

**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 October 27, 2022, at 6:00 p.m. in person 14100 Horizon Blvd, Horizon City, Texas, pursuant to notice given in accordance with the law.

The roll was called of the members of the board, to-wit:

Gordon, Jarvis	-	President
Dean Hulsey (<i>absent</i>)	-	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 consultant: Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, Tom Urrabazzo, Frank Ortiz, Ricardo Felix. El Paso Disposal - Lorena Quezada. Horizon Golf & Conference Center - Luis Delgadillo. Town of Horizon - Teresa Quezada. The Pledge of Allegiance was said with audience participation.

4. RECEIVE CITIZEN COMMUNICATIONS.

No citizen Communications.

No Action Necessary.

5. CONSENT AGENDA.

- A: Consider and Take Action to approve the Payment of Bills and Invoices for Operations and Construction; and to approve the Transfer of Funds.
- B: Consider and Take Action to approve the Financial Statement for the month ending September 30, 2022.
- C: 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.
- D: Consider and Take Action to approve the minutes for July 21, 2022, August 25, 2022, and September 22, 2022 Regular Board Meetings and Special Meeting for September 13, 2022.
- E: Consider and Take Action on Pay Estimate No. 10 for Elevated Storage Tank #5.
- F: Consider and Take Action on Pay Estimate No. 3 for Rancho Desierto Bello Unit 15 Phase II Water and Wastewater Improvements.
- G: Consider and Take Action on Pay Estimate No. 5 for Paseo Del Este Unit 8 Phase I Water and Wastewater Improvements.
- H: Consider and Take Action on Pay Estimate No. 4 for Painted Desert at Mission Ridge Unit 4 Water and Wastewater Improvements.
- I: Consider and Take Action on Pay Estimate No. 5 for Sludge Digester Rehabilitation.

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

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

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

Discussion item only. Ms. Troncoso stated she emailed Representative Gonzalez's office, Commissioner Holguin's office and Ms. Katheryn Lucero to update them on the status of the project. Ms. Troncoso received some comments from the environmental review on September 1st and they responded and addressed the comments and concerns on September 12th. Ms. Troncoso was told it would be about six weeks until the approval and should expect approval. Once this happens, they will be able to begin the design phase, then do the actual design and go through the approval process with the Texas Water Development Board (TWDB) and Texas Commission on Environmental Quality (TCEQ) with plans and specifications to be able to put out for bid. Director Barton asked if the District would be receiving the money before the start of the survey design or would the District need to put money upfront? Ms. Troncoso explained that the TWDB will be paying for half and the District would pay for half of the surveying design and specifications to get ready for construction.

No Action Necessary.

7. **PRESENTATION OF CAPITAL IMPROVEMENT PROJECTS PLAN.**

Ms. Teresa Quezada presented and discussed the annual capital projects plan power point to the Board.

No Action Necessary, Discussion item only.

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

Mr. McGinnis presented the Management and Operations report and set new calendar. Mr. McGinnis updated the Board we have not installed meters or replaced pending supplier and meter shortage.

See attached report.

Director Thomas made a motion to approve the Management Report and was seconded by Director Barton.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

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

Ms. Troncoso discussed and presented the current service commitment applications and construction activity, then presented a summary of the Engineer's Report.

See attached report.

Director Barton made a motion to approve the Engineering Report relating to construction and engineering activities and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

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

Mr. Luis Delgadillo discussed the financial report and stated even with having been closed a week in the month of September for overseeding, they had a budget of about \$47,000.00 worth of revenue and ended up with about \$65,000.00 beating budget by

about \$17,000.00. Mr. Delgadillo reported they had spent the same amount on seed this year as last year which was \$93,000.00 and was the only thing that made a difference on the expense side. For the year Mr. Delgadillo reported to have been about \$170,000.00 ahead of budget and the golf course made about \$197,000.00.

No Action.

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

No one from Moonlight P&Q present. Director Barton stated that everything seemed to be going ok and he had spoken to Ms. Bonnie Najera and she said she was very happy and still trying to line a few things out.

No Action Necessary.

12. **CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 1 FOR RO MEMBRANE REPLACEMENT PROJECT.**

Ms. Troncoso reported this change order is for taking the extra membranes out of RO Train (D) and proposing to put them in Concentrator Train (B) in the amount of \$10,000.00 which was the contract price to put them in Train (A).

Director Thomas made a motion to approve Change Order No. 1 for RO Membrane replacement project in the amount of \$10,000.00 and was seconded by Director Barton.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

13. **CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 3 FOR SLUDGE DIGESTER REPAIRS.**

Ms. Troncoso explained when the exterior ring of the digester was sandblasted, and they reached the bottom they found a bunch of pitted holes you could not tell were rusted out except if they were between the rust and sludge they weren't leaking. What is being proposed is after looking at different options for a long-term solution, since there are too many holes, is to use concrete to install a curb with a water stop on either side that would come up the sides to cover all the holes all the way around the tank and would be a methane resistant concrete.

Director Barton made a motion to approve Change Order No. 3 in the amount of \$87,165.00 for sludge digester repairs and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

14. **CONSIDER AND TAKE ACTION ON REPLACEMENT FOR A/C UNIT FOR RO BOOSTER STATION.**

Mr. McGinnis reported Longhorn Maintenance had an a/c unit available that was needed for the RO Booster Station and requested a price.

