

**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 Wednesday July 6, 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 ( <i>absent</i> )	-	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 - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, Ricardo Felix. Horizon Golf & Conference Center – Luis Delgadillo. Town of Horizon – Terry Quezada, Walter Miller. The Pledge of Allegiance was said with audience participation.

**4. RECEIVE CITIZEN COMMUNICATIONS.**

***Claudia Jimenez.***

Ms. Jimenez addressed the Board stating she had called to the local office September of 2021 because she had seen pipes being installed and a fire hydrant in the area that she has her property and wanted to see what the status was as far as obtaining water to her lot. Ms. Jimenez stated she called again in October 2021, February 2022, & May 2022 and no one knew about it & was told to attend the Board Meeting to ask the Board Members to check the status. Ms. Troncoso spoke to Ms. Jimenez gave her her business card and Mr. Felix information so they can follow up and let her know how far away the developer left the extension. Ms. Troncoso explained to Ms. Jimenez the District does not extend water into her lines to private property and the reason she had seen the construction was because it was a private entity or private person that had acquired several lots and extended them to their own property.

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 Regular Board Meeting on April 28, 2022, and May 26, 2022.
- C: Consider and Take Action to approve the Financial Statement for the month ending May 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. 6 for Elevated Storage Tank #5.
- F: Consider and Take Action on Pay Estimate No. 6 for Rancho Desierto Bello Unit 15.
- G: Consider and Take Action on Pay Estimate No. 13 for HRMUD water supply wells #10 and 11.
- H: Consider and Take Action on Pay Estimate No. 1 for Paseo Del Este Unit 8 Phase I Water and Wastewater improvements.
- I: Consider and Take Action on Pay Estimate No. 1 for Paseo Del Este Unit 8 Phase II.

Motion was made by Director Thomas and seconded by Director Hulseby 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.**

Discussion item only. Ms. Troncoso stated there was no change from last month was still under review.

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.**

Mr. McGinnis also reported the submersible cable from submersible pump was missing and was asking the Board if the Board was going to pay to replace or if that would be Inframark. Director Jarvis showed Directors Thomas and Hulsey pictures he had taken December 3<sup>rd</sup> and the cable was laying on the ground and had not been stored properly and stated they would be looking for Inframark to pay for the missing cable. All three Board members were in agreement.

Director Hulsey made a motion to approve the Management Report 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.**

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 Thomas.

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. Delgadillo reported for the month of May they were \$21,000 ahead of budget on the revenue side and had another decent month. He reported there were a few more expenses as gas prices keep increasing and spent almost double what had been budgeted but have not felt the impact too much as they have had more rounds than expected. After everything they beat budget by \$11,000 dollars, year to date they are about \$168,000 ahead of budget. Mr. Delgadillo also reported they had an incident where three kids broke in, they were caught on camera and the video was sent to the police. Mr. Delgadillo also reported they are lacking a couple of employees and are hoping to hire very soon.

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 Thomas.

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.**

No one from Moonlight P&Q present.

No action necessary.

11. **CONSIDER AND TAKE ACTION ON SPARE MOTOR FOR RO TRAINS.**

Mr. McGinnis presented an estimate for spare motor for RO Trains from REMSA USA in the amount of \$22,974.19 they will take about 75-90 days to deliver.

Director Thomas made a motion to approve the purchase of spare motor for RO Trains in the amount of \$22,974.19 and was seconded by Director Hulsey.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

12. **CONSIDER AND TAKE ACTION ON PURCHASE OF SPARE PUMP AND PIPING FOR I-10 WELLS.**

Mr. McGinnis presented a quote from WHB Pump Sales for a spare pump for I-10 Wells in the amount of \$47,580.40. Director Jarvis requested a motion to order two spare pumps not to exceed quoted price.

Director Hulsey made a motion to approve the purchase of two spare pumps not to exceed \$47,580.40 for each pump and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

13. **CONSIDER AND TAKE ACTION ON REQUEST FOR VACATION OF EASEMENT THROUGH RANCHO DESIERTO BELLO DEVELOPMENT.**

Ms. Troncoso presented an extension of vacation of easement stating the old LTV waterline is being relocated and replaced and nothing is in the easement.

Director Hulsey made a motion to approve the vacation of the easement through Rancho Desierto Bello Development and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

14. **CONSIDER AND TAKE ACTION ON SPARE AFTON PUMP FOR RO TRAINS.**

Mr. McGinnis requested item be tabled, still waiting on pricing.

Item tabled.

15. **CONSIDER AND TAKE ACTION ON RATIFYING EMERGENCY PURCHASE OF PUMP WITH VFD FOR WELL 5.**

Ms. Troncoso explained this item had already been approved by the Board and just needed to be ratified.

Director Hulsey made a motion to approve the ratification of the emergency purchase of pump with VFD for Well 5 and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

16. **CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 2 FOR MANHOLE REHAB FOR EL PASO HILLS AREA.**

Ms. Troncoso explained Infrastructure Rehab had been identifying manholes in extreme disrepair. Initially they thought there were two manholes needing relining instead there were seven with a total cost of \$116,211.00.

