

Murfee Engineering Company

January 13th, 2022

Mr. Dennis Daniel, President and Board of Directors Reunion Ranch WCID c/o Willatt & Flickinger 12912 Hill Country Blvd., Suite F-232 Austin, Texas 78738

Mr. Mike Moyer Taylor Morrison of Texas, Inc. 11200 Lakeline Blvd Suite 105A Austin, Texas 78717

Re:

Reunion Ranch WWTP Expansion – Recommendation for Pay Application No. 10 from

Excel Construction Services, LLC.

Mr. Daniel & Reunion Ranch WCID Board, Mr. Moyer:

Attached please find Pay Application No. 10 in the amount of \$89,107.20 from Excel Construction Services, LLC for work performed through December 30th, 2021, on the above-referenced project. I have reviewed the attached documentation for compliance with the Contract Documents, concur with the items and quantities, and therefore recommend approval and payment of Pay Application No. 10 in the amount of \$89,107.20. If you have any questions or if you would like any additional information, please contact me at your convenience.

Sincerely,

Andrea Wyatt, P.E.

andrea Myatt

Attachments: Pay Application No. 10

CC:

Bill Flickinger - Willatt & Flickinger

George Murfee, P.E. Evan Parker, E.I.T. MEC File No. 12002.108

CONTRACTOR'S APPLICATION AND CERTIFICATE FOR PAYMENT

Reunion Ranch WWTP

Application No.: Nine (10)
Application Period: thru Dec 30, 2021

SUMMARY

To: OWNER Reunion Ranch WWTP Attn: Mike Moyer 10415 1 Morado Circle Ste. 100 Austin, Texas 78768	From: CONTRACTOR Excel Construction Services, LLC Chad Mitchell PO Box 2260 Leander, Texas 78646	Via: ENGINEER Murfee Engineering Company, Inc Andrea Wyatt P.E. 1101 Capital of Texas Highway Austin. TX 78738

APPLICATION FOR DAYMENT

	CHANGE ORDE	RSUMMARY		1. ORIGINAL CONTRACT SUM	1\$	3,445,000.00
APPR	ROVED CHANGE ORDERS			2. NET CHANGE BY CHANGE ORDERS	\$	83,008.00
No.	Date Approved	Additions	Deductions	3. CONTRACT SUM TO DATE	8	3,528,008.00
1	9-Jun-21	\$ 14,532.00				0,020,000.00
2	9-Jun-21	\$ 26,510.00	i li	4. TOTAL COMPLETED & STORED TO DATE	8	3,522,182.00
3	22-Sep-21	\$ 21,065.00	3	5. RETAINAGE @ 10%	\$	352,218,20
4	19-Oct-21	\$ 5,074.00	1	6. AMOUNT ELIGIBLE TO DATE	4	3,169,963.80
5	19-Oct-21	\$ 14,066.00		7. LESS PREVIOUS PAYMENTS	9	3,080,856,60
6	16-Nov-21	\$ 1.761.00	/ 1	8. AMOUNT DUE THIS APPLICATION	4	and the second s
	SUBTOTALS	\$ 83,008.00	\$ -	9. BALANCE TO FINISH	10	89,107.20
		V 00,000.00		(including Retainage)	2	358,044.20
Ne	et Change by CO	\$ 83,008.00				

CONTRACTOR'S CERTIFICATION:

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Excel Construction Services () LC/ By:



PAYMENT OF	89,107.20 IS RECOMMENDED
audrea Myatt	1/13/22
Murfee Engineering Company	Date
Taylor Morrison	Date

CONTRACTOR'S PROGRESS ESTIMATE

Reunion Ranch WWTP

PAY PERIOD: APPLICATION No.: APPLICATION DATE:

