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, December 5, 2024, at 6:00 p.m. in person 14100 Horizon Blvd, Horizon City, Texas, pursuant to notice given in accordance with the law.

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

Gordon, Jarvis - President
Dean Hulsey - Vice President
Florence Thomas - Treasurer
Mike Barton - Secretary

vacant - 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 Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, Ricardo Felix, Tom Urrabazo, Frank Ortiz. CRI CPA's - Michael White. The Pledge of Allegiance was said with audience participation.

4. RECEIVE CITIZEN COMMUNICATIONS.

No citizen communications.

No action item.

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 Payment of Bills and Invoices for Operations and Construction for Spray Field; and to Approve the Transfer of Funds for Spray Field #1.
- C: Consider and Take Action to approve Financial Statement for October 31, 2024.
- D: Consider and Take Action to approve the Minutes for Special Board Meeting held on August 14, 2024, and Regular Board Meeting held on August 22, 2024.
- E: Consider and Take Action on Pay Estimate No. 2 for Paseo del Este Unit 9 Phase III.
- F: Consider and Take Action on Pay Estimate No. 4 for Paseo del Este Unit 9 Phase IV.

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

All in favor: 4 ayes Opposed: 0 none

Motion passed to approve.

6. DISCUSSION OF HORIZON VIEW ESTATES.

Mr. Ricardo Felix addressed the Board and reported they had gone out and confirmed all visible meters and gate valves that were missing and have established an alignment for each street where the pipe will be and are currently working on the design.

No action necessary.

7. CONSIDER AND TAKE ACTION ON REQUEST FOR VARIANCE TO RULES FOR SEWER LINE REQUIREMENTS FOR 905 LINWOOD.

Mr. Felix brought the Board up to date & explained that this gentleman was requesting a variance to install the water service knowing he needed to extend the sewer line. The customer then went to the County to request to install a septic tank, this was not communicated to the District or engineers by the County or the customer. Customer went ahead and installed septic tank.

Director Hulsey made a motion to deny variance and was seconded by Director Barton.

All in favor: 4 ayes to deny

Opposed: 0 none

Request denied.

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

Mr. McGinnis presented the Management and Operations report and set new calendar.

See attached report.

Director Hulsey made a motion to approve the write offs and collections and was seconded by Director Thomas.

All in favor: 4 ayes Opposed: 0 none

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

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

See attached report.

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

All in favor: 4 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. Delgadillo was not present, so Director Hulsey briefly discussed the Spray Field report. For the month of October, the golf course missed budget by about \$10,000.00 but November is looking to be a better month.

Director Barton made a motion to approve the report relating to management and operational activities of Spray Field No. 1 and was seconded by Director Thomas.

All in favor: 4 ayes Opposed: 0 none

11. CONSIDER AND TAKE ACTION ON CHANGE ORDER No. 1 FOR PASEO EL ESTE UNIT 9 PH III.

Ms. Troncoso explained this was a defined area project. This change order is the addition of one wastewater manhole in the amount of \$7,000.00 an increasing change order and recommends approval.

Director Hulsey made a motion to approve the change order and was seconded by Director Barton.

All in favor: 4 ayes Opposed: 0 none

Motion passed to approve.

12. CONSIDER AND TAKE ACTION TO RECOMMENDATION OF ACCEPTANCE FOR OPERATIONS AND MAINTENANCE FOR KENAZO UNIT 2.

Ms. Troncoso requested item tabled to next meeting.

Item tabled.

13. CONSIDER AND TAKE ACTION ON AWARD OF BID FOR VERDANCIA UNIT I SUBDIVISION (VN-1).

Ms. Troncoso stated this was a future defined area. The bid was done publicly, they received several bidders with the lowest bid belonging to CMD Endeavors in the amount of \$2,555,730.00 and they are recommending award.

Director Hulsey made a motion to award bid for Verdancia Unit I Subdivision (VN-1) to CMD Endeavors and was seconded by Director Barton.

All in favor: 4 ayes Opposed: 0 none

Motion passed to approve.

14. <u>CONSIDER AND TAKE ACTION ON SAND SEPARATOR FOR RO RAW WATER TANK.</u>

Mr. McGinnis requested pricing on a sand separator for RO raw water tank, stating the one they have is corroded and beyond repair and received 2 two prices, one from Pure Ops for \$42,249.00 and the other from El Paso Phoenix Pumps for \$42,300.00. Mr. McGinnis requested to purchase sand separator from Pure Ops as it was the lower priced. Director Jarvis stated since Pure Ops was an out of state company and El Paso Phoenix Pumps is in Texas, he recommends the purchase of the sand separator from El Paso Phoenix Pumps due to an out of state reciprocity.

Director made a motion to approve the change order and was seconded by Director Thomas.