Director Barton made a motion to approve the purchase an a/c unit for RO Booster Station and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

15. **CONSIDER AND TAKE ACTION ON RECOMMENDATION OF ACCEPTANCE FOR WALMART WATERLINE RELOCATION FOR OPERATIONS AND MAINTENANCE.**

Ms. Troncoso requested item be tabled.

Item tabled.

16. **CONSIDER AND TAKE ACTION ON RECOMMENDATION OF ACCEPTANCE FOR HORIZON CITY UNIT 91 FOR OPERATIONS AND MAINTENANCE.**

Ms. Troncoso requested item be tabled.

Item tabled.

17. **CONSIDER AND TAKE ACTION ON ENROLLING WITH TEXAS UTILITY HELP.**

Mr. Alan Petrov explained that the state offers this utility help program for low-income people to help fund some of their bills. This is a program, if the district chooses, can enter into under agreement. Director Jarvis asked Mr. Petrov if the District were to enroll in the program would it be a commitment and Mr. Petrov replied it would be a commitment for a little over a year going through December 2023. Director Jarvis added he did not have enough information on this and was not ready to make a motion and Director Barton agreed.

No Action. Item tabled for future date pending more information.

18. CONSIDER AND TAKE ACTION ON REHABILITATION OF WELL 14-36.

Mr. McGinnis requested prices from various companies for repairs to the well and only received one from WHB for \$27,913.00 to replace and repair pump. Mr. McGinnis stated they will need to pull the pump that has been in service for about 5 years and the lifespan of those pumps is about that and is requesting approval.

Director Barton made a motion to approve the rehabilitation of Well 14-36 in the amount of \$27,913.00 and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

19. CONSIDER AND TAKE ACTION ON PURCHASE OF VFD FOR BLOWERS AT WWTP.

Mr. McGinnis requested item be tabled.

Item tabled.

20. CONSIDER AND TAKE ACTION ON RESOLUTION FOR DISTRICT TO CHANGE LOCKBOX.

Mr. Alan Petrov explained this was a standard form for the banks to change the lockbox. He explained a lockbox is where the customer's bills are sent directly to the bank. Mr. McGinnis added that the payments that are received in the lockbox are received in Houston and go into a lockbox and they (Inframark) are changing banks and would need approval.

Director Thomas made a motion to approve the resolution for the District to change lockbox and was seconded by Director Barton.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

21. **CONSIDER AND POSSIBLE ACTION REGARDING LIBERTY MUTUAL PROPERTY DAMAGE REALEASE (13720 PASEO VERDE DR, EL PASO TX).**

Mr. Alan Petrov explained the insurance is offering to pay \$21,400.00 for the damage that occurred.

Director Thomas made a motion to approve the was seconded by Director Barton.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

22. **CONSIDER AND TAKE POSSIBLE ACTION REGARDING A CORRECTION OR EXCHANGE DEED FOR W. WELLFIELD CO. FOR A DISTRICT WELL SITE.**

Mr. Petrov stated that there was an interesting survey issue in El Paso County where some of the underlying benchmark surveys do not agree with each other. Ms. Troncoso explained there are two surveyors Baker and McCombs, Baker who did the original survey did not match the later survey done by McCombs stating that when McCombs turned an angle his survey line for the section lines diverged. The well site description is written on the Baker survey on one point but was constructed and exists on the McCombs survey at a different point, so Ms. Troncoso asked Mr. Petrov if it was possible to do a correction deed that states,

the wrong description was filed here is the correct description or a trade of site for site so the well site matches what is in the field.

Director Barton made a motion to approve the correction or exchange deed for W. Wellfield Co. and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

23. **CONSIDER AND TAKE ACTION TO APPROVE ORDER EXCLUDING LAND AND REDEFINING THE BOUNDARIES OF THE DISTRICT FOR VERTURO FUND ASSET 3 LLC.**

Mr. Petrov explained this was another property on the fringe of the district that wants to be excluded from the District so they can get water from the PSB. It is about 8 ½ acres and meet the statutory requirements.

Director Thomas made a motion to approve the order excluding land and redefining the boundaries of the district for Verturo Fund Asset 3 LLC and was seconded by Director Barton.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

24. **CONSIDERATION AND POSSIBLE ACTION REGARDING A RESOLUTION REQUESTING AN APPRAISED VALUE ON BEHALF OF THE HORIZON REGIONAL MUNICIPAL UTILITY DISTRICT FOR THE DEFINED AREAS.**

Mr. Alan Petrov explained this is in anticipation of some of the defined areas issuing defined area bonds next year. Mr. Petrov explained the appraisals the county does are based on January 1 dates and by this time of the year the new builds have potentially much more value than their appraisal shows. The one for January 1, 2023, the county does not get them out until about six or seven months later so is requesting to go ahead and request an estimated appraised value now to the county and that way the county can look at whether or not how much of a bond issue they could support with their existing tax values.

Director Thomas made a motion to approve the resolution requesting an appraised value on behalf of Horizon Regional Municipal Utility District and was seconded by Director Barton.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

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

Director Jarvis had one item and requested the Board members, Director Thomas and Director Barton, Mr. Alan Petrov, Mr. Luis Delgadillo for executive session.

Executive session at 7:23 p.m.
Returned from executive session at 7:35 p.m.