July 8 7/31/2021

								APPLICATION DATE:		7/31/2021	
Item	Description of	Scheduled	Work Co		Materials	Total Completed	Percent	Balance To	Retainage	Total	
No.	Work	Value	From Previous	This	Remaining	And Stored	Complete	Finish	Balance	Balance	
	ļ.,		Estimate	Period	In Storage	To Date	(%)			Remaining	
- 1	Mobilization, Bonds, & Insurance SWPPP	\$ 170,000.00		\$ -	\$ -			\$.			
3	Excavation Plan	\$ 3,500.00 \$ 3,000,00		s -	s -	\$ 3,500.00 \$ 3,000.00		\$			
4	Trench Safety Plan	\$ 15,000,00		\$.	\$ -	\$ 3,000.00 \$ 15,000.00		s -	\$ 300,00 \$ 1,500,00		
5.00	PROCESS PIPING CONNECTING TO EXISTING		0 10,000.00		-	4 15,000,00	10076	*	Ψ 1,300.00	1,500.00	
5.01	Excavation Pipe	\$ 11,000.00	\$ 11,000.00	\$ -	\$ -	\$ 11,000,00	100%	\$ -	\$ 1,100.00	\$ 1,100.00	
5.02	Installation	\$ 10,000.00	\$ 10,000.00		\$ -	\$ 10,000.00	100%	\$ -	\$ 1,000.00		
5.03	Backfill	\$ 2,000.00	\$ 2,000.00			\$ 2,000.00		\$ -	\$ 200.00		
6,00	INFLUENT LIFT STATION										
6.01	Liftstation - Excavation	\$ 71,000,00	\$ 71,000,00		s -	\$ 71,000.00	100%	\$ -	\$ 7,100,00	\$ 7,100,00	
6.02	Liftstation - Select Fill		\$ 6,000,00								
6,03	Liftstation - Precast Concrete					4 0,000,00	100%	\$ -	\$ 600,00	\$ 600,00	
6.04	Liftstation - CPL	\$ 42,000.00	\$ 42,000.00	9 .	\$ -	\$ 42,000.00	100%	\$ -	\$ 4,200,00		
6.05	Liftstation - Concrete Coating	\$ 51,000.00	\$ 51,000,00		\$ -	\$ 51,000.00	100%	\$ -	\$ 5,100.00		
6.06	Liftstation - Backfill	\$ 4,000.00	\$ 4,000.00		5 -	\$ 4,000.00	100%	\$ -	* 111111	\$ 400.00	
	Liftstation - Vertical Screen	\$ 18,000.00	\$ 18,000.00		\$ -	\$ 18,000.00	100%	\$ -	\$ 1,800,00	\$ 1,800.00	
6,07	\$20,000,000,000,000,000,000,000,000,000,	\$ 90,000.00	\$ 90,000,00		\$ -	\$ 90,000.00	100%	\$	\$ 9,000.00	\$ 9,000,00	
6,08	Liftstation - Odor Control Equipment	\$ 37,500.00	\$ 36,500.00		\$ -	\$ 36,500.00	97%	\$ 1,000,00	\$ 3,650,00		
6,09	Liftstation - Submersible Purnp	\$ 53,000.00	\$ 53,000.00		\$ -	\$ 53,000.00	100%	\$ -	\$ 5,300,00	\$ 5,300.00	
6.1	Liftstation - Pipe	\$ 63,000.00	\$ 63,000.00		\$ -	\$ 63,000.00	100%	\$ -	\$ 6,300.00	\$ 6,300,00	
6,11	Valve Vault - Underground Pipe	\$ 2,500.00	\$ 2,500.00		\$ -	\$ 2,500,00	100%	\$	\$ 250.00	\$ 250,00	
6,12	Valve Vault - Precast Concrete Vault	\$ 16,000.00	\$ 16,000.00		\$ -	\$ 16,000,00	100%	\$	\$ 1,600,00	\$ 1,600.00	
6,13	Valve Vault - Concrete Coating	\$ 3,000.00	\$ 3,000.00		\$ -	\$ 3,000,00	100%	\$	\$ 300,00	\$ 300,00	
6.14	Valve Vault - Backfill	\$ 4,000.00	\$ 4,000.00		\$ -	\$ 4,000.00	100%	\$	\$ 400,00	\$ 400.00	
6,15	Valve Vault - Flange Pipe anf Valves	\$ 24,000.00	\$ 24,000,00		\$ -	\$ 24,000,00	100%	\$ -	\$ 2,400.00	\$ 2,400.00	
7	AERATION BASIN AND BLOWER FACILITIES							•	•		
7.01	Excavation	\$ 88,000.00	\$ 88,000.00		\$ -	\$ 88,000.00	100%	\$	\$ 8,800,00	\$ 8,800.00	
7,02	Remove Bypass Line	\$ 2,500.00	\$ 2,500,00		\$ -	\$ 2,500,00	100%	\$	\$ 250,00	\$ 250,00	
7.03	Clean/ Prepare Subgrade	\$ 3,000.00	\$ 3,000.00		\$ -	\$ 3,000.00	100%	\$ -	\$ 300.00	\$ 300,00	
7.04	Drill and expoy	\$ 6,000.00	\$ 6,000.00		\$ -	\$ 6,000.00	100%	\$ -	\$ 600.00	\$ 600.00	
7.05	Form, Rebar and Place Slab SBR	\$ 125,000.00	\$ 125,000.00		\$ -	\$ 125,000.00	100%	\$	\$ 12,500.00	\$ 12,500.00	
7.06	Form, Rebar and Place Walls SBR	\$ 242,000.00	\$ 242,000,00		\$ -	\$ 242,000.00	100%	\$ -	\$ 24,200,00	\$ 24,200,00	
7.07	Concrete Backfill	\$ 30,000.00	\$ 30,000.00		\$ -	\$ 30,000.00	100%	\$ -	\$ 3,000.00	\$ 3,000.00	
7.08	Rebar Material	\$ 42,000.00	\$ 42,000.00		\$ -	\$ 42,000.00	100%	\$ -	\$ 4,200.00	\$ 4,200.00	
7.09	Exterior Coat Wall	\$ 12,000.00	\$ 12,000.00		\$ -	\$ 12,000.00	100%	\$ -		\$ 1,200.00	
7.1	Interior Coat Wall	\$ 12,000.00	\$ 12,000.00		\$ -	\$ 12,000,00		\$ -		\$ 1,200,00	
7.11	Coat Pipe	\$ 6,000.00	\$ 5,000.00	\$ 1,000,00	\$ -	\$ 6,000.00		\$ -		\$ 600.00	
7.12	Misc Metal	\$ 16,500.00	\$ 16,500,00		\$ -	\$ 16,500,00		\$ -		\$ 1,650,00	
7.13	Set New SBR Equipment	\$ 12,000.00	\$ 12,000,00		\$ -	\$ 12,000.00		\$.		\$ 1,200,00	
7.14	Set Existing SBR Equipment	\$ 12,000.00	\$ 12,000,00		\$ -	\$ 12,000,00		\$ -		\$ 1,200.00	
7.15	SBR Equipment	\$ 456,000.00	\$ 456,000,00		\$.	\$ 456,000.00		\$ -		\$ 45,600.00	
7.16	Effluent Pumps	\$ 19,500.00	\$ 19,500,00		3 -	\$ 19,500.00		\$.		\$ 1,950,00	
										\$ 3,000.00	
										\$ 5,000,00	
7.17 7.18	Above Ground Pipe Blower Pad	\$ 30,000.00	\$ 30,000,00 \$ 6,000,00		\$ -	\$ 30,000.00	100%	\$ -	\$ 3,00	00.00	

