

**MINUTES OF A REGULAR MEETING
OF THE BOARD OF DIRECTORS
HORIZON REGIONAL M.U.D.**

A regular meeting of the Board of Directors of the Horizon Regional M.U.D. was held on Thursday, June 29, 2023, 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 consultants: Inframark Account Manager - Charlie McGinnis, Administrative Assistant III - Veronica Saucedo. District Attorney - Alan Petrov. TRE & Associates Inc. - Linda Troncoso, Tom Urrabazzo, Frank Ortiz, Marco Meza. El Paso Disposal - Lorena Quezada. P & Q Utilities – Emma Hinojos. 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 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 May 31, 2023.
- 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 on Regular Board Meeting Minutes for March 23, 2023 and Special Board Meetings on April 6, 2023 and April 21, 2023.
- E: Consider and Take Action on Pay Estimate No. 6 for Summer Sky North Unit One Drainage, Water and Wastewater Improvements Phase I.
- F: Consider and Take Action on Pay Estimate No. 17 and 18 for Elevated Storage Tank No. 5.
- G: Consider and Take Action on Pay Estimate No. 11 for Sludge Digester Repairs.
- H: Consider and Take Action on Pay Estimate No. 1 for Summer Sky North Unit I Phase 2.

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.**

Ms. Linda Troncoso informed the Board of Directors that they have received verbal confirmation from the Texas Water Development Board stating they had everything they need including the Environmental Documents, all of their questions have been answered and the letter approving to move forward with design is forthcoming within the next couple weeks.

No Action Necessary.

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

Mr. McGinnis explained to the Board, the air conditioner in the main office/lobby broke down and needed to order another unit in emergency due to the high heat and will present invoice to the Board at the next special meeting in the amount of \$23,815.00. He explained they were unable to get parts for the old unit because it is a 12-year-old unit and they were obsolete. Mr. McGinnis also presented the Management and Operations report and set new calendar. Mr. McGinnis reported 12 gate valves had been replaced on the side streets along Darrington to anticipate the big projects coming on Darrington. Director Jarvis commented he drove by and noticed the bonnet box sitting on top a pile of dirt and is concerned that once it is paved in 2-sac the first bit of traffic will push the bonnet box into the dirt it is sitting on top of and pop it off because it is sitting on softer dirt. Director Jarvis stated they should have at least the rim of the bonnet box sitting on top of 2-sac. Ms. Linda Troncoso also had a question, stated that they did not expect for construction to begin for another 6 months and wanted to know if these valves were just going to sit on the 2-sac? Mr. McGinnis stated they were going to leave it that way but would have it paved in the meantime and would reach out to Michelle with the Town of Horizon. Director Jarvis stated for that period of time and being Darrington is a high traffic area it would be best to pave them.

Mr. McGinnis also reported payment for Moonlight was submitted timely but came back NSF. Director Jarvis asked Mr. Alan Petrov what steps would the Board need to take to document the issues with the lease with Moonlight? Mr. Petrov stated the Board would need to figure out what they want to do because the lease might have expired. He also stated the Board should put in writing as a sort of warning since there have been two back to back checks that have been returned NSF stating if they have another bad check would

only be able to make payments with cashier's checks.

See attached report.

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

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

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

Ms. Linda Troncoso discussed and presented the current service commitment applications and construction activity, then presented a summary of the Engineer's Report. Ms. Troncoso stated that everything was going well with the 16" transmission line from Ashford to N. Kenazo.

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.

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

Mr. Luis Delgadillo was not present but Director Barton presented a short report on his behalf.

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

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

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

Mrs. Emma Hinojos reported from May 31st to June 29th their whole sales were \$85,467.73 and net sales were \$81,600.00. Mrs. Hinojos reported she has been busy with several events scheduled and coming up. Mrs. Hinojos asked who would be responsible for providing the chemicals for the pool and Director Jarvis replied that was 100% the responsibility of Moonlight.

Director Barton made a motion to approve the report from Moonlight P & Q LLC and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

11. **CONSIDER AND TAKE ACTION ON CHANGE ORDER FOR AIR DROPS FOR DIGESTER REPAIRS.**

Ms. Troncoso reported in Digester B that is under repair, they had a 4” air pipe that was submerged and has now been cleared and they have determined it is in disrepair and corroded and needs to be replaced including the air drops and rewelding in place. The change order is in the amount of \$12,670.00 for the replacement of the 4” air pipe.

Director Thomas made a motion to approve Change Order No.6 in the amount of \$12,670.00 for air drops for digester repairs and was seconded by Director Barton.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

12. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 4 (final) FOR GLO TREATED EFFLUENT LIFT STATION.**

Ms. Troncoso reported the lift station is up and running, operators are happy with it and recommends approval.

