

**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 June 24, 2021 at 6:00 p.m. by Teleconference via Zoom. 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
John Whitaker	-	Vice President
Dean Hulsey	-	Treasurer
Mike Barton	-	Assistant Secretary
<i>vacant</i>	-	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 LLC - Michael Luft. Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, John Jansing, Adrian Briones, Tom Urrabazo, Frank Ortiz. El Paso Disposal - Lorena Quezada. Horizon Golf & Conference Center - Luis Delgadillo. Moonlight - Tulia Zepeda. City of Horizon – Terry Quezada. The Pledge of Allegiance was said with audience participation.

**4. RECEIVE CITIZEN COMMUNICATIONS.**

None

**5. CONSENT AGENDA.**

A: Consider and Take Action to approve the Minutes of Special Meeting held on April 15, 2021, Special Meeting held on April 28, 2021 and Special Meeting held on May 12, 2021.

- B: Consider and Take Action to Approve the Payment of Bills and Invoices for Operations and Construction: and to Approve the Transfer of Funds.
- C: Consider and Take Action to Approve the Financial Statement for the Month Ending May 31, 2021.
- 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 Paseo del Este Unit 5 Water, Wastewater and Drainage Improvements.
- G: Consider and Take Action on Biglon and Duanesburg Force Main Emergency Replacement Pay Application No. 1.

Motion was made by Director Whitaker and seconded by Director Barton to approve the Consent Agenda.

After no opposition, motion was passed.

*\*Director Jarvis requested with permission of the Board to begin meeting with item #7 then moved to item #24.*

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

Discussion item only. Ms. Troncoso reported that at this time they were doing the final phase of the Environmental Certification which in part will include a public meeting with the community and need to give 30 days' notice. In conjunction with the Environmental Consultant, they are reaching out to the neighborhood representatives starting with Mr. Padilla as well as Katherine Lucero and the executive officials so everyone is aware of that meeting. Scheduling looks to be the first week of August. Mr. John Jansing added that the Texas Historical Commission reported back on the environmental information document, that they support the cultural resources survey is not necessary meaning this process may move more quickly to the design portion.

No Action Necessary.

7. **CONSIDER AND TAKE ACTION ON RESOLUTION TO SUPPORT OF HORIZON CITY PROJECT FOR RAISE GRANT.**

Mr. Alan Petrov explained this resolution is simply showing the support of the District for the City's activities with respect to the proposed development and project planning. It does not obligate the District monetarily.

Motion was made by Director Whitaker to approve the resolution to support the rising project for RAISE grant and was seconded by Director Barton.

After no opposition, motion was passed.

8. **PRESENTATION FROM MAX PRESTRIDGE FOR MOUNTAIN SHADOW LAKES 4,100 ACRES.**

Mr. Max Prestridge presented information stating he is working with Mike Mowles who's family owns the property that surrounds Mountain Shadow Lakes which is within the District. Mr. Prestridge stated Mr. Mowles wanted to see if there was any interest in purchasing that property, he is interested in selling some or all of it. Director Jarvis asked Ms. Troncoso if she had a chance to review the information and Ms. Troncoso replied they had not but does have a copy of a study that Mike Thornhill did on the lake property. Director Jarvis thanked Mr. Prestridge and said they would keep in contact.

No action necessary.

9. **CONSIDER AND TAKE ACTION ON MANAGEMENT REPORT RELATING TO MANAGEMENT AND OPERATIONAL ACTIVITIES OF THE DISTRICT.**

Mr. McGinnis presented and discussed the Water System Report for May 2021.

**See attached report.**

Director Whitaker made a motion to approve the Management Report relating to Management and Operational activities of the District to include collections and write offs. This was seconded by Director Barton.

After no opposition, motion was passed.

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

Mrs. Linda Troncoso discussed and presented current service commitment applications and construction activity, then presented a summary of the Engineers Report.

**See attached report.**

Director Barton made a motion to approve the Engineers Report and was seconded by Director Whitaker.

After no opposition motion passed.

11. **CONSIDER AND TAKE ACTION ON MANAGEMENT REPORT RELATING TO MANAGEMENT AND OPERATIONAL ACTIVITES OF SPRAYFIELD No. 1.**

Mr. Luis Delgadillo reported the financials for May stating it was a very good month. Last year during Covid-19 they were able to open the golf course on April 29<sup>th</sup> or 30<sup>th</sup> and

it was extremely busy in the month of May as people wanted to get out and play golf. With restrictions they were still very busy. In comparison to the previous year, May 2020, the golf course made about \$1,500 more in revenue. They were almost \$18,000 ahead of budget and beat budget by about \$13,000. Expenses were right in line, year to date they are about \$150,000 ahead of budget and about \$131,000 in the black. Director Jarvis commented they needed to keep up the consistency and Mr. Delgadillo replied right now the golf course is in very good shape is doing really well.

Director Barton made a motion to approve the management report relating to management and operational activities relating to Sprayfield No. 1 and was seconded by Director Whitaker.

After no opposition motion passed.

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

Ms. Zepeda reported they had sold more than expected. Director Jarvis asked Mr. Delgadillo if they had looked at the air conditioner in the banquet room and Mr. Delgadillo stated this was the first he had heard of this issue and would get in contact with Ian at Longhorn Maintenance. Director Barton asked Ms. Zepeda about the swimming pool, how it turned out after being painted. Ms. Zepeda stated it was turning green already but said they did add chlorine again and Mr. McGinnis added when he was there he backwashed it and it was flowing they way it needed to, he color coded the valves and would be getting Ms. Zepeda instructions on how to backwash and put it back in operation. Mr. McGinnis also explained she would need to constantly be adding chlorine because as hot as the weather has been and the sun hitting the pool the way it does the chlorine will just dissipate quickly. Mr. McGinnis added they still had to fix a pipe and once that is fixed they would get back on the filtration to check how it's running.

