

**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 August 26, 2021, at 6:00 p.m. in person and 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
Dean Hulsey	-	Vice President
Florence Thomas	-	Treasurer
Mike Barton	-	Secretary
<i>vacant</i>	-	Assistant Secretary

Director Gordon Jarvis called the meeting to order at 6:00 p.m. A quorum was established. Also attending the meeting were the District's consultants: Inframark LLC - Michael Luft. Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, El Paso Disposal - Lorena Quezada. Horizon Golf & Conference Center - Luis Delgadillo. HCIA - Roxanne Jurado. 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 Regular Meeting held on June 24, 2021 and Special Meeting held on July 15, 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 July 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. 2 for Summer Sky Phase II Water and Wastewater Improvements.
- F: Consider and Take Action on Biglon and Duanesburg Force Main Emergency Replacement Pay Application No. 4.

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

All in favor: 4 ayes.  
Opposed: 0 none

Motion passed to approve.

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

Discussion item only. Ms. Troncoso reported they had a public meeting at the beginning of August which was reported at the Engineering Committee Meeting, a public meeting and did report on the environmental updates and allowed the Horizon View Estate residents to give a report if they had a problem with other things other than their septic systems. Ms. Troncoso also reported about the investigations that had been done with fish and wildlife, wetlands and major species. Director Barton, who also attended that meeting stated there was about 45 people (HVE residents) that attended the meeting.

No Action Necessary.

7. **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 July 2021.

**See attached report.**

Director Thomas 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 Hulsey.

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.**

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 Hulsey made a motion to approve the Engineers Report 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 ACTIVITES OF SPRAYFIELD No. 1.**

Mr. Luis Delgadillo reported July was a really good month despite it slowing down with people stating to go back to work and school, but the weekends are still pretty busy. On the revenue side, he reported they beat it by about \$6,000 and had a bit more expenses than anticipated. They spent about \$2,000 more than budgeted in fertilizer, about \$1,500 in irrigation with three sprinklers used to do work in winter to expand irrigation, gas and oil had an extra shipment, and equipment repairs. For the month Mr. Delgadillo reported still being about \$2,000 ahead of budget with the golf course being budgeted to make about \$28,000 and actually made \$30,000. Year to date the golf course is about \$141,000 ahead of budget and has made about \$189,000 worth of profit. Mr. Delgadillo stated as of right now August is trailing about 7-8% below budget on the revenue side and is trying to keep the expenses low since September is the big month for overseeding and the cost of seed is going up 50-70% since the farms where the seed is produced burnt due to high heat temperatures and don't have as much seed. Mr. Delgadillo stated he would keep the golf course open until he has received the seed and will then decide when the golf course will close to begin the overseeding. Director Jarvis commented to Mr. Delgadillo there were some repairs that needed to get done in the parking lot and weeds needing to get cleaned up especially at the entrance of the parking lot. Mr. Delgadillo stated he just filled two positions and will be getting caught up again. Director Jarvis and Director Hulseley asked Mr. McGinnis for quotes for parking lot repairs.

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

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.**

Director Barton spoke to Ms. Zepeda and reported everything is doing good.

No action necessary.

11. **CONSIDER AND TAKE ON AWARD OF RANCHO DESIERTO BELLO UNIT 15 PHASE I WATER AND WASTEWATER IMPROVEMENTS.**

Ms. Troncoso reported these are 150 lots around the LTV extension and recommended award to CMD Endeavors who was the lowest bidder at \$977,499.00 and the owner has chosen to accept the lowest bidder but needs the Board's consent because they may come back and ask to be reimbursed for some portion of that expense through a defined area bond sale.

Director Hulseby made motion to award the Rancho Desierto Bello Unit 15 Phase I water and wastewater improvements to CMD Endeavors and was seconded by Director Barton.

All in favor: 4 ayes.

Opposed: 0 none

Motion passed to approve.

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

Ms. Troncoso stated there was no action necessary and the only update was that it did not get annexed through the legislative session so the District may have to wait another two years, in the meantime the District came make water available to them through the project being funded by Dig Deep. Mr. Alan Petrov added they are trying to do the petition method.

No action necessary.

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

Ms. Troncoso stated there was no update, nothing to report.

No action necessary.