Director Barton made a motion to approve Pay Estimate No. 4 in the amount of \$410,417.94 for GLO treated effluent lift station and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

13. **CONSIDER AND TAKE ACTION ON ACCEPTANCE OF GLO TREATED EFFLUENT LIFT STATION FOR OPERATIONS AND MAINTENANCE.**

Director Barton made a motion to approve the acceptance of GLO treated effluent lift station for operations and maintenance and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

14. **CONSIDER AND TAKE ACTION ON PAY ESTIMATE No. 19 (final) FOR ELEVATED STORAGE TANK No. 5.**

Ms. Troncoso requested item be tabled.

Item tabled.

15. **CONSIDER AND TAKE ACTION ON ACCEPTANCE OF ELEVATED STORAGE TANK No. 5 FOR OPERATIONS AND MAINTENANCE.**

Ms. Troncoso requested item be tabled.

Item tabled.

16. CONSIDER AND TAKE ACTION ON HYDRO STOPS FOR HORIZON BLVD WATER MAIN.

Ms. Troncoso reported to the Board as discussed previously the addition of putting in additional valves along Darrington, they are doing the same on Horizon Blvd. They will be doing line stops so they can take segments of Horizon Blvd offline to connect the system to the new line and demolish the old line. Inframark solicited pricing and received 2 quotes with the lowest coming from Mickie Service Company in the amount of \$30,950.00.

Director Thomas made a motion to approve the purchase and installation of hydro stops for Horizon Blvd and was seconded by Director Barton.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

17. CONSIDER AND TAKE ACTION FOR SERVICE FOR 332 SPANAWAY.

Ms. Troncoso explained this to the Board the completion of the applicant's service line would be 620 feet, which would exceed the 600-foot length required for anyone installing waterline to loop. Ms. Troncoso is seeking the Boards permission/authorization/approval to allow the installation of 620 feet. Director Jarvis added this was very close within 20 feet of what is normally done and the difference in price would be huge for an individual property owner. Ms. Troncoso stated it would be an extra 1200 feet and would triple the cost of their installation.

Director Barton made a motion to allow service connection to 332 Spanaway and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

18. **CONSIDER AND TAKE ACTION ON TEXAS GAS ENCROACHMENT OF EASEMENT.**

Ms. Troncoso reported as part of the Darrington Road Project, Texas Gas has a high-pressure gas line and a number of gas lines that run for miles. She stated, Texas Gas has a right away that predated many of the roadways that exist and in order for The District to cross their gas lines they would need to consent to encroach their gas right away and the document presented is the encroachment consent.

Director Barton made a motion to approve the encroachment agreement with Texas Gas and was seconded by Director Thomas.

All in favor: 3 ayes
Opposed: 0 none

Motion passed to approve.

19. **CONSIDER AND TAKE ACTION FOR EXHAUST FAN FOR RO CONCENTRATOR.**

Mr. McGinnis reported the RO Concentrator building is having issues with controls on the main unit, it's getting too hot and Mr. McGinnis requested prices and received 3 quotes with the lowest being Copper Tail LLC in the amount \$18,700.00 and recommends going with Copper Tail. Director Jarvis asked what the exclusions meant on the quote "Control wiring and local remote stations" and Mr. McGinnis said he would ask and find out for sure because the way it was explained to him it would include everything.

Director Barton made a motion to approve the purchase and installation of exhaust fans at the RO Concentrator from Copper Tail LLC in the amount of \$18,700.00 and was seconded by Director Thomas.

All in favor: 3 ayes

Opposed: 0 none

Motion passed to approve.

20. **EXECUTIVE SESSION, AS NECESSARY.**

No executive session necessary.

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

Mr. McGinnis had one item, he reported to the Board that the Turbidex was having issues and had received a quote from RM Wright in the amount of \$18,390.00 and told Randy he would speak to the Board. The quote is to replace a 10-inch PVC T and an existing 16 X 10 PVC T it would take over a month to get it HTPE so as a result in the interest of time RM Wright proposes to remove existing PVC T's and replace with in-house fabricated temporary T's made of steel. The work would take two days to fabricate and the T's and two to three days to install on sight. Mr. McGinnis stated they were going to try & get other pricing to see if someone else can do it cheaper.

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 7:15 p.m.

READ, APPROVED AND ADOPTED THIS 26th DAY of October 2023.

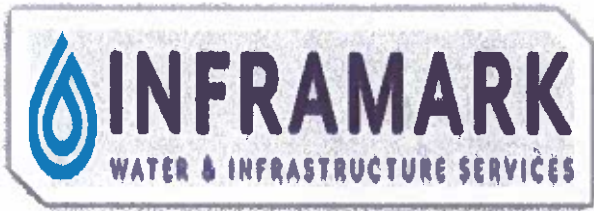


GORDON JARVIS, PRESIDENT
Board of Directors
Horizon Regional M.U.D.