Director Hulsey made a motion to approve change order No. 2 for manhole rehab for El Paso Hills area was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

17. **CONSIDER AND TAKE ACTION ON PROPOSAL FOR PERFORMANCE OF TANK INSPECTIONS FOR DISTRICT.**

Ms. Troncoso presented a proposal from HOT Inspection Services for a total inspection cost of \$18,500.00 and recommends approval to stay in conferment's with the TCEQ requirements. This was done in 2017 and the District was provided with a video and written report of what was going on.

Director Hulsey made a motion to approve the proposal for performance of tank inspections for the District and was seconded by Director Thomas.

All in favor: 3 ayes  
Opposed: 0 none

Motion passed to approve.

**18. CONSIDER AND TAKE ACTION ON RO PONDS MAINTENANCE.**

Director Jarvis requested this item be added in case there was something that was needed to stay legal.

No action necessary.

**19. CONSIDER AND TAKE ACTION ON WELL 11 Fas LINE RENTAL FOR FLUSHING WELL.**

Mr. Carlos McGinnis explained when the logistics company came in, they blocked the access how to dispose of the water on the test pump site so a line would have to be run to get rid of the water level. Mr. McGinnis received a price from Rain for Rent to install a Fas line, it is a 6" aluminum pipe and was asking for approval.

Director Hulsey made a motion to approve the quote from Rain for Rent in the amount \$10,867.06 and was seconded by Director Thomas.

All in favor: 3 ayes  
Opposed: 0 none

Motion passed to approve.



20. **CONSIDER AND TAKE ACTION ON REQUEST FROM E3 SOLUTIONS FOR REIMBURSEMENT OF MAINTENANCE.**

Director Jarvis and the rest of the Board members were in agreement and not prepared to make a motion and will table item to the next meeting.

Item tabled.

21. **CONSIDER AND TAKE ACTION TO APPROVE THE CONSUMER CONFIDENCE REPORT (CCR) FOR 2021 REQUIRED TCEQ.**

Mr. Alan Petrov explained this was a report that is required to be sent out by TCEQ. Mr. McGinnis added the District was in compliance with everything and just need to get it approved as it was sent out to customers already.

Director Hulsey made a motion to approve the Consumer Confidence Report (CCR) 2021 and was seconded by Director Thomas.

All in favor: 3 ayes  
Opposed: 0 none

Motion passed to approve.

22. **CONSIDER AND TAKE ACTION ON \$50,000.00 EXPENDITURE FOR SPRAY FIELD No. 1 (cart path).**

Mr. Luis Delgadillo asked to do a cart path from number 2 green to number 3 green.

Director Hulsey made a motion to proceed to get pricing, quotes for an identified area for possible repair and overlay and was seconded by Director Thomas.

All in favor: 3 ayes  
Opposed: 0 none

Motion passed to approve.

23. **CONSIDER AND TAKE ACTION REIMBURSEMENT AGREEMENT (HUNT PROPERTIES – (SECTIONS 30 & 32) – 779.121 acres).**

Mr. Alan Petrov reported this was a standard developer reimbursement agreement for the defined areas. They are making sure they are in place for all defined areas. Ms. Troncoso added there has been no development activity in this area.

Director Hulsey made a motion to approve the reimbursement agreement for Hunt Properties (Sections 30 & 32) 779.121 acres and was seconded by Director Thomas.

All in favor: 3 ayes  
Opposed: 0 none

Motion passed to approve.

24. **CONSIDER AND TAKE ACTION ON ACCEPTANCE FOR MOUNTAIN SHADOW ESTATES UNIT 79 WATERLINE PHASE II FOR OPERATIONS AND MAINTENANCE.**

Ms. Linda Troncoso reported all improvements have been completed and inspected and has all paperwork. Ms. Troncoso recommends approval.

Director Hulsey made a motion to approve the acceptance for Mountain Shadow Estates Unit 79 waterline phase II for operations and maintenance and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

25. **CONSIDER AND TAKE ACTION ON AN AMENDMENT TO A WATERLINE EASEMENT WITH WALMART TO ALLOW FOR RELOCATION OF THE WATER LINE.**

Mr. Alan Petrov explained this was an amendment to waterline easement to allow for relocation of the waterline. Walmart will be expanding their training facility and are needing to relocate the water line. Ms. Troncoso recommends allowing Walmart to relocate with the terms outlined by Mr. Petrov amendment.

Director Hulsey made a motion to approve the amendment to a waterline easement with Walmart to allow relocation of the water line and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

26. **CONSIDER AND TAKE ACTION TO SET DATE FOR BOND SALE AND ADOPT REIMBURSEMENT RESOLUTION, AS NECESSARY.**

Mr. Petrov stated as discussed when calendar was being set there is a tentative date of August 4, 2022.

No action necessary.

27. **DISCUSSION AND POSSIBLE ACTION ON TIRZ AGREEMENT WITH HORIZON CITY.**

Director Jarvis made motion to move item # 27 before item # 5 and was seconded by Director Thomas.