CONTRACTOR'S PROGRESS ESTIMATE

Reunion Ranch WWTP

PAY PERIOD: APPLICATION No.:

8 7/31/2021

												AP	PLICATION DATE:			_	7/31/2021
Item	Description of		Scheduled		Work Co	mpleted		terials	Т	Total Completed	Percent		Balance To	F	Retainage	Г	Total
No.	Work		Value	Fr	om Previous	This		naining	1	And Stored	Complete		Finish	ı	Balance	1	Balance
7.19	Demo Existing Equipment	\$	5,000,00	s	5,000.00	Period	ln :	Storage		To Date 5,000.00	100%	\$		\$	500.00	-	Remaining 500,00
	Delilo Existing Equipment	1	5,000,00	Ť	0,000.00		1		+*	5,000,00	100%	Ÿ	··········	ť	500.00	+	300,00
8	EFFLUENT FILTER						-		t			-		H		1	
8.1	Excavation	\$	3,000.00	\$	3,000.00		\$		\$	3,000.00	100%	\$		\$	300.00	\$	300.00
8.2	Form, Pour Place Slab	\$	9,000.00	\$	9,000.00		\$		\$	9,000.00	100%	\$	2	\$	900,00	\$	900,00
8,3	Filter Equipment	\$	220,000.00	\$	220,000,00		\$		\$	220,000,00	100%	\$		\$	22,000,00	\$	22,000.00
8.4	Install Equipment	\$	12,000.00	\$	12,000_00		\$	- 8	\$	12,000.00	100%	\$		\$	1,200.00	\$	1,200.00
8,5	Above Ground Pipe	\$	21,000.00	\$	21,000,00		\$		\$	21,000.00	100%	\$		s	2,100_00	\$	2,100.00
9	CHLORINE CONTACT BASIN								+		-			\vdash			
9,1	Excavation	\$	5,000.00	\$	5,000.00		\$		\$	5,000,00	100%	\$		\$	500,00	\$	500,00
9,2	Drill and expoy	\$	7,000.00	\$	7,000.00		\$		\$	7,000.00	100%	\$		\$	700.00	\$	700,00
9,3	Form, Rebar and Place Slab CCB	\$	45,000.00	\$	45,000,00		\$	*	\$	45,000.00	100%	\$		\$	4,500.00	\$	4,500.00
9.4	Form, Rebar and Place Walls CCB	\$	75,000.00	\$	75,000,00		\$		\$	75,000.00	100%	\$		\$	7,500.00	\$	7,500,00
9,5	Backfill Structure	\$	6,000.00	\$	6,000.00		\$	83	\$	6,000.00	100%	\$		\$	600.00	\$	600,00
9,6	Coat Wall	\$	12,000.00	\$	12,000.00		\$		-	12,000.00	100%	\$		\$	1,200,00		1,200.00
9.7	Above Ground Pipe	\$	42,000.00	\$	42,000.00		\$		\$	42,000_00	100%	\$		\$	4,200.00	\$	4,200,00
9.8	Metal Metal	\$	3,000.00	\$	3,000.00		\$		\$	3,000.00	100%	\$		\$	300,00	\$	300,00
10	SLUDGE DEWATERING EQUIPMNENT								╁			Þ		1		1	
10.1	Form, Pour Place Slab	\$	5,000.00	\$	5,000.00		\$		\$	5,000.00	100%	\$		\$	500,00	\$	500.00
10,2	Underground Pipe	\$	10,000.00	\$	10,000.00		\$		\$	10,000.00	100%	\$		\$	1,000.00	\$	1,000,00
10,3	Dewatering Equipment	\$	230,000.00	\$	230,000.00		\$		\$	230,000.00	100%	\$		\$	23,000.00	\$	23,000,00
10.4	Base Material	\$	10,000.00	\$	10,000.00		\$		\$	10,000.00	100%	\$		\$	1,000.00	-	1,000.00
11	SLUDGE STORAGE BASIN MODIFICATIONS	+		_			H		+			-		-		⊢	
11.1	Demo Existing Equipment	\$	30,000.00	\$	30,000,00		S		\$	30,000,00	100%	\$		\$	3,000.00	-	3,000,00
11,2	Above ground PipIng	5	10,000.00	\$	5,000,00	\$ 5,000,00	<u> </u>		÷	10,000.00	100%	\$		s	1,000.00	-	1,000.00
		Ť				, .,	Ť		Ť	10,000,00	100%	Ť		Ť	1,000,00	Ť	1,000.00
12	EFFLUENT STORAGE BASIN								†					H		\vdash	
12.1	Form, Rebar and Place Slab Effluent Storage	\$	65,000.00	\$	65,000.00		\$		\$	65,000.00	100%	\$		\$	6,500.00	\$	6,500.00
12.2	Form, Rebar and Place Wall Effluent Storage	\$	120,000.00	\$	120,000.00		\$		\$	120,000,00	100%	\$		\$	12,000,00	\$	12,000,00
12.3	Above ground Piping	Ś	20,000.00	\$	20,000.00		\$	-	s	20,000.00	100%	\$	-	\$	2,000.00	+	2,000.00
12.4	Backfill Structure	\$	13,000.00	\$	13,000.00		s		\$	13,000.00	100%	s	- 2	s	1,300,00	18	1,300.00
12,5	Coat Wall	\$	12,000.00	\$	12,000.00		\$		+	12,000.00	100%	\$		\$	1,200.00	\$	1,200.00
13	ELECTRICAL POWER SYSTEMS	-		_			_		-					-		\vdash	
13.01	UG Electrical Conduit	\$	140 743 00	•	149 749 00		-		+	410 710 75	40001	_	-,	+	44.054.00	+	44
13.02		\$	148,742.00	\$	148,742.00		\$		\$	148,742.00	100%	\$		\$		+	14,874,20
13.03	Above Ground / Exposed Conduit		82,822.00	\$	82,822.00		\$		+-	82,822.00	100%	\$		\$		_	8,282.20
13.04	Wire Installation & Termination	Ś	30,813.00		30,813.00		\$		٠ř	30,813.00	100%	\$		\$	3,081.30	_	3,081.30
13.04	Grounding & Elec Ductbank Ground Conductor	\$	10,000.00	\$	10,000.00		\$		\$	10,000.00	100%	\$		\$		-	1,000.00
13.05	Switchgear / Electrical Equip Install	\$	37,132.00	\$	37,132.00		\$		\$	37,132.00	100%	\$		\$	3,713,20	\$	3,713.20