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

CM/VS



**Horizon Regional MUD
General Manager Reports for the month of
May 2023
Board Meeting Date: 6-29-2023**

Reviewed By: Carlos McGinnis
6/29/2023



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: 6/29/23

Memorandum for: Board of Director's Horizon Regional MUI

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) GLO Lift Station is back online
- c)

2) Distribution System – Billing

- a) Using new Meters for change outs and new connections
- b) 12 Gate Valves were replaced on side streets on Darrington.
- c) Leak report is attached

3) Collection System

- a) Lift Stations are all operational.
- b)

4) Ponds

- a) RO Ponds are holding.
- b)

5) Construction

- a) Construction started on Monday June 26 on New 16" Water Line
- b)

6) Customer Care

- a) Assisted 4 Customers with payment plans.
- b) 77 Disconnections were done.

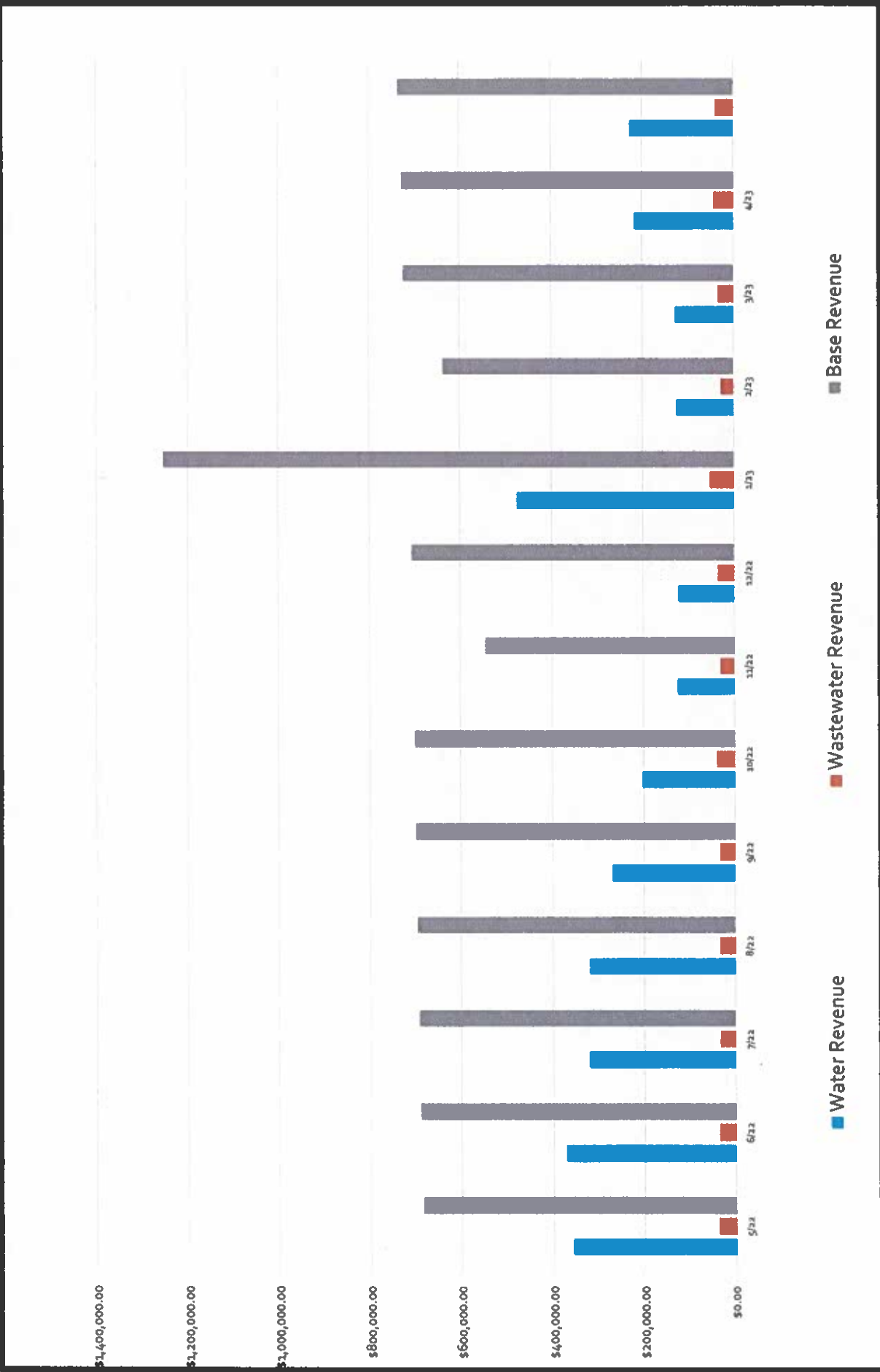
7) Moonlight Lease

- a) June payment was submitted timely but came back Non sufficient funds was paid with cashier check.

