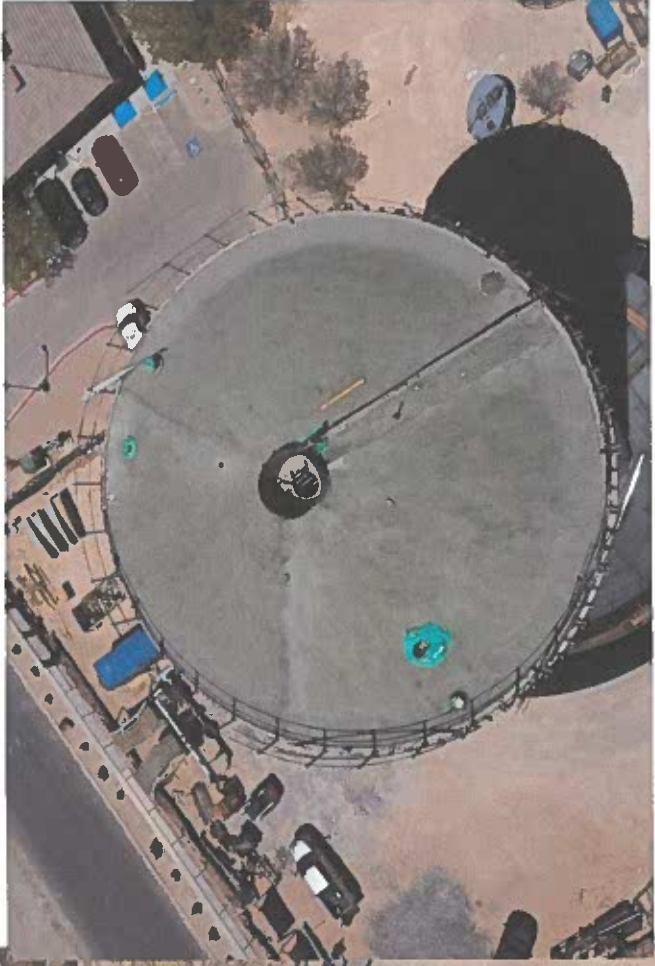
Water Quality Monitoring

1.68

Current Annual CL2 Avg

Requirements	Min	.02
Date	CL2	
Mar-21	1.84	
Apr-21	1.81	
May-21	1.93	
Jun-21	1.49	
Jul-21	1.58	
Aug-21	1.37	
Sep-21	1.61	
Oct-21	1.61	
Nov-21	1.73	
Dec-21	1.80	
Jan-22	1.81	
Feb-22	1.84	
Mar-22	1.63	