CONTRACTOR'S PROGRESS ESTIMATE

Reunion Ranch WWTP

PAY PERIOD: APPLICATION No.: APPLICATION DATE:

8 7/31/2021

144	December of		** ***	-						_			_	PLICATION DATE:				7/31/2021
Item No.	Description of Work		Scheduled Value	Fr	Work Co om Previous Estimate	mple	This Period	Re	aterials maining Storage		Total Completed And Stored To Date	Percent Complete (%)		Balance To Finish		tetainage Balance		Total Balance Remaining
13.06	Switchgear / Electrical Equip	\$	10,500.00	\$	10,500.00			\$:*)	\$	10,500.00	100%	\$	(*)	\$	1,050,00	\$	1,050.00
13,07	Light Fixtures Material	\$	2,900.00	\$	2,900.00			\$		\$	2,900,00	100%	\$	36	\$	290.00	\$	290.00
13.08	Light Fixtures Labor	\$	51,500.00	\$	49,000.00	\$	2,500.00	\$	30	\$	51,500,00	100%	\$	/85	\$	5,150.00	\$	5,150.00
13,09	Generator Equipment	\$	42,750.00	\$	42,750.00			\$		\$	42,750,00	100%	\$	7 (6)	\$	4,275.00	\$	4,275,00
13_1	Generator Material & Labor	\$	7,500.00	\$	7,500,00			\$		\$	7,500.00	100%	\$		\$	750,00	\$	750,00
13,11	I&C	\$	145,341.00	\$	145,341.00			\$	39/	\$	145,341,00	100%	\$		\$	14,534.10	\$	14,534.10
13,12	Electrical / Insrtumentation Start up	\$	5,000.00	\$	5,000.00			\$	- 0	\$	5,000.00	100%	\$		\$	500.00	\$	500,00
13.13	O&M Manuals	\$	5,000.00	\$	5,000,00			\$:5/	\$	5,000.00	100%	\$		\$	500.00	\$	500,00
14	MODS TO EFFLUENT SADDS PUMP SKID &	IRR SKID				-				H								
14.1	Form, Rebar and Place Slab	\$	20,000.00	\$	20,000.00			\$		\$	20,000.00	100%	\$		\$	2,000.00	\$	2,000.00
14,2	Above ground Piping	\$	15,000.00	\$	15,000.00			\$		\$	15,000.00	100%	\$	1	\$	1,500,00	\$	1,500,00
14.3	Move Skid	\$	5,000.00	\$	5,000.00			\$	370	\$	5,000,00	100%	\$		\$	500,00	\$	500,00
15	PLANT WATER SYSTEM			_				_		-			\$	*	\$		\$	*
15,01	Plant Water Pumps	Ś	3,000.00	5		s	1,500.00	s		\$	1,500.00	50%	\$	1,500,00	\$	150.00	s	1,650,00
15.02	Misc Malerial	\$	3,500.00	\$		\$	3,500,00	-	(*)	\$	3,500.00	100%	\$	1,000,00	\$	350.00	\$	350.00
16,00	UPGRADE PUMP HOUSE BUILDING									L			\$	**	\$	2.8.1	\$	
16.01	Pipe Insulation		5,826.00			-	0.500.00	-		+			-		-		-	
16,02	HVAC				2.071.00	\$	2,500.00			\$	2,500.00	43%	\$	3,326.00		250.00	\$	3,576,00
10,02	HVAC	- 12	2,674,00	2	2,674.00	-		\$	(*)	\$	2,674.00	100%	\$	- 4	\$	267.40	\$	267.40
17.00	со									T			Ť		Ť		Ť	
CO1	Sewage Spill Feb	s	14,532,00			\$	14,532.00	\$		\$	14,532.00	100%	\$		8	1,453.20	\$	1,453.20
CO1	Sewage Spill March through April	\$	26,510.00			\$	26,510.00	s		s	26,510,00	100%	\$		s	2,651,00	\$	2,651,00
CO3	Handrail	\$	21,065,00			\$	21,065,00	\$		8	21,065.00	100%	\$	+0	s	2,106.50	\$	2,106.50
CO4	Wooden Fence	\$	5,074,00			s	5,074.00	\$		\$	5,074.00	100%	\$	•	\$	507.40	\$	507.40
CO5	Dewatering Conduit	s	14,066,00			\$	14,066,00	\$		s	14,066,00	100%	s		s	1,406,60	\$	1,406,60
CO6	Chemical Analyzer	s	1,761.00			\$	1,761.00	\$		s	1,761.00	100%	\$		s	176,10	\$	176,10
													\$	•	\$		\$	-
	ORIGINAL CONTRACT TOTALS	\$	3,528,008.00	\$ 3	3,423,174.00	\$	99,008.00	\$	-	\$	3,522,182.00	100%	\$	5,826.00	s	352,218.20	\$	358,044.20