Mr. Alan Petrov explained the City of Horizon had previously made a presentation last year where they proposed TIRZ (Tax Increment Zone) which allows within the zone for there to be capture of increased tax revenues to pay for the infrastructure necessary to foster the redevelopment. Mr. Petrov explained the way it works is when an entity like the City of Horizon and the District agree to participate in the zone, the Districts current tax base is frozen and if new improvements are built within the zone that add value, that would increase that tax base for future years. That increased value, which is taxed, goes to TIRZ to pay for the infrastructure. The District would still get the level of taxes the District is getting today based on the frozen values and the TIRZ gets the incremental value until it eventually pays for the infrastructure.

Mr. Walter Miller spoke and stated this is 88 acres in the middle of town & nothing was ever going to happen to it. Mr. Miller stated the city had done a lot of planning and work and is in existence and producing some incremental value with the development on the corner where the Speedway is. Mr. Miller stated they were asking the District to contribute to the development of that property to make it a productive piece of the community and raise the tax value.

Item tabled.

No action necessary.

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

No items for executive session.


No action necessary.


29. **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 Hulsey and seconded by Director Thomas all in favor and carried, adjourned at 8:24 p.m.

**READ, APPROVED AND ADOPTED THIS 25<sup>th</sup> DAY OF AUGUST 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  
May 2022  
Board Meeting Date: 7-06-2022**

Reviewed By: Carlos McGinnis  
Date: 07-06-2022



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

## Current Items Requiring Board Approval

Vendor	Amount	WO#	Budget Amount	Description

**Date: 06/30/2022**

**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 have started.
- 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) 10 customer meters were replaced.
- b) Repaired 19 service line leaks and 11 meter leaks
- c) Replaced 1 gate valve on Lago de Oro and Veny Webb.

### **3) Collection System**

- a) 7 manholes are on agenda for rehab.
- b)



**4) Ponds**

- a) We had an overflow of the ponds due to high winds.
- b)

**5) Construction**

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

**6) Customer Care**

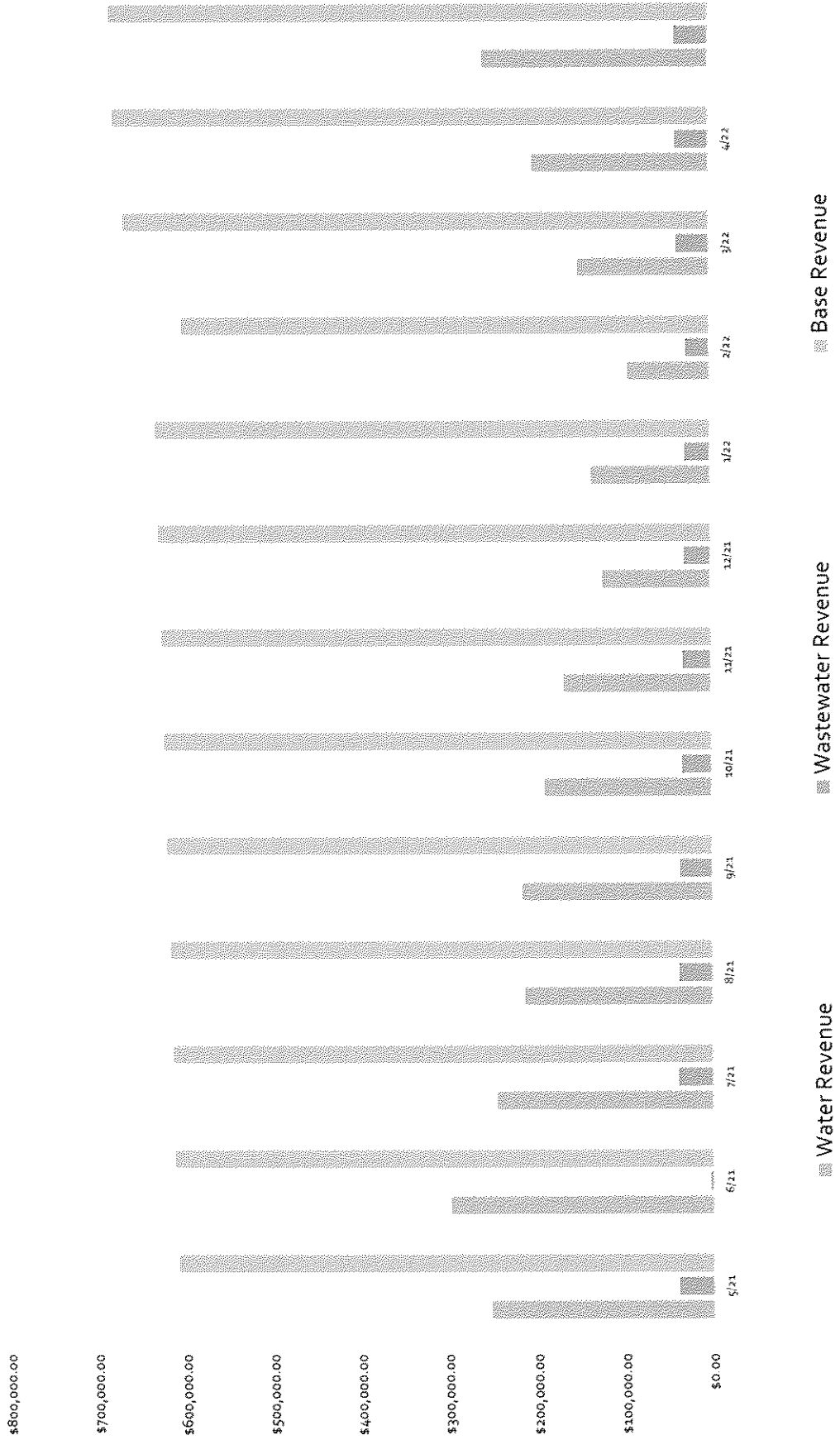
- a) Assisted 8 Customers with payment plans.
  - b) 148 Disconnections were done.
- 
- 