26. **CONSIDER AND TAKE ACTION ON SPRAY FIELD EMPLOYEE PAY RATE.**

Director Barton made a motion to approve the Spray Field employee pay rate and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

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

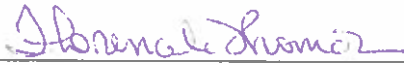
Ms. Lorena Quezada wanted to bring it to the attention of the Board regarding Christmas Day and New Year's Day fall on a Sunday and will be observed on the following Monday for each so there will not be any trash pick up those two Mondays 12/26/22 & 1/2/23.

There being no further business before the Board, the meeting was upon motion made by Director Thomas and seconded by Director Barton all in favor and carried, adjourned at 7:40 p.m.

READ, APPROVED AND ADOPTED THIS 29th DAY OF November 2022.



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



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

CM/VS



**Horizon Regional MUD
General Manager Reports for the month of
September 2022
Board Meeting Date: 10-27-2022**

Reviewed By: Carlos McGinnis
Date: 10-27-2022



Inframark LLC
14100 Horizon Blvd, Horizon
City, TX 79928
United States
www.inframark.com

Current Items Requiring Board Approval

Vendor	Amount	WO#	Budget Amount	Description

Date: 10/27/22

Memorandum for: Board of Director's Horizon Regional MU

From:

Subject: General Manager's Executive Summary Report

Below is a summary of activities since the last board meeting:

1) Wastewater Treatment Plant

- a) Digester repairs are ongoing
- b) We are waiting for parts to be delivered for Main Bar Screen.
- c) GLO Lift Station rehab is awaiting start.

2) Distribution System – Billing

- a) We are awaiting meters from supplier.
- b)
- c)

3) Collection System

- a) Lift Stations are all operational
- b)



4) Ponds

- a) RO Ponds are holding
- b)

5) Construction

- a) Manhole rehabs are ongoing
- b) Elevated Storage construction is moving quickly.

6) Customer Care

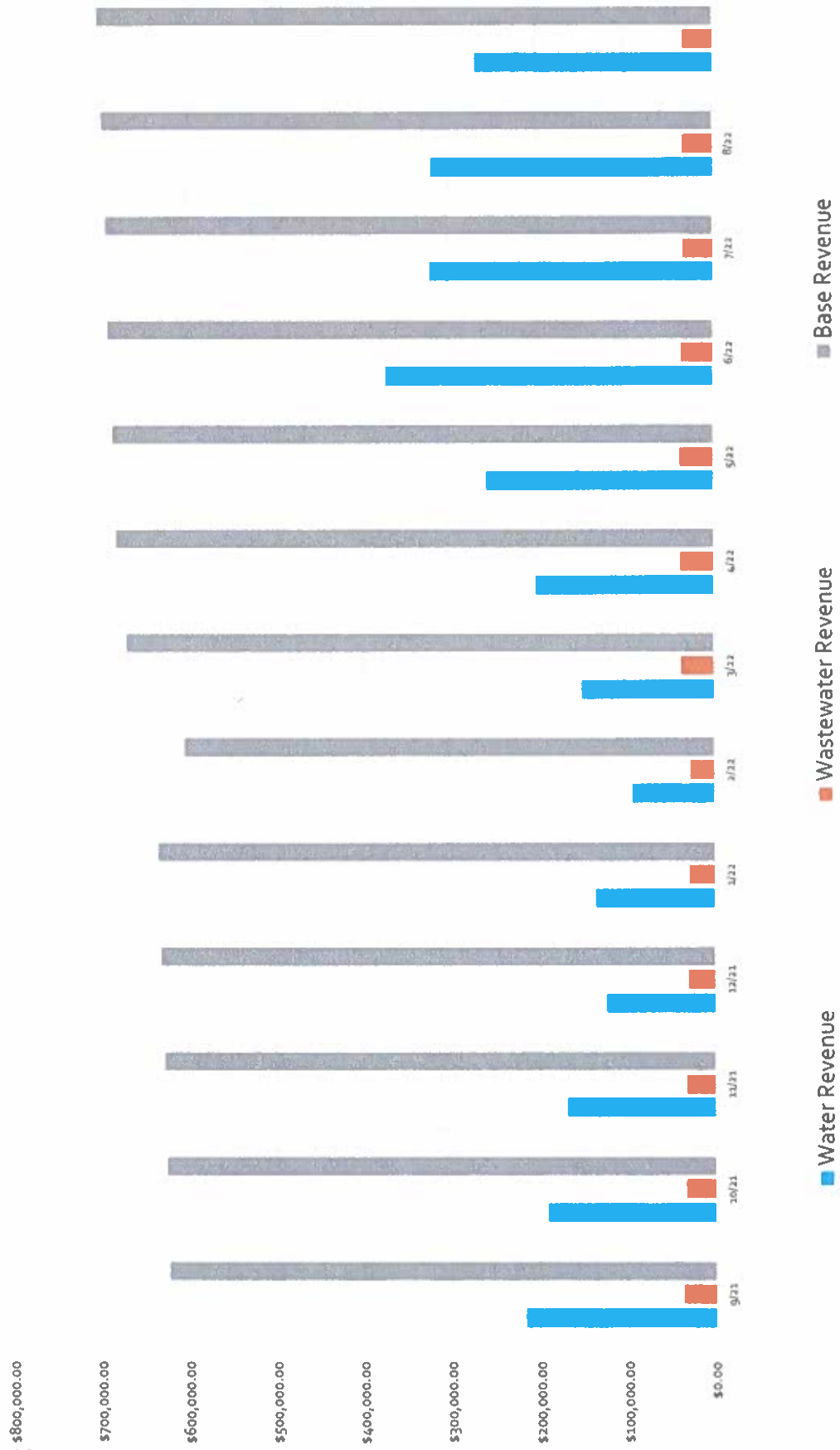
- a) Assisted 8 Customers with payment plans.
 - b) 201 Disconnections were done.
- 
- 