All in favor: 4 ayes Opposed: 0 none

15. CONSIDER AND TAKE ACTION ON REHAB OF I-10 WELL 11.

Mr. McGinnis stated it is time to rehab a couple of wells due to water naturally being so corrosive and if not rehabbed, the well will be lost. He stated typically the wells can go about two years and both Well 11 and Well 5 have been in service for two years. Mr. McGinnis requested pricing and only received pricing from WHB Pump Sales in the amount of \$72,470.00 for each Well. Director Jarvis asked how the pricing was compared to what they have paid in the past and Mr. McGinnis replied that it was a bit more expensive due to the cost of material going up but was about right. Ms. Troncoso added the previous wells that were rehabbed cost about \$68,000.00.

Director Hulsey made a motion to approve the rehab of I-10 Well 11 by WHB Pump Sales and was seconded by Director Barton.

All in favor: 4 ayes Opposed: 0 none

Motion passed to approve.

16. CONSIDER AND TAKE ACTION ON REHAB OF I-10 WELL 5.

Explanation on item # 15.

Director Hulsey made a motion to approve the rehab of I-10 Well 5 by WHB Pump Sales and was seconded by Director Barton.

All in favor: 4 ayes Opposed: 0 none

17. CONSIDER AND TAKE ACTION ON SCADA FOR DISTRICT.

Director Hulsey asked if the proposal had to be approved at this meeting since it was so much information. Ms. Troncoso stated it was not required to take action at this meeting, and they would be able to discuss and ask questions. Director Hulsey recommends to not go with the radio network and go with cell network and to get a proposal strictly for cell network. Ms. Troncoso stated she would get an updated proposal with only the information requested by the Board and present at the following Regular Board meeting. Director Jarvis asked if it would be possible to have before to present to the budget committee and Ms. Troncoso said she would.

No action.

18. <u>CONSIDER AND TAKE ACTION ON INTERLOCAL AGREEMENT WITH PASEO</u> DEL ESTE MUD.

Mr. Petrov provided a draft agreement basically stating a trade of them providing a Well site in return for treated effluent they can use for irrigation purposes in their district.

No action at the moment.

19. DISCUSSION FOR TIRZ BOARD DISTRICT REPRESENTATIVE.

Director Jarvis assigned Director Florence Thomas as District Representative for TIRZ Board.

20. <u>CONSIDER AND TAKE ACTION ON NEW CONTRACT WITH MIRACLE DELIVERY ARMORED SERVICE.</u>

Mr. Petrov explained this contract is basically the same other than the price increase of about \$22.00 per month.

Director Hulsey made a motion to approve the new contract with Miracle Delivery Armored Service and was seconded by Director Barton.

All in favor: 4 ayes Opposed: 0 none

Motion passed to approve.

21. CONSIDER AND TAKE ACTION TO APPROVE A FINANCIAL ASSURANCE DOCUMENT AS REQUIRED BY THE TCEO FOR THE DISTRICT'S INJECTION WELL.

Mr. Petrov stated this would be a letter of credit with West Star Bank in the amount that will be necessary to close the well which is roughly \$300,000.00 and would have to be renewed yearly under TCEQ rules and would have to adjust the dollar amount.

Director Hulsey made a motion to approve a financial assurance document required by the TCEQ for the District's Injection Well and was seconded by Director Barton.

All in favor: 4 ayes Opposed: 0 none

22. EXECUTIVE SESSION, AS NECESSARY.

No Executive Session.

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

Mr. Michael White brought Board up to date regarding the transition of bookkeepers and stated it was ongoing.

No action necessary.

There being no further business before the Board, the meeting was adjourned at 7:10 p.m.

READ, APPROVED AND ADOPTED THIS 27th Day of February 2025.

GORDON JARVIS, PRESIDENT

Board of Directors

Horizon Regional M.U.D.

MIKE BARTON, SECRATARY

Board of Directors

Horizon Regional M.U.D.

CM/VS







Horizon Regional MUD

General Manager Reports for the month of
October 2024

Board Meeting Date: 12-5-2024

Reviewed By: Carlos McGinnis 12/5/2024





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
			T V	

Date: 12/5/2024

Memorandum for: Board of Director's Horizon Regional MUD

From: Charlie McGinnis

Subject: General Manager's Executive Summary Report

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

1) Wastewater Treatment Plant

a) Awaiting start of new WAS Pumps

2) Distribution System - Billing

- a) Using new Meters for change outs and new connections.
- b)

3) Collection System

- a) Wooddale Lift Station running on one side
- b) We have received the new jetter and will be jetting areas in Horizon