Pictures of Construction of new Elevated Storage

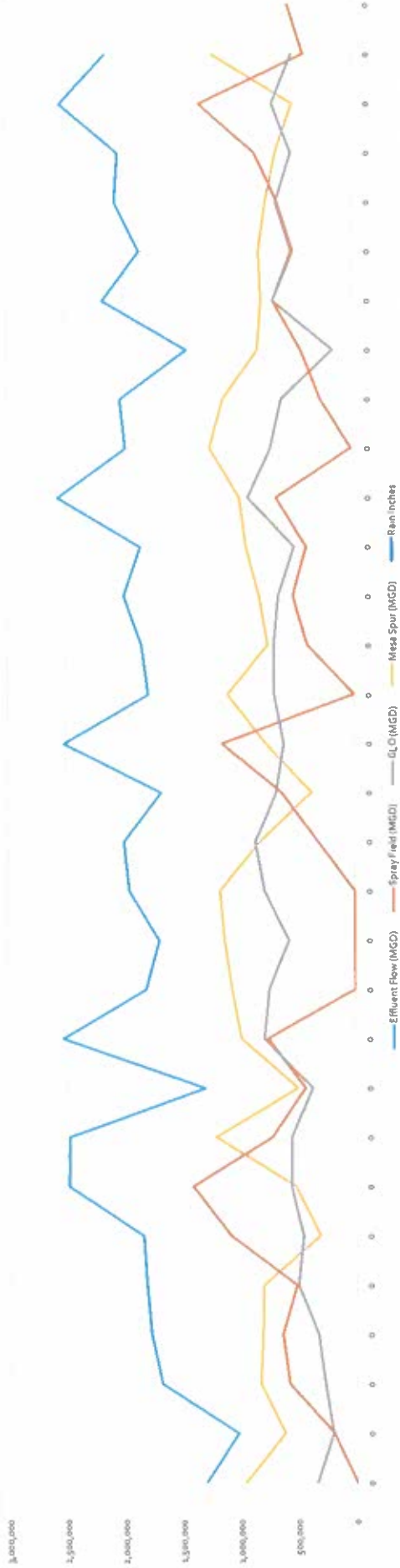


Month	Month	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gal.s Loss (-)	Water loss %
March 21	3/25/2021	11825	162,714	70,544	45,050	20,283	10.6%
April 21	4/25/2021	11863	160,099	72,542	45,000	20,283	14.4%
May 21	5/27/2021	11958	198,067	102,131	35,000	15,598	12.5%
June 21	6/24/2021	11994	227,874	99,048	55,200	21,815	9.7%
July 21	7/22/2021	12065	150,880	133,333	10,000	35,315	12.5%
August 21	8/26/2021	12122	152,172	118,239	20,000	13,933	15.5%
September 21	9/23/2021	12233	163,518	105,556	40,000	17,962	9.0%
October 21	10/28/2021	12291	139,733	101,250	25,000	13,483	11.0%
November 21	11/30/2021	12424	130,773	85,051	30,000	15,722	9.6%
December 21	12/31/2021	12488	121,828	74,820	30,000	17,008	12.0%
January 22	1/31/2022	12510	120,320	76,674	33,000	10,646	13.0%
February 22	2/28/2022	12611	110,934	72,951	29,000	8,893	8.8%
March 22	3/31/2022	12696	137,251	82,886	38,000	16,361	11.0%

Wastewater Production and Quality



Wastewater Flows for the Month of March 2022



Wastewater Treatment Permit Summary - Month of March 2022

	DISCHARGE	Eff.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	1.920	Yes	64.0%
Avg. Sprayfield Flow	MGD	3	0.520	Yes	17.3%
Avg. GLO Flow	MGD	3	0.554	Yes	18.5%
Avg. Mesa Spurr Flow	MGD	3	0.849	Yes	28.3%
Avg. Other Flow			0.003	N/A	
Avg. cBOD	mg/L	10	17.5	No	
Avg. TSS	mg/L	35	17.3	Yes	
Avg. Ammonia Nitrogen NH ₃	mg/L	3	1.82	Yes	
Avg DO	mg/L	7.77	7.42	Yes	
E. coli Bacteria	CFU	126	1.0	Yes	
MIN PH	STD UNITS	6.0	6.84	Yes	
MAX PH	STD UNITS	9.0	8.23	Yes	

only applies if discharge

Inframark

April 26,2022

Leak Report for March 2022

Address	Date	Street	Meter	Repaired	Comments
14713 Summer Breeze	3/7/2022	X		X	Replaced with copper
13223 Berkley	3/7/2022	X		X	Replaced with copper
364 Via Cumbre linda	3/7/2022	X		X	Replaced with copper
14718 Shape	3/8/2022	X		X	Replaced with copper
14416 Desert Sage	3/11/2022	X		X	Replaced with copper
14217 Desert bush	3/14/2022	X		X	Replaced with copper
262 Sunset Hills	3/18/2022	X		X	Replaced with copper
14344 Colina Bella	3/22/2022	X		X	Replaced with copper
13600 Ryderwood	3/23/2022	X		X	Replaced with copper
300 Shoenfelder	3/23/2022	X	X		PVC
309 Destefano	3/24/2022	X		X	Replaced with copper
14729 Weston	3/24/2022	X		X	Replaced with copper
13701 Ashford #5	3/29/2022	X		X	Replaced with copper
14221 Desert sky	3/29/2022	X		X	Relaced with copper
13701 Kathys	3/29/2022	X		X	Replaced with copper
13700 paseo Milagro	3/30/2022	X		X	Replaced with copper



Date: April, 28 2022

Re: Operations Report for March, 2022

Lift Stations

<u>Barrel Cactus Lift Station</u>	Fully operational.
<u>Benton Lift Station</u>	Fully operational.
<u>Biglon Lift Station</u>	Fully operational
<u>Duanesburg Lift Station</u>	One pump running diesel pump as back up.
<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>	Under rehab.
<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>	Fulli Operational
<u>Desert Point 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.

Wastewater Treatment Plant

- 5 blowers are up and running. Waiting on JCH to install blower #2
Hauled 21 loads of sludge.

Water Wells

Well 1 operational
Well 2 operational
Well 3 operational
Well 4 operational
Well 5 not working
Well 6 operational
Well 7 operational
Well 8 operational

Pump Station 2

No change in status.

Pump Station 3

Operational.

Pump Station 4

Operational.

Pump Station 1

Operational.

RO Plant

All RO Trains are up and running. Concentrators are up.

General

Replaced valve on Paseo de Suerte/Paseo Sereno

Aldo Navarrete, Operations Manager.
Inframark



Engineering Solutions

MEMORANDUM

Via E-Mail

TO: Horizon Regional Municipal Utility District
Board of Directors

FROM: Linda Troncoso, P.E.