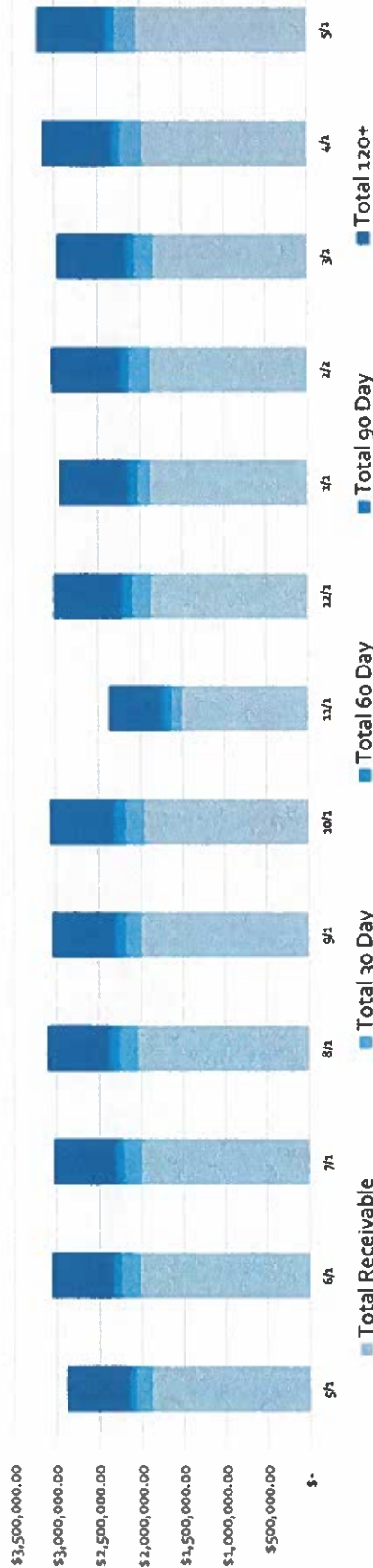
Billing Summary

Description	Connections	
	May-22	May-23
Residential	12,494	13,219
Commercial	249	255
Irrigation	57	70
School	20	24
Municipal	16	18
Church	12	12
Bulk Meter	36	29
Total Number of Accounts Billed	12,884	13,627
	Consumption	
Residential	99,014,400	90,759,900
Commercial	7,067,700	4,112,600
Irrigation	4,347,500	8,355,500
School	1,932,300	1,269,100
Municipal	1,301,700	1,822,300
Church	1,153,000	58,700
Bulk Meter	2,196,500	1,486,100
Total Gallons Consumed	117,013,100	107,864,200
	Average Consumption	
Residential	5,556	6,866
Commercial	15,474	16,128
Irrigation	23,596	119,364
School	13,395	52,879
Municipal	11,900	101,239
Church	11,267	4,891.67
Bulk Meter	51,359	51,245
Avg Water Use for Accounts Billed	9,082	7,915
Total Billed	\$ 981,185	\$ 1,006,352
Total Aged Receivables	\$ 892,894	\$ 1,037,042
Total Receivables	\$ 1,874,079	\$ 2,042,394

12 Billing Month History Revenue by Category



12 Month Accounts Receivable and Collections Report



Date	Total Receivable	Total 30 Day	Total 60 Day	Total 90 Day	Total 120+
May-22	\$ 1,874,079.57	\$ 197,287.37	\$ 64,578.63	\$ 16,799.24	\$ 721,239.50
Jun-22	\$ 2,020,620.46	\$ 226,445.16	\$ 67,429.82	\$ 16,754.16	\$ 720,798.42
Jul-22	\$ 2,000,354.05	\$ 209,579.87	\$ 72,184.90	\$ 16,543.31	\$ 728,479.80
Aug-22	\$ 2,045,034.95	\$ 215,254.55	\$ 86,437.91	\$ 19,396.64	\$ 731,095.88
Sep-22	\$ 1,988,749.11	\$ 192,801.96	\$ 94,129.34	\$ 25,073.53	\$ 788,023.86
Oct-22	\$ 1,953,972.50	\$ 229,150.80	\$ 97,467.66	\$ 36,880.64	\$ 751,788.05
Nov-22	\$ 1,508,346.43	\$ 119,949.82	\$ 81,598.41	\$ 34,590.80	\$ 620,670.19
Dec-22	\$ 1,864,893.63	\$ 234,992.69	\$ 95,320.88	\$ 34,963.78	\$ 778,677.86
Jan-23	\$ 1,881,203.33	\$ 151,491.07	\$ 83,009.17	\$ 33,024.33	\$ 782,288.63
Feb-23	\$ 1,890,020.19	\$ 252,890.89	\$ 78,856.08	\$ 21,919.65	\$ 800,043.52
Mar-23	\$ 1,837,092.90	\$ 229,234.52	\$ 78,427.61	\$ 21,826.67	\$ 800,065.06
Apr-23	\$ 1,970,103.48	\$ 265,646.23	\$ 74,047.25	\$ 21,941.54	\$ 804,576.93
May-23	\$ 2,042,394.49	\$ 251,312.28	\$ 82,409.32	\$ 22,761.10	\$ 808,370.67

Board Consideration to Write Off \$29.33
 Board Consideration Collections \$5,544.63