14. **CONSIDER AND TAKE ACTION ON PURCHASE OF VERTICUT REEL FROM AUSTIN TURF & TRACTOR.**

Mr. Luis Delgadillo explained this was used to verticut the fairways to prep better for the overseed.

Director Hulsey made a motion to approve the purchase of Verticut Reel from Austin Turf & Tractor and was seconded by Director Barton.

All in favor: 4 ayes.

Opposed: 0 none

Motion passed to approve.

15. **CONSIDERATION AND POSSIBLE ACTION REGARDING RAVENNA II ANNEXATION. (Approx. 160 acres)**

Mr. Alan Petrov explained this was an annexation of property in the district and is a Hunt/Saratoga partnership. Ms. Troncoso added that this was a partnership that did Summer Sky units one and two and about six months to a year ago had acquired about 160 acres at the corner of Pellicano and Horizon Mesa Blvd just east of Colonia Revolucion. It is a corner section that was purchased from the general land office and would now like to acquire service from the district and in order to do so they want to be annexed and are requesting at this time. This would be 160 acres of residential properties. Ms. Troncoso added that they

would like to overlay a defined area bond on this property and will be seeking to have that on the May ballot. It is late for the November election and cannot create a defined area if not already in the district so they are asking to be annexed now and will look to do a defined area election in May. Director Jarvis commented that he didn't see the district have the ability or capacity to provide service. Ms. Troncoso stated that they had built a lift station in the current Summer Sky subdivision that was sized to provide service to this 160 acre track.

Director Hulsey made a motion to approve the Raveena II annexation (approx. 160 acres) and was seconded by Director Barton.

All in favor: 4 ayes.  
Opposed: 0 none

Motion passed to approve.

16. **CONSIDERATION AND POSSIBLE ACTION REGARDING AN ORDER EXCLUDING LAND AND REDEFINING THE BOUNDARIES OF THE DISTRICT (12795 PELLICANO DRIVE, LLC-4.5455 ACRES).**

Mr. Alan Petrov explained this was a track the district does not provide service but the city of El Paso through the PSB can provide service. Statute allows them to be released from the district.

Director Hulsey made a motion to approve the annexation of land 12795 Pellicano Dr from the district and was seconded by Director Barton.

All in favor: 4 ayes.  
Opposed: 0 none

Motion passed to approve.

17. **CONSIDER AND TAKE ACTION ON RATIFICATION OF PAYMENT OF**

**INVOICES FOR RO CONCENTRATE INJECTION WELL.**

Director Hulsey made a motion to ratify the payment of invoices for the injection well as per the direction of the Board and was seconded by Director Barton.

All in favor: 4 ayes.

Opposed: 0 none

Motion passed to approve.

**18. EXECUTIVE SESSION, AS NECESSARY.**

No items.

No Action Necessary.

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

Director Hulsey questioned the status of the lawsuit. Mr. Charlie McGinnis replied he has still been sending the lawyers everything they have been requesting and is still ongoing.

Mr. Alan Petrov provided a legislative update for the last legislative session to the Board stating there wasn't anything too dramatic for water districts but there were a couple of things that do impact the district. One thing is there is a change to public information, the way utility information and their own personal information works is that it is public information unless affirmatively stated you want information private. The law got reversed and now the presumption is that your information is private unless you say you want it public and will need to have a form available to customers. Mr. Petrov also informed the Board that there were also some changes to contracting. The legislature now requires that any contract valued at over \$100,000.00 the vendor would have to certify that they don't boycott energy companies, fossil fuel companies, or firearms




manufacturers. The other big thing was the website. The district will have to have information on the website.

Director Jarvis asked for an update on the truck breakdowns for El Paso Disposal. Ms. Lorena Quezada replied that the issue they are having is with the delay of delivery for parts but it is getting better. Director Jarvis asked if we are putting the information of the delays to notify the public on the website. Mr. McGinnis replied and said we were and that Ms. Quezada was actually emailing right away when they have technical difficulties and know they will not be able to finish servicing the area.

