

**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 January 28, 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 Hulse	-	Treasurer - Absent
Mike, Barton	-	Assistant Vice President
Bonnie Moorhouse	-	Secretary - Absent

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.- Kristi Hester, Michael Luft. Project Manager Charlie McGinnis, Customer Service Rep II Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, John Jansing, Tom Urrabazo, Adrian Briones. El Paso Disposal - Lorena Quezada. Horizon Golf & Conference Center - Luis Delgadillo. HCIA - Roxanne Jurado. Moonlight - Tulia Villa. 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 the Regular Meeting held on December 17, 2020.

- 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 December 31, 2020.
- 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 Spay Field # 1.
- E: Consider and Take Action on Pay Estimate No. 6 for HRMUD Water Supply Wells 10 and 11.
- F: Consider and Take Action on Pay Estimate No. 9 for Summer Sky water, wastewater, and force main improvements.
- G: Consider and Take Action on Pay Estimate No. 11 for Summer Sky Lift Station Improvements.
- H: Consider and Take Action on Pay Estimate No. 1 for Elevated Storage Tank 2 riser pipe replacement.
- I: Consider and Take Action on Pay Estimate No. 1 for Paseo del Este Unit 5 water, wastewater and drainage improvements.

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

After no opposition motion was passed.

**6. ELECTION AGENDA:**

1. May 1, 2021 Directors Election Matters, and take any necessary actions.
2. Adopt Order calling Directors Election scheduled for Saturday, May 1, 2021.

Motion was made by Director Whitaker and seconded by Director Barton to call the Election for Directors on May 1, 2021 and enter into such agreements as are necessary and legal with the County Elections Dept.

After no opposition motion was passed.

3. Consider and Take Action on an Order Calling for a Bond Election.

Motion was made by Director Whitaker and seconded by Director Barton to adopt order for Bond Election on May 1, 2021.

After no opposition motion was passed.

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

Engineer Linda Troncoso with TRE & Associates reported they had engaged the Environmental Consultant & provided route studies & route alternatives along with costs, and they are currently performing the environmental study.

No Action Necessary.

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

Mr. McGinnis discussed the Water System Report for December 2020. Mr. Luft went over financials for district.

**See attached report.**

Motion was made by Director Whitaker and seconded by Director Barton to approve the Management and Operations Report of Activities for the District to include write offs and collections.

After no opposition motion was passed.

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

Ms. Troncoso discussed current commitment applications & construction activity most recently was this month by Starbucks.

Ms. Troncoso presented a summary of the Engineers Report.

**See attached**

Motion was made by Director Whitaker and seconded by Director Barton to approve the Engineering Report.

After no opposition motion was passed.

10. **CONSIDER AND TAKE ACTION ON MANAGEMENT REPORT RELATING TO MANAGEMENT AND OPERATIOAL ACTIVITIES OF SPRAY FIELD NO 1.**

Mr. Delgadillo reported December was a record breaking month and were very busy. Had 3154 rounds compared to 2121 last year. The golf course total income was \$86,000 and were \$29,000 ahead of budget and \$29,000 ahead of last year. As far as the expenses he is trying to match up with bookkeeping to try & receive all invoices for golf course at the golf course instead of Horizon Regional MUD office. Overall for the year Mr. Delgadillo shows they are about \$70,000 ahead of budget. Mr. Delgadillo stated the Golf Course is in bad shape as far as the greens go as expected for the months of December, January, February, greens are Bermuda based greens & are trying to convert to Bent grass & has not been working. Greens are playable & has not affected business. Mr. Delgadillo also reported the month of January was looking good and is looking to be ahead of budget by about \$10,000. No issues to report. Will aerify greens in March to wake up the Bermuda grass.

Director Whitaker made a motion to approve the Management and Operation report for

Sprayfield No.1 and seconded by Director Barton.

After no opposition motion was passed.

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

Mrs. Villa reported sales for month of December was less than last year, and can still only have 50% capacity and are able to stay open until midnight on Fridays and Saturdays. They are back to normal hours. Director Jarvis brought up issue regarding receiving utility bills on a regular basis. Director Barton asked if it was all utility bills that had not been received since September, Ms. Villa stated yes & Mr. Luft stated it was due to not being prioritized by him. October bill was delayed due to El Paso Electric not getting statements out to him & did not want to do incomplete and resolved to get bills out every month.

Director Whitaker made motion to approve the moonlight report and seconded by Director Barton.

After no opposition motion was passed.

**12. CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 3 FINAL FOR PAINTED DESERT AT MISSION RIDGE UNIT 3.**

Ms Troncoso reported this was the final pay estimate for this subdivision. Work has been completed and she has CMD's warranty. This is in an area for a future defined area bond and recommends approval for this pay estimate at this time.

Motion was made by Director Whitaker to approve CMD Endeavors \$41,282.20 and seconded by Director Barton.

After no opposition motion passed.

13. **CONSIDER AND TAKE ACTION ON RECOMMENDATION OF ACCEPTANCE FOR OPERATIONS AND MAINTENANCE FOR PAINTED DESERT AT MISSION RIDGE UNIT 3.**

Motion was made by Director Whitaker and seconded by Director Barton to approve operation and maintenance for Painted Desert at Mission Ridge Unit 3.

After no opposition motion passed.

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

Ms. Troncoso stated no action was necessary but updated she had received the boundary survey and provided it to Mary Gonzalez's office. In addition, the design survey had been completed to begin work on waterline design. Project is moving forward at the expense of Dig Deep group.

No action necessary.