DATE: April 28, 2022

SUBJECT: April 28, 2022 Board Meeting
Engineer's Report
TRE Job No.: 1277-7388-54

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

Service Commitments Currently Under Review

See attached summary.

Plans Under Review

See attached summary.

Projects Under Construction

See attached summary.

Horizon City Roadway Projects

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

TRE and Inframark have met with the Town and TxDOT in monthly since December regarding Darrington and Horizon Blvd reconstruction and are continuing to address specific line replacement and relocation requirements as part of the project scope. Construction is anticipated to be constructed June 2023 – May 2025.

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 construction has commenced. Pay Estimate Number 4 is on the agenda for approval at this BOD meeting. The tank foundation has been completed and the base is under construction at this time. The waterline construction on Pawling has also commenced.

Two Water Wells for RO Supply

The pumps have been set in Well Nos. 10 and 11. Site work on Well 10 is complete and is in the process of completion on Well 11. Pay Application Number 11 and Change Order No.4 are on the agenda for approval at this meeting.

4.2 MGD RO Plant Expansion and Permit Amendment

TRE is currently working with Desalatech for the sizing, pricing, and proposed operating procedures to integrate the proposed plant with the existing plant. TRE has received the autopsy of membranes at the existing RO plant as well as water samples from the feed water to establish design parameters for the RO plant expansion and is currently evaluating the data and working on the new plant configuration.

RO Concentrate Disposal Management

TRE submitted to permit application to the Texas Railroad Commission for a groundwater impact determination on February 15th. The results of this determination for the TCEQ to accept the submittal of the proposed permit.

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.

Wheeler Well No. 5 Rehabilitation

Proposals are on the agenda for consideration for the purchase of materials and installation services for additional screening at Well No. 5.

Duanesburg Force Main Emergency Repair

All work and the final walk through have been completed for the project.

Duanesburg Lift Station Rehabilitation

Contracts have been executed and material submittals have been reviewed and ordered. Pumps are anticipated to arrive in August.

TRE & Associates, LLC

HRMUD Engineering Report
April 28, 2022
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Wastewater Treatment Plant Digester Emergency Repair

The preconstruction meeting has been held and the digester will be taken off-line on May 16th with the repair of the first digester to begin on June 1.

GLO Lift Station Repair

Contracts have been executed, material submittals have been reviewed and pumps are anticipated to arrive in August.

Linda Troncoso will be at the April 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 4/18/22)
COMMITMENT APPLICATIONS

Job #	Job Title	Date Received	Additional Info Request	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Comments
1277-12200	12504 Weaver Rd	2/16/2022		3/28/2022	0	0	approved
1277-12201	14861 Horizon Blvd	3/1/2022		4/11/2022	0	1	approved
1277-12203	13660 Horizon Blvd	3/3/2022		4/11/2022	5	5	approved
1277-12205	Horizon Town Center Unit 4	3/11/2022		4/11/2022	39	39	approved
1277-12209	PDEU9 PHI	3/18/2022					Under Review
1277-12200	12504 Weaver Rd	2/16/2022		3/29/2022	0	0	for fire protection/awaiting plan submittal
1277-12225	14400 Golden Eagle	4/4/2022					Under Review
1277-12192	Summer Sky North Unit 1 Phase I			4/6/2022	231	231	approved
1277-12193	Summer Sky North Unit 1 Phase II	2/1/2022		4/6/2022	247	247	approved
1277-12224	Dutch Bros., LLC	4/8/2022					Under Review
1277-12229	13455 Noel Rd, Suite 700	4/18/2022					Under Review
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	4/18/2022					Under Review

TRE & ASSOCIATES, LLC (revised 4/18/2022)
HR - CONSTRUCTION REVIEW

Job #	Job Title	Commitment Letter Released	Plans Received	Plan Comments Sent	Plan Approval	Comments
1277-11838	Horizon City Unit 91 - 22 lots	1/17/2020	12/16/2019	2/14/2020- 1st set 7/24/20 - 2nd set		awaiting revised plans
1277-11850	13300 Horizon Boulevard	2/20/2020	4/30/2020	6/3/2020		awaiting revised plans
1277-12051	Polar Services Center	7/19/2021	10/7/2021			corresponding with engineer
1277-12120	DECU4 - 13649 Eastlake-Shopping	11/10/2021	10/11/2021	11/11/2021	3/22/2022	approved
1277-12134	Jack in the Box - 13640 Horizon Blvd	11/10/2021	9/30/2021 1/25/2022 2nd set	11/23/2021 1st		under review
1277-11235	Horizon Hills Church	12/6/2021	12/13/2021	12/20/2021 1st		awaiting revised plan
1277-12136	TxDOT Horizon Blvd Irrigation	12/22/2021	12/16/2021	12/23/2021		awaiting revised plans
1277-12152	905 Linwood	12/9/2021			4/5/2022	approved
1277-12192	Summer Sky North Unit 1 Phase I	4/6/2022				under review
1277-12193	Summer Sky North Unit 1 Phase II	4/6/2022				under review
1277-12200	12504 Weaver Rd	3/29/2022				awaiting plan submittal
1277-12205	Horizon Town Center Unit 4	4/11/2022				Under review
1277-12201	14861 Horizon Blvd	4/11/2022				under review
1277-12203	13660 Horizon Blvd.	4/11/2022				awaiting plan submittal