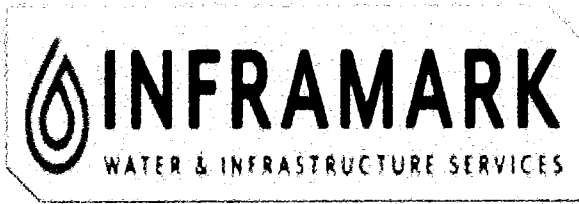
There being no further business before the Board, the meeting was upon motion made by Director Hulse and seconded by Director Barton all in favor and carried, adjourned at 7:49 p.m.

**READ, APPROVED AND ADOPTED THIS 23<sup>rd</sup> DAY OF SEPTEMBER 2021.**

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

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

CM/VS



**Horizon Regional MUD  
General Manager Reports for the month of  
July 2021  
Board Meeting Date:  
26-Aug-21**

**Reviewed By: Carlos McGinnis  
Date: 08-26-2021**

**4) Ponds**

- a) Atomizers are running.
- b) E3 is finalizing to install the new system in October.

**5) Construction**

- a) Contractor will start pumping injection well next week.
- b) Well 10- Smithco is finished with tie ins Drilling company is test pumping well to get sample

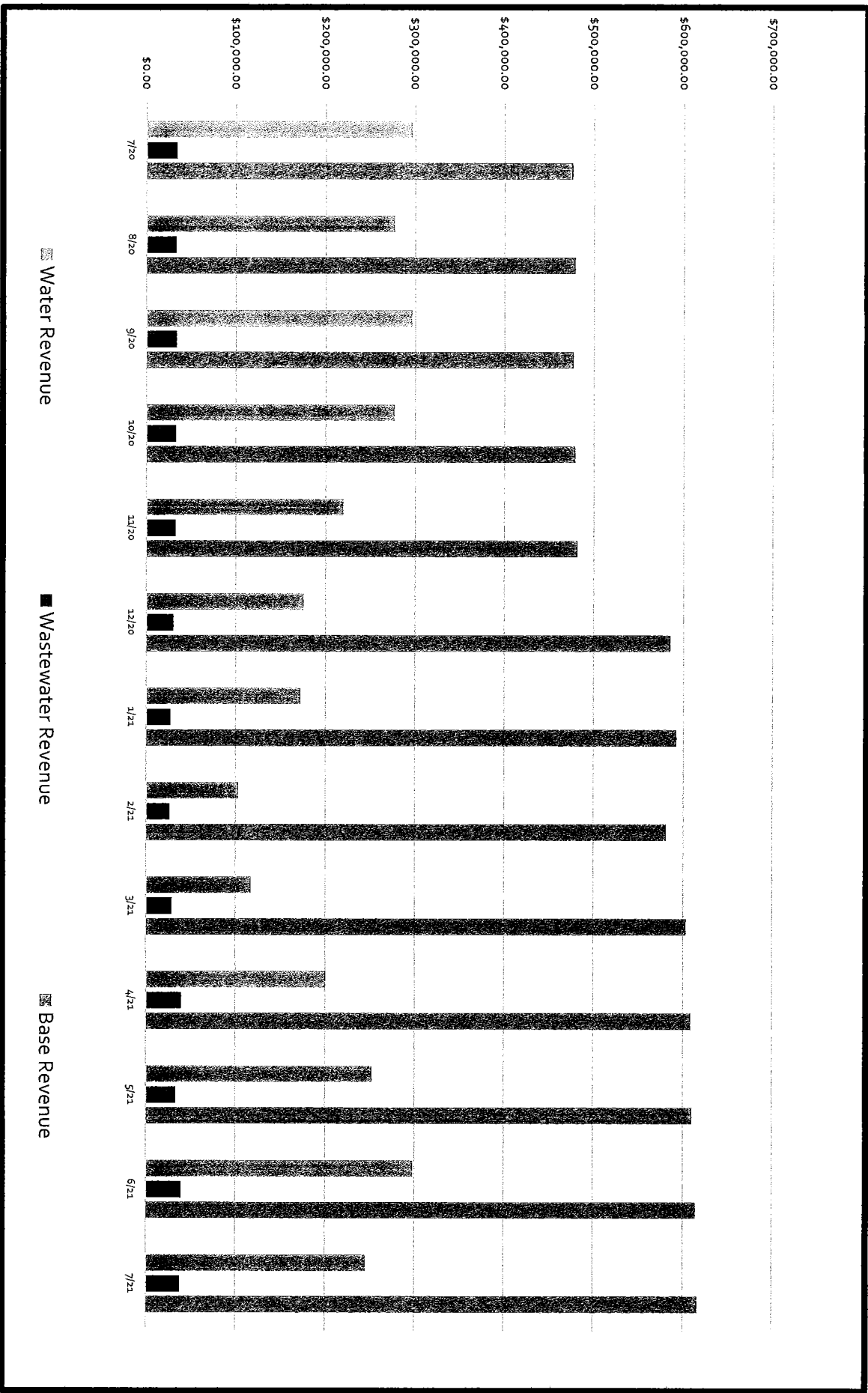
**6) Customer Care**

- a) Assisted 10 Customers with payment plans.