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

Ms. Troncoso stated there were a number of properties they had been looking at and evaluating. Ms. Troncoso stated there was some potential legislation where they did not know where it would go & urged District & HCIA to hold off on and taking any action with regard to the transfer of these facilities. The County of El Paso is proposing a couple

of bills. One from Mary Gonzalez's office for the GLO to do a study to figure out how they can aggregate these properties. The second bill will look to deem properties that are "abandoned" and are listing criteria for which they might be abandoned to put properties back in receivership or some other means to aggregate them. County is trying to come up with a way to aggregate the fractional lots from the property owners. Roxanne Jurado with HCIA has been working with The County of El Paso regarding the bill with Mary Gonzalez and are willing to negotiate/ talk to see what is in the best interest of both The District and HCIA. Director Jarvis requested to keep item on the Agenda as necessary.

No action necessary.

16. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 4 FINAL FOR PAINTED DESERT AT MISSION RIDGE LIFT STATION.**

Ms. Troncoso reported this is the Lift Station for the previously accepted subdivision and is the final pay estimate for the amount of \$111,487.50. All improvements are complete and have their warranty and recommends approval.

Motion was made by Director Whitaker to approve pay estimate No. 4 final for Painted Desert at Mission Ridge Lift Station and seconded by Director Barton.

After no opposition Motion passed.

17. **CONSIDER AN TAKE ACTION ON RECOMMENDATION OF ACCEPTANCE FOR OPERATIONS AND MAINTENANCE OF PAINTED DESERT AT MISSION RIDGE LIFT STATION.**

Motion was made by Director Whitaker and seconded by Director Barton to accept the recommendation for operations and maintenance of Painted Desert at Mission Ridge Lift Station.

After no opposition motion passed.

18. **CONSIDER AND TAKE ACTION ON ACCEPTANCE OF OPERATION AND MAINTENANCE OF UNIT 49, 12 LOTS.**

Ms. Troncoso asked to table item.

Director Jarvis motioned to table item and seconded by Director Whitaker.

After no opposition item was tabled.

19. **CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 1 FOR RANCHO DESIERTO BELLO UNIT 13 PHASE I WATER AND WASTEWATER IMPROVEMENTS.**

Ms. Troncoso reported this was a deductive change order in the amount of \$1,805.00. She stated they ended up not having to install 95 linear feet, therefore cost went down.

Director Whitaker made motion to approve change order No. 1 for Rancho Desierto Bello Unit 13 Phase I water and wastewater improvements. This was seconded by Director Barton.

After no opposition motion passed.

20. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE NO. 4 FOR RANCHO DESIERTO BELLO UNIT 13 PHASE I WATER AND WASTEWATER IMPROVEMENTS.**



Ms. Troncoso stated this was a progress payment for a defined area bond project and recommends approval at this time. Director Whitaker questioned if it was 100%. Director Jarvis clarified it was not 100% but needed to be done because it would include change order previously approved.

Director Whitaker made a motion to approve pay estimate No. 4 for Rancho Desierto Bello Unit 13 Phase I water and wastewater improvements and was seconded by Director Barton.

After no opposition motion passed.

21. **CONSIDER AND TAKE ACTION ON RECOMMENDATION OF AWARD FOR RANCHO DESIERTO BELLO UNIT 13 PHASE II WATER AND WASTEWATER IMPROVEMENTS.**

Ms. Troncoso reported this is the second phase of this subdivision. Three bids were received and the lowest of the three was CMD Endeavors in the amount of \$319,731.00 and recommend award to CMD Endeavors.

Director Whitaker made a motion to approve recommendation of award for Rancho Desierto Bello Unit 13 Phase II water and wastewater improvements in the amount of \$319,731.00 and was seconded by Director Barton.

After no opposition motion passed.

22. **CONSIDER AND TAKE ACTION ON CHANGE ORDER FOR ASBESTOS CONCRETE FORCE MAIN REMOVAL FOR EMERGENCY DUANESBURG AND BIGLON FORCE MAIN REPLACEMENT.**

Ms. Troncoso stated they had previously presented a change order to add the asbestos concrete removal in the amount of \$325,000 not included in package because they needed to

figure where money was coming from. After identifying location of funds will be coming from surplus funds, they can either approved or table item. Director Jarvis asked Mr. Luft if this money would be included in the numbers he would be providing the Directors for the workshop Mr. Luft stated they would be. Director Whitaker asked Mr. Petrov is they would be able to approve, and Mr. Petrov advised they could approve this, being the contract but cannot pay out of surplus funds until surplus funds application is approved.

Director Whitaker made a motion to approve, contingent on TCEQ approval, for the surplus funds approval for the asbestos concrete force main removal for emergency Duanesburg and Biglon force main replacement and was seconded by Director Barton.

After no opposition motion passed.

**23. DISCUSSION ON GENERATOR FOR EMERGENCY USE.**

Mr. McGinnis requested this item be tabled, did not have full information from vendors at time of meeting. Director Whitaker commented this was a good idea. Director Jarvis added there was money ear tagged in the bond money in the past for generators and have a good accounting of where money is and Mr. McGinnis feels he will have firm numbers for bond workshop.

Director Whitaker motioned to table item of discussion on generator for emergency use for future date and was seconded by Director Barton.

**24. CONSIDER AND TAKE ACTION ON 30-YEAR WATER COMMITMENT FOR PASEO DEL ESTE UNIT 5 SUBDIVISION.**

Ms. Troncoso states from time to time they will be getting development in the county where it is in the ETJ of the city as part of the colonial regulations, there's a requirement to have a 30 year water and sewer commitment so that no new colonias are built. This is a standard agreement that is filed with each subdivision.

Director Whitaker made a motion to approve the 30 year water commitment for Paseo del Este Unit 5 Subdivision and was seconded by Director Barton.

After no opposition motion passed.

**25. CONSIDER AND TAKE ACTION ON 30-YEAR WASTEWATER COMMITMENT FOR PASEO DEL ESTE UNIT 5 SUBDIVISION.**

Director Whitaker made a motion to approve the 30 year wastewater commitment for Paseo del Este Unit 5 Subdivision after being discussed with item #24. Director Barton seconded.

After no opposition motion passed.