Director Barton made a motion to approve the management report relating to Moonlight P&Q LLC and was seconded by Director Whitaker.

After no opposition motion passed.

13. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 12 (FINAL) FOR SUMMER SKYSUBDIVISION WATER, WASTEWATER, AND FORCE MAIN IMPROVEMENTS.**

Director Jarvis asked if all criteria had been met and all paperwork was in order. Ms. Troncoso stated it was.

Director Whitaker made motion to approve the final pay estimate No. 12 final for Summer Sky Subdivision water, wastewater and force main improvements, this was seconded by Director Barton.

After no opposition motion passed.

14. **CONSIDER AND TAKE ACTION ON ACCEPTANCE FOR OPERATIONS AND MAINTENANCE OF SUMMER SKY SUBDIVISION WATER, WASTEWATER, AND FORCE MAIN IMPROVEMENTS.**

Director Jarvis requested a motion.

Director Whitaker made a motion to approve and was seconded by Director Barton.

No action necessary, discussion item.

15. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 12 (FINAL) FOR SUMMER SKY LIFT STATION IMPROVEMENTS.**

Director Jarvis requested a motion

Director Whitaker made a motion to approve and was seconded by Director Barton.

After no opposition motion passed.

16. **CONSIDER AND TAKE ACTION ON ACCEPTANCE FOR OPERATIONS AND MAINTENANCE OF SUMMER SKY LIFT STATION IMPROVEMENTS.**

Director Jarvis requested a motion.

Director Whitaker made a motion to approve and was seconded by Director Barton.

After no opposition motion passed.

17. **CONSIDER AND TAKE ACTION IF NECESSARY, ON REQUEST BY DIG DEEP FOR COCHRAN PARK.**

Ms. Troncoso stated they are finalizing improvement plans and will be distributed to solicit for private bidding for Dig Deep to pay for work and no action necessary.

No action necessary.

18. **CONSIDER AND TAKE ACTION ON REQUEST BY HCIA FOR SCHOOLS AND PARK PROPERTY REQUEST.**

Ms Troncoso stated no action necessary.

No action necessary.

19. **CONSIDER AND TAKE ACTION ON EMERGENCY REPAIRS OF DIGESTERS AT WWTP.**

Ms. Troncoso requested to table item to a special board meeting.

Item tabled..

20. **CONSIDER AND TAKE ACTION ON REQUEST TO THE TCEQ FOR AN EXTENSION ON TIME TO ISSUE THE DISTRICT'S BONDS AND A CHANGE IN SCOPE WITH RESPECT TO THE TCEQ'S BOND APPROVAL FOR SUCH BONDS.**

Mr. Alan Petrov stated two things needed to be done on this item. The first is TCEQ asks an extension request be made to them regarding the previous approval of the District's bond issuing. When TCEQ approves the bond issue, their approval is good for one year so for each successive year the District would need to make an application to extend that approval for another year. The District is at the point of preparing for their third issuance out of the original approval. The second part is a change in scope related to some of those funds that were originally ear marked or "capitalized interest" in the District's bond issuance.

Director Barton made a motion to request TCEQ for the extension of time of the District's bonds and a change in scope and was seconded by Director Whitaker.

After no opposition motion passed.

21. **ELECTION OF OFFICERS.**

Director Jarvis requested to hold off on this item to the next meeting when they would have their new Board Member and move forward.

Item was tabled.



22. **CONSIDER AND TAKE ACTION ON IN PERSON MEETINGS AND OPENING THE FRONT LOBBY.**

Mr. Petrov explained that the State has been lifting its restrictions and the Board was still entitled to have the virtual meetings but was seeing many of his clients go back to in-person meetings for the board meetings at least. Director Jarvis stated he would like to continue the committee meetings virtually and only have in-person meetings for the monthly regular board meetings. Director Jarvis asked if it was legal to have in-person meetings and still be able to log in online. Mr. Petrov stated it was in fact legal as long as the Governor keeps certain suspensions of the open meetings act in place.

Director Jarvis made a motion to adopt a policy of the regular monthly board meeting be in-person at the water districts office and all other committee meetings will continue to be at the discretion of each committee. This was seconded by Director Barton.

After no opposition motion was passed.

Mr. McGinnis reported there was no issue with opening the lobby to customers again since there is a glass to separate the customers and the cashiers, the only thing that would need to get done would be to limit the customers coming in. Mr. McGinnis also added that opening the lobby would help tremendously when disconnections are being done because the line for the drive-thru can stretch out to the street and may become a traffic hazard. Director Jarvis requested to have signs posted and floor markings.

Director Barton made a motion beginning July 6, 2021 the district office will open for customers inside and was seconded by Director Whitaker.

After no opposition motion was passed.

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

Mr. McGinnis presented a quote that was received from WHB for getting the replacement

pump and parts needed to put a well back in service. The quote was for the amount of \$41,545.00. Mr. McGinnis also stated he had requested a quote from West Texas Waterworld but did not get a response. Mr. McGinnis asked for the Board to approve so they could have a spare pump.

Director Whitaker made a motion to approve the purchase of a spare pump and parts and was seconded by Director Barton.

After no opposition motion passed.

**24. CONSIDER AND TAKE ACTION FOR APPOINTMENT OF VACANT DIRECTOR POSITIONS.**

Director Jarvis asked Mr. McGinnis if he had received any applications and Mr. McGinnis replied the only one had been from Ms. Kit Thomas. Director Jarvis then asked if it had been reviewed to check if all was in order. Mr. McGinnis stated he had sent it to Mr. Petrov and had not received any questions on it. Mr. Petrov commented that the application did satisfy any legal requirements. Director Jarvis stated it was absolutely necessary to get membership on the Board so he nominated Kit Thomas for the vacated position of the Board of Directors to fulfill the remainder of the term that Director Moorhouse had on her term. This nomination was seconded by Director Hulse. Director Jarvis then requested a voice vote by roll call. Director Whitaker voted Yes, Director Jarvis voted Yes, Director Hulse voted Yes, Director Barton voted Yes. After a unanimous vote Kit Thomas will sit as position one and will continue to look for someone to take Director John Whitaker's position. Director Whitaker stated this would be his final Board Meeting.