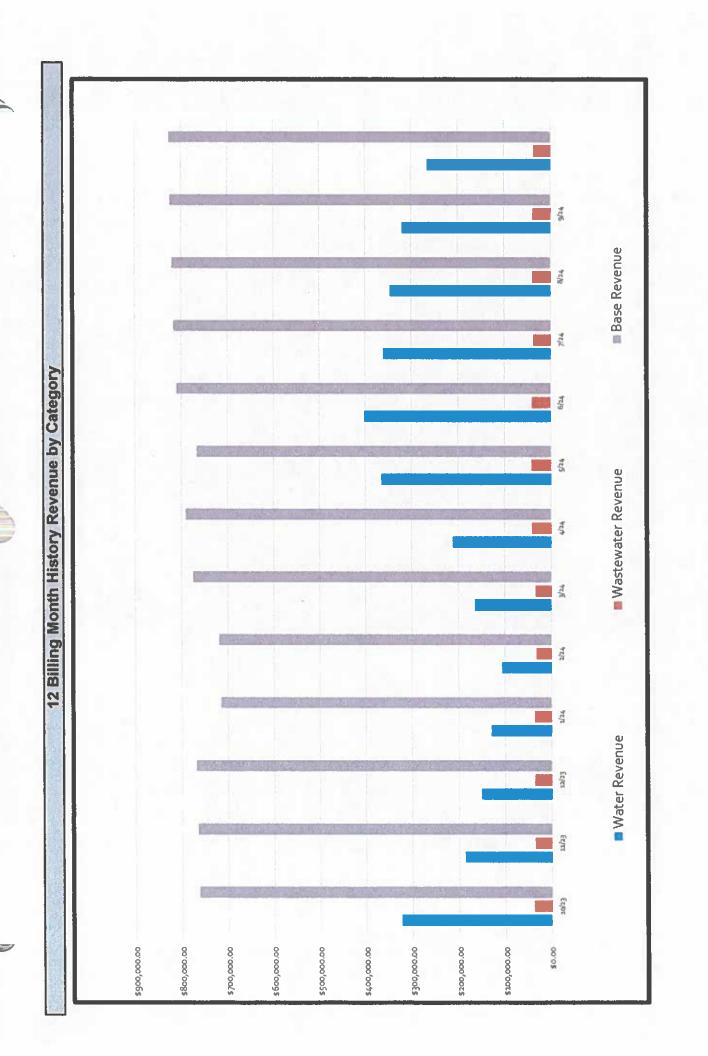
- 4) Ponds
 - a) RO Ponds are holding.
- 5) Construction
 - a) RO Plant site is under contruction
- 6) Customer Care
 - a) Assisted 6 Customers with payment plans.
 - b) 161 Disconnects were done for October 2024

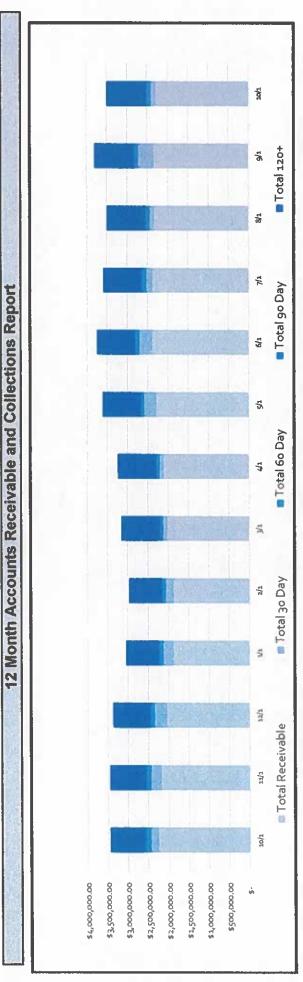
Billing Summary



	Connections	TIS THE PROPERTY OF THE PARTY O
	Oct-23	Oct-24
Residential	13,572	12,834
Residential-Hunt Communities	_	509
Residential-Hunt Properties	-	
Residential-Summer Sky N		479
Residential-Ravenna	-	1
Residential-Rancho Desierto Bello		313
Commercial	257	274
Irrigation	72	83
School	24	22
Municipal	20	21
Church	12	12
Bulk Meter	27	38
Total Number of Accounts Billed	13,984	14,585
	Consumption	tion
Residential	83,603,100	82,156,600
Residential-Hunt Communities		2,136,600
Residential-Hunt Properties		
Residential-Summer Sky N		2,153,700
Residential-Ravenna		
Residential-Rancho Desierto Bello	-	1,369,600
Commercial	5,394,600	6,761,400
Irrigation	9,401,700	9,136,900
School	1,291,400	1,417,900
Municipal	2,935,700	2,611,000
Church	89,900	89,300
Bulk Meter	14,208,500	4,042,000
Total Galions Consumed	116,924,900	111,875,000

		Average Consumption	dunsuc	tion
Residential		5,556		6,401
Commercial		15,474		24,677
Irrigation		23,596		110,083
School		13,395		64,450
Municipal		11,900		124,333
Church		11,267		7,441.67
Bulk Meter		51,359		106,368
Avg Water Use for Accounts Billed		8,361		7,671
Total Billed	49	1,131,237	49	1,131,522
Total Aged Receivables	49	1,127,597	\$	1,156,630
Total Receivables	69	2,258,834	\$	2,288,152