- b) 51 Disconnection were done in July.

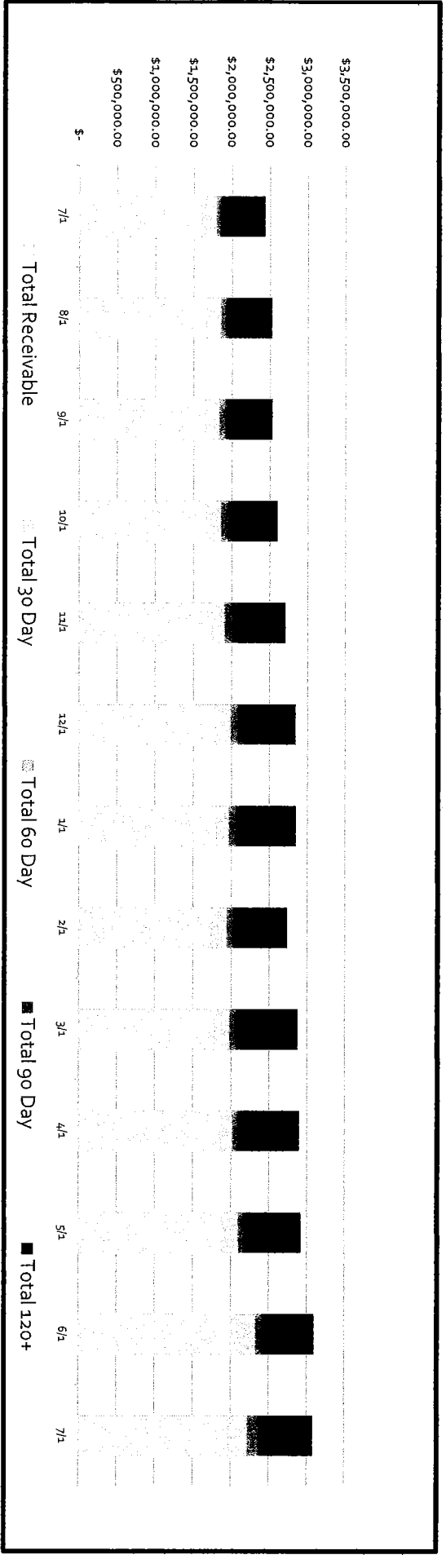
### Billing Summary

Description	Connections	
	Jul-20	Jul-21
Residential	11,252	11,750
Commercial	246	250
Irrigation	53	51
School	20	20
Municipal	16	16
Church	12	12
Bulk Meter	35	23
<b>Total Number of Accounts Billed</b>	<b>11,634</b>	<b>12,122</b>
	<b>Consumption</b>	
Residential	112,674,700	96,446,700
Commercial	10,039,100	6,757,100
Irrigation	3,815,900	5,855,500
School	856,000	6,718,500
Municipal	1,107,500	674,000
Church	286,300	611,000
Bulk Meter	2,601,000	1,177,000
<b>Total Gallons Consumed</b>	<b>131,380,500</b>	<b>118,239,800</b>
	<b>Average Consumption</b>	
Residential	10,014	8,208
Commercial	40,809	27,028
Irrigation	71,998	114,814
School	42,800	335,925
Municipal	69,219	42,125
Church	23,858	50,916.67
Bulk Meter	74,314	51,174
<b>Avg Water Use for Accounts Billed</b>	<b>11,293</b>	<b>9,754</b>
Total Billed	\$ 841,578	\$ 901,876
Total Aged Receivables	\$ 812,443	\$ 1,053,064
Total Receivables	\$ 1,654,021	\$ 1,954,940