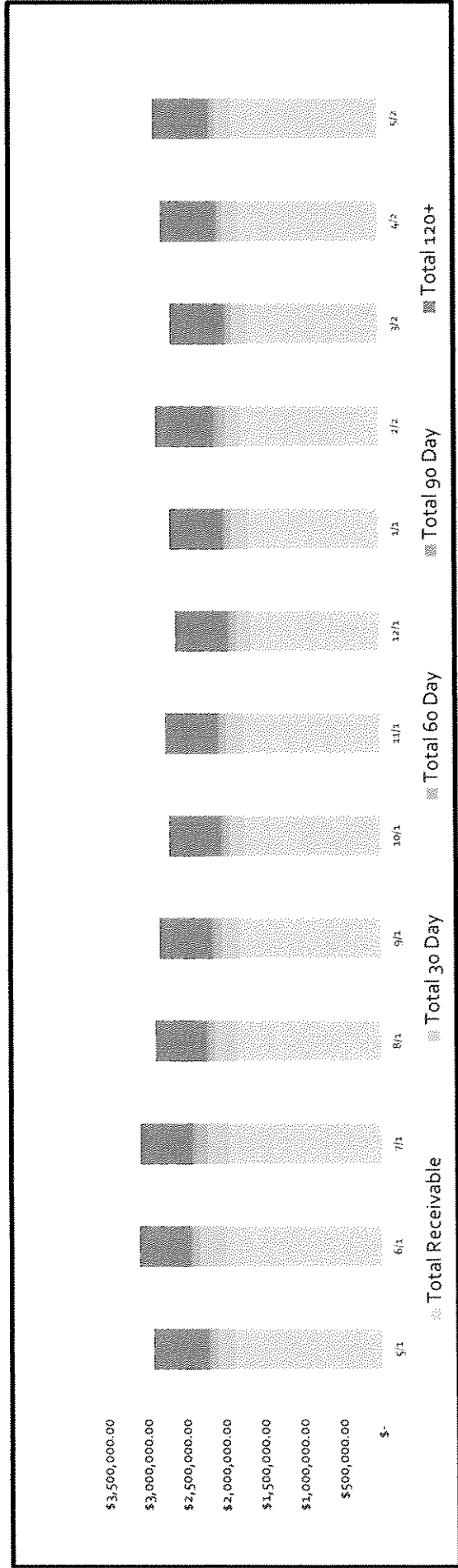
**Billing Summary**

Description	Connections	
	May-21	May-22
Residential	11,619	12,494
Commercial	246	249
Irrigation	54	57
School	20	20
Municipal	16	16
Church	12	12
Bulk Meter	27	36
<b>Total Number of Accounts Billed</b>	<b>11,994</b>	<b>12,884</b>
	<b>Consumption</b>	
Residential	77,126,900	99,014,400
Commercial	6,880,800	7,707,500
Irrigation	4,210,100	3,863,400
School	1,013,000	1,932,300
Municipal	819,700	1,146,000
Church	424,200	1,153,000
Bulk Meter	8,447,000	2,196,500
<b>Total Gallons Consumed</b>	<b>98,921,700</b>	<b>117,013,100</b>
	<b>Average Consumption</b>	
Residential	5,556	7,925
Commercial	15,474	30,954
Irrigation	23,596	67,779
School	13,395	96,615
Municipal	11,900	71,625
Church	11,267	96,083.33
Bulk Meter	51,359	61,014
<b>Avg Water Use for Accounts Billed</b>	<b>8,248</b>	<b>9,082</b>
Total Billed	\$ 899,080	\$ 981,185
Total Aged Receivables	\$ 969,675	\$ 892,894
Total Receivables	\$ 1,873,653	\$ 1,874,079

# 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+
May-21	\$ 1,873,653.31	\$ 221,893.33	\$ 72,858.73	\$ 33,999.47	\$ 717,874.28
Jun-21	\$ 1,967,359.25	\$ 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	\$ 668,494.70
Aug-21	\$ 1,830,971.29	\$ 284,363.90	\$ 67,383.97	\$ 35,218.35	\$ 665,609.02
Sep-21	\$ 1,799,321.15	\$ 219,560.23	\$ 91,062.29	\$ 32,337.27	\$ 678,542.81
Oct-21	\$ 1,728,773.18	\$ 186,754.08	\$ 69,973.17	\$ 36,193.65	\$ 674,288.07
Nov-21	\$ 1,728,750.15	\$ 229,165.27	\$ 79,548.39	\$ 23,961.91	\$ 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	\$ 22,967.38	\$ 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	\$ 708,848.97
Apr-22	\$ 1,776,220.26	\$ 205,391.56	\$ 64,233.14	\$ 16,959.35	\$ 716,364.40
May-22	\$ 1,874,079.57	\$ 197,287.37	\$ 64,578.63	\$ 16,799.24	\$ 721,239.60