**25. EXECUTIVE SESSION, AS NECESSARY.**

Mr. Alan Petrov did not have any items.

No Action Necessary.

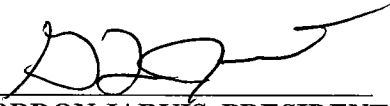
26. **REPORTS AND DISCUSSION OF OTHER MATTERS THAT MAY COME BEFORE THE BOARD.**

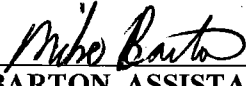
Director Jarvis stated he had a couple things to discuss the first being he wanted to ask the Board and is going to put it on next month's agenda to determine whether or not to remain active members of the Rio Grande Council of Governments. The second was Director Jarvis asked Mr. Petrov if he had an opportunity to look at the markup on the Districts information form and Mr. Petrov stated he had and would be getting back to Director Jarvis to sign.

Director Whitaker spoke and thanked the Board for allowing him to be a part of the Board.

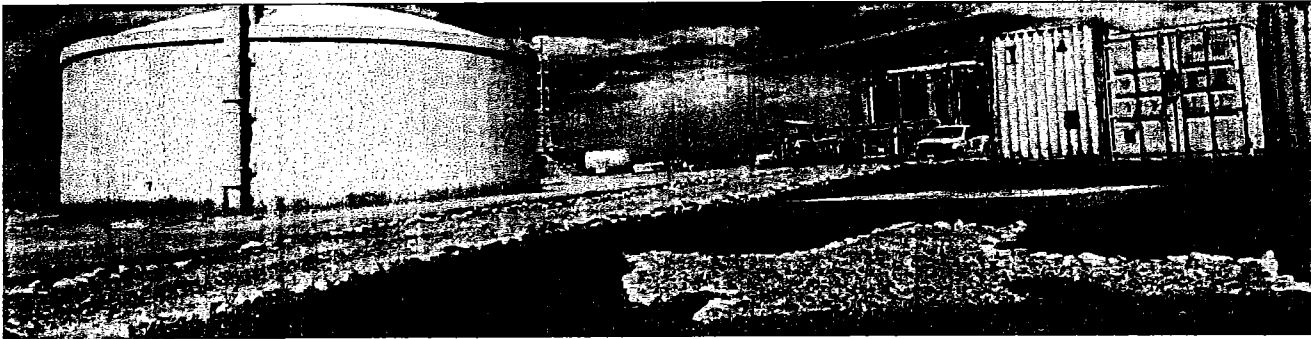
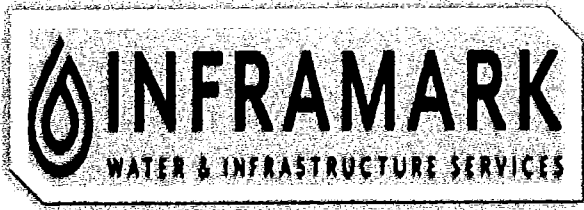
There being no further business before the Board, the meeting was upon motion made by Director Whitaker and seconded by Director Barton all in favor and carried, adjourned at 7:26 p.m.

**READ, APPROVED AND ADOPTED THIS 26<sup>th</sup> DAY OF AUGUST 2021.**

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

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

CM/VS



Horizon Regional MUD  
General Manager Reports for the month of  
May 2021

**Board Meeting Date:**  
June 24, 2021

Reviewed By: Carlos McGinnis  
Date: 06-24-2021

A handwritten signature in black ink, appearing to be "Carlos McGinnis". The signature is fluid and cursive, written over the printed name and date.



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: 06/24/2021**

**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) Digesters have developed a few rusted pipes and pinholes on the sides of tanks.
- b) We are awaiting prices for emergency repairs
- c) Golf Course Lift Station Pumps back online.

### 2) Distribution System – Billing

- a) Replaced 100 residential meters
- b) Repaired 30 streets and 9 meter leaks

### 3) Collection System

- a) Bain Construction has Bored across Horizon Blvd for Force Main.

**4) Ponds**

- a) Atomizers are all running. E3 is going to stop and check on units.
- b) Inframark is obtaining prices for repairs on fence due to equipment issues.

**5) Construction**

- a) New Drilling company is going to start first week of July after the 4th
- b) Well 10- Contractor is installing new pump and finishing off Electrical.