Delinquent Letter Mailed 802
 Delinquent Tags Hung N/A
 Disconnects for Non Payment 77

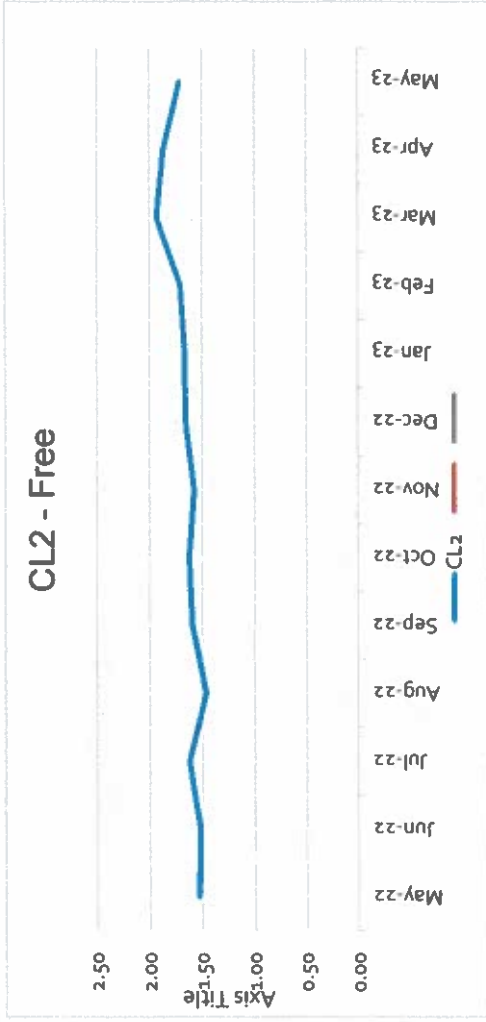


Water Production and Quality

Water Quality Monitoring

Current Annual CL2 Avg

Requirements	Min .02	CL2
Date		
May-22	1.53	
Jun-22	1.52	
Jul-22	1.62	
Aug-22	1.46	
Sep-22	1.59	
Oct-22	1.62	
Nov-22	1.57	
Dec-22	1.65	
Jan-23	1.66	
Feb-23	1.70	
Mar-23	1.93	
Apr-23	1.86	
May-23	1.71	

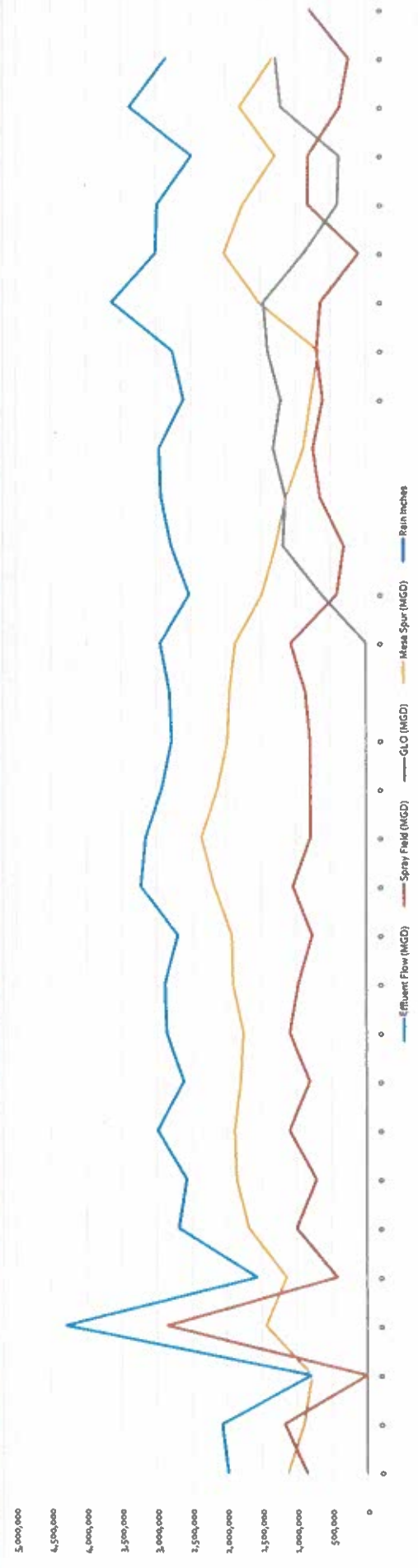




Month	Month	Connection Total	Pumped Water	Sold (1000)	Flushing/District	Gal.s Loss (-)	Water loss %
May 22	6/30/2022	12921	173,030	132,529	40,500	13,290	7.8%
June 22	7/30/2022	12956	154,724	122,468	30,500	10,001	6.0%
July 22	8/25/2022	13069	119,789	115,234	22,000	10,256	6.6%
August 22	9/22/2022	12909	112,123	107,704	2,000	2,555	2.0%
September 22	10/27/2022	13133	154,724	122,468	2,000	2,419	2.0%
October 22	11/30/2022	13150	117,209	91,389	22,000	10,256	6.6%
November 22	12/15/2022	13298	93,265	64,975	14,000	12,000	10.0%
December 22	1/23/2023	13371	112,357	75,692	27,000	9,665	8.0%
January 23	2/23/2023	13371	133,617	81,006	35,000	17,611	13.0%
February 23	3/23/2023	13424	115,355	72,266	32,000	11,089	9.0%
March 23	4/27/2023	13509	128,475	82,549	33,000	12,926	10.0%
April 23	5/25/2023	13536	120,193	104,443	10,000	5,750	4.0%
May 23	6/29/2023	13627	119,067	107,864	9,000	2,203	2.0%