Board Consideration to Write Off  
 Board Consideration Collections

Delinquent Letter Mailed  
 Delinquent Tags Hung  
 Disconnects for Non Payment

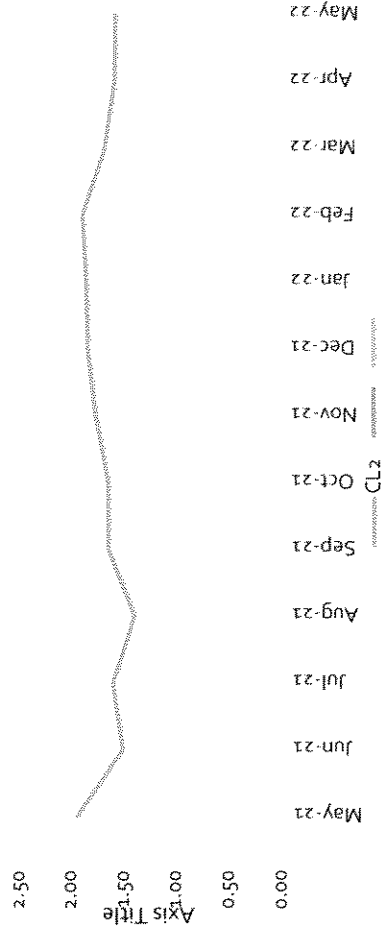
N/A  
 146

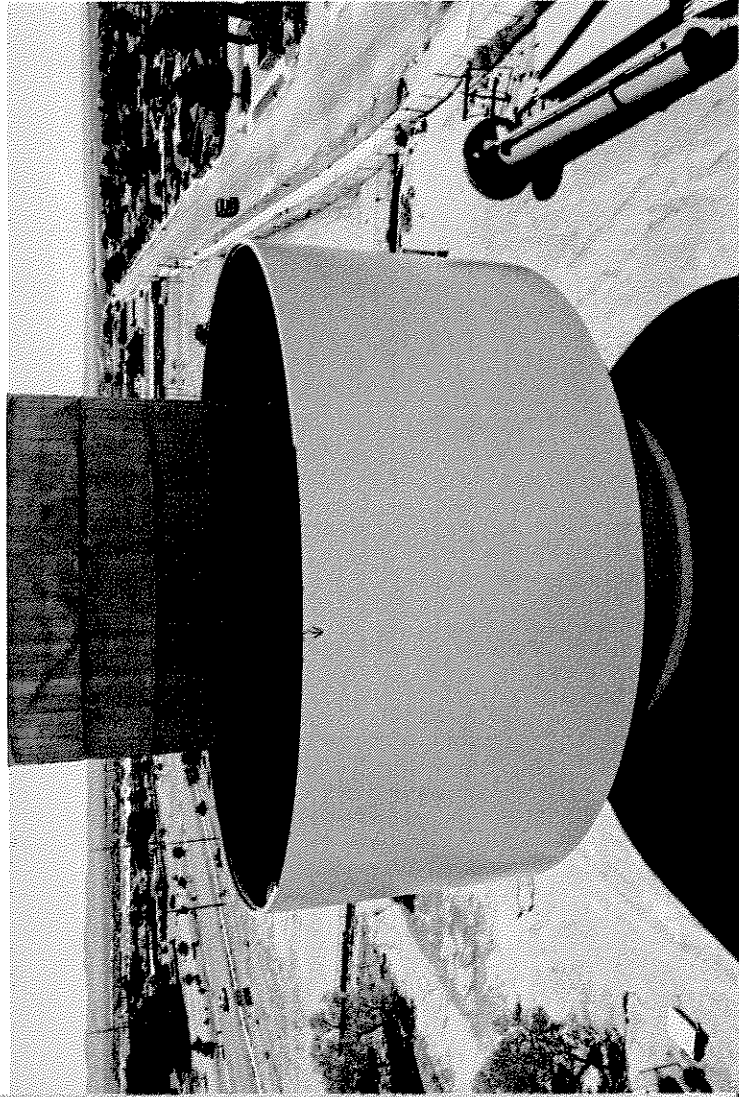
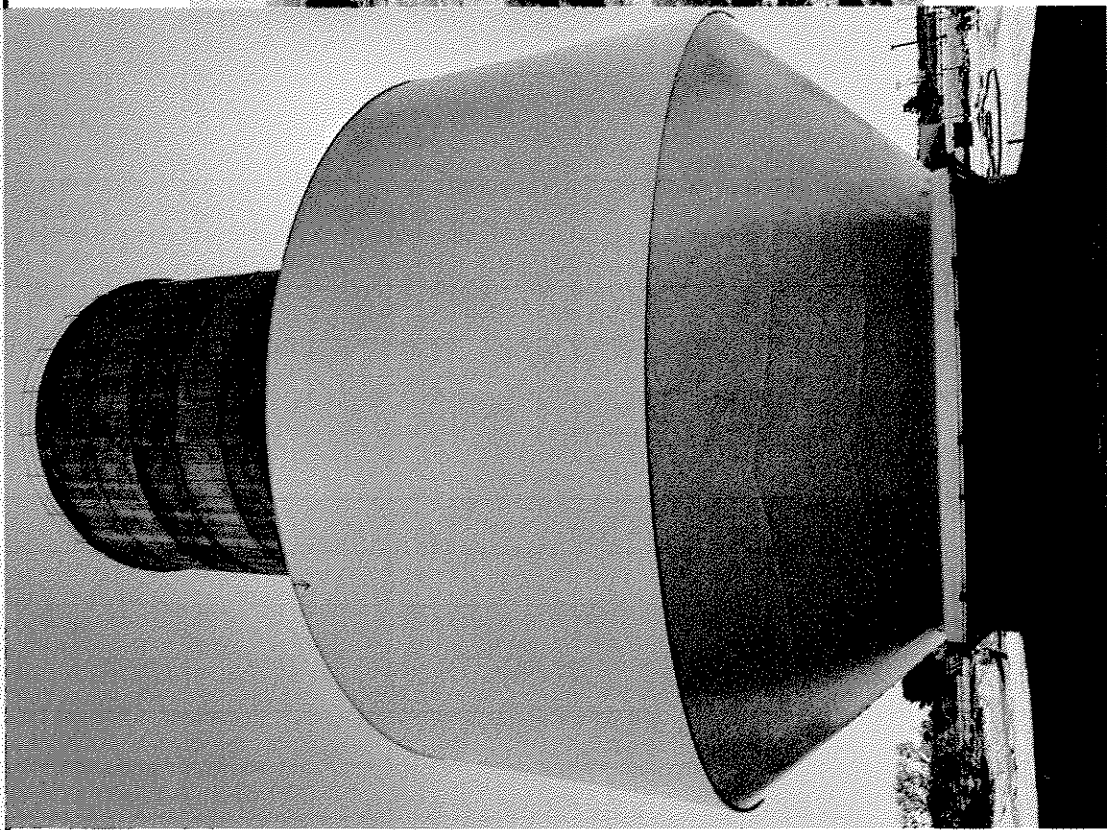
Water Quality Monitoring