Date	Total Receivable	Total 30 Day	Total 60 Day	Total 90 Day	Total 120+	
Oct-23	\$ 2,258,834,03	183,005.61	\$ 105,500.82	\$ 40,496.86	4/2	867,999.17
Nov-23	\$ 2,188,071.41 \$	\$ 250,139.23	\$ 101,741.00	\$ 28,289.26	8	885,667.60
Dec-23	\$ 2,043,813.28	\$ 303,763.01	\$ 93,784.38	\$ 26,927.63	\$	898,538.77
Jan-24	\$ 1,881,203.33	\$ 246,863.57	\$ 83,009.17	\$ 33,024.33	\$	792,288.63
Feb-24	1,880,020.19	\$ 183,183.49	\$ 78,856.08	\$ 21,919.65	S	800,043.52
Mar-24	\$ 2,028,343.43	\$ 96,255.12	\$ 74,309.03	\$ 20,230.60	\$	928,627.70
Apr-24	2,105,491.92	\$ 101,170.39	\$ 74,156.25	\$ 16,591.44	\$	933,517.71
Mav-24	\$ 2,287,371,78	\$ 293,781.57	\$ 73,050.39	\$ 16,284.50	\$	937,291.63
Jun-24	2,378,246,90	311,258.86	\$ 98,709.67	\$ 16,931.49	5	938,576.27
Jul-24	\$ 2,370,985.74	\$ 152,079.47	\$ 102,204.19	\$ 21,772.40	\$	938,909.02
Aug-24	\$ 2,325,913.60	\$ 105,957.96	\$ 99,349.43	\$ 23,867.98	4	946,977.38
Sep-24	\$ 2,329,888.90	\$ 385,357.44	\$ 92,979.77	\$ 29,734.90	\$	960,235.74
Oct-24	\$ 2,288,152.82	\$ 117,917.04	\$ 91,240.21	\$ 27,065.22	\$	975,846.01
20 T. M. T. D. C.	000					
Board Consideration to write on	77.704					
Board Consideration Collections	\$5,882.30					

Delinquent Letter Mailed Delinquent Tags Hung Disconnects for Non Payment

1,121 N/A 161



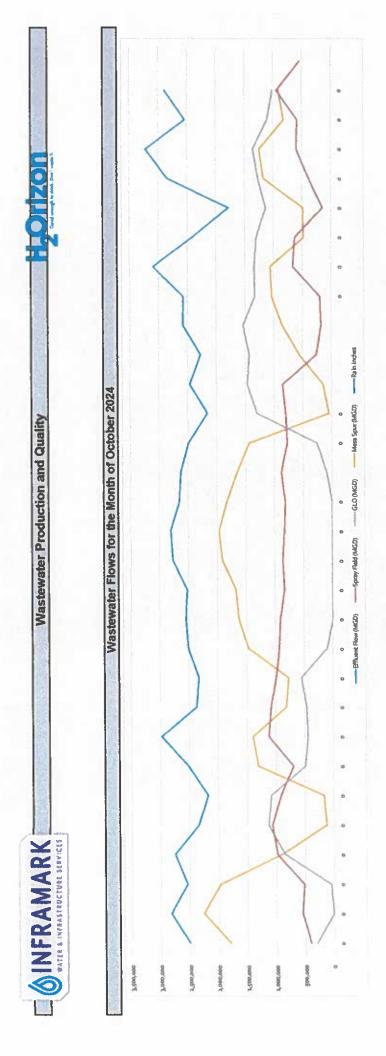
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Water Production and Quality

Monitoring	1.69		CL2 FREE			program digitalization of support for the substitute of the state of t		1 / 7	>							Nov-23 Dec-33 Jan-24 Feb-24 Mar-24 Apr-24 May-24 Jun-24 Jul-24 Aug-24 Sep-24 Oct-24
Water Quality Monitoring	Current Annual CL2 Avg	nts Min 02	CL2	1.77 1.50	1.75	2.23 1.76	1.76	1.56	1.93	1.35	-24 2.03	1-24 1.67	1-24 1.62	3-24 1.61	1.71	Oct-24 1.63 Dec-33
		Requirements	Date	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	70 10