**6) Customer Care**

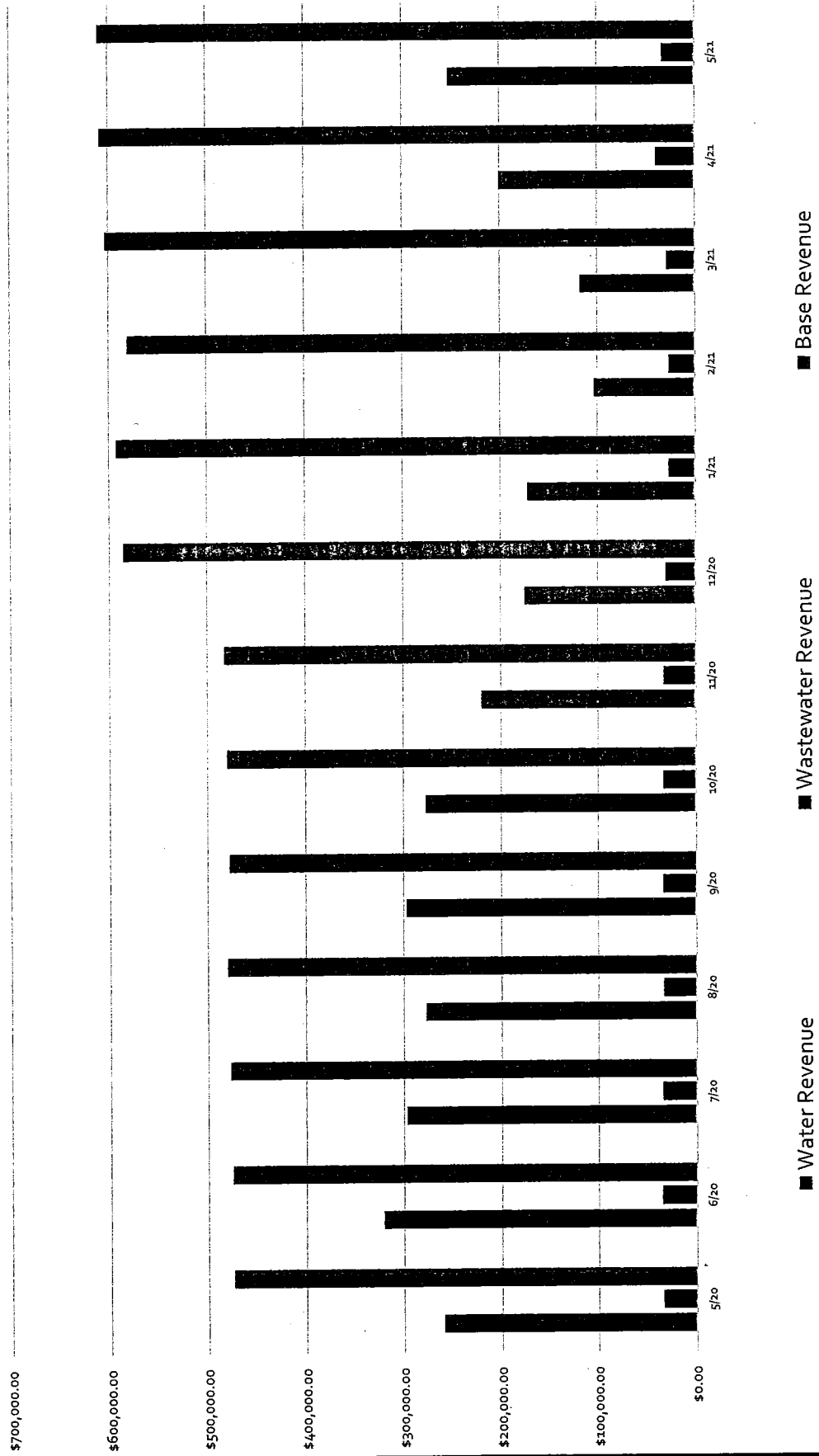
- a) Assisted 20 Customers with payment plans.
- b) Disconnections are getting done and helping recover more income for District



**Billing Summary**

Description	Connections	
	May-20	May-21
Residential	11,196	11,619
Commercial	245	246
Irrigation	53	54
School	20	20
Municipal	15	16
Church	12	12
Bulk Meter	34	27
<b>Total Number of Accounts Billed</b>	<b>11,575</b>	<b>11,994</b>
	<b>Consumption</b>	
Residential	104,892,000	77,126,900
Commercial	4,611,900	6,824,000
Irrigation	3,067,400	4,210,000
School	391,400	1,013,000
Municipal	1,141,900	875,700
Church	139,000	424,200
Bulk Meter	3,578,900	8,447,000
<b>Total Gallons Consumed</b>	<b>117,822,500</b>	<b>98,920,800</b>
	<b>Average Consumption</b>	
Residential	9,369	6,638
Commercial	18,824	27,740
Irrigation	57,875	77,963
School	19,570	50,650
Municipal	76,127	54,731
Church	11,583	35,350.00
Bulk Meter	105,262	312,852
<b>Avg Water Use for Accounts Billed</b>	<b>10,179</b>	<b>8,248</b>
Total Billed	\$ 753,114	\$ 899,080
Total Aged Receivables	\$ 734,928	\$ 974,573
Total Receivables	\$ 1,488,042	\$ 1,873,653