**26. CONSIDER AND TAKE ACTION ON PAY ESTIMATE NO. 2 FINAL FOR EST 2 RISER PIPE REPLACEMENT.**

Ms. Troncoso reported this was the final pay application for RM Wright Construction in the amount of \$26,910.62 stated work has been completed and Tank is back in service.

Director Whitaker made a motion to approve pay estimate no. 2 final for riser pump replacement and recommendation for acceptance for riser pipe replacement (Item #27). Director Barton seconded.

After no opposition motion passed.

**27. CONSIDER AND TAKE ACTION ON RECOMMENDATION FOR ACCEPTANCE OF EST 2 RISER PIPE REPLACEMENT.**

**SEE MOTION FOR APPROVAL (Item #26)**

**28. CONSIDER AND TAKE ACTION ON SPARE PUMP AND PIPING FOR I-10 WELLS.**

Mr. McGinnis reported there was a spare pump that they had and was used on one of the Wells and was requesting to get another one to have as a spare just in case of emergency. Mr. McGinnis reached out for pricing and only WHB and West Texas Waterwell Service provided prices. Mr. McGinnis recommended to go with WHB who had the better price and beat out West Texas Waterwell Service by about \$33.00. Director Jarvis asked Mr. McGinnis if pump was decent enough for the \$33.00 difference, Mr. McGinnis stated they were. Director Whitaker asked of the District needed a spare pump right now? Mr. McGinnis stated right now would be when they would need to get it since right now they have the funding and if they wait until the summer it would be difficult to get the pipe and the pump.

Director Whitaker made a motion to approve the purchase of a spare pump and piping for I-10 Wells to WHB for the amount of \$39,040.00 and was seconded by Director Barton.

After no opposition motion was passed.

**29. CONSIDER AND TAKE ACTION ON I-10 WELL REPLACEMENT OF PUMP AND PIPING.**

Mr. McGinnis asked to table this item because Well 7 was the well where the screen blew out and Ms. Troncoso and Mr. John Jansing are working with Mr. Thornhill and another waterwell company to get pricing to fix screen. Before installing a pump he wants to make sure the pump is capable to pump the amount of water needed.

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

After no opposition motion was tabled.

30. **CONSIDER AND TAKE ACTION ON RATIFICATION OF PAYMENT FOR GEO LOGIC ENVIRONMENTAL SERVICES, LLC.**

Ms. Troncoso reported these were the final bills from Geo Logic Environmental Services LLC. for testing and water sampling associated with the injection well. They were previously approved by Engineering Committee and is a ratification of that.

Director Whitaker made a motion to approve the ratification of payment for Geo Logic Environmental Services LLC and was seconded by Director Barton.

After no opposition payment was ratified.

31. **CONSIDER AND TAKE ACTION FOR PROPOSAL AND ADDITIONAL DRILLER SERVICES FOR PILOT HOLE COMPLETION AND TESTING.**

Director Jarvis stated he was happy to discuss but not ready to take action, Director Whitaker agreed. Mr. John Jansing the proceeded to present information for discussion purposes. One item he presented was a summary table of the available construction funds on he designated projects for which they'd sold bonds. Director Jarvis stated he may have misspoken when he said he was not ready to move forward since this had already been discussed and had to decide which direction they needed to go that would be the fastest to service their needs for the issue they are having with the evap ponds. He said they needed to come up with a consensus in which direction they want to go since they have already spent a bunch of money to get the well at the point it is at and without moving forward they can't begin pumping water into the ground. Director Whitaker commented they did need to finish it. Director Jarvis then asked Director Barton his thoughts and Director Barton commented they had already spent \$1,946,000 and only needed to spend another \$248,000 leaving about \$747,000 to complete and move forward. Director Whitaker asked how soon they would be moving on completing this? Mr. Jansing stated the driller company was about 2-3 weeks out from mobilizing and they had to order come casing but would be out before that to set up on site to

start the operation. Director Jarvis was concerned about the time they had for finding fiberglass casing or non and something that would not corrode and spend more money down the road.

Director Whitaker made a motion to approve the proposal of the additional driller services for pilot hole completion and testing in the amount of \$248,249.45 and was seconded by Director Barton.

After no opposition motion passed.

Director Jarvis then proceeded to ask Mr. Petrov if something were to happen that a change order needed to be approved could they get some authorization for a committee to approve? Could it be done without an item on the agenda? Mr. Petrov stated this agenda item was broad enough to where they could, that would be related to the drilling. Director Jarvis asked Directors Barton and Whitaker if it was ok if he and Director Whitaker both were able to approve the change if necessary if they came to a more preferable filter.

Director Barton made a motion that Directors Jarvis and Whitaker could approve any funds that may be needed to make a change and was seconded by Director Whitaker.

After no opposition motion passed.

32. **CONSIDER AND TAKE ACTION TO ACCEPT THE RESIGNATION OF BONNIE MOORHOUSE; AND DISCUSSION REGARDING APPOINTMENT OF A NEW DIRECTOR.**

Mr. Petrov stated after the Directors all received Mrs. Moorhouse's resignation letter the next step would be for the Board to officially take action to accept the letter. Then there could be a discussion on how to move forward on a replacement. Director Barton wanted to know if there was a timetable to replace a Board Member? Mr. Petrov replied yes and no, stating that the water code provides that if the Board does not take action within 90 days a landowner in the district could petition the TCEQ to take action. Director Jarvis asked if they should advertise that there is an opening and are accepting applications? Mr. Petrov replied that it

was up to the Directors and there was not a statutorily mandated way to go about filling the position and the Board has the discretion to vote on somebody to fill the position. Director Jarvis stated they needed to fill the position as quickly as possible and needed to protect the Board with as much experience as possible. Director Barton commented they should all think and discuss and come up with a few options.

Director Whitaker made a motion to accept the resignation of Bonnie Moorhouse and was seconded by Director Barton.

After no opposition motion was passed.