11/28/2023 13904 205,157 116,936 af Facilities 55,000 38,000 12/14/2023 13904 205,157 116,936 65,000 23,221 12/14/2023 13904 181,634 86,000 65,000 23,221 1/24/2024 14006 179,754 88,060 66,000 26,294 2/22/2024 13367 179,386 80,938 65,000 26,294 3/28/2024 14138 163,758 89,077 53,000 28,664 4/25/2024 14238 207,809 100,281 66,000 21,681 6/27/2024 14241 211,477 136,503 44,000 30,974 8/22/2024 14400 235,618 131,717 70,000 36,901 8/22/2024 14476 199,222 116,542 10,425 50,000 20,000 9/26/2024 14534 216,997 124,165 17,832 56,000 20,000 10/24/2024 14534 216,997 124,165 17,832<			Total Total	Dummond Minter	Cold (4000)	District use	Flushing System	Gale Inse (-)	Water loss %	
11/28/2023 13904 205,157 116,936 55,000 12/14/2023 13904 181,634 86,000 65,000 1/24/2024 14006 179,754 88,060 65,000 2/22/2024 13424 170,930 72,266 68,000 3/28/2024 14138 163,758 89,077 53,000 6/27/2024 14241 211,477 136,503 44,000 6/27/2024 14356 240,929 138,592 65,000 6/27/2024 14400 235,618 131,717 70,000 8/22/2024 14476 199,222 116,542 10,425 50,000 11/24/2024 14531 216,997 20,000 56,000 25,000	Молш	Monu	Confineducin Lotar	Lauran madium	(anni) pios	at Facilities	marcío filment			
12/14/2023 13904 181,634 86,000 65,000 1/24/2024 14006 179,754 88,060 60,000 2/22/2024 13367 179,386 80,938 65,400 3/28/2024 13424 170,930 72,266 68,000 4/25/2024 14138 163,758 89,077 53,000 6/27/2024 14238 207,809 100,281 66,000 6/27/2024 14241 211,477 136,503 44,000 8/22/2024 14400 235,618 131,717 70,000 8/22/2024 14476 199,222 116,542 50,000 11/21/2024 14531 216,997 17,4165 17,832 55,000	September 23	11/28/2023	13904	205,157	116,936		55,000	38,000		
1/24/2024 14006 179,754 88,060 60,000 2/22/2024 13367 179,386 80,938 65,400 3/28/2024 13367 170,930 72,266 68,000 4/25/2024 14138 163,758 89,077 53,000 5/23/2024 14238 207,809 100,281 66,000 6/27/2024 14241 211,477 136,503 44,000 8/22/2024 14400 235,618 131,717 70,000 9/26/2024 14476 199,222 116,542 50,000 11/21/2024 14531 216,997 17,435 56,000	October 23	12/14/2023	13904	181,634	86,000		000'59	23,221	17.0%	
2/22/2024 13367 179,386 80,938 65,400 3/28/2024 13424 170,930 72,266 68,000 4/25/2024 14138 163,758 89,077 53,000 5/23/2024 14238 207,809 100,281 66,000 6/27/2024 14241 211,477 136,503 44,000 7/25/2024 14400 235,618 131,717 70,000 9/26/2024 14476 199,222 116,542 10,425 50,000 10/24/2024 14531 216,997 124,165 17,832 55,000	November 23	1/24/2024	14006	179,754	88,060		000'09	35,634	11.0%	
3/28/2024 13424 170,930 72,266 68,000 3 4/25/2024 14138 163,758 89,077 53,000 2 5/23/2024 14238 207,809 100,281 66,000 6 6/27/2024 14241 211,477 136,503 44,000 6 7/25/2024 14356 240,929 138,592 65,000 6 8/22/2024 14400 235,618 131,717 70,000 7 9/26/2024 14476 199,222 116,542 10,425 50,000 2 11/21/2024 14531 216,997 124,165 17,832 55,000 2	December 23	2/22/2024	13367	179,386	80,938		65,400	26,294	19.0%	
4/25/2024 14138 163,758 89,077 53,000 2 5/23/2024 14238 207,809 100,281 66,000 2 6/27/2024 14241 211,477 136,503 44,000 3 7/25/2024 14356 240,929 138,592 65,000 3 8/22/2024 14400 235,618 131,717 70,000 3 9/26/2024 14476 199,222 116,542 10,425 50,000 2 10/24/2024 14531 216,997 124,165 17,832 55,000 2 11/21/2024 14585 205,000 56,000 56,000 2	January 24	3/28/2024	13424	170,930	72,266		68,000	30,448	14.0%	
5/23/2024 14238 207,809 100,281 66,000 2 6/27/2024 14241 211,477 136,503 44,000 5 7/25/2024 14356 240,929 138,592 65,000 55,000 8/22/2024 14400 235,618 131,717 70,000 70,000 9/26/2024 14476 199,222 116,542 10,425 50,000 25,000 10/24/2024 14531 216,997 124,165 17,832 55,000 26,000	February 24	4/25/2024	14138	163,758	720'68		53,000	28,664	16.0%	
6/27/2024 14241 211,477 136,503 44,000 7/25/2024 14356 240,929 138,592 65,000 3 8/22/2024 14400 235,618 131,717 70,000 3 9/26/2024 14476 199,222 116,542 10,425 50,000 3 10/24/2024 14531 216,997 124,165 17,832 55,000 2 11/21/2024 14585 205,870 111,875 20,000 56,000	March 24	5/23/2024	14238	207,809	100,281		000'99	21,681	13.0%	
7/25/2024 14356 240,929 138,592 65,000 3 8/22/2024 14400 235,618 131,717 70,000 2 9/26/2024 14476 199,222 116,542 10,425 50,000 2 10/24/2024 14531 216,997 124,165 17,832 55,000 2 11/21/2024 14585 205,870 111,875 20,000 56,000	April 24	6/27/2024	14241	211,477	136,503		44,000	30,974	14.0%	
8/22/2024 14400 235,618 131,717 70,000 9/26/2024 14476 199,222 116,542 10,425 50,000 2 10/24/2024 14531 216,997 124,165 17,832 55,000 2 11/21/2024 14585 205,870 111,875 20,000 56,000	May 24	7/25/2024	14356	240,929	138,592		000'59	37,300	15.0%	
9/26/2024 14476 199,222 116,542 10,425 50,000 10/24/2024 14531 216,997 124,165 17,832 55,000 11/21/2024 14585 205,870 111,875 20,000 56,000	June 24	8/22/2024	14400	235,618	131,717		70,000	36,901	14.0%	
10/24/2024 14531 216,997 124,165 17,832 55,000 11/21/2024 14585 205,870 111,875 20,000 56,000	July 24	9/26/2024	14476	199,222	116,542	10,425	20,000	22,255	11.0%	
11/21/2024 14585 205 870 111 875 20 000 56 000	August 24	10/24/2024	14531	216,997	124,165	17,832	55,000	20,000	%0.6	
20010	September 24	11/21/2024	14585	205,870	111,875	20,000	26,000	17,995	8.0%	