CONTRACTOR AFFIDAVIT OF BILLS PAID AND RELEASE OF LIENS

STATE OF TEXAS § COUNTY OF WILLIAMSON§

Owner: Taylor Morrison of Texas, Inc.

Affiant: Excel Construction Services, LLC

Project Description: Reunion Ranch Wastewater Treatment Plant Expansion

In order to induce the Owner to make <u>Progress Payment #10</u> to Affiant for work performed on the above-described project, the Affiant states, under oath, as follows:

WAIVER AND RELEASE

Affiant acknowledges and certifies that it has been paid in full for all labor and materials provided to the above-noted construction project. Affiant, and all of his or its agents, employees, successors, assigns, subsidiaries, and legal representatives, will and do hereby waive and release all Mechanic's liens, or similar lien rights, which have or might arise as a result of the Affiant's or Affiant's agents' or employees' providing labor and materials to the above-noted project.

ALL BILLS PAID

Affiant warrants, represents, and certifies that it has paid all laborers, subcontractors, materialmen, and all other persons or parties who have provided labor or materials through, for, or on behalf of the Affiant to the above-noted construction project, and Affiant is not aware of any claim for payment or lien by such person or party who has furnished Work on the project through or under Affiant.

Executed\$89.	107.20
Contractor Name:	Excel Construction Services, LLC
By: Chad N	fitchell
Title: Project	Managers
Subscribed and sworn, 20_	to before me under my official seal of office this day of KAREN BERND
Notar Signature	Notary Public, State of Texas Comm. Expires 08-01-2024 Notary ID 12063510

MURFEE ENGINEERING COMPANY, INC.

Texas Registered Firm No. F-353 1101 Capital of Texas Hwy., South, Bldg, D Austin, Texas 78746 (512) 327-9204

MEMORANDUM

DATE: January 13TH, 2022

TO: BOARD OF DIRECTORS - REUNION RANCH WCID

FROM: Andrea Wyatt, P.E.

RE: Engineer's Report – January 2022

CC: Mike Moyer – Taylor Morrison

Bill Flickinger – Willatt & Flickinger

MEC File No.: 12002.110

Wastewater Flows and Projections

Attached is an updated figure tracking wastewater flows to the existing WWTP vs. projections and permit milestones. This figure includes calculated wastewater flow values produced per household.

WWTP Expansion

The contractor is in the process of moving construction equipment and conducting site clean-up. Due to uncertainty on the delivery time on parts/materials, the contractor is not able to provide a firm date to complete the remaining items. The remaining items include installing insulation on the overhead door, complete troubleshooting the plant water pump issue, and fixing the flow meter calibration.

210 Irrigation

Attached to this report is the correspondence from Stacey Pandey Regarding the grant application.

The 210 authorization includes the following table of effluent quality requirements:

Table 1. Type I	Quality Requirem	ients
Parameter	Limit	Limit Type
Turbidity	3 NTUs	30-day average
BOD ₅	5 mg/l	30-day average
E. coli	20/100 ml	30-day geometric mean (MPN or CFU)
E. coli	75/100 ml	maximum single grab sample (MPN or CFU)

Texas Senate Bill No. 3 - Emergency Preparedness Plan

MEC is working on the EPP and is providing the Board with a draft for review. The PUA has provided some information, however their assurances regarding pressure are limited.