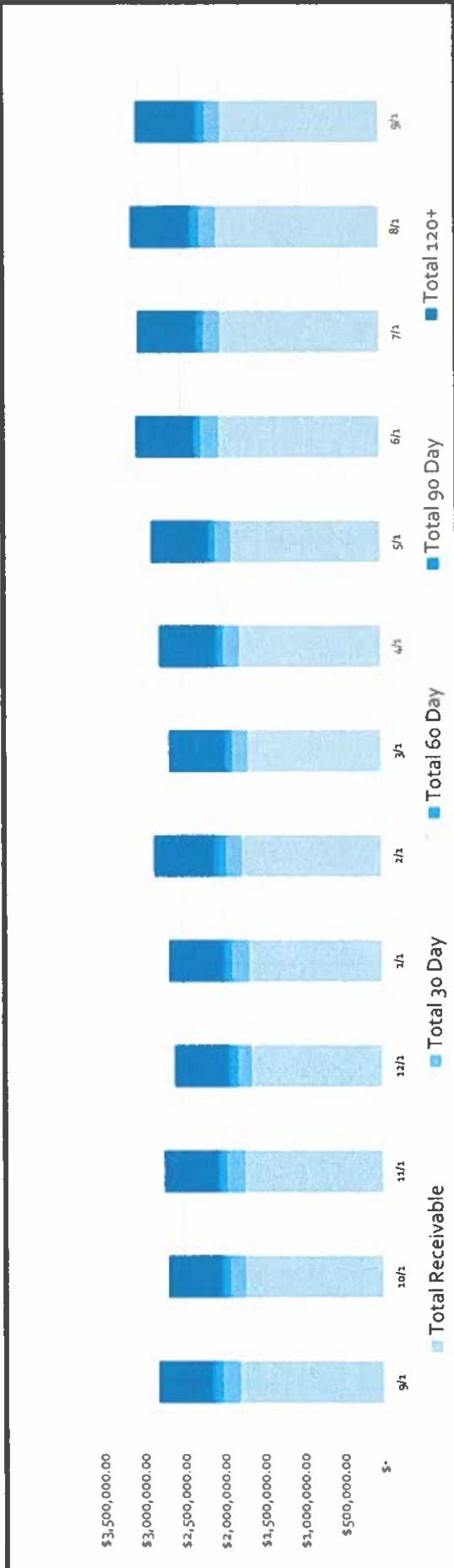
Billing Summary

Description	Connections	
	Sep-21	Sep-22
Residential	11,917	12,516
Commercial	248	241
Irrigation	56	64
School	20	24
Municipal	15	16
Church	12	12
Bulk Meter	23	36
Total Number of Accounts Billed	12,291	12,909
	Consumption	
Residential	85,526,900	84,063,600
Commercial	7,980,000	5,788,300
Irrigation	3,477,300	8,212,400
School	1,408,800	2,289,700
Municipal	966,900	3,544,200
Church	387,800	105,100
Bulk Meter	1,509,000	3,701,000
Total Gallons Consumed	101,256,700	107,704,300
	Average Consumption	
Residential	5,556	6,716
Commercial	15,474	24,018
Irrigation	23,596	128,319
School	13,395	95,404
Municipal	11,900	221,513
Church	11,267	8,758.33
Bulk Meter	51,359	102,806
Avg Water Use for Accounts Billed	8,238	8,343
Total Billed	\$ 875,279	\$ 1,003,802
Total Aged Receivables	\$ 969,675	\$ 985,947
Total Receivables	\$ 1,799,321	\$ 1,989,749