# 12 Billing Month History Revenue by Category



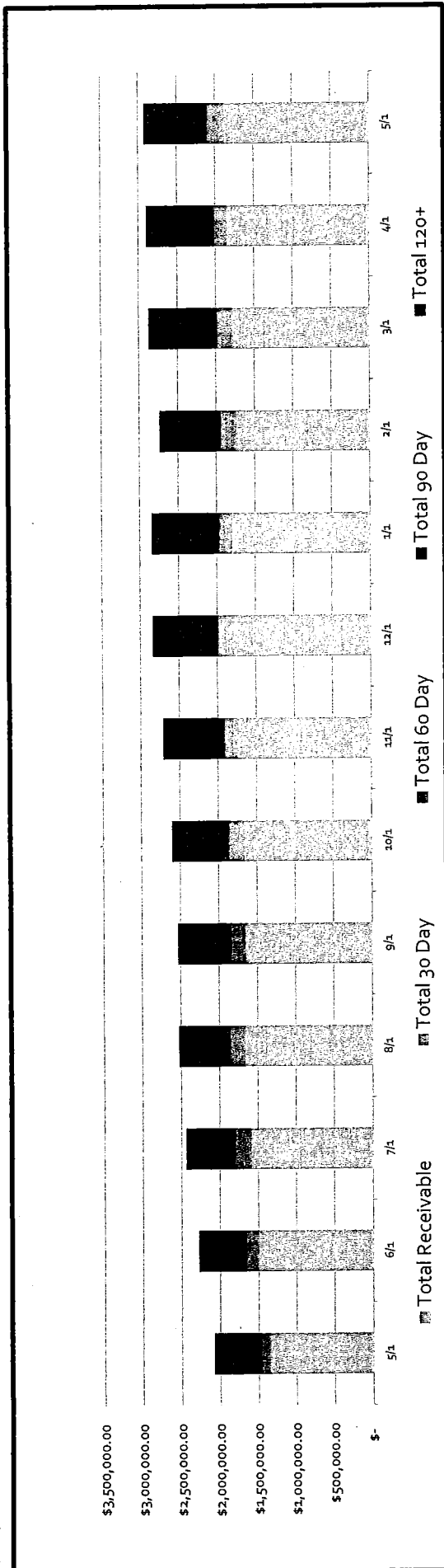
■ Base Revenue

■ Wastewater Revenue

■ Water Revenue



# 12 Month Accounts Receivable and Collections Report



Date	Total Receivable	Total 30 Day	Total 60 Day	Total 90 Day	Total 120+
May-20	\$ 1,337,236.75	\$ 115,769.18	\$ 57,143.25	\$ 29,287.25	\$ 535,095.95
Jun-20	\$ 1,488,042.85	\$ 161,656.90	\$ 51,852.97	\$ 26,881.26	\$ 547,222.85
Jul-20	\$ 1,583,837.79	\$ 205,305.34	\$ 59,602.81	\$ 28,489.38	\$ 556,565.69
Aug-20	\$ 1,654,021.42	\$ 192,624.45	\$ 76,918.05	\$ 30,574.26	\$ 570,116.90
Sep-20	\$ 1,640,863.30	\$ 191,779.18	\$ 82,668.00	\$ 42,641.43	\$ 575,925.87
Oct-20	\$ 1,650,141.76	\$ 203,947.29	\$ 98,625.44	\$ 49,350.20	\$ 599,167.07
Nov-20	\$ 1,729,935.25	\$ 175,058.62	\$ 106,151.43	\$ 69,194.84	\$ 629,952.91
Dec-20	\$ 1,770,411.56	\$ 207,832.94	\$ 108,237.68	\$ 71,753.10	\$ 681,133.00
Jan-21	\$ 1,786,862.11	\$ 172,835.92	\$ 101,402.21	\$ 60,325.89	\$ 726,213.52
Feb-21	\$ 1,722,490.80	\$ 214,525.76	\$ 82,699.56	\$ 53,867.48	\$ 665,301.95
Mar-21	\$ 1,766,831.02	\$ 207,653.81	\$ 91,445.80	\$ 55,281.36	\$ 751,717.92
Apr-21	\$ 1,836,972.28	\$ 171,883.21	\$ 75,000.39	\$ 49,451.85	\$ 759,714.51
May-21	\$ 1,873,653.31	\$ 221,893.33	\$ 72,858.73	\$ 33,999.47	\$ 717,874.28
Board Consideration to Write Off	\$30.23				
Board Consideration Collections	\$5,213.54				

Delinquent Letter Mailed 1733  
 Delinquent Tags Hung N/A  
 Disconnects for Non Payment 330

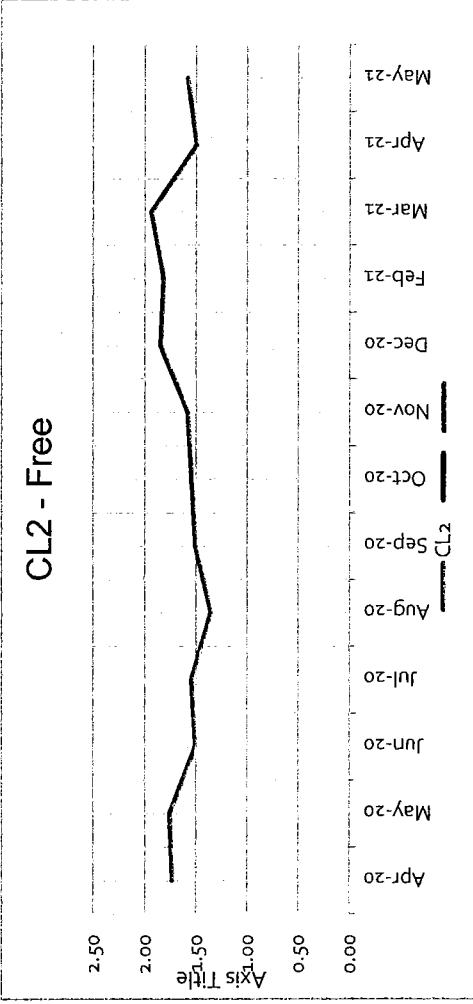


# Water Production and Quality

## Water Quality Monitoring

Current Annual CL2 Avg 1.61

Requirements	Min .02
Date	CL2
Apr-20	1.73
May-20	1.75
Jun-20	1.50
Jul-20	1.54
Aug-20	1.35
Sep-20	1.50
Oct-20	1.54
Nov-20	1.58
Dec-20	1.84
Feb-21	1.81
Mar-21	1.93
Apr-21	1.49
May-21	1.58