33. **EXECUTIVE SESSION, AS NECESSARY.**

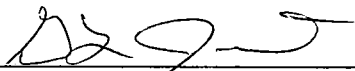
No need for Executive session at this time.

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

Mr. Whitaker asked if interviews were being held to fill open position. Mr. McGinnis stated the position was posted on INDEED and on the web page. Director Barton had a question on a lawsuit on a lawsuit that was mention regarding a water main break. Director Jarvis stated they had received an email indicating all court positions are being moved back to June, the earliest.

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 8:25 P.M.

**READ, APPROVED, AND ADOPTED THIS 25TH DAY OF MARCH 2021.**



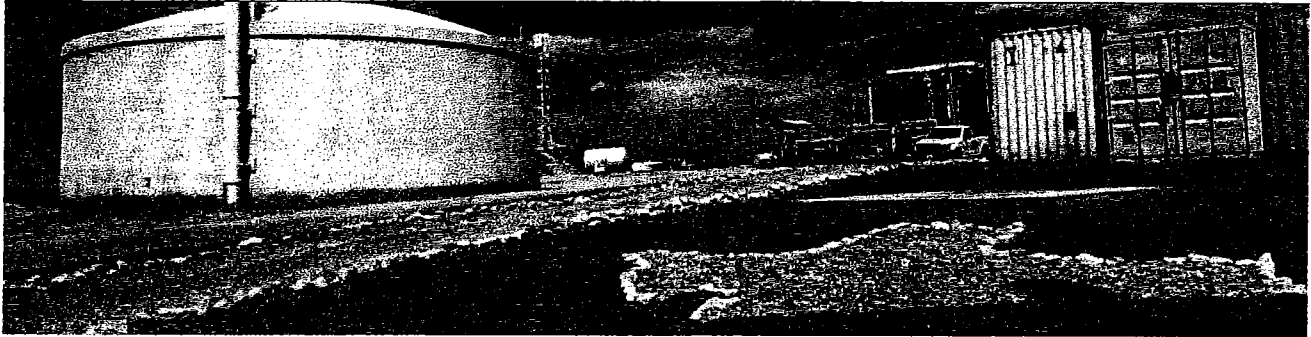
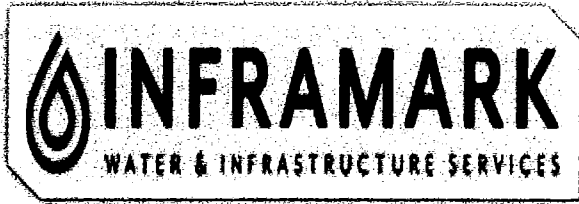
**GORDON JARVIS, PRESIDENT**  
**Board of Directors**  
**Horizon Regional M.U.D.**



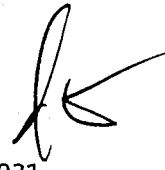
**MIKE BARTON, ASSISTANT SECRETARY**  
**Board of Directors**  
**Horizon Regional M.U.D.**

**CM/VS**





Horizon Regional MUD  
General Manager Reports for the month of  
December 2020  
Board Meeting Date:  
28-Jan-20

Reviewed By:   
Date: 01-28-2021



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:**

**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) Need to get service done to UV System.
- b)
- c)

**2) Distribution System – Billing**

- a) Replaced 100 residential meters  
Repaired 20 leaks

**3) Collection System**

- a)
- b)

**4) Ponds**

- a) Atomizers are partially running.
- b)
- c)

**5) Construction**

- a) Elevated Storage Tank 2 is on Agenda for approval

**6) Customer Care**

- a) Assisted 7 Customers
- b)
- c)

**7)**

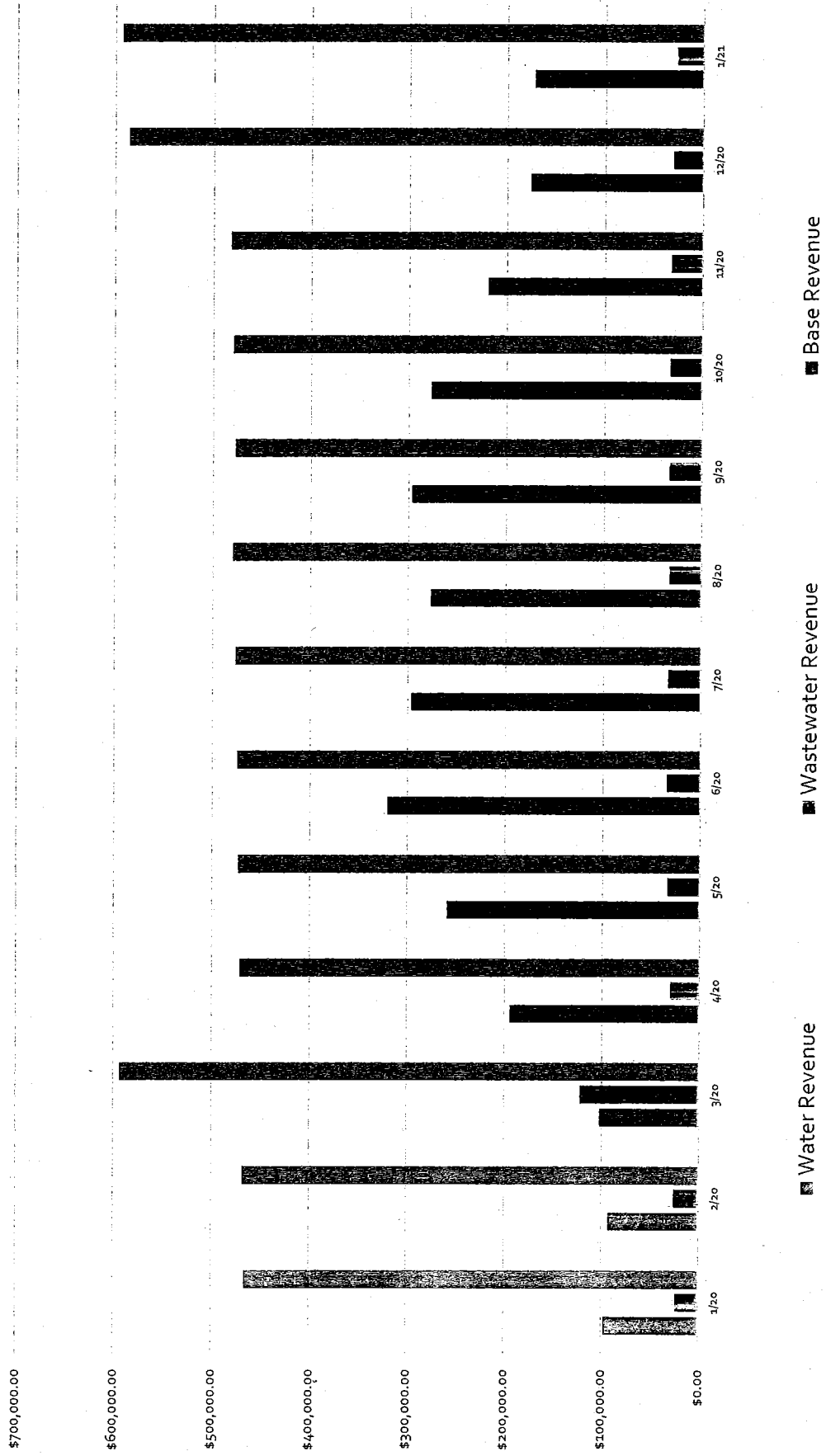
- a)
- b)
- c)