12 Billing Month History Revenue by Category



12 Month Accounts Receivable and Collections Report

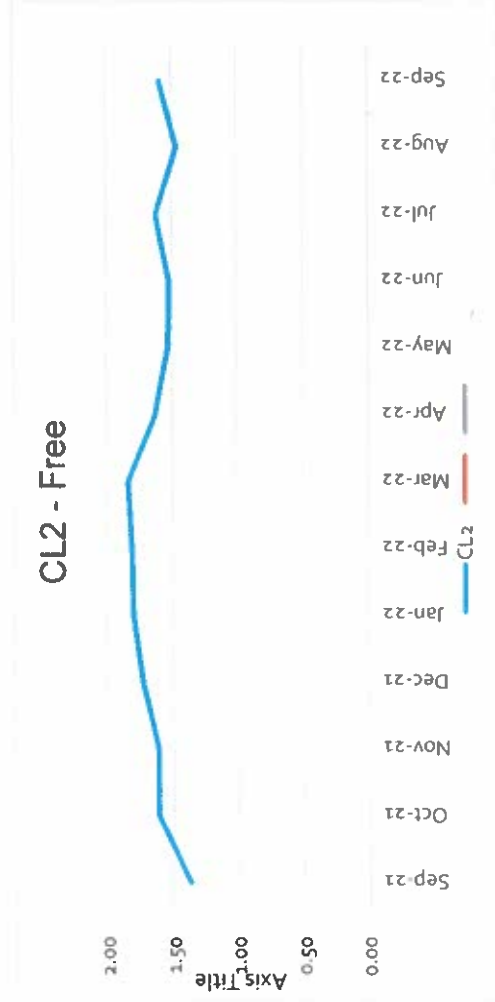


ate	Total Receivable	Total 30 Day	Total 60 Day	Total 90 Day	Total 120+
ep-21	\$ 1,799,321.15	\$ 219,560.23	\$ 91,062.29	\$ 32,337.27	\$ 678,542.81
ct-21	\$ 1,728,773.18	\$ 196,754.08	\$ 69,973.17	\$ 36,193.65	\$ 674,288.07
ov-21	\$ 1,728,750.15	\$ 228,165.27	\$ 79,548.39	\$ 23,961.91	\$ 680,155.56
ec-21	\$ 1,639,534.72	\$ 176,096.12	\$ 74,868.56	\$ 31,338.13	\$ 685,024.65
fr-22	\$ 1,664,708.09	\$ 216,551.92	\$ 76,349.85	\$ 22,987.38	\$ 693,648.16
sb-22	\$ 1,752,885.13	\$ 196,848.69	\$ 93,274.07	\$ 55,643.82	\$ 749,947.91
ar-22	\$ 1,672,316.30	\$ 194,092.81	\$ 62,230.37	\$ 23,933.95	\$ 706,848.97
pr-22	\$ 1,776,220.26	\$ 205,391.56	\$ 64,233.14	\$ 16,959.35	\$ 716,364.40
my-22	\$ 1,874,079.57	\$ 197,287.37	\$ 64,578.63	\$ 16,799.24	\$ 721,239.50
jn-22	\$ 2,020,620.46	\$ 226,445.16	\$ 67,429.82	\$ 16,754.16	\$ 720,798.42
jr-22	\$ 2,000,354.05	\$ 209,579.87	\$ 72,184.90	\$ 16,543.31	\$ 728,479.80
jl-22	\$ 2,045,034.85	\$ 215,254.55	\$ 96,437.91	\$ 19,336.64	\$ 731,095.88
ug-22	\$ 1,989,749.11	\$ 192,801.96	\$ 94,129.35	\$ 25,073.53	\$ 738,023.86
ep-22	\$ 1,989,749.11	\$ 192,801.96	\$ 94,129.35	\$ 25,073.53	\$ 738,023.86
card Consideration to Write Off	\$39.83				
card Consideration Collections	\$5,621.06				
elinquent Letter Mailed	N/A				
elinquent Tags Hung	201				
issconects for Non Payment					

Water Quality Monitoring

Current Annual CL2 Avg

Requirements	Min .02	
Date	CL2	
Sep-21	1.37	
Oct-21	1.61	
Nov-21	1.61	
Dec-21	1.73	
Jan-22	1.80	
Feb-22	1.81	
Mar-22	1.84	
Apr-22	1.63	
May-22	1.53	
Jun-22	1.52	
Jul-22	1.62	
Aug-22	1.46	
Sep-22	1.59	





Pictures of Construction of new Elevated Storage



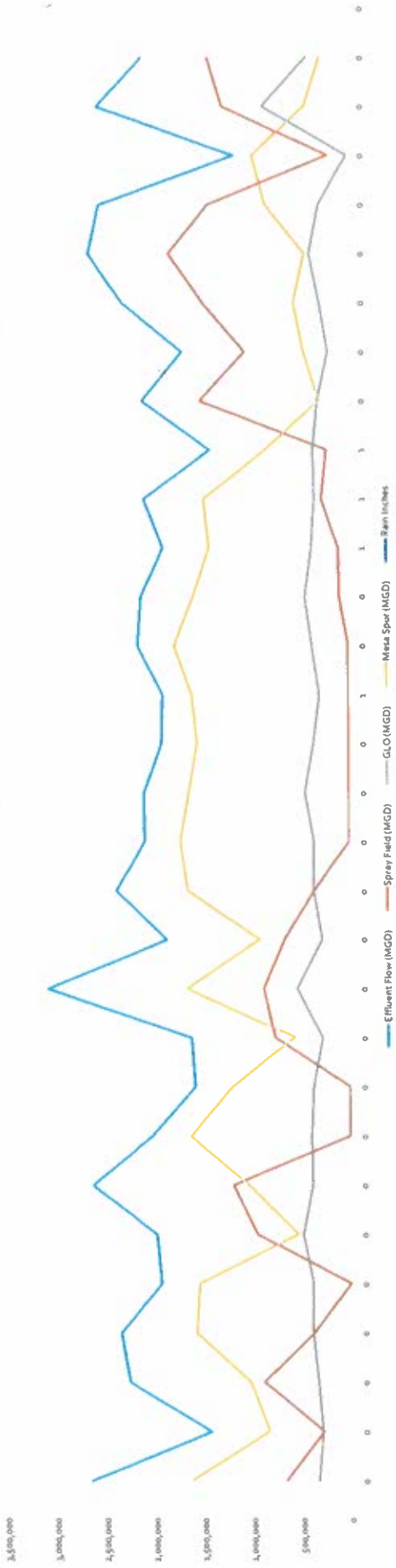
Month	Month	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gals Loss (-)	Water loss %
September 21	10/28/2021	12233	163,518	105,556	40,000	17,962	15.5%
October 21	11/30/2021	12291	139,733	101,250	25,000	13,483	9.0%
November 21	12/31/2021	12424	130,773	85,051	30,000	15,722	11.0%
December 21	1/31/2022	12488	121,828	74,820	30,000	17,008	9.6%
January 22	2/28/2022	12510	120,320	76,674	33,000	10,646	12.0%
February 22	3/24/2022	12611	110,934	72,951	29,000	8,893	13.0%
March 22	4/24/2022	12696	137,251	82,886	38,000	16,361	8.8%
April 22	5/30/2022	12809	146,607	100,892	34,050	11,665	11.0%
May 22	6/30/2022	12844	170,803	117,013	40,500	13,290	7.8%
June 22	7/30/2022	12921	173,030	132,529	30,500	10,001	6.0%
July 22	8/25/2022	12956	154,724	122,468	22,000	10,256	6.6%
August 22	9/22/2022	13069	119,789	115,234	2,000	2,555	2.0%
September 22	10/27/2022	12909	112,123	107,704	2,000	2,419	2.0%