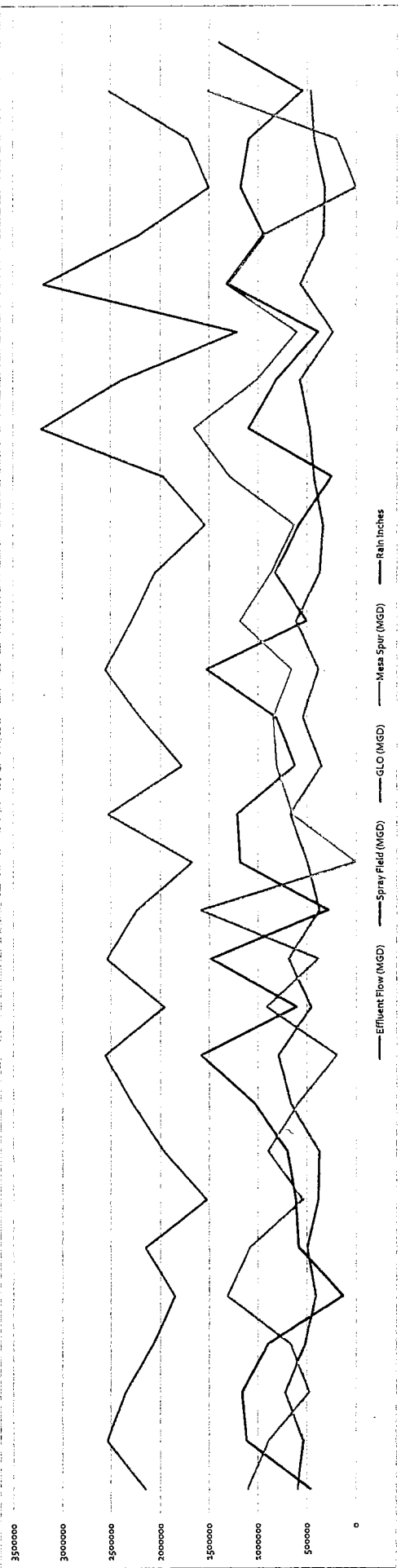
Pictures of Well 10 Progress

Month	Meeting Date	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gals Loss (-)	Water loss %
May 20	6/25/2020	11440	189,459	63,640	34,800	25,103	13.1%
June 20	7/23/2020	11459	222,173	66,681	44,800	23,487	10.6%
July 20	8/27/2020	11505	221,876	94,589	45,500	32,732	9.5%
August 20	9/24/2020	11473	224,872	118,203	47,100	29,486	14.9%
September 20	10/22/2020	11568	222,230	123,920	45,000	25,130	12.4%
October 20	11/19/2020	11644	192,769	120,141	55,210	23,943	14.7%
November 20	12/17/2020	11635	188,270	124,854	50,010	18,393	13.3%
December 20	1/28/2021	11723	173,568	94,483	35,000	24,174	10.6%
January 21	2/25/2021	11724	168,294	78,265	50,010	20,283	14.4%
February 21	3/25/2021	11825	162,714	70,544	45,050	20,283	12.5%
March 21	4/25/2021	11863	160,099	72,542	45,000	15,598	9.7%
April 21	5/27/2021	11958	198,067	102,131	35,000	21,815	12.5%
May 21	6/24/2021	11994	227,874	99,048	55,200	35,315	15.5%



# Wastewater Production and Quality

## Wastewater Flows for the Month of May 2021



### Wastewater Treatment Permit Summary - Month of May 2021

	DISCHARGE	Eff.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	2.157	Yes	71.9%
Avg. Sprayfield Flow	MGD	3	0.864	Yes	28.8%
Avg. GLO Flow	MGD	3	0.486	Yes	16.3%
Avg. Mesa Spur Flow	MGD	3	0.806	Yes	26.9%
Avg. Other Flow			0.001	N/A	
Avg. cBOD	mg/L	10	11.4	No	
Avg. TSS	mg/L	15	14.9	Yes	
Avg. Ammonia Nitrogen NH <sub>3</sub>	mg/L	3	1.52	Yes	
Avg DO	mg/L	7.77	7.30	Yes	
E. coli Bacteria	CFU	126	8.2	Yes	
MIN. PH	STD UNITS	6.0	6.51	Yes	
MAX. PH	STD UNITS	9.0	6.92	Yes	

TSS 7day Avg Exceeded 25.00 mg/l reported 25.45 week of 5/16/2021  
only applies if discharge

## Water Quality Noncompliance Notification

Unauthorized Discharge     
  Reportable Effluent Violation     
  Other

**General Information**

Entity Name: **Horizon Regional MUD**      Telephone No: **(915) 852-3917**

Permittee     
  Subscriber

TCEQ Region: **6**      County: **El Paso**      \*Permit Number: **WQ0010795001**

**Noncompliance Summary**

**Description of Noncompliance (Include location, discharge route, and estimated volume of unauthorized discharge)**

Effluent excursion as follows:

Date of Excursion	Parameter	Reported Value, mg/l	Permitted Value, mg/l
Month of May 2021	CBOD, Daily Avg	11.4	10
5/18/2021	CBOD, Daily Max	25.6	25
Week of 5/16/2021	CBOD, 7-day Avg	21.5	15
Week of 5/16/2021	TSS, 7-day Avg	25.45	25

**Cause of Noncompliance:** Influent constituent(s) caused inhibition of the biomass in the aeration system resulting in poor settling of the solids and pin floc carryover of solids to the effluent of the WWTP along with an increase in CBOD.

**Duration:**      **Start Date and Time:** See description of noncompliance.  
                          **End Date and Time:**  
                          **Or Date Expected to be Corrected:**

**Potential Danger to Human Health and Safety or the Environment:** None anticipated. The average concentration for total suspended solids was 0.45 mg/l over the permit limit which is not significant enough to cause potential danger or harm to human health or the environment.

**Actions Taken**

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

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

**Actions Taken to Mitigate Adverse Effects:** Air was increased to the aeration system to increase DO, return aerated sludge (RAS) was adjusted and wasting of sludge (WAS) was adjusted to develop new biomass growth within the aeration system to improve the settleability of the suspended solids in the treatment process.

**Actions Taken to Correct the Problem and Prevent Recurrence:** Adjusted wasting rates of sludge, cleaned influent lift station and bar screen and modified process control sampling for quicker response to influent variations.