TRE & ASSOCIATES, LLC (revised 4/18/22)
CONSTRUCTION OBSERVATION

Job #	Job Title	Plan Approval	Construction Start Date	Comments
1277-12011	Horizon Mesa Self Storage	10/26/2021		awaiting construction start
1277-11903	Summer Sky Unit 2	9/16/2020	6/28/2021	under construction
1277-11864	West Eastlake Estates Unit Two	3/5/2020	3/21/2021	under construction
1277-12059	HC Unit 91 Blk 791-792	9/9/2021	10/7/2021	under construction
1277-11852	Painted Desert at Mission Ridge Unit 4	10/14/2021		awaiting construction start
1277-11864	West Eastlake Estates Unit Two	3/5/2020	3/21/2021	under construction
1277-12036	283 South Darrington	1/11/2022	2/21/2022	under construction
1277-12169	Mountain Shadow Estates Phase II Water	10/5/2021	3/29/2022	under construction
1277-12179	Horizon Retail Center	12/6/2021	2/21/2022	under construction
1277-12180	Rancho Desierto Bello Unit 15 Phase I	6/17/2021	11/22/2022	under construction
1277-12182	Paseo del Este Unit 8 Phse I	6/7/2021		awaiting construction start
1277-12190	Paseo del Este Unit 8 Phse II	5/26/2021		awaiting construction start
1277-12133	HCU 51	8/25/2021		awaiting construction start
1277-12120	DECU4 - 13649 Eastlake-Shopping	3/22/2022	3/28/2022	under construction

TRE & ASSOCIATES, LLC (revised 4/18/22)
HR - APPROVED UTILITY SERVICE COMMITMENTS

Job #	Job Title	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Plan Approval	Comments
1277-11838	Horizon City Unit 91 - 22 lots	1/17/2020	0	22		awaiting revised plans
1277-11850	13300 Horizon Boulevard	2/20/2020	64	64		awaiting revised plans
1277-11864	West Eastlake Estates Unit Two	2/24/2020	118	118	3/5/2020	under construction
1277-11903	Summer Sky Phase 2	5/20/2020	215	215	9/16/2020	under construction
1277-12011	Horizon Mesa Self Storage	2/17/2020	3	3	10/26/2021	approved
1277-12036	283 S. Darrington	5/22/2021	1	1	1/11/2022	under construction
1277-12051	Polar Services Center	7/19/2021	5	5		under review
1277-11852	Painted Desert at Mission Ridge Unit 4	7/19/2021	276	276	10/14/2021	approved
1277-12120	Darrington Eastlake Commercial Unit Four	11/10/2021	33	33	3/22/2022	approved
1277-12134	Jack in the Box - 13640 Horizon Blvd	11/10/2021	15	15		awaiting revised plans
1277-12135	Horizon Hills Church	12/6/2021	1	1		awaiting plan submittal
1277-12136	TxDOT Horizon Blvd Irrigation	12/22/2021	0	24		awaiting revised plans
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
1277-12180	Rancho Desierto Bello Unit 15 Phase I	6/17/2021	81	81	7/22/2021	approved
1277-12182	Paseo del Este Unit 8 Phse I	6/17/2021	251	251	6/7/2021	approved
1277-12169	Mountain Shadow Estates Phase II Water	10/5/2021	0	204	12/16/2021	approved
1277-12179	Horizon Retail Center	12/6/2021	5	5	2/9/2022	approved
1277-12190	Paseo del Este Unit 8 Phse II	2/24/2022	173	173	5/26/2021	approved
1277-12200	12504 Weaver Rd	3/29/2022	0	0		for fire protection/awaiting plan submittal
1277-12192	Summer Sky North Unit 1 Phase I	4/6/2022	231	231		under review
1277-12193	Summer Sky North Unit 1 Phase II	4/6/2022	247	247		under review
1277-12205	Horizon Town Center Unit 4	4/11/2022	39	39		under review
1277-12201	14861 Horizon Blvd.	4/11/2022	0	1		under review
1277-12203	13660 Horizon Blvd.	4/11/2022	5	5		awaiting plan submittal

TOTAL OUTSTANDING COMMITMENTS

1764 2026