The PEC provided the following information regarding the letters received in November:

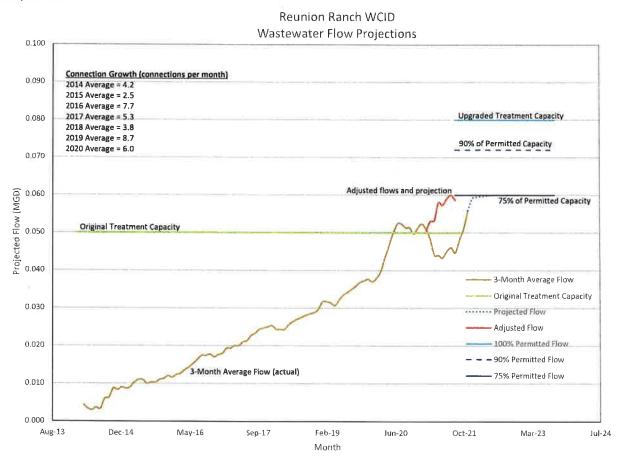
Both lift stations and the WWTP were approved for critical load and are placed on priority status. However, this does not mean that they are immune to the rolling black outs in the event of a power shortage. It just means that priority accounts are last in line to be temporarily shut down in hopes that the grid will sustain itself before that is needed. There is a phone number (888-554-4732) to call in the event there are additional questions; certain people will be available to handle "key customer's" questions.

Capital Improvements/Maintenance for Fiscal Year 2022

Several items were included in the budget for this year, a table of the projects is included on the following page.

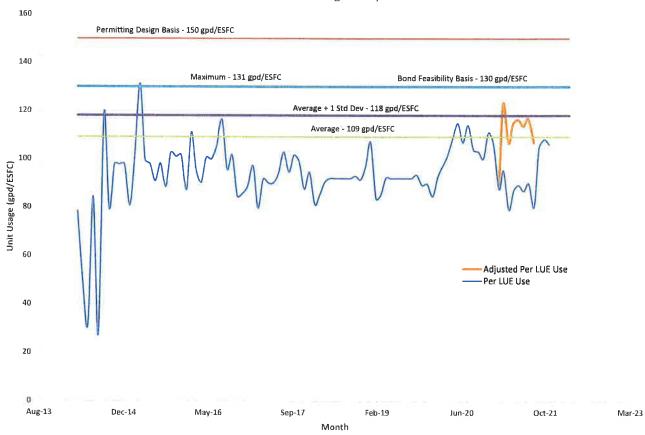
Project	Description	Original Budget	Actual Contract	Cost to Date	Estimated Start	Estimated Completion	Additional Notes
			Cost				
Mary Elise Pond Aerator	Install a pond aeration system at the pond off of Mary Elise Way, will require running electricity to the pond	\$ 10,000.00	\$ 4,825.00		May-22	Jul-22	We are waiting on cost information for the electrical portion of the work.
Mary Elise Pond Pedestrian Access	Install a better walking surface in the maintenance access easement, this would likely be done be bringing in smaller gravel to fill in the spaces around the rip rap down the center of the drive for a width of about 3'.	\$ 2,500,00			Mar-22	May-22	Cost information for this effort Is forthcoming.
210 Irrigation Skid Installation	Install a pump skid capable of providing effluent to the various irrigation areas in the District, including associated engineering efforts.	\$ 130,000.00			May-22	Sep-22	
SADDS Skid Cover	Inframark's contractor to install a cover over the SADDS Skid to protect the equipment from weather.	\$ 5,000,00			Feb-22	May-22	
WWTP Odor inspection	Use 3rd party odor consultant to evaluate the odor at and around the WWTP during the peak odor season.	\$ 10,000.00			Jul-22	Aug-22	We will request a new quote from the subconsultant for this work in May.
Wet Ponds Solids Assessment	Aquatic Features will evaluate the volume of solids in the wet ponds and make a recommendation about solids removal.	\$ 2,100.00	\$ 1,200.00		Jul-22	Aug-22	

Murfee Engineering Company, Inc. Texas Registered Firm No. F-353 1101 Capital of Texas Hwy., S., Bldg. D Austin, Texas 78746



Murfee Engineering Company, Inc. Texas Registered Firm No. F-353 1101 Capital of Texas Hwy., S., Bldg. D Austin, Texas 78746

Reunion Ranch WCID WWTP Unit Usage Analysis



MURFEE ENGINEERING COMPANY, INC.

Texas Registered Firm No. F-353 1101 Capital of Texas Hwy., South, Bldg, D Austin, Texas 78746 (512) 327-9204

M E M O R A N D U M

DATE: January 13, 2022

TO: BOARD OF DIRECTORS – REUNION RANCH WCID

FROM: John Blake & Andrea Wyatt

RE: RRWCID Construction Berm

CC: Kay Olsen - Inframark

Bill Flickinger - Willatt & Flickinger

MEC File No.: 12002.102

Murfee Engineering Company (MEC) was tasked with evaluating the impact of a diversion berm constructed by home builders behind Lot 27, Block 'D' of Reunion Ranch Phase 2, Section 3 off Delayne Dr. A field visit was conducted on November 19, 2021 to confirm the location and configuration of the berm. A photo of the berm is included as Figure 1 in this memorandum. Those present for the visit included Andrea Wyatt, John Blake, and Evan Parker from MEC along with Kay Olsen, Phillip Henderson, and Zach Willeford with Inframark.

Upon field investigation, the berm appears to have been constructed with the intention of diverting stormwater around the residential structure being erected. The diverted runoff is directed to discharge into the adjacent water quality pond (Wet Pond 'A'). In reviewing the as-built drawings for Reunion Ranch Phase 2, Section 3, the berm was constructed within the 17.84-acre drainage area to Wet Pond 'A' and coincides with the initial intent of the drainage plan. Given that that berm does not change the major drainage patterns of the area, there is no need for submitting updated as-built drawings to the City of Dripping Springs or Hays County.