**Verification Information**

**Information Reported By (Name/Title):** Alan Gould/ Senior Manager

**Date Reported:** 6/14/2021      **Signature** 

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

**Date: June 15, 2021**

**Re: Operations Report for May 2021**

**Lift Stations**

Barrel Cactus Lift Station	Fully operational.
Benton Lift Station	Fully operational
Biglon Lift Station	Fully operational
Duanesburg Lift Station	Running on 1 pump
Ellsworth Lift Station	Fully operational
El Paso Hills Lift Station	Fully operational.
El Paso Hills Relay Station	Fully operational
El Paso Hills Lift Station #	Fully operational
Horizon Lift Station	Fully operational
Kenazo Lift Station	Fully operational
Notre Dame List Station	Fully operational
Manor 9 Lift Station	Fully operational
Section 32 Lift Station	Fully operational
Veny Webb Lift Station	Fully operational
Woodale Lift Station	Fully operational
Glo Lift Station	Temp fixing to continue pump to GLO Ponds.

**Tanks**

<u>GST 1</u>	Online as reserve storage for the distribution system.
<u>GST 2</u>	Online with 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**

- 4 blowers are up and running
- JCH is scheduled to service blowers this month.
- Hauled out 21 loads of sludge





## **Wells**

Noticed that well 3 has some vibration, not sure why?  
All other wells are up and running.

## **Pump Stations**

Pump Station 3  
Operational

Raw Water Station Operational

Pump Station 4  
Operational.

## **RO Plant**

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

RO Ponds.

Had burnt pump on unit 2 has been replaced now and up and running.  
Ponds are full, doing all we can to keep concentrate in ponds.

David Munoz - Inframark

**Monthly leak Report****May-21**

<b>ADDRESS</b>	<b>Date</b>	<b>Street Leak</b>	<b>Meter Leak</b>	<b>Payment Repaired</b>
14225 Desert Fire	5/3/2021	YES		YES
14557 Puerto de Carmen	5/3/2021	YES		YES
14705 Horizon Fire	5/3/2021	YES		YES
827 Bolin	5/4/2021		YES	YES
663 Oro	5/4/2021		YES	YES
14208 Desert Bush	5/4/2021			YES
14505 Hendrik	5/4/2021	YES		NO
1510 Oppsum	5/4/2021	YES		YES
871 Agua Pura	5/6/2021	YES		YES
14424 Desert Sage	5/6/2021	YES		NO
670 Oro	5/10/2021		YES	NO
14485 Canario	5/10/2021			NO
14600 Las Aguilas	5/10/2021	YES		YES
14516 Alcon	5/10/2021	YES		YES
228 Crocker	5/10/2021		YES	NO
232 Crocker	5/10/2021		YES	NO
517 Serena	5/10/2021	YES		YES
14040 Golden Barrel	5/11/2021	YES		YES
131 Sand Drift	5/11/2021	YES		YES
165 Desert Mesa	5/11/2021	YES		YES
257 Sugar Hill	5/11/2021	YES		NO
14485 Encantado	5/11/2021	YES		YES
151 Lake Westpoint	5/11/2021	YES		NO
14248 Desert Stone	5/11/2021	YES		YES
792 Desert Sprint	5/13/2021	YES		YES
14796 Paseo Verde	5/14/2021	YES		YES
492 Jeweled Mesa	5/14/2021		YES	NO
748 Agua Clara	5/17/2021		YES	NO
4325 Desert Crest	5/17/2021		YES	NO
452 Lavren	5/18/2021	YES		YES
14600 Desierto Clara	5/18/2021	YES		YES
14705 Calhoun	5/19/2021	YES		NO
1520 De Gauller	5/20/2021	YES		NO
13650 Eastlake	5/24/2021	YES		NO
472 De Bartolo	5/25/2021		YES	NO
14115 Ghost Flower	5/26/2021	YES		YES
14232 Desert Sage	5/26/2021	YES		YES
805 Desert Sunset	5/27/2021	YES		YES
407 Roslyn	5/27/2021	YES		NO

**Monthly leak Report**

**May-21**

<b>ADDRESS</b>	<b>Date</b>	<b>Street Leak</b>	<b>Meter Leak</b>	<b>Payment Repaired</b>
				<b>NO</b>
<b>404 Tierra</b>	<b>5/28/2021</b>	<b>YES</b>		
<b>628 Plata</b>	<b>5/31/2021</b>		<b>NO</b>	<b>NO</b>

<b>Street Leaks</b>	<b>30</b>
<b>Meter leaks</b>	<b>9</b>
<b>Total leaks</b>	<b>39</b>



Engineering Solutions

**MEMORANDUM**

**Via E-Mail**

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

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

**DATE:** June 24, 2021

**SUBJECT:** June 24, 2021 Board Meeting  
Engineer's Report  
TRE Job No.: 1277-7388-54

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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.

**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**

TRE has addressed all comments from Inframark and the Town of Horizon and are only pending TxDOT approval of the plans for the 1.5 MG tank on Breaux. Plans and specifications have been approved by the TCEQ and permits and approval by the Town of Horizon are only pending TxDOT approval.

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

Both wells have been drilled and flushed. The pumps have been delivered and TRE is coordinating with the contractor for site modifications and with EPEC and the adjacent property owner for installation of power to the well sites. The pump is being set in Well No. 10 this week.

### **4.2 MGD RO Plant Expansion and Permit Amendment**

The design survey is complete and the components for the new RO plant will be designed in conjunction with the evaluation for RO concentrate disposal. The General Permit for the RO Plant is anticipated to be approved by the TCEQ in the coming days.

### **RO Concentrate Disposal Management**

The additional drilling of the pilot well is anticipated to begin on July 6, 2021. The drillers are preparing the casing for installation.