## Billing Summary

Description	Connections	
	Jan-20	Jan-21
Residential	11,097	11,367
Commercial	245	244
Irrigation	57	53
School	15	20
Municipal	15	16
Church	11	13
Bulk Meter	25	21
<b>Total Number of Accounts Billed</b>	<b>11,465</b>	<b>11,734</b>
	<b>Consumption</b>	
Residential	56,195,000	69,423,700
Commercial	3,639,000	4,284,700
Irrigation	746,100	1,968,400
School	698,800	389,800
Municipal	1,346,600	1,256,900
Church	111,900	129,700
Bulk Meter	2,957,900	812,000
<b>Total Gallons Consumed</b>	<b>65,695,300</b>	<b>78,265,200</b>
	<b>Average Consumption</b>	
Residential	5,064	6,107
Commercial	14,853	17,560
Irrigation	13,089	37,140
School	46,587	19,490
Municipal	89,773	78,556
Church	10,173	9,976.92
Bulk Meter	118,316	38,667
<b>Avg Water Use for Accounts Billed</b>	<b>5,730</b>	<b>6,670</b>
Total Billed	\$ 589,339	\$ 794,393
Total Aged Receivables	\$ 732,924	\$ 992,469
Total Receivables	\$ 1,322,263	\$ 1,786,862

# 12 Billing Month History Revenue by Category

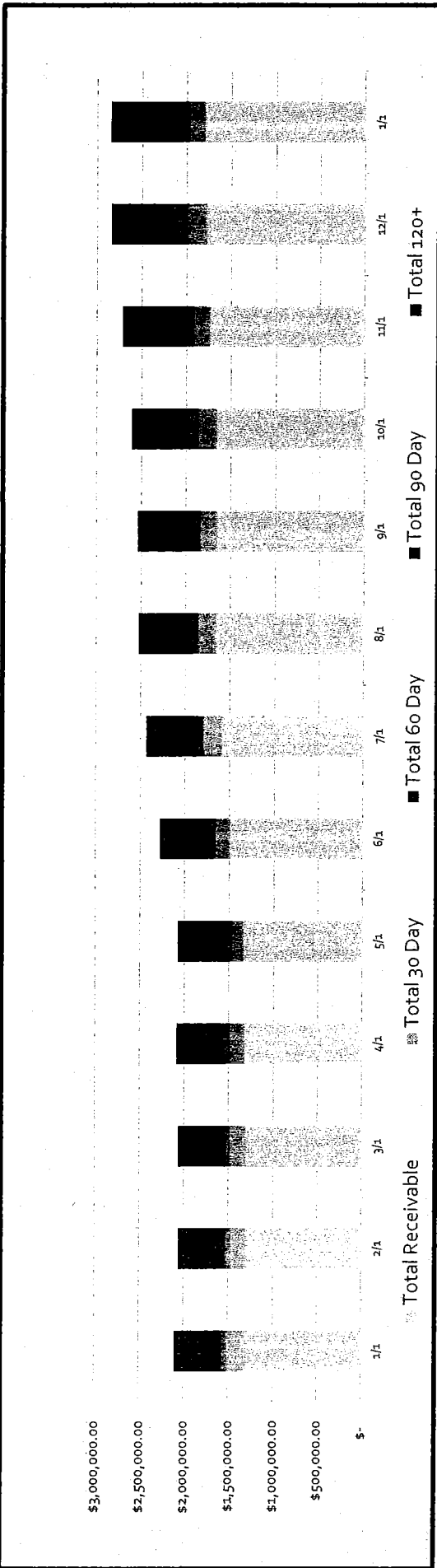


■ Base Revenue

■ 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+
Jan-20	\$ 1,322,263.65	\$ 182,167.43	\$ 59,518.08	\$ 16,280.08	\$ 521,863.80
Feb-20	\$ 1,300,961.35	\$ 162,374.95	\$ 57,104.24	\$ 15,831.15	\$ 522,390.39
Mar-20	\$ 1,301,978.61	\$ 171,692.02	\$ 46,285.46	\$ 14,743.19	\$ 527,201.98
Apr-20	\$ 1,320,247.18	\$ 157,918.43	\$ 62,536.62	\$ 16,132.97	\$ 527,767.78
May-20	\$ 1,337,236.75	\$ 115,769.18	\$ 57,143.25	\$ 29,287.25	\$ 535,095.96
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	\$ 96,625.44	\$ 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	\$ 109,237.68	\$ 71,753.10	\$ 681,133.00
Jan-21	\$ 1,786,882.11	\$ 172,835.92	\$ 101,402.21	\$ 60,325.89	\$ 726,213.52
Board Consideration to Write Off	\$28.44				
Board Consideration Collections	\$492.89				
Delinquent Letter Mailed	1871				
Delinquent Tags Hung	N/A				
Disconnects for Non Payment	N/A				