To aid in the stability of the berm, it is advised that site stabilization recommendations found on Sheet 10 (Erosion Control Notes) of the as-built drawings shall be adhered to. The measures include a minimum of six inches of top soil to be placed on the berm and revegetation shall be in accordance with the "PERMANENT VEGETATIVE STABILIZATION" item 1.

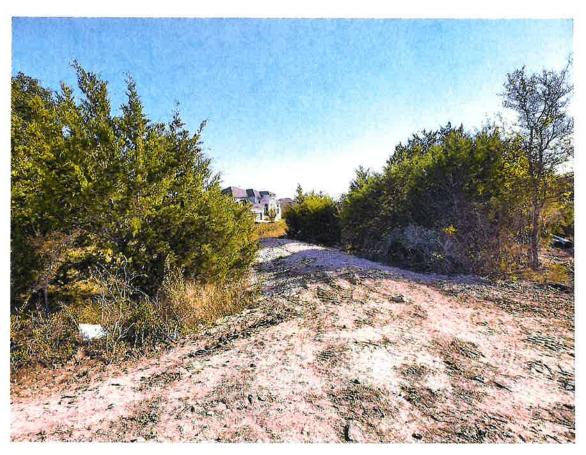


Figure 1: Diversion Berm on November 19, 2021

Andrea Wyatt

From: Sent: Stacy Pandey <Stacy.Pandey@LCRA.ORG> Wednesday, November 17, 2021 12:48 PM

To:

Evan Parker

Cc:

Andrea Wyatt

Subject:

RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water

Conservation Cost-Share Program Application

Evan,

Since the fall funding round is the first funding round of the fiscal year, and since the two applications submitted are under the total amount available, I do not see any reason why your project will not get funded, however, as we discussed before the application was submitted, the staff recommended funding amount will be \$75,400 to reflect the 65 acft of reuse that can be utilized after the completion of this project. If that lower funding amount will result in the project not going forward I need to know that ASAP. I don't think the committee has ever rejected a staff recommended project. The incentives committee meeting where the official vote will happen is scheduled to happen on January 18th. The schedule is delayed this year. The committee normally meets in November when we have a September 1 deadline. We plan those meetings in conjunction with LCRA Board meetings because several of the committee members are LCRA Board members (the others are firm water customer representatives). After that, Reunion Ranch WCID will need to sign a cost share funding agreement with LCRA before the funding can be released. If you are concerned about the timeline we can do our best to have that contract ready to go ahead of the meeting, particularly in case there are any issues the district attorney would like to review. For the most part, we have only accepted minor adjustments to the contract but we have made a few requested changes in the past.

If you have any further questions don't hesitate to ask. I don't think we need anything more from you. Staff recommendations will be finalized in the next week and then it goes through a management review process that takes several weeks.

Thanks, stacy

From: Evan Parker <eparker@murfee.com>
Sent: Wednesday, November 17, 2021 11:21 AM
To: Stacy Pandey <Stacy.Pandey@LCRA.ORG>
Cc: Andrea Wyatt awyatt@murfee.com

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

Stacy,

Thank you for communicating with us on what you need in our application. Let us know if we have missed anything or if you have any questions.

Also, due to this being the first time Andrea and I have applied for the LCRA Cost-Share Program, we weren't sure of how the allocation of funds works or the time frame of distributing funds. I have two questions:

- 1. Is there a chance that a separate applicant could hurt our chances of obtaining the amount of funding that we applied for?
- 2. Is the review process of the application lengthy? (Longer than 6 months)

Thank you for your help on this!

Sincerely,

Evan Parker

From: Stacy Pandey < Stacy.Pandey@LCRA.ORG > Sent: Wednesday, November 17, 2021 9:47 AM

To: Andrea Wyatt awyatt@murfee.com; Evan Parker eparker@murfee.com

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

Thanks!!

stacy

From: Andrea Wyatt awyatt@murfee.com Sent: Wednesday, November 17, 2021 8:13 AM

To: Stacy Pandey < Stacy.Pandey@LCRA.ORG >; Evan Parker < eparker@murfee.com >

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

Stacy,

I have received an updated quote from the equipment supplier. It looks like there was a slight increase in price since the original quotation, likely due to the current state of the supply chain. Please let me know if you have any additional questions.

Thank you,

Andrea Wyatt

From: Stacy Pandey < Stacy.Pandey@LCRA.ORG >

Sent: Friday, November 5, 2021 8:39 AM

To: Andrea Wyatt awyatt@murfee.com; Evan Parker eparker@murfee.com

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

Great, sounds good, I see, good you have the 210 authorization. I thought Evan had mentioned that so I was confused. It sounds like I should count the full \$227K as the complete project budget going forward, right? No change or resubmittal is needed on your end for that.

Thanks, stacy

From: Andrea Wyatt awyatt@murfee.com Sent: Friday, November 05, 2021 8:09 AM

To: Stacy Pandey <<u>Stacy.Pandey@LCRA.ORG</u>>; Evan Parker <<u>eparker@murfee.com</u>>

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

CAUTION - EXTERNAL EMAIL Suspicious Email? Click the fish!