# 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+
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	\$ 1,640,883.30	\$ 191,779.18	\$ 82,668.00	\$ 42,641.43	\$ 575,925.87
Oct-20	\$ 1,650,141.76	\$ 203,947.29	\$ 98,625.44	\$ 49,350.25	\$ 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	\$ 1,786,962.11	\$ 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	\$ 1,838,972.28	\$ 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
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	\$ 668,494.70

Board Consideration to Write Off  
 Board Consideration Collections

\$151,86  
 \$4,913.00

Delinquent Letter Mailed  
 Delinquent Tags Hung  
 Disconnects for Non Payment

1787  
 N/A  
 51



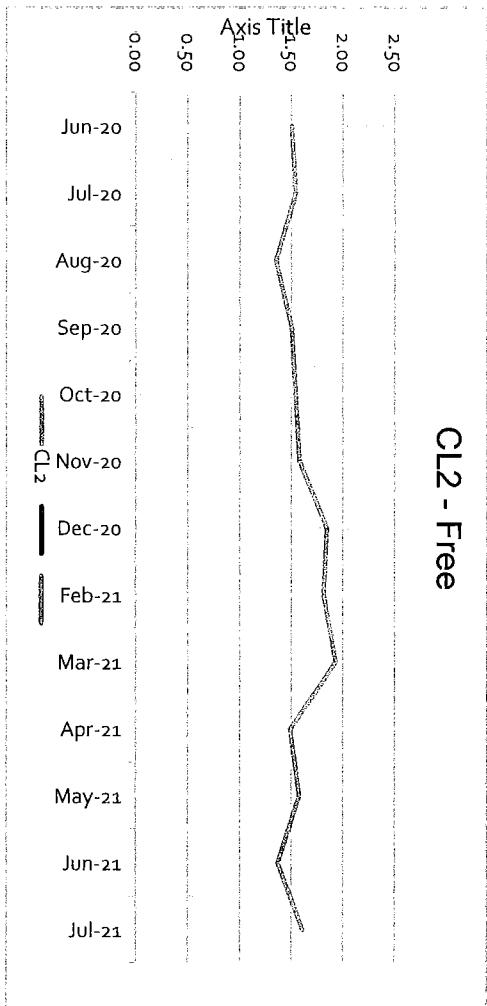
# Water Production and Quality

## Water Quality Monitoring

Current Annual CL2 Avg

1.59

Requirements	Min	.02
Date	CL2	
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	
Jun-21	1.37	
Jul-21	1.61	



Month	Meeting Date	Connection Total	Pumped Water	Sold (\$1000)	Flushing/District	Gal.s Loss (-)	Water loss %
July 20	8/27/2020	11505	221,876	94,589	45,500	23,487	10.6%
August 20	9/24/2020	11473	224,872	118,203	47,100	32,732	9.5%
September 20	10/22/2020	11568	222,230	123,920	45,000	29,486	14.9%
October 20	11/19/2020	11644	192,769	120,141	55,210	25,130	12.4%
November 20	12/17/2020	11635	188,270	124,854	50,010	23,943	14.7%
December 20	1/28/2021	11723	173,568	94,483	35,000	18,393	13.3%
January 21	2/25/2021	11724	168,294	78,265	50,010	24,174	10.6%
February 21	3/25/2021	11825	162,714	70,544	45,050	20,283	14.4%
March 21	4/25/2021	11863	160,099	72,542	45,000	20,283	12.5%
April 21	5/27/2021	11958	198,067	102,131	35,000	15,598	9.7%
May 21	6/24/2021	11994	227,874	99,048	55,200	21,815	12.5%
June 21	7/22/2021	12065	150,880	133,333	10,000	35,315	15.5%
July 21	8/26/2021	12122	152,172	118,239	20,000	13,933	9.0%