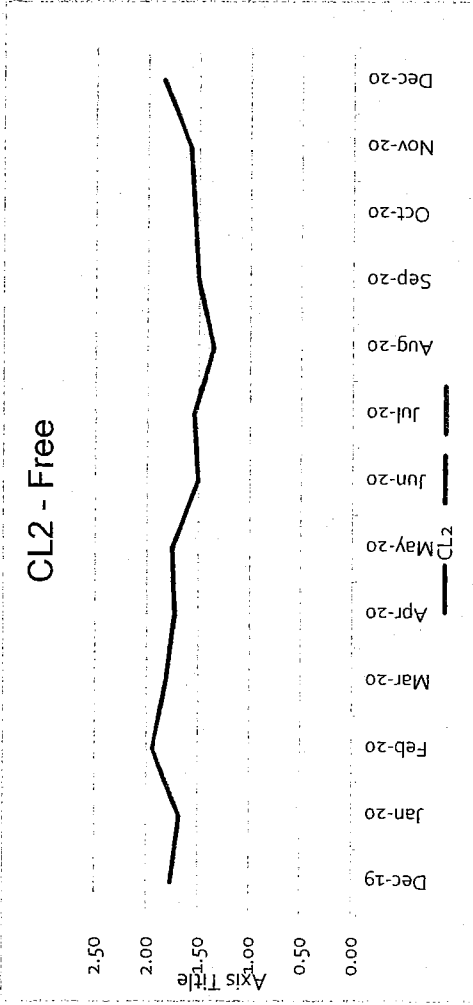


# Water Production and Quality

## Water Quality Monitoring

Current Annual CL2 Avg

Requirements	Date	CL2	Min .02
	Dec-19	1.76	
	Jan-20	1.68	
	Feb-20	1.94	
	Mar-20	1.81	
	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	



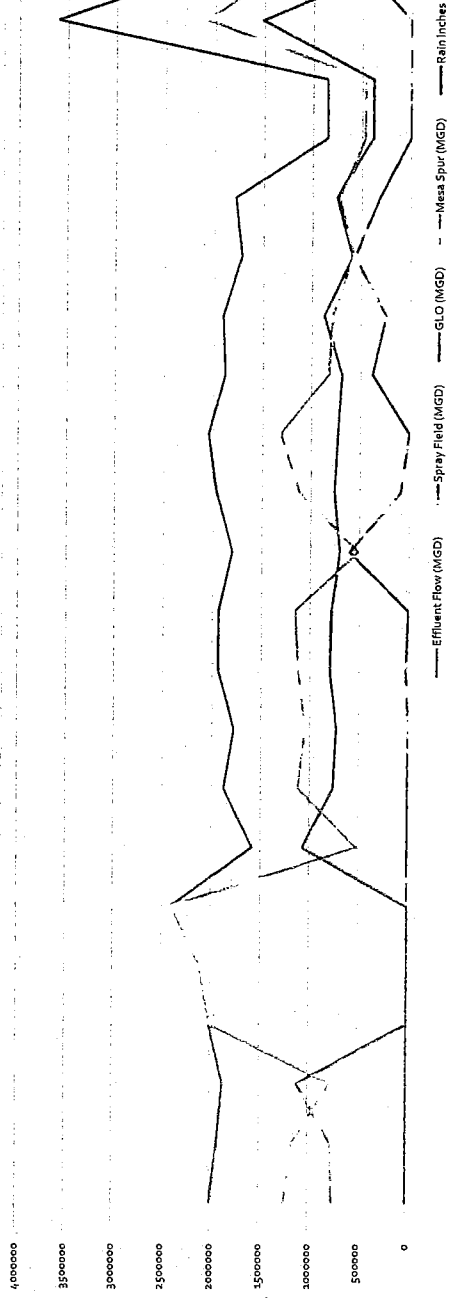
Month	Meeting Date	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gals Loss (-)	Water loss %
December 19	1/23/2020	11355	151,596	78,758	40,155	52,596	29.2%
January 20	2/27/2020	11486	152,195	63,328	38,100	9,990	32.8%
February 20	3/26/2020	11261	137,719	63,797	40,000	19,915	26.4%
March 20	4/23/2020	11446	168,132	67,664	39,804	16,084	7.1%
April 20	5/28/2020	11440	189,459	63,640	34,800	13,137	13.1%
May 20	6/25/2020	11459	222,173	66,681	44,800	25,103	10.6%
June 20	7/23/2020	11505	221,876	94,589	45,500	23,487	9.5%
July 20	8/27/2020	11473	224,872	118,203	47,100	32,732	14.9%
August 20	9/24/2020	11568	222,230	123,920	45,000	29,486	12.4%
September 20	10/22/2020	11644	192,769	120,141	55,210	25,130	14.7%
October 20	11/19/2020	11635	188,270	124,854	50,010	23,943	13.3%
November 20	12/17/2020	11723	173,568	94,483	35,000	18,393	10.6%
December 21	1/28/2020	11724	168,294	78,265	50,010	24,174	14.4%