Wastewater Production and Quality



Wastewater Flows for the Month of September, 2022



Wastewater Treatment Permit Summary - Month of September 2022

	DISCHARGE	Eff.	ACTUAL	COMPLIANT	PERCENT
/g. Treated Flow	MGD	3	2.080	Yes	69.3%
/g. Sprayfield Flow	MGD	3	0.591	Yes	19.7%
/g. GLO Flow	MGD	3	0.366	Yes	12.2%
/g. Mesa Spurr Flow	MGD	3	1.123	Yes	37.4%
/g. Other Flow			0.000	N/A	
/g. cBOD	mg/L	10	7.6	Yes	
/g. TSS	mg/L	15	6.3	Yes	
/g. Ammonia Nitrogen NH3	mg/L	3	2.22	Yes	
/g DO	mg/L	10	8.30	Yes	
coli/Bacteria	CFU	126	32.8	Yes	
IN PH	STD UNITS	6.0	6.64	Yes	
AX PH	STD UNITS	9.0	7.49	Yes	

only applies if discharge

Date: October 13, 2022

Re: Operations Report for September 2022

Lift Stations

<u>Barrel Cactus Lift Station</u>	Fully operational.
<u>Benton Lift Station</u>	Fully operational.
<u>Biglon Lift Station</u>	Fully operational
<u>Duanesburg Lift Station</u>	One pump running diesel pump as back up.
<u>Ellsworth Lift Station</u>	Fully operational.
<u>El Paso Hills Lift Station</u>	Fully operational.
<u>El Paso Hills Relay Station</u>	Fully operational
<u>El Paso Hills Lift Station #2</u>	Fully operational.
<u>Horizon Lift Station</u>	Fully operational.
<u>Kenazo Lift Station</u>	Fully operational.
<u>Notre Dame List Station</u>	Fully operational.
<u>Manor 9 Lift Station</u>	Fully operational.
<u>Section 32 Lift Station</u>	Fully operational
<u>Veny Webb Lift Station</u>	Fully operational
<u>Woodale Lift Station</u>	Fully operational.
<u>Kenazo Lift Station #2</u>	Fully Operational
<u>Summer Sky Lift station</u>	Fully Operational
<u>Hazlewood Lift Starion</u>	Fully Operational
<u>Desert Point Lift Station</u>	Fully Operational
<u>Holly spirit Lift station</u>	Fully operational

Tanks

<u>GST 1</u>	Online as reserve storage for the distribution system.
<u>GST 2</u>	Online as primary pumping station and water supply for the distribution system.
<u>GST 3</u>	Online with the distribution system.
<u>GST 4</u>	Online with the distribution system.
<u>GST 5</u>	Online with the distribution system.
<u>RWT #1</u>	Online and feeding the RO plant.
<u>EST 1</u>	Online with the distribution system.
<u>EST 2</u>	Online with the distribution system.
<u>EST 3</u>	Online with the distribution system.
<u>EST 4</u>	Online with the distribution system.

Wastewater Treatment Plant

- 5 blowers are up and running. Waiting on soft start to repair Blower #3
Hauled 18 loads of sludge.
- GLO 1 pump running 2nd pump in shop
- GC Lift station1 pump Running 2nd pump in shop

Water Wells

Well 1 operational
Well 2 vibrating /off
Well 3 operational
Well 4 operational
Well 5 operational
Well 6 operational
Well 7 operational
Well 8 operational
Well 10 operational
Well 11 operational

Pump Station 2

No change in status.

Pump Station 3

Operational.

Pump Station 4

Operational.

Pump Station 1

Operational.

RO Plant

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

General

Started cleaning up weeds after rain weeds (doing grounds keeping to keep up)
Well 14-36 Meter not working and well is down. Replacement meter already arrived.
Also cut swale to keep water away from HZ ventures property
16-36 meter already programed for replacement.
Finished with secondary backup RO pond.

Aldo Navarrete, Operations Manager.



Engineering Solutions

MEMORANDUM

Via E-Mail

TO: Horizon Regional Municipal Utility District
Board of Directors

FROM: Linda Troncoso, P.E.

DATE: October 27, 2022

SUBJECT: October 27, 2022 Board Meeting
Engineer's Report
TRE Job No.: 1277-7388-54

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

Service Commitments Currently Under Review

See attached summary.