**Wastewater Production and Quality**

**Wastewater Flows for the Month of July 2021**



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

	DISCHARGE	EFF.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	2.025	Yes	67.5%
Avg. Sprayfield Flow	MGD	3	0.528	Yes	17.6%
Avg. GLO Flow	MGD	3	0.234	Yes	7.8%
Avg. Mesa Spur Flow	MGD	3	1.260	Yes	42.0%
Avg. Other Flow			0.003	N/A	
Avg. cBOD	mg/L	10	7.3	Yes	
Avg. TSS	mg/L	15	10.0	Yes	
Avg. Ammonia Nitrogen NH3	mg/L	3	2.98	Yes	
Avg DO	mg/L	7.77	7.30	Yes	
E. coli Bacteria	CFU	126	25.7	Yes	
MIN. PH	STD UNITS	6.0	6.78	Yes	
MAX. PH	STD UNITS	9.0	7.49	Yes	

only applies if discharge

**Monthly leak Report****July.2021**

<b>ADDRESS</b>	<b>Date</b>	<b>Street Leak</b>	<b>Meter Leak</b>	<b>Payment Repaired</b>
228 Sunset Hill	7/1/2021	YES		YES
14291 Desert Bush	7/1/2021	YES		YES
712 Desert Sage	7/1/2021	YES		YES
424 Cactus Crossing	7/2/2021	YES		YES
14737 Mountain Breeze	7/2/2021	YES		YES
14320 Lago Dieserto	7/2/2021	YES		YES
13940 Roslyn	7/3/2021	YES		YES
645 Deseirto Bonito	7/6/2021	YES		YES
14291 Deseirto Bonito	7/7/2021	NO	YES	N/A
1421 Coronel	7/8/2021	YES		YES
659 Danube	7/8/2021	YES		YES
1674 Dryden	7/9/2021	YES		YES
14104 Highweed	7/12/2021	YES		YES
468 Desert Marigold	7/12/2021	YES		YES
15337 Fairweed	7/12/2021	YES		YES
513 Serena	7/13/2021	NO	YES	N/A
14340 Desert Fire	7/13/2021	NO	YES	N/A
15000 Ashford	7/14/2021	YES		YES
14436 Schoenflied	7/14/2021	YES		YES
200 Lago Chico	7/15/2021	YES		YES
14536 Corby	7/15/2021	YES		YES
13587 Intrigue	7/19/2021	NO	YES	N/A
305 Roslyn	7/19/2021	NO	YES	N/A
645 Valle de Bravo	7/21/2021	YES		YES
14123 Rodman	7/21/2021	YES		YES
14299 Desert Cactus	7/23/2021	YES		YES
14372 Desert Wind	7/23/2021	YES		YES
124 Desert Mesa	7/25/2021	YES		YES
629 Paseo de Flor	7/25/2021	YES		YES
14309 Desert Orched	7/26/2021	YES		YES
745 Cocotilan	7/26/2021	YES		YES
14767 Calhound	7/26/2021	YES		YES
671 Agua Maggiore	7/27/2021	YES		YES
14355 Desert Bella	7/27/2021	YES		YES
14492 Daffodil	7/28/2021	NO	YES	N/A
14311 Lago de Garda	7/28/2021	YES		YES
14335 Lago de Garda	7/28/2021	YES		YES
14512 Canario	7/29/2021	YES		YES
14309 Thayer Pease	7/29/2021	NO	YES	N/A

**Monthly leak Report**

**July.2021**

<b>ADDRESS</b>	<b>Date</b>	<b>Street Leak</b>	<b>Meter Leak</b>	<b>Payment Repaired</b>
671 Agua Brava	7/30/2021	YES		YES
469 Los Palomas	7/30/2021	YES		YES
14355 Desert Sunset	7/31/2021	YES		YES

<b>Street Leaks</b>	<b>34</b>
<b>Meter Leaks</b>	<b>8</b>
<b>Total Leaks</b>	<b>42</b>



**Date: August 20, 2021**

**Re: Operations Report for July, 2021**

**Lift Stations**

<u>Barrel Cactus Lift Station</u>	Fully operational.
<u>Benton Lift Station</u>	Fully operational.
<u>Biglon Lift Station</u>	Fully operational Tie in scheduled for next week
<u>Duanesburg Lift Station</u>	One Pump Only Tie in scheduled for next week
<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>Hazelwood Lift Station</u>	Fully operational
<u>Kenazo Lift Station #2</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. Is being used for target practice. Wood plugs For temp fix.
<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**

- o 5 blowers are up and running
- o 1 blower in the shop 18 loads of sludge hauled.