Wastewater Flows for the Month of April 2023



Wastewater Treatment Permit Summary - Month of April 2023

	DISCHARGE	EFF.	ACTUAL	COMPLIANT	PERCENT
Avg. Treated Flow	MGD	3	2.670	Yes	89.0%
Avg. Sprayfield Flow	MGD	3	0.787	Yes	26.2%
Avg. GLO Flow	MGD	3	0.420	Yes	14.0%
Avg. Mesa Spur Flow	MGD	3	1.570	Yes	52.3%
Avg. Other Flow			-0.107	N/A	
Avg. cBOD	mg/L	10	2.8	Yes	
Avg. TSS	mg/L	35	5.7	Yes	
Avg. Ammonia Nitrogen NH3	mg/L	3	0.2	Yes	
Avg DO	mg/L	10	8.50	Yes	
E. coli Bacteria	CFU	116	9.6	Yes	
MIN. PH	STD UNITS	6.0	6.80	Yes	
MAX. PH	STD UNITS	9.0	7.70	Yes	

only applies if discharge

Inframark

Leak Report For May

June/28//2023

Address	Date	Street	Meter	Repaired	Comments
14301 Desierto Bello	5/1/2023	X		X	Replaced with copper
14629 Valentin	5/1/2023	X		X	Replaced with copper
375 Brill	5/2/2023		X	X	Replaced with copper
14436 Corby	5/4/2023		X	X	Replaced with copper
1417 O'sullivan	5/9/2023		X	X	Replaced with copper
13279 Imogene	5/9/2023		X	X	Replaced with copper
1221 Iguana	5/9/2023		X	X	Replaced with PVC
1220 Magiore	5/9/2023		X	X	Replaced with copper
14736 Far View	5/9/2023	X	X	X	Replaced with copper
733 Cora Ruecker	5/10/2023	X		X	Replaced with copper
741 Desert Star	5/10/2023	X		X	Replaced with copper
305 Elsworth	5/11/2023	X		X	Replaced with copper
13718 Paseo Las Nubes	5/15/2023	X		X	Replaced with PVC
Horizon High School	5/15/2023		X	X	Replaced with copper
440 Reilly Ln	5/16/2023	X		X	Replaced with copper
13496 Horizon Blvd	5/16/2023	X		X	Replaced with copper
529 Achim	5/16/2023		X	X	Replaced with PVC
213 Lago maggiore	5/17/2023	X		X	Replaced with copper
14332 Desert Sage	5/17/2023	X		X	Replaced with copper
300 Sundet Hills	5/17/2023	X		X	Replaced with copper
745 Desert Sage	5/17/2003	X		X	Replaced with copper
657 Platino	5/17/2023	X		X	Replaced with copper
283 Sunset Hills	5/19/2023	X		X	Replaced with copper
13412 Borcana	5/19/2023	X		X	Replaced with copper
14363 Desierto Bonito	5/24/2023	X		X	Replaced with copper
743 Uranio	5/24/2023		X	X	Replaced with PVC
812 Guilford	5/24/2023		X	X	Replaced with PVC
612 Paseo Sereno	5/24/2023		X	X	Replaced with PVC
13009 Horizon	5/25/2023	X		X	Replaced with copper
14745 Canyon Breeze	5/25/2023	X		X	Replaced with copper
244 Dora Baltea	5/26/2023		X	X	Replaced with PVC
149Sahuaro	5/30/2023	X		X	Replaced with PVC
					Street Leaks 20
					Meter Leaks 13
					Total 33

Date: June 9, 2023

Re: Operations Report for May ,2023

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>	Fully operational
<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>Holley 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.
<u>EST 5</u>	Online with the distribution system.

Wastewater Treatment Plant

- 5 blowers are up and running.
Hauled 34 loads of sludge.
- GLO operational
- GC operational

Water Wells

Well 1 operational /waiting on B-T sample.
Well 2 operational
Well 3 operational
Well 4 operational
Well 5 operational
Well 6 operational
Well 7 Not working/WHB working on it
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.

General

Replaced valve on concentrator tank.

Aldo Navarrete, Operations Manager.



MEMORANDUM

Via E-Mail

TO: Horizon Regional Municipal Utility District
Board of Directors

FROM: Linda Troncoso, P.E.