Current Annual CL2 Avg 1.62

Requirements Date	Min .02 CL2
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
Apr-22	1.53
May-22	1.52

CL2 - Free





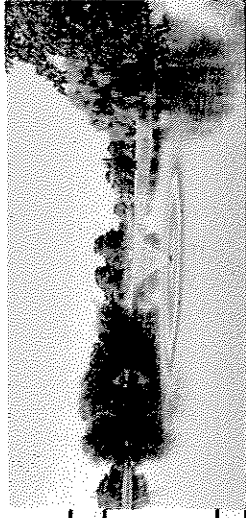
Pictures of Construction of new Elevated Storage



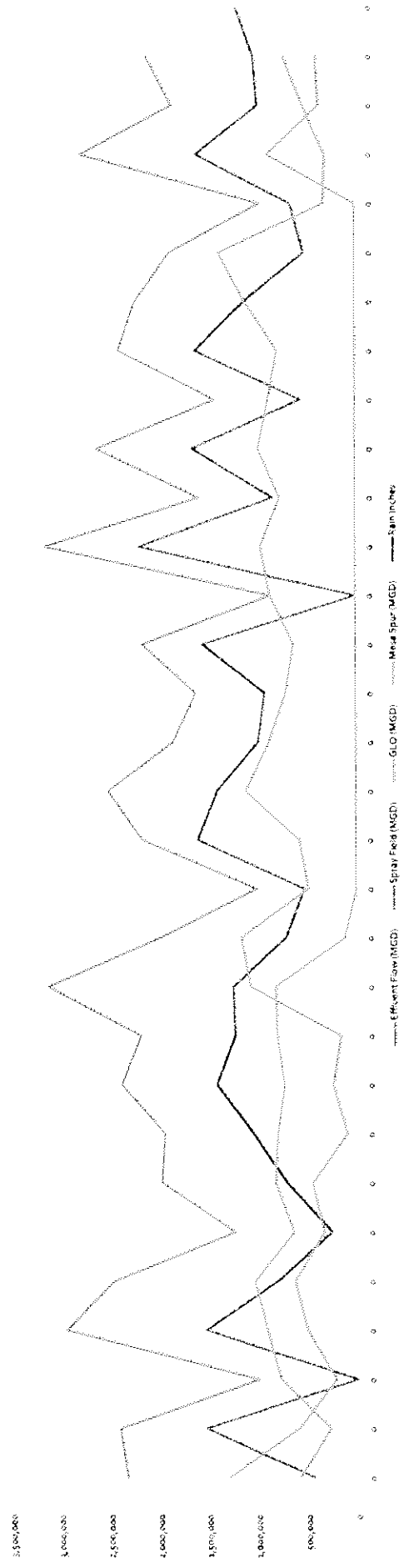
Month	Month	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gal.s Loss (-)	Water loss %
May 21	5/27/2021	11958	198,067	102,131	35,000	15,598	14.4%
June 21	6/24/2021	11994	227,874	99,048	55,200	21,815	12.5%
July 21	7/22/2021	12065	150,880	133,333	10,000	35,315	9.7%
August 21	8/26/2021	12122	152,172	118,239	20,000	13,933	12.5%
September 21	9/23/2021	12233	163,518	105,556	40,000	17,962	15.5%
October 21	10/28/2021	12291	139,733	101,250	25,000	13,483	9.0%
November 21	11/30/2021	12424	130,773	85,051	30,000	15,722	11.0%
December 21	12/31/2021	12488	121,828	74,820	30,000	17,008	9.6%
January 22	1/31/2022	12510	120,320	76,674	33,000	10,646	12.0%
February 22	2/28/2022	12611	110,934	72,951	29,000	8,893	13.0%
March 22	3/31/2022	12696	137,251	82,886	38,000	16,361	8.8%
April 22	4/30/2022	12809	146,607	100,892	34,050	11,665	11.0%
May 22	5/30/2022	12844	170,803	117,013	40,500	13,290	7.8%