									only applies if discharge			
PERCENT	84.5%	23.8%	23.1%	37.6%								
COMPLIANT	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ACTUAL	2.534	0.713	0.693	1,127	0.000	6.7	12.9	0.2 0.51	7-30	2,2	7 10	7.41
Eff.								9.0		977		
DISCHARGE	m	m	m	m		10	15	lud	3	126	6.0	0.6
	MGD	MGD	MGD	MGD		mg/L	mg/L	mg/L	mg/IL	CFU	STINU GTS	STD UNITS
	Avg. Treated Flow	Avg. Sprayfield Flow	Avg. GLO Flow	Avg. Mesa Spur Flow	Avg. Other Flow	Avg. cBOD	Avg. TSS	Avo. Ammonia Nitrogen NH3	Ave DO	E. coli Bacteria	MIN. PH	MAX PH



Date: 11/11/2024

Re: Operations Report for October, 2024

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 #2	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	One pump working/ one pump in shop.
Kenazo Lift Station #2	Fully operational
Summer Sky Lift station	Fully operational
Hazlewood Lift Starion	Fully operational
Desert Point Lift Station	Fully operational.
Holy spirit Lift station	Fully operational
	ob

Tanks

GST 1	Online With distribution system.
GST 2	Online with the distribution system.
GST 3	One pump running / waiting on parts for second pump.
GST 4	Online with the distribution system
GST 5	Online with the distribution system.
RWT #1	Online and feeding the RO plant.
EST 1	Online with the distribution system
EST 2	Online with the distribution system.
EST 3	Online with the distribution system.
EST 4	Online with the distribution system.
EST 5	Online with the distribution system.

Wastewater Treatment Plant

- 6 blowers are up and running.
 Hauled 20 loads of sludge.
- o GLO operational
- o GC operational

Water Wells

Well I operational.

Well 2 operational

Well 3 operational

Well 4 operational

Well 5 operational

Well 6 operational

Well 7 operational

Well 8 operational

Well 10 operational

Well 11 operational / high TDS

Pump Station 2

No change in status.

Pump Station 3

Operational

Pump Station 4

Operational.

Pump Station 1

Operational

RO Plant

Operational

RO A, B, C, and D. Trains are up and running. Concentrators are up.

Aldo Navarrete, Operations Manager.





MEMORANDUM

Via E-Mail

TO:

Horizon Regional Municipal Utility District

Board of Directors

FROM:

Linda Troncoso, P.E.

DATE:

December 5, 2024

SUBJECT:

December 5, 2024 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 it since the District's last regular Board meeting.

Service Commitments Currently Under Review

See attached summary.

Pians 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.

Jordan-Foster Construction began the construction of Horizon Boulevard in January and is scheduled to begin the reconstruction of Darrington on soon. The Town has entered into an interlocal agreement with the District to add the wastewater line extension needed for their new municipal facilities in Darrington to the Darrington wastewater project with the Town would pay TxDOT directly for the change order related to the line.

TRE is also coordinating with the Town's consultant for the design of roadways within the Transit Oriented Development area near Darrington which will include the extensions of water and wastewater infrastructure.



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County Roadway Projects

Coordination with the County and the Camino Real Regional Mobility Authority is ongoing for upcoming projects. The County has proposed to enter into an interlocal agreement with the District to extend a 12" waterline from Paseo del Este to Pellicano within Darrington (paid by the County) with the District completing the loop from the Pellicano / Darrington intersection to the intersection of River Sky and Pellicano. The two sets of plans would be combined and bid as one package with the County paying for their pro-rata portion. The County is currently confirming funding ability.

Elevated Storage Tanks and Water Model Update

EST-5 is online with the system and TRE is currently coordinating with HCIA for a tank location for EST-6.

4.2 MGD RO Plant Expansion and Permit Amendment

Construction began in late October with completion scheduled in January.