# Wastewater Production and Quality

## Wastewater Flows for the Month of November



### Wastewater Treatment Permit Summary - Month of November

	DISCHARGE	Eff.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	1.901	Yes	63.4%
Avg. Sprayfield Flow	MGD	3	0.339	Yes	8.0%
Avg. GLO Flow	MGD	3	0.535	Yes	17.8%
Avg. Mesa Spur Flow	MGD	3	1.126	Yes	37.5%
Avg. Other Flow			0.001	N/A	
Avg. cBOD	mg/L	10	2.6	Yes	
Avg. TSS	mg/L	15	8.1	Yes	
Avg. Ammonia Nitrogen NH3	mg/L	3	0.61	Yes	
Avg DO	mg/L	7.67	0.00	Yes	
E. coli Bacteria	CFU	1.61	0.0	Yes	
MIN. PH	STD UNITS	6.0	6.90	Yes	
MAX. PH	STD UNITS	9.0	7.11	Yes	

only applies if discharge

**MONTHLY LEAK REPORTS**

**Dec-20**

<b>ADDRESS</b>	<b>LOCATE DATE</b>	<b>REPAIRED</b>	<b>BACKHOE</b>	<b>PUMP</b>	<b>STREET</b>
1405 Hereford	12/1/2020	YES	YES	YES	YES
425 Sand Verena	12/1/2020	YES	YES	YES	YES
769 Maravilla	12/2/2020	YES	YES	YES	YES
14508 Achim	12/7/2020	YES	YES	YES	YES
164 Sahauro	12/7/2020	YES	YES	YES	YES
645 Orchid	12/8/2020	YES	YES	YES	YES
213 Duansburg	12/8/2020	YES	YES	YES	YES
1451 Coronel	12/14/2020	YES	YES	YES	YES
15000 Ashford	12/14/2020	YES	YES	YES	YES
13740 Paseo Milagro	12/14/2020	YES	YES	YES	YES
640 Paseo Mission	12/17/2020	YES	YES	YES	YES
255 Elsworth	12/22/2020	YES	YES	YES	YES
13004 Emerald Springs	12/22/2020	YES	YES	YES	YES
14852 Holdin	12/22/2020	YES	YES	YES	YES
116 Lago Seco	12/26/2020	YES	YES	YES	YES
14484 Las Palomas	12/26/2020	YES	YES	YES	YES
754 Plazer	12/27/2020	YES	YES	NO	MTR
501 Cascada	12/28/2020	YES	YES	NO	MTR
633 Oro	12/30/2020	YES	YES	NO	MTR
13784 Paseo de Vida	12/30/2020	YES	YES	YES	MTR

Street leaks	17
Meter leaks	3
<b>Total</b>	<b>20</b>



**Date: January 21, 2021**

**Re: Operations Report for December 2021**

Well 7 – Bottom end of the well casing has come apart causing (SAND PUMPING)

Video has been sent to TRE for review.

Pump Station 3  
Operational

R.O. Feed Station Operational

Pump Station 4  
Operational.

GLO

Backfill completed by farmer Mark.

RO Plant

All RO Trains are up and running. Concentrators are up and running at max 50%

RO Ponds

Ponds are full, windy season is here, will have issue with white cap going over berms.  
Having issues with units (Tripping Breaker) Automizers off. (4)

General- Prepping Lift Stations, Wells, RO'S & Wastewater Plant for the summer.

David Munoz Maintenance Manager  
Inframark

**Date: January 21, 2021**

**Re: Operations Report for December 2021**

### **Lift Stations**

Barrel Cactus Lift Station	Fully operational.
Benton Lift Station	Fully operational
Biglon Lift Station	Fully operational
Duanesburg Lift Station	Fully operational.
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

### **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. Work completed, waiting on Bac-T result.
<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 out 24 loads of sludge
- Installed Vacuum Breaker at the high point to prevent siphonage to lift station when pump is off.

EL PASO CONSOLIDATED TAX OFFICE  
 PROPERTY TAX COLLECTION ANALYSIS  
 9/1/2020 through 12/31/2020

JURISDICTION: 14 HORIZON REGIONAL MUD

PERIOD	CURRENT TAX YEAR (\$)		PRIOR YEARS (\$)		ALL YEARS (\$)		COLLECTION FEE (\$)	
	COLLECTED	CUMULATIVE	COLLECTED	CUMULATIVE	COLLECTED	CUMULATIVE	COLLECTED	CUMULATIVE
Sep 2020	-	-	29,018.46	29,018.46	29,018.46	29,018.46	4,449.04	4,449.04
Oct 2020	79,468.80	79,468.80	14,903.62	43,922.08	94,372.42	123,390.88	3,814.57	8,263.61
Nov 2020	694,744.89	774,213.69	18,212.06	62,134.14	712,956.95	836,347.83	2,868.34	11,131.95
Dec 2020	4,691,179.20	5,465,392.89	28,580.28	90,714.42	4,719,759.48	5,556,107.31	4,137.17	15,269.12
Jan 2021								
Feb 2021								
Mar 2021								
Apr 2021								
May 2021								
Jun 2021								
Jul 2021								
Aug 2021								

LEVY	CURRENT	PRIOR	ALL YEARS	REVENUE	CURRENT	PRIOR	ALL YEARS
Levy-Cert 7/24/2020	-	N/A	N/A	Total Levy Collected	5,466,603.24	64,422.98	5,531,026.22
Levy-Billed 10/1/2020	8,717,578.70	1,026,829.72	9,744,408.42	Total Penalty & Interest	(1,210.35)	26,291.44	25,081.09
Adjusted Levy YTD	8,714,147.96	994,714.29	9,708,862.25	Total Levy + P&I	5,465,392.89	90,714.42	5,556,107.31
Increase/Decrease	(3,430.74)	(32,115.43)	(35,546.17)	Taxes as percent of levy	62.73%	0.74%	63.47%
Levy Outstanding	3,247,544.72	930,291.31	4,177,836.03	P&I as percent of levy	-0.01%	0.30%	0.29%
				Total as percent of levy	62.72%	1.04%	63.76%
				Collection Fee	16.42	15,252.70	15,269.12
				Total Collected YTD	5,465,409.31	105,967.12	5,571,376.43