# Wastewater Production and Quality



## Wastewater Flows for the Month of May 2022



Wastewater Treatment Permit Summary - Month of May 2022

	DISCHARGE	Eff.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	2.054	Yes	68.5%
Avg. Sprayfield Flow	MGD	3	1.027	Yes	34.2%
Avg. GLO Flow	MGD	3	0.341	Yes	11.4%
Avg. Mesa Spur Flow	MGD	3	0.686	Yes	22.9%
Avg. Other Flow			0.000	N/A	
Avg. cBOD	mg/L	10	13.8	No	
Avg. TSS	mg/L	15	18.1	Yes	
Avg. Ammonia Nitrogen NH3	mg/L	3	2.02	Yes	
Avg DO	mg/L	7.77	7.38	Yes	
E. coli Bacteria	CFU	126	9.9	Yes	
MIN. PH	STD UNITS	6.0	6.60	Yes	
MAX. PH	STD UNITS	9.0	8.70	Yes	

only applies if discharge



**Date: June ,10 2022**

**Re: Operations Report for May , 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>	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.

## **Wastewater Treatment Plant**

- 6 blowers are up and running.  
Hauled 19 loads of sludge.

### **Water Wells**

Well 1 operational

Well 2 operational

Well 3 operational

Well 4 operational

Well 5 not working Waiting on screen

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 Lago de Oro /Veny webb st

Aldo Navarrete, Operations Manager.

Inframark

# Inframark

## Leak Report For May

June 14, 2022

Address	Date	Street	Meter	Repaired	Comments
700 Baynard	5/4/2022		1	1	Replaced with copper
14436 Corby	5/4/2022		1	1	Replaced with copper
1432 Herford	5/4/2022		1	1	Replaced with copper
13396 Colina Corona	5/5/2022		1	1	Replaced with copper
13345 colina Bella	5/9/2022		1	1	Replaced with PVC
1107 Colina bella	5/9/2022		1	1	Replaced with copper
1208 Scorpio	5/9/2022		1	1	Replaced with copper
14408 Mitchell	5/9/2022		1	1	Replaced with PVC
268 Elsworth	5/10/2022		1	1	Replaced with copper
14308 Desert sky	5/18/2022		1	1	Replaced with copper
14368 Sabio	5/18/2022		1	1	Replaced with copper
800 Agua Clara	5/18/2022		1	1	Replaced with copper
125 St Pierre	5/18/2022		1	1	Replaced with copper
116 St Pierre	5/18/2022		1	1	Replaced wuth copper
616 Maravillas	5/19/2022		1	1	Replaced with copper
13626 Hazlewood	5/19/2022		1	1	Replaced with copper
14448 Desierto Bueno	5/19/2022		1	1	Replaced with copper
13408 Cameldale	5/24/2022		1		Replaced with copper
1451Coronel	5/24/2022		1	1	Replaced with copper
14375 Desert Sage	5/24/2022		1	1	Replaced with copper
3610 Clancey	5/24/2022		1	1	Replaced with copper
14760 Canyon Breeze	5/25/2022		1	1	Replaced with copper
733 Desert Sage	5/25/2022		1	1	Replaced with copper
15000 Ashford	5/25/2022		1	1	Replaced with copper





Engineering Solutions

## MEMORANDUM

Via E-Mail

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

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

**DATE:** July 6, 2022

**SUBJECT:** July 6, 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 occur 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 6 is on the agenda for approval at this BOD meeting. The bowl construction, bowl coating, and logo application are complete. The tank hoisting and air phase of the steel erection is tentatively scheduled to begin on July 19, 2022. The waterline construction is complete except for the lines inside the tank site fencing.

### **Two Water Wells for RO Supply**

The pumps have been set in Well Nos. 10 and 11. Site work on Well 10 is complete, power has been installed, and the contractor is currently calibrating the flow meter and cl-valves. Well 11 power is installed, and the meter is scheduled to be installed this week. Start up and flushing are tentatively scheduled for next week. Pay Application Number 13 is 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 has received approval from the Railroad Commission and has submitted the formal permit application and support documentation to the TCEQ on June 14, 2022.

### **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**

The additional screening on Well No. 5 has been installed and the ratification of the purchase of the pump and VFD for this well is on the agenda for approval at this BOD meeting.

### **Duanesburg Lift Station Rehabilitation**

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

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

Digester A is offline at this time and the contractor has begun the repair process.