The existing E3 MegaMist system is operational. Kendrick Electric was on site this week to prepare for the electrical installation for the second E3 system, which is scheduled to begin installation on approximately July 19, 2021 which will include the retrofit of the existing system with sine filters for the electrical system.

### **Wastewater Treatment Plant Expansion Design and Major Permit Amendment**

TRE has initiated the design and is working with Inframark regarding specification, design, and integration of necessary components. The design survey is complete. The new wastewater treatment plant permit was issued on September 3, 2020.

### **Wheeler Well No. 8 Rehabilitation**

The evaluation of this well has been approved but postponed until Well No. 10 is operational.

### **Duanesburg Force Main Emergency Repair**

Bain Construction has installed and backfilled force main on Pawling, Duanesburg, and McMahon, and is preparing to bore under Horizon Boulevard with two separate crews on site. Pay Estimate No. 2 is on the agenda for approval at this meeting.

### **Duanesburg Lift Station Rehabilitation**

TRE is coordinating with Inframark and Alan Petrov to identify funding available from existing bond funds to rehabilitate the existing lift station which needs replacement of pumps, pump bases, rails, controls, and piping.

TRE & Associates, LLC

HRMUD Engineering Report  
June 24, 2021  
Page 3 of 3

**Wastewater Treatment Plant Digester Emergency Repair**

TRE is coordinating with Inframark and RM Wright to assess the extent of the emergency repairs necessary to replace leaking piping to the air lift pumps within the existing digesters. Inframark is currently taking the first digester offline for the inspection and assessment of all internal piping. Following that inspection, pricing will be presented to the Board for approval.

Linda Troncoso will be at the June 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 6/14/21)**  
**COMMITMENT APPLICATIONS**

<b>Job #</b>	<b>Job Title</b>	<b>Date Received</b>	<b>Additional Info Request</b>	<b>Commitment Letter Released</b>	<b>Committed LUE's WW</b>	<b>Committed LUE's Wtr</b>	<b>Comments</b>
1277-12035	283 S. Darrington	4/7/2021		5/25/2021	1	1	under review
1277-12051	Polar Services Center	4/15/2021					awaiting paid app
1277-12059	HC Unit 91 Blk 791-792	4/15/2021		6/9/2021	0	11	approved

**TRE & ASSOCIATES, LLC (revised 6/14/21)**  
**HR - CONSTRUCTION REVIEW**

Job #	Job Title	Commitment Letter Released	Plans Received	Plan Comments Sent	Plan Approval	Comments
1277-11727	Horizon City Unit 64- 5 lots	5/23/2019				awaiting plan submittal
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
1277-12011	Horizon Mesa Self Storage	2/17/2021	2/15/2021			under review
1277-12020	Corcoran Park Restroom	4/6/2021	3/11/2021	4/6/21 - 1st set 4/23/21 - 2nd set		awaiting revised plans
1277-12059	HC Unit 91 Blk 791-792	6/9/2021	4/15/2021	6/11/2021		awaiting revised plans
1277-12036	283 S Darrington	6/9/2021	5/17/2021	6/8/2021		awaiting revised plans



**TRE & ASSOCIATES, LLC (revised 6/14/21)**  
**CONSTRUCTION OBSERVATION**

<b>Job #</b>	<b>Job Title</b>	<b>Plan Approval</b>	<b>Construction Start Date</b>	<b>Comments</b>
1277-11741	Summer Sky Unit 1	5/9/2019	7/3/2019	under construction
1277-11826	Paseo del Este Unit 5	12/6/2019	11/24/2020	under construction
1277-11793	IDEA School	1/14/2020	2/24/2020	under construction
1277-11896	Rancho Desierto Bello Unit 13 Phase II	4/22/2020	2/16/2021	under construction
1277-11903	Summer Sky Unit 2	9/16/2020		Awaiting Construction Start
1277-11864	West Eastlake Estates Unit Two	3/5/2020		Awaiting Construction Start
1277-11973	Starbuck's	2/17/2021	2/26/2021	under construction

**TRE & ASSOCIATES, LLC (revised 6/14/21)**  
**HR - APPROVED UTILITY SERVICE COMMITMENTS**

Job #	Job Title	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Plan Approval	Comments
1277-11741	Summer Sky Unit 1	4/23/2019	374	374	5/9/2019	awaiting acceptance
1277-11727	Horizon City Unit 64- 5 lots	5/2/2019	5	5		awaiting plan submittal
1277-11826	Paseo del Este Unit 5	12/4/2019	215	215	12/6/2019	under construction
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
1277-11863	Rancho Desierto Bello - Unit 13 Phase 1	2/20/2020	79	79	5/1/2020	awaiting acceptance
1277-11864	West Eastlake Estates Unit Two	2/24/2020	118	118	3/5/2020	under construction
1277-11896	Rancho Desierto Bello Unit 13 Phase II	5/20/2020	82	82	4/22/2020	under construction
1277-11903	Summer Sky Unit 2	5/20/2020	215	215	9/16/2020	awaiting construction start
1277-11918	Speedway - 13891 Horizon Blvd	7/15/2020	10	10	9/28/2020	complete
1277-11936	Horizon City Unit 49 - 12 lots	8/24/2020	12	12	9/2/2020	awaiting acceptance
1277-11973	Starbucks 13895 - Horizon Blvd	12/3/2020	12	12	2/17/2021	under construction
1277-12011	Horizon Mesa Self Storage	2/17/2020	3	3		under review
1277-12020	Corcoran Park Restroom	3/5/2021	1	1		under review
1277-12035	283 S. Darrington	5/25/2021	1	1		awaiting revised plans
1277-12059	HC Unit 91 Blk 791-792	6/9/2021	0	11		awaiting revised plans

**TOTAL OUTSTANDING COMMITMENTS**

1191

1224