Plans Under Review

See attached summary.

Projects Under Construction

See attached summary.

Horizon City Roadway Projects

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

TRE and Inframark have regularly met with the Town and TxDOT regarding Darrington and Horizon Blvd reconstruction and are continuing to address specific line replacement and relocation requirements as part of the project scope. The 90% design of the Darrington Water and Wastewater Line Replacement was submitted to TxDOT last month. Construction is anticipated to be occur June 2023 – May 2025.

County Roadway Projects

Coordination with the County and the Camino Real Regional Mobility Authority is ongoing for upcoming projects.

HRMUD Engineering Report
October 27, 2022
Page 2 of 3

Elevated Storage Tanks and Water Model Update

The construction has commenced. Pay Estimate Number 10 is on the agenda for approval at this BOD meeting. The interior and exterior of the tank had been painted. The waterline construction is complete except for the connections.

4.2 MGD RO Plant Expansion and Permit Amendment

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

RO Concentrate Disposal Management

TRE has received approval from the Railroad Commission and has submitted the formal permit application and support documentation to the TCEQ on June 14, 2022. TCEQ has completed the hydrogeologic review and is undergoing engineering review at this time.

Wastewater Treatment Plant Expansion Design and Major Permit Amendment

TRE is underway with the design for the WWTP to be expanded at the current treatment plant location. The site layout is being designed at this time to accommodate future expansions.

Duanesburg Lift Station Rehabilitation

The pumps for the rehabilitation have arrived and the control panel is anticipated to next week. Force Main fittings have been delayed and are anticipated to arrive the second week of November. A preconstruction meeting is scheduled for late November with construction anticipated to begin after Thanksgiving.

Wastewater Treatment Plant Digester Emergency Repair

Digester A is offline at this time, the sludge removal has been completed and the repair process is underway. Pay Application No. 5 and Change Order Number 3 are on the agenda for approval at this meeting.

HRMUD Engineering Report
October 27, 2022
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GLO Lift Station Repair

The pumps and control panel have been delivered and force main fittings have been delayed but are anticipated to be delivered within the next two weeks. They preconstruction meeting will be held in mid-November and construction is anticipated to begin after Thanksgiving.

RO Train D and RO Concentrator A Membrane Replacement

New membranes have been installed in RO Train D and Train D membranes are being installed in RO Concentrator Train A. Change Order No. 1 is on the agenda to replace the membranes in RO Concentrator Train B with the additional salvaged membranes from Train D.

Linda Troncoso will be at the October 27th 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 10/19/22)
COMMITMENT APPLICATIONS

Job #	Job Title	Date Received	Additional Info Request	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Comments
1277-12288	Kenazo Unit 2	9/12/2022		9/28/2022	0	0	Approved
1277-12209	Paseo Del Este Unit 9 Phase II	9/29/2022		10/3/2022	218	218	approved
1277-12296	Horizon Crossing Unit 3	9/29/2022		10/4/2022	0	0	approved

TRE & ASSOCIATES, LLC (revised 10/19/2022)
HR - CONSTRUCTION REVIEW

Job #	Job Title	Commitment Letter Released	Plans Received	Plan Comments Sent	Plan Approval	Comments
1277-11838	Horizon City Unit 91 - 22 lots	1/17/2020	12/16/2019	2/14/2020- 1st set 7/24/20 - 2nd set		awaiting revised plans
1277-11850	13300 Horizon Boulevard	2/20/2020	4/30/2020	6/3/2020		awaiting revised plans
1277-12051	Polar Services Center	7/19/2021	10/7/2021 (Pre treatment app 8/3 9/8)	Pre treatment app 8/16, 9/22		corresponding with engineer
1277-12193	Summer Sky North Unit 1 Phase II	4/6/2022				under review
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	5/19/2022	7/12/2022 2nd- 8/29/22	8/3/2022	9/28/2022	Approved
1277-12240	Mister Car Wash	5/19/2022	6/2/22 8/1/22 10/17/22	6/15/22 1st 8/15/22 2nd		under review
1277-12262	355 Asencion	7/27/2022				awaiting plan submittal
1277-12288	Kenazo Estates Unit Two	9/28/2022	9/28/2022	10/13/2022		awaiting revised plans
1277-12271	Rancho Desierto Bello 14	8/29/2022	8/22/2022			under review
1277-12282	13780 Horizon Blvd - Applebees	9/1/2022	10/11/2022	10/19/2022		awaiting revised plans
1277-12295	Paseo Del Este Unit 9 Phase II	10/3/2022	10/3/2022			under review
1277-12296	Horizon Crossing Unit 3	10/4/2022	10/4/2022		10/10/2022	approved