DATE: June 29, 2023

SUBJECT: June 29, 2023 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. The 16-inch Horizon Blvd transmission main from Ashford to North Kenazo began construction on Monday, June 26, 2023.

Bids were received by TxDOT for the Darrington Rehabilitation project on Tuesday, June 27, 2023, with Jordan-Foster Construction as the apparent low bidder. Construction is anticipated to begin in January 2024.

County Roadway Projects

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

HRMUD Engineering Report
June 29, 2023
Page 2 of 3

Elevated Storage Tanks and Water Model Update

The EST-5 Construction is nearly complete, and the tank is currently online with the system. Pay Estimate Numbers 17 and 18 are on the agenda for approval at this BOD meeting.

4.2 MGD RO Plant Expansion and Permit Amendment

TRE is currently working on the layout and sequencing, building and electrical configurations for the new plant and existing facility modifications. Inframark and TRE toured and met with operators of a pulse RO system in early May to review proposed components and discuss operations. TRE is initiating the rezoning process with the Town for the existing RO plant site and has begun the design of the new feedwater tank and associated booster pump station.

RO Concentrate Disposal Management

The additional supplemental data was submitted to the TCEQ in May and is currently in engineering review with comments expected in the next two weeks.

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 (up to 7.0 MGD) and is coordinating with Inframark regarding the specification of individual plant components. TRE has also submitted the WWTP permit renewal to the TCEQ for the existing site, including all additional testing results. The existing permit expires February 4, ~~2023~~ 2024.

Wastewater Treatment Plant Digester Emergency Repair

Digester A is back in service. Repairs on Digester B have begun. Change Order No. 6 and Pay Application No. 11 are on the agenda for approval at this meeting.

GLO Lift Station Repair

The lift station construction and start up are complete. The final pay application and recommendation for acceptance for operations and maintenance are on the agenda for approval at this meeting.

Horizon Boulevard 16-inch Waterline – RO Plant to GST4B

TRE has initiated the route study and evaluation of existing utilities at this time.

HRMUD Engineering Report
June 29, 2023
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GST4 Rehabilitation

The project has been awarded but the contractor was unable to mobilize to begin the rehabilitation until mid-June, therefore the rehab has been delayed until September, after peak season. All submittals and materials are being reviewed and approved at this time.

Linda Troncoso and Frank Ortiz will be at the June 29th BOD meeting to address any questions or comments you may have regarding these and any other items.

Attachment

cc: Mr. Charlie McGinnis, General Manager; HRMUD
Mr. John M. Jansing, Jr., P.E.; TRE & Associates, LLC
Mr. Adrian H. Rosas, P.E.; TRE & Associates, LLC

TRE & ASSOCIATES, LLC (revised 6/20/23)
COMMITMENT APPLICATIONS

Job #	Job Title	Date Received	Additional Info Request	Commitment Letter Released	Committed LUE's WW	Committed LUE's Wtr	Comments
1277-12381	Horizon & Ascencion infomational request	4/25/2023		6/6/2023	0	0	information issued
1277-12376	13973 Kentwood	6/1/2023					Under review
1277-12391	640 Belsaw	6/9/2023		6/14/2023	0	1	Approved

TRE & ASSOCIATES, LLC (revised 6/20/23)
HR - CONSTRUCTION REVIEW

Job #	Job Title	Commitment Letter Released	Plans Received	Plan Comments Sent	Plan Approval	Comments
1277-12262	355 Asencion	7/27/2022				awaiting plan submittal
1277-12288	Kenazo Estates Unit Two	9/28/2022	9/28/2022 1st 11/1/22 2nd 02/02/2023 3rd 03/29/2023 4th 6/5/2023 5th	10/13/22 1st set 11/22/22 2nd set 2/26/23 3rd set 4/28/2023 4th set	6/16/2023	Approved
1277-12329	14861 Houma Ave	1/20/2023				awaiting plan submittal
1277-12304	15071 Alberton Ave	11/9/2022				awaiting plan submittal
1277-12333	Albertson's	2/21/2023	2/1/2023	3/6/2023		awaiting revised plans
1277-12341	Market at Darrington Shops	2/21/2023	1/30/2023 1st 03/30/2023 2nd 6/5/2023 3rd	3/6/2023-1st set 4/25/2023-2nd set 6/19/2023-3rd set		under review
1277-12344	14898 Fishkill	2/27/2023				awaiting plan submittal
1277-12352	14308 Rudi Kuefner	3/7/2023	2/27/2023	3/27/2023		awaiting revised plans
1277-12332	14160 Horizon Blvd. -Jiffy Lube	3/15/2023				awaiting plan submittal
1277-12350	Summer Sky North Unit 2 Phase II	3/23/2023	4/3/2023			plans under review
1277-12356	Summer Sky North Unit 2 Phase I	3/23/2023	4/3/2023		2/7/2023	Approved
1277-12360	Morningside at Mission Ridge Unit 4	4/4/2023			4/5/2023	Approved
1277-12363	Circle K	4/10/2023	4/4/2023-1st 5/31/2023-2nd	5/3/2023 - 1st 6/20/2023- 2nd		awaiting revised plans
1277-12365	13660 Horizon Blvd Landscaping	4/21/2023	4/20/2023	4/24/2023	5/1/2023	Approved
1277-12367	McDonald's	5/1/2023				awaiting plan submittal
1277-12364	13496 Horizon Blvd	5/9/2023	6/7/2023 1st	6/14/2023 1st		awaiting revised plans
1277-12372	332 Spanaway St	5/17/2023				awaiting plan submittal
1277-12381	Horizon & Ascencion infomational request	6/6/2023				Informational request letter sent
1277-12391	640 Belsaw	6/9/2023				awaiting plan submittal
1277-12051	Polar Services Center	7/19/2021	5/31/2023	6/14/2023	6/14/2023	Approved