Ground Storage Feedwater Tank #2 was awarded in April. Tank construction is scheduled to begin in January with substantial completion by May 2025.

Structural, electrical, and SCADA design are underway now for the RO Plant and BPS-5. TRE will meet with Inframark in December to review the 90% set of plans in preparation for bidding in January 2025.

RO Concentrate Disposal Management

The draft permit for the RO Concentrate disposal was received on September 10, 2024. Documents related to the financial guarantee which are required for the issuance of the final permit are on the agenda for approval at this BOD meeting. TRE began designing the concentrate disposal system on June 19th. Uranium removal will be required for injection of the concentrate. TRE is coordinating with the TCEQ for approval of a bench test in lieu of a pilot study to verify the uranium removal methodology.

Wastewater Treatment Plant Expansion Design and Major Permit Amendment

TRE is underway with the design for the WWTP to be expanded to 5.0 MGD at the current treatment plant location. The site layout is being designed currently to accommodate future expansions (up to 7.0 MGD) and is coordinating with Inframark regarding the specification of individual plant components. Design of structural, electrical, and SCADA components are underway now. TRE will meet with Inframark in December to review the 90% set of plans in preparation for bidding in January 2025.

The WWTP permit was received on June 12, 2024. TRE has submitted a minor amendment to the TCEQ to remove the dichlorination requirement. The draft permit for the amendment was received in August and minor comments have been provided to the TCEQ for final

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adoption. The public comment period for the minor amendment expires on December 23, 2024, after which the final permit should be issued.

Horizon Boulevard 16-inch Waterline - RO Plant to GST4B

Installation of the 16-inch water line is underway. Construction is approximately 10% complete.

GST-3B and GST-4B

GST 3-B and 4-B were awarded to CMD Endeavors at the November special board meeting and contracts are being executed now.

BPS-3B

TRE has completed the design of BPS-3B and the structural and electrical designs are being finalized at this time. New Scada components and telemetry will be included to connect to the new SCADA system at the RO Plant.

Horizon View Estates Wastewater System Improvements

TRE has completed the preliminary alignment of the wastewater system and is preparing the plan and profile sheets for the wastewater lines and the layout of each individual septic tank on each property. A 30% set will be reviewed with the engineering committee in February.

RO Header Piping Repair

Wyler industrial is currently repairing the header piping on RO Train D.

Water System SCADA Control Upgrade

The SCADA control system needs replacement as many of the hardware components are no longer available. This is a specialized design and equipment service which is not conducive to a competitive bidding process. The District has coordinated with ESS locally and reviewed the system requirements for a standardized SCADA control system. A proposal with various options is on the agenda for this board meeting for consideration.

Linda Troncoso will be at the December 5th 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. Frank Ortiz, P.E.; TRE & Associates, LLC

Mr. Ricardo Felix, P.E., TRE & Associates, LLC

Mr. Adrian H. Rosas, P.E.; TRE & Associates, LLC

TRE & ASSOCIATES, LLC (revised 12/5/2024) COMMITMENT APPLICATIONS

Job#	Job Title	Date Received	Additional Info Request	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Comments
1277- 12566	661 Kenazo Dr Pecan Manufacturing Warehouse	10/22/2024			600	600	Under review
1277- 12573	Circle K S. Darrington Rd.	11/14/2024					Under review
1277- 12574	RDB17	11/19/2024			101	101	Under review

TRE & ASSOCIATES, LLC (revised 12/5/2024) HR - CONSTRUCTION REVIEW

Job#	Job Title	Commitment Letter Released	Plans Received	Plan Comments Sent	Plan Approval	Comments
1277- 12426	SCI Horizon City Funeral Home	10/13/2023	6/12/2024 1st 10/22/2024 2nd	6/18/2024 1st 11/13/2024 2nd		awaiting revised plans
1277- 12050	El Paso Hills Replat B	12/1/2022	1/25/2024 1st 7/23/2024 2nd	2/28/2024 1st 8/13/2024 2nd		awaiting revised plans
1277- 12470	14861 Gateway West Blvd- H2O	2/13/2024	2/9/2024	2/22/2024		awaiting revised plans
1277- 12491	Old Dominion Freight Line	3/28/2024	7/1/2024 1st 12/4/2024 2nd	7/17/2024 1st 12/4/2024 2nd		awaiting revised plans
1277- 12492	14795 Breaux St Sprinkler System	3/19/2024	4/15/2024 1st 8/24/2024 2nd 9/24/2024 3rd 11/6/2024 4th 11/26/2024 5th	4/23/204 1st 8/23/2024 2nd 10/14/2024 3rd 11/13/2024 4th 12/5/2024 5th		awaiting revised plans
1277- 12503	Town of Horizon City Courthouse	4/17/2024	6/24/2024 1st 7/17/2024 2nd 10/14/2024 3rd 11/19/2024 4th	7/3/2024 1st 10/3/2024 2nd 11/13/2024 3rd		Under review
1277- 12508	1524 Pawling	5/21/2024	5/17/2024 1st 11/13/2024 2nd	6/3/2024 1st 12/4/2024 2nd		awaiting revised plans
1277- 12551	Circle K 14272 Eastlake Blvd.	10/3/2024				awaiting plans
1277- 12561	Verdancia Unit One (VN1)	11/1/2024	10/29/2024 1st 11/8/2024 2nd 11/12/2024 3rd 11/19/2024 4th 12/3/2024 5th	10/29/2024 1st 11/8/2024 2nd 11/20/2024 3rd 11/19/2024 4th 12/4/2024 5th		awaiting revised plans