HRMUD Engineering Report  
July 6, 2022  
Page 3 of 3

**GLO Lift Station Repair**

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

**Tank Inspection**

A proposal is on the agenda for consideration by the BOD for the inspection of the District's existing seven (7) ground storage and four (4) elevated storage tanks in conformance with the TCEW five (5) year inspection requirement.

Linda Troncoso will be at the July 6th BOD meeting to address any questions or comments you may have regarding these and any other items.

Attachment

cc: Mr. Charlie McGinnis, General Manager; HRMUD  
Mr. John M. Jansing, Jr., P.E.; TRE & Associates, LLC  
Mr. Adrian H. Rosas, P.E.; TRE & Associates, LLC

TRE & ASSOCIATES, LLC (revised 7/6/22)  
COMMITMENT APPLICATIONS

Job #	Job Title	Date Received	Additional Info Request	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Comments
1277-12249	201 S. Darrington	5/12/2022		6/14/2022	6	6	Under Review
1277-xxxx	Rancho Desierto Bello 14	7/1/2022					Under Review
1277-12262	355 Ascencion	7/5/2022					Under Review



**TRE & ASSOCIATES, LLC (revised 7/6/2022)**  
**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
1277-12134	Jack in the Box - 13640 Horizon Blvd	11/10/2021	9/30/2021 1/25/2022 2nd 3/24/2022 3rd 5/16/2022 4th	11/23/2021 1st 2/24/2022 2nd 4/26/2022 3rd	6/7/2022	Approved
1277-11235	Horizon Hills Church	12/6/2021	12/13/2021 3/7/2022 2nd	12/20/2021 1st 4/26/2022 2nd		awaiting revised plan
1277-12136	TxDOT Horizon Blvd Irrigation	12/22/2021	12/16/2021 1st 6/20/22 2nd	12/23/2021 1st 7/6/2022 2nd		awaiting revised plans
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	5/5/2022	5/12/2022		awaiting plan submittal
1277-12205	Horizon Town Center Unit 4	4/11/2022	4/11/2022	4/19/2022	5/5/2022	Approved
1277-12201	14861 Horizon Blvd	4/11/2022	6/13/2022		6/17/2022	Approved
1277-12224	Dutch Bros., LLC	4/22/2022	4/22/2022 1st 5/25/2022 2nd	5/23/2022 1st 6/13/2022 2nd	6/21/2022	Approved
1277-12225	14400 Golden Eagle	4/21/2022	4/22/2022	5/17/2022		awaiting revised plans
1277-12209	PDEU9 PHI	5/5/2022				under review
1277-12229	Walmart #3136-13900 Horizon Blvd	5/5/2022	5/5/2022 1st 5/31/2022 2nd	5/25/2022 1st 6/1/2022 2nd	6/2/2022	Approved
1277-12236	15071 Horizon Blvd	5/11/2022	5/17/2022	5/31/2022	6/2/2022	Approved
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	5/19/2022				awaiting plan submittal
1277-12237	Dollar General - 801 S. Darrington	5/19/2022	5/10/2022 6/17/2022	6/7/2022 7/5/2022		awaiting revised plans
1277-12240	Mister Car Wash	5/19/2022	4/29/2022	6/15/2022		awaiting revised plans
1277-12249	201 S. Darrington	6/14/2022	5/6/2022 7/5/2022	6/14/2022		awaiting revised plans

**TRE & ASSOCIATES, LLC (revised 7/06/22)**  
**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		under construction
1277-12152	905 Linwood	4/5/2022		awaiting construction start
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	11/22/2021	under construction
1277-12182	Paseo del Este Unit 8 Phse I	6/7/2021	3/29/2022	under construction
1277-12190	Paseo del Este Unit 8 Phse II	5/26/2021	5/1/2022	under construction
1277-12133	HCU 51	8/25/2021		awaiting construction start
1277-12120	DECU4 - 13649 Eastlake-Shopping	3/22/2022	3/28/2022	under construction
1277-12229	Walmart #3136-13900 Horizon Blvd	6/2/2022		awaiting construction start
1277-12134	Jack in the Box - 13640 Horizon Blvd	6/7/2022		awaiting construction start
1277-12236	15071 Horizon Blvd	6/2/2022		awaiting construction start

**TRE & ASSOCIATES, LLC (revised 7/06/22)**  
**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 Commerical 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	6/7/2022	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 revised plans
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	5/5/2022	approved
1277-12201	14861 Horizon Blvd.	4/11/2022	0	1	6/17/2022	approved
1277-12203	13660 Horizon Blvd	4/11/2022	5	5		under review
1277-12225	14400 Golden Eagle	4/21/2022	0	15		under review
1277-12224	Dutch Bros , LLC	4/22/2022	0	5	6/21/2022	approved
1277-12209	PDEU9 PHI	5/5/2022	195	195		under review
1277-12229	Walmart #3136-13900 Horizon Blvd	5/5/2022	0	0	6/2/2022	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		under review
1277-12237	801 S. Darrington	5/19/2022	7	7		under review
1277-12249	201 S. Darrington	6/14/2022	0	6		under review

**TOTAL OUTSTANDING COMMITMENTS**

1991      2280