Customer Name	Address	Amount	Final Date
Hernandez, Rocio I	14484 Antwerp Dr	\$330.69	11/17/2020
Garcia, Yaahrin	807 Mabel Pl	\$53.66	11/5/2020
Solano, Kimberly	14356 Antwerp Dr	\$108.54	12/8/2020
<b>Total:</b>		<b>\$492.89</b>	
<b>Write Offs</b>			
Torres, Ernesto	13985 Lago Seco	\$6.18	
Hernandez-Cruz, Desirae	308 Bain	\$14.88	
Debayona, Christy	1718 Opossum Cir	\$6.88	
Delgado, Angel Noe	608 Oro Pl	\$0.50	
<b>Total write offs:</b>		<b>\$28.44</b>	

Jan-21



Engineering Solutions

**MEMORANDUM**

**Via E-Mail**

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

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

**DATE:** January 27, 2021

**SUBJECT:** January 28, 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.

**Horizon City Drainage Project at Spray Field No. 1**

The revised interlocal agreement has been approved and reimbursement of irrigation improvements has been received from the Town.



### **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 internal review for the 1.5 MG tank on Breaux. Plans and specifications have been submitted to the TCEQ and to the Town of Horizon for permitting review and approval.

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

Both wells have been drilled and flushed. The pumps have been delivered and TRE is coordinating with EPEC for installation of power to the well sites. Pay Estimate No. 6 is on the agenda for approval.

### **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 RO Permit has been submitted to the TCEQ for the current plant renewal. TCEQ has deemed the permit application administratively complete and has begun the technical review. The permit may be amended pending the findings of the injection pilot hole.

### **RO Concentrate Disposal Management**

TRE is currently working with Thornhill Group to analyze the hydrology and water quality for concentrate disposal based upon the samples taken and data gathered. The third milestone payment to the driller was paid on December 14, 2020 and will be ratified at this board meeting.

### **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.

### **EST-2 Riser Pipe Rehab**

Rehabilitation of the riser pipe is complete and EST-2 has been placed back in service. Pay Application Nos. 1 and 2 and the recommendation for acceptance are on the agenda for this BOD meeting.

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

The emergency replacement of the Duanesburg and Biglon force mains were awarded at the August Meeting. The change in scope for the emergency use of funds has been approved by TCEQ. An alternate route has been identified with the contractor to reduce the installation in TxDOT ROW and TRE is coordinating with TxDOT and the Town for permit approval. Review of the change order and additional funding approval for asbestos concrete removal is on the agenda at this meeting.

TRE & Associates, LLC

HRMUD Engineering Report  
January 27, 2021  
Page 3 of 3

Linda Troncoso will be at the January 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 1/20/21)**  
**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>
1277-11992	Starbucks 13895 - Horizon Blvd	1/19/2021			2	2	under review

**TRE & ASSOCIATES, LLC (revised 1/20/21)**  
**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
1277-11864	West Eastlake Estates Unit Two	2/24/2020	8/21/20 - 1st set 11/25/20 - 2nd set	9/3/2020 - 1st set 12/3/20 - 2nd set		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
1277-11863	Rancho Desierto Bello - Unit 13 Phase 1	3/16/2020	3/16/2020		5/1/2020	approved
1277-11896	Rancho Desierto Bello Unit 13 Phase II	4/14/2020	4/22/2020		4/22/2020	approved
1277-11903	Summer Sky Unit 2	4/30/2020	9/15/2020		9/16/2020	approved
1277-11973	Starbucks 13895 - Horizon Blvd	12/3/2020	11/9/2020 1st set 12/9/20 - 2nd set 12/23/20 - 3rd set	12/7/2020 1st set 12/22/20- 2nd set 1/5/21 - 3rd set		awaiting revised plans

**TRE & ASSOCIATES, LLC (revised 1/20/21)**  
**CONSTRUCTION OBSERVATION**

Job #	Job Title	Plan Approval	Construction Start Date	Comments
1277-11741	Summer Sky Unit 1	5/9/2019	7/3/2019	under construction
1277-11752	Horizon Town Center Unit 3	6/11/2019	7/24/2019	awaiting acceptance
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
1277-11863	Rancho Desierto Bello - Unit 13 Phase 1	5/1/2020	9/1/2020	under construction
1277-11896	Rancho Desierto Bello Unit 13 Phase II	4/22/2020		Awaiting Construction Start
1277-11903	Summer Sky Unit 2	9/16/2020		Awaiting Construction Start
1277-11918	Speedway - 13891 Horizon Blvd	9/28/2020		Awaiting Construction Start
1277-11936	Horizon City Unit 49 - 12 lots	9/2/2020	9/19/2020	awaiting acceptance

**TRE & ASSOCIATES, LLC (revised 1/20/21)**  
**HR - APPROVED UTILITY SERVICE COMMITMENTS**

Job #	Job Title	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Plan Approval	Comments
1277-11741	Summer Sky Unit 1	4/23/2019	374	374	5/9/2019	under construction
1277-11727	Horizon City Unit 64- 5 lots	5/2/2019	5	5		awaiting plan submittal
1277-11752	Horizon Town Center Unit 3	5/15/2019	0	0	6/11/2019	under construction
1277-11826	Paseo del Este Unit 5	12/4/2019	215	215	12/6/2019	under construction
1277-11793	IDEA School	11/8/2019	78	78	1/14/2020	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 Construction Start
1277-11864	West Eastlake Estates Unit Two	2/24/2020	118	118		awaiting plan submittal
1277-11896	Rancho Desierto Bello Unit 13 Phase II	5/20/2020	82	82	4/22/2020	approved
1277-11903	Summer Sky Unit 2	5/20/2020	215	215	9/16/2020	under review
1277-11918	Speedway - 13891 Horizon Blvd	7/15/2020	10	10	9/28/2020	Awaiting Construction Start
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		under review

**TOTAL OUTSTANDING COMMITMENTS**

1264

1286