TRE & ASSOCIATES, LLC (revised 12/4/2024) CONSTRUCTION OBSERVATION

Job#	Job Title	Plan Approval	Construction Start Date	Comments	
1277-12011	Horizon Mesa Self Storage	10/26/2021		awaiting construction start	
1277-12152	905 Linwood	4/5/2022		awaiting construction start	
1277-12201	14861 Horizon Blvd	6/17/2022		awaiting construction start	
1277-12236	15071 Horizon Blvd	6/2/2022		awaiting construction start	
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	9/28/2022	10/6/2022	under construction	
277-12296	Horizon Crossing Unit 3	10/10/2022	3/23/2023	under construction	
1277-12051	Polar Services Center	1/10/2023(Pre- treatment/Imps 6/14/2023		awaiting construction start	
1277-12356	Summer Sky North Unit 2 Phase I	2/7/2023	11/6/2023	under construction	
1277-12288	Kenazo Estates Unit Two	6/16/2023	12/1/2023	awaiting acceptance	
1277-12406	Desert Breeze Unit 3	9/5/2023		awaiting construction start	
1277-12363	Circle K	1/23/2024		under construction	
1277-12479	First Light FCU - 15002 Darrington Rd	4/25/2024 5/20/2024		under construction	
1277-12473	Rancho Desierto Bello 16	4/25/2024		under construction	
1277-12352	14308 Rudi Kuefner	6/6/2024	9/18/2024	under construction	
1277-12506	13933 Paseo Central	6/18/2024		awaiting construction start	
1277-12485	Richland (316, 324, 322, 340)	8/8/2024		awaiting construction start	
1277-12486	15420 Horizon Blvd	5/6/2024	7/1/2024	awaiting construction start	

TRE & ASSOCIATES, LLC (revised 12/4/2024) HR - APPROVED UTILITY SERVICE COMMITMENTS

Job#	Job Title	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Plan Approval	Comments
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	1/10/2023 (Pre- Treatment) /Imps 6/14/2023	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
1277-12201	14861 Horizon Blvd.	4/11/2022	0	1	6/17/2022	approved
1277-12236	15071 Horizon Blvd	5/11/2022	0	1	6/2/2022	approved
1277-12288	Kenazo Estates Unit Two	9/28/2022	0	0	6/16/2023	approved
1277-12296	Horizon Crossing Unit 3	10/4/2022	0	0	10/10/2022	approved
1277-12350	Summer Sky North Unit 2 Phase II	3/23/2023	134	134	8/9/2023	under construction
1277-12356	Summer Sky North Unit 2 Phase I	3/23/2023	158	158	2/7/2023	under construction
1277-12360	Morningside Trail	4/4/2023	0	1	4/5/2023	approved
1277-12363	Circle K	4/10/2023	10	10	1/23/2024	under construction
1277-12352	14308 Rudi Kuefner	3/7/2023	-1	1	6/6/2024	under construction
1277-12406	Desert Breeze Unit 3	8/8/2023	65	65	9/5/2023	approved
1277-12426	SCI Horizon City Funeral Home	10/13/2023	18	18		under review
1277-12470	14861 Gateway West Blvd	2/13/2024	8	8		awaiting plan resubmittal
1277-12474	Rancho Desierto Bello 16	2/26/2024	74	74	4/25/2024	under construction
1277-12486	15420 Horizon Blvd	3/12/2024	0	0	5/6/2024	awaiting construction start
1277-12485	Richland (316, 324, 322, 340)	3/12/2024	4	0	8/8/2024	awaiting construction start
1277-12479	First Light FCU - 15002 Darrington Rd	3/12/2024	8	8	4/25/2024	under construction
1277-12491	Old Dominion Freight Line	3/28/2024	22	22		awalting plan submittal
1277-12492	14795 Breaux St Sprinkler System	4/18/2024	8	8		under review
1277-12503	Town of Horizon City Courthouse	4/19/2024	8	8		under review
1277-12506	13933 Paseo Central	5/6/2024	19	19	6/18/2024	awaiting construction start
1277-12508	1524 Pawling	5/21/2024	7	7		under review
1277-12551	Circle K 14272 Eastlake Blvd.	10/3/2024	10	10		awaiting plan submittal
1277- 12561	Verdancia Unit One (VN1-VN3)	11/1/2024	428	428		under review

TOTAL OUTSTANDING COMMITMENTS

1004

1027