Running GC Lift Station with one pump and a skid pump. #2 Pump in the shop (seal failure) should be ready today.

All wells up and running.

RO Ponds

Full, holding by a thread

Atomizers- All up and running.

### **Pump Station 2**

Fully operational

### **Pump Station 3**

Operational.

### **Pump Station 4**

Operational.

### **Pump Station 1**

Operational.

### **RO Plant**

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

General

Very few damages due to the rainstorms.

Have been backfilling exposed water lines and sewer lines. Berkeley at the WWTP, Horizon Blvd .

Had tripped breakers and soft start all minor issues.

David Munoz OPS Manager



Engineering Solutions

**MEMORANDUM**

**Via E-Mail**

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

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

**DATE:** August 26, 2021

**SUBJECT:** August 26, 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, which is anticipated this week.

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

The pumps have been set in Well Nos. 10 and 11 and electrical installation is complete at well No. 10 and the pump testing began on Wednesday, August 26.

### **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 approved.

### **RO Concentrate Disposal Management**

Mobilization for the test pumping will begin on August 26<sup>th</sup> and the test pumping is scheduled to begin on Tuesday, August 31.

The existing E3 MegaMist system is operational. Delivery of the second E3 system will include sine filters and new motors for the existing 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 completed the bore under Horizon Boulevard and is scheduled to complete paving next week. Pay Estimate No.4 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  
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**Wastewater Treatment Plant Digester Emergency Repair**

Inframark has currently taking the digester offline for the inspection. Coordination with Inframark and TRE has resulted in the recommendation to convert modify the existing digester while maintaining its treatment process in conformance with the existing permit.

Linda Troncoso will be at the August 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 8/20/21)**  
**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>
1277-12051	Polar Services Center	6/24/2021		7/19/2021	5	5	approved
1277-12079	Daddy O's Carwash	7/8/2021		7/26/2021	32	32	approved
1277-11852	Painted Desert at Mission Ridge Unit 4	7/9/2021		7/19/2021	276	276	approved
1277-12099	Horizon City Unit 91 - 6 lots	7/20/2021			0	6	under review

**TRE & ASSOCIATES, LLC (revised 8/20/21)**  
**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 8/5/21 - 3rd set		awaiting revised plans
1277-12036	283 South Darrington	5/25/2021	5/17/2021	6/8/2021		awaiting revised plans
1277-12059	HC Unit 91 Blk 791-792	6/9/2021	4/15/2021 6/29/21 2nd set	6/11/2021- 1st set 7/9/21- 2nd set 8/5/21 - 3rd set		awaiting revised plans
1277-12051	Polar Services Center	7/19/2021	7/19/2021			under review
1277-12079	Daddy O's Carwash	7/26/2021	7/19/2021			under review
1277-11852	Painted Desert at Mission Ridge Unit 4	7/19/2021	7/9/2021	7/29/2021		awaiting revised plans
1277-12036	283 S Darrington	6/9/2021	5/17/2021	6/8/2021		awaiting revised plans

**TRE & ASSOCIATES, LLC (revised 8/20/21)**  
**CONSTRUCTION OBSERVATION**

<b>Job #</b>	<b>Job Title</b>	<b>Plan Approval</b>	<b>Construction Start Date</b>	<b>Comments</b>
1277-11826	Paseo del Este Unit 5	12/6/2019	11/24/2020	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	6/28/2021	under construction
1277-11864	West Eastlake Estates Unit Two	3/5/2020	3/21/2021	under construction

**TRE & ASSOCIATES, LLC (revised 8/20/21)**  
**HR - APPROVED UTILITY SERVICE COMMITMENTS**

Job #	Job Title	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Plan Approval	Comments
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
1277-11864	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 Phase 2	5/20/2020	215	215	9/16/2020	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		awaiting revised plans
1277-12032	280 S. Darrington	5/22/2021	1	1		awaiting revised plans
1277-12051	Polar Services Center	7/19/2021	5	5		
1277-12079	Daddy O's Carwash	7/26/2021	32	32		
1277-11852	Painted Desert at Mission Ridge Unit 4	7/19/2021	276	276		
1277-12059	HC Unit 91 Blk 791-792	6/9/2021	0	11		awaiting revised plans

**TOTAL OUTSTANDING COMMITMENTS**

1017      1050