TRE & ASSOCIATES, LLC (revised 6/20/23)
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
1277-12205	Horizon Town Center Unit 4	4/19/2022	5/5/2022	under construction
1277-12209	PDEU9 PHI	5/31/2022	2/2/2023	under construction
1277-12193	Summer Sky North Unit 1 Phase II	11/20/2022	4/18/2023	under construction
1277-12236	15071 Horizon Blvd	6/2/2022		awaiting construction start
1277-12192	Summer Sky North Unit 1 Phase I	8/5/2022	11/29/2022	under construction
1277-12136	TxDOT Horizon Blvd Irrigation	8/18/2022	8/26/2022	under construction
1277-12271	Rancho Desierto Bello 14	8/31/2022		awaiting construction start
1277-12230	All of Lot 1, Blk 2, Darrington Eastlake Comm. Unit 4	9/28/2022	10/6/2022	under construction
1277-12200	12504 Weaver Rd	9/6/2022	9/13/2022	under construction
1277-12296	Horizon Crossing Unit 3	10/10/2022	3/23/2023	under construction
1277-12240	Mister Car wash	10/27/2022	12/7/2022	under construction
1277-12295	Paseo Del Este Unit 9 Phase II	11/9/2022		awaiting construction start
1277-12282	13780 Horizon Blvd - Applebees	12/1/2022	12/20/2022	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		awaiting construction start
1277-12288	Kenazo Estates Unit Two	6/16/2023		awaiting construction start
1277-12365	13660 Horizon Blvd Landscaping	5/1/2023	6/6/2023	comstruction complete

TRE & ASSOCIATES, LLC (revised 6/20/23)
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) /m/ps 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
1277-12192	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	11/20/2022	approved
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
1277-12209	PDEU9 PHI	5/5/2022	195	195	5/31/2022	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	10/27/2022	approved
1277-12262	355 Ascencion	7/27/2022	0	2		awaiting plans
1277-12271	Rancho Desierto Bello 14	8/29/2022	68	68	8/31/2022	approved
1277-12282	13780 Horizon Blvd - Applebees	9/1/2022	27	27	12/1/2022	approved
1277-12288	Kenazo Estates Unit Two	9/28/2022	0	0	6/16/2023	approved
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	11/9/2022	approved
1277-12296	Horizon Crossing Unit 3	10/4/2022	0	0	10/10/2022	approved
1277- 12304	15171 Alberton	11/9/2022	0	1		approved
1277-12329	14861 Houma Ave	1/9/2023	0	1		awaiting plan submittal
1277-12333	Albertson's	2/21/2023	45	45		awaiting revised plans
1277-12341	Market at Darrington Shops	2/21/2023	22	22		under review
1277-12344	14898 Fishkill	2/27/2023	1	1		awaiting plan submittal
1277-12352	14308 Rudi Kuefner	3/7/2023	1	1		awaiting revised plans
1277-12332	14160 Horizon Blvd. - Jiffy Lube	3/15/2023	3	3		awaiting plan submittal
1277-12350	Summer Sky North Unit 2 Phase II	3/23/2023	134	134		under review
1277-12356	Summer Sky North Unit 2 Phase I	3/23/2023	158	158	2/7/2023	approved
1277-12360	Morningside at Mission Ridge Unit 4	4/4/2023	0	1	4/5/2023	approved
1277-12383	Circle K	4/10/2023	10	10		awaiting revised plans
1277-12364	13496 Horizon Blvd	5/9/2023	0	2		awaiting revised plans
1277-12365	13660 Horizon Blvd Landscaping	4/21/2023	5	5	5/1/2023	awaiting plan submittal
1277-12367	McDonald's	5/1/2023	26	26		awaiting plan submittal
1277-12372	332 Spanaway St	5/17/2023	1	0		awaiting plan submittal
1277-12381	Horizon & Ascencion informational request	6/6/2023	0	0		Informational request sent
1277-12391	640 Belsaw	6/14/2023	0	1		awaiting plan submittal

**TOTAL OUTSTANDING
COMMITMENTS**

1478

1511