TRE & ASSOCIATES, LLC (revised 10/19/22)
CONSTRUCTION OBSERVATION

Job #	Job Title	Plan Approval	Construction Start Date	Comments
1277-12011	Horizon Mesa Self Storage	10/26/2021		awaiting construction start
1277-11864	West Eastlake Estates Unit Two	3/5/2020	3/21/2021	under construction
1277-12059	HC Unit 91 Blk 791-792	9/9/2021	10/7/2021	under construction
1277-11852	Painted Desert at Mission Ridge Unit 4	10/14/2021	4/26/2022	under construction
1277-12152	905 Linwood	4/5/2022		awaiting construction start
1277-12182	Paseo del Este Unit 8 Phse I	6/7/2021	3/29/2022	under construction
1277-12190	Paseo del Este Unit 8 Phse II	5/26/2021	5/1/2022	under construction
1277-12191	Rancho Desierto Bello Unit 15 Phase II	5/28/2022	6/16/2022	under construction
1277-12133	HCU 51	8/25/2021		awaiting construction start
1277-12120	DECU4 - 13649 Eastlake-Shopping	3/22/2022	3/28/2022	under construction
1277-12201	14861 Horizon Blvd	6/17/2022		awaiting txdot permit
1277-12205	Horizon Town Center Unit 4	4/19/2022	5/5/2022	under construction
1277-12209	PDEU9 PHI	5/31/2022		awaiting construction start
1277-12224	Dutch Bros., LLC	6/21/2022	9/1/2022	awaiting construction start
1277-12229	Walmart #3136-13900 Horizon Blvd	6/2/2022	7/25/2022	awaiting acceptance
1277-12134	Jack in the Box - 13640 Horizon Blvd	6/7/2022	8/1/2022	under construction
1277-12236	15071 Horizon Blvd	6/2/2022		awaiting construction start
1277-12237	Dollar General - 801 S. Darrington	7/27/2022	8/1/2022	under construction
1277-12192	Summer Sky North Unit 1 Phase I	8/5/2022		awaiting construction start
1277-12136	TxDOT Horizon Blvd Irrigation	8/18/2022		awaiting construction start
1277-12249	201 S. Darrington	8/29/2022	9/1/2022	under construction
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	9/28/2022	10/6/2022	under construction
1277-12200	12504 Weaver Rd	9/6/2022	9/13/2022	awaiting construction start
1277-12296	Horizon Crossing Unit 3	10/10/2022		awaiting construction start

TRE & ASSOCIATES, LLC (revised 10/19/22)
HR - APPROVED UTILITY SERVICE COMMITMENTS

Job #	Job Title	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Plan Approval	Comments
1277-11838	Horizon City Unit 91 - 22 lots	1/17/2020	0	22		awaiting revised plans
1277-11850	13300 Horizon Boulevard	2/20/2020	64	64		awaiting revised plans
1277-11864	West Eastlake Estates Unit Two	2/24/2020	118	118	3/5/2020	approved
1277-12011	Horizon Mesa Self Storage	2/17/2020	3	3	10/26/2021	approved
1277-12051	Polar Services Center	7/19/2021	5	5		under review
1277-11852	Painted Desert at Mission Ridge Unit 4	7/19/2021	276	276	10/14/2021	approved
1277-12120	Darrington Eastlake Commerical Unit 4	11/10/2021	33	33	3/22/2022	approved
1277-12134	Jack in the Box - 13640 Horizon Blvd	11/10/2021	15	15	6/7/2022	approved
1277-12136	TxDOT Horizon Blvd Irrigation	12/22/2021	0	24	8/18/2022	approved
1277-12152	905 Linwood	12/9/2021	1	1	4/5/2022	approved
1277-12059	HC Unit 91 Blk 791-792	6/9/2021	0	11	9/9/2021	approved
1277-12182	Paseo del Este Unit 8 Phse I	6/17/2021	251	251	6/7/2021	approved
1277-12190	Paseo del Este Unit 8 Phse II	2/24/2022	173	173	5/26/2021	approved
1277-12191	Rancho Desierto Bello Unit 15 Phase II	2/24/2022	68	68	5/28/2022	approved
1277-12200	12504 Weaver Rd	3/29/2022	0	0	9/6/2022	approved
1277-12192	Summer Sky North Unit 1 Phase I	4/6/2022	231	231	8/5/2022	approved
1277-12193	Summer Sky North Unit 1 Phase II	4/6/2022	247	247		under review
1277-12205	Horizon Town Center Unit 4	4/11/2022	39	39	5/5/2022	approved
1277-12201	14861 Horizon Blvd.	4/11/2022	0	1	6/17/2022	approved
1277-12224	Dutch Bros., LLC	4/22/2022	0	5	6/21/2022	approved
1277-12209	PDEU9 PHI	5/5/2022	195	195	5/31/2022	approved
1277-12229	Walmart #3136-13900 Horizon Blvd	5/5/2022	0	0	6/2/2022	approved
1277-12236	15071 Horizon Blvd	5/11/2022	0	1	6/2/2022	approved
1277-12240	Mister Car Wash	5/19/2022	25	25		under review
1277-12237	801 S. Darrington	5/19/2022	7	7	7/27/2022	approved
1277-12249	201 S. Darrington	6/14/2022	0	6	8/29/2022	approved
1277-12262	355 Ascencion	7/27/2022	0	2		awaiting plans
1277-12271	Rancho Desierto Bello 14	8/29/2022	68	68		under review
1277-12282	13780 Horizon Blvd - Applebees	9/1/2022	27	27		awaiting revised plans
1277-12288	Kenazo Estates Unit Two	9/28/2022	0	0		Under review
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	5/19/2022	13	13	9/28/2022	approved
1277-12295	Paseo Del Este Unit 9 Phase II	10/3/2022	218	218		under review
1277-12296	Horizon Crossing Unit 3	10/4/2022	0	0	10/10/2022	approved

**TOTAL OUTSTANDING
COMMITMENTS**

2077

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