Stacy,

Evan is out today, but I wanted to provide some clarification. We have done most of the legwork in terms of process design for this project; the remaining design budget is for electrical and bid document development. With regard to permitting, the RRWCID has obtained the 210 authorization from TCEQ; however, we still need to submit the effluent quality data that is required to confirm the effluent meets the regulatory requirements. That remaining design and permitting effort is shown as a separate line item in the District's budget which is why we excluded it from our project construction budget. I hope that explains both the situation and our thought process.

Thanks!

Andrea Wyatt, P.E. Murfee Engineering Company 512-497-1491

From: Stacy Pandey [mailto:Stacy.Pandey@LCRA.ORG]

Sent: Thursday, November 4, 2021 5:07 PM

To: Evan Parker Cc: Andrea Wyatt

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

Evan,

Correct, LCRA funds cannot be used for those engineering costs, however they can be included as in-kind costs in the total budget (along with the construction project) as long as the costs are not already incurred. When we talked initially about this project maybe a year ago or so I believe there was some discussion of whether a project could be submitted for only engineering/permitting. That would not qualify as a stand-alone project without the construction piece. I assume part of that engineering cost is your effort figuring out what it will take to do this project, budgeting it, etc. Also, there is a concern on the timeline if the TCEQ reuse permit is not already secured – I thought that was already completed?

Thanks! stacy

From: Evan Parker < eparker@murfee.com Sent: Thursday, November 04, 2021 5:00 PM To: Stacy Pandey Stacy.Pandey@LCRA.ORG Cc: Andrea Wyatt awyatt@murfee.com>

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

Stacy,

Great to hear from you and happy that everything provided was helpful. We appreciate the clarity.

To answer your question regarding the project costs—

Our understanding was the engineering/design/permits could not be paid for with the grant money, so we did not include that cost in the total project cost of \$207,000.

Let me know if you need us to change something for clarity.

Thanks Stacy,

Evan Parker

Murfee Engineering Company, Inc. 1101 Capital of Texas Highway South, Building D Austin, TX 78746 (512) 327-9204

From: Stacy Pandey [mailto:Stacy.Pandey@LCRA.ORG]

Sent: Thursday, November 4, 2021 4:40 PM To: Evan Parker <eparker@murfee.com>

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

Evan,

Sorry I forgot to acknowledge receipt of this information last week. Thanks, this is very helpful. One more question. Am I understanding correctly that the engineering and permitting costs have already been incurred (and is that the \$20K that shows up in the previous fiscal year budget), and that is why it is not included in the total project cost of \$207,000?

Thanks! stacy

From: Evan Parker <<u>eparker@murfee.com</u>>
Sent: Thursday, October 28, 2021 4:11 PM
To: Stacy Pandey <<u>Stacy.Pandey@LCRA.ORG</u>>
Cc: Andrea Wyatt <<u>awyatt@murfee.com</u>>

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

CAUTION - EXTERNAL EMAIL Suspicious Email? Click the fish!

Stacy,

Thank you for the feedback and information request. Please see the updates attached. We have included the pieces of information that you have requested. Let me know if this will suffice or if you need additional information.

Thanks again, Stacy.

Evan Parker

Murfee Engineering Company, Inc. 1101 Capital of Texas Highway South, Building D Austin, TX 78746 (512) 327-9204

From: Stacy Pandey [mailto:Stacy.Pandey@LCRA.ORG]

Sent: Thursday, October 28, 2021 1:57 PM
To: Evan Parker < eparker@murfee.com >
Cc: Andrea Wyatt < awyatt@murfee.com >

Subject: RE: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share

Program Application

Evan,

Thanks for your cost share application and your effort putting it together. We are excited about helping Reunion Ranch out with this project. I need a few minor additional things.

- 1) Can you please highlight the line item for the proposed project in the FY21-22 budget?
- 2) I need a more detailed budget breakdown. Please include a list of equipment cost for significant equipment components, and also a breakdown of in-kind labor (district labor) vs engineering/consulting company labor. If the installation cost is 100% in-kind labor, just state that and include an approximate number of hours and people required.
- 3) More detail showing how you arrived at the 65 acft for current wastewater flows. Is that an average of several years of data? If so, which years? (you said in your application that historical water use data is attached but I don't see that).
- 4) Also, you state on the first page that the equipment life is 20 years, and on the 2nd page, 15 years. Please pick one expected life based on the equipment manufacturer's recommendation for major project components and your professional opinion regarding the expected life for the majority of the equipment purchased through the project (doesn't have to be 100% of components). In the past we have used a 20 year life for other reuse projects, so that would be acceptable from our perspective.

Thanks! Stacy

Stacy Pandey
Water Conservation Coordinator, Sr.
Lower Colorado River Authority
3601 Lake Austin Blvd, R316
Austin, TX 78703
512-578-7471

From: Evan Parker < eparker@murfee.com Sent: Thursday, October 28, 2021 11:32 AM To: Stacy Pandey Stacy.Pandey@LCRA.ORG

Cc: Andrea Wyatt awyatt@murfee.com; Bill Flickinger britchinger@wfaustin.com; Jeniffer Concienne iconcienne@wfaustin.com; Dennis Daniel Dennis.Daniel@corix.com

Subject: Reunion Ranch Water Control and Improvements District - LCRA Firm Water Conservation Cost-Share Program Application

CAUTION - EXTERNAL EMAIL Suspicious Email? Click the fish!

Good Morning Stacy,

Please find our completed LCRA Firm Water Conservation Cost-Share Program Application for the Reunion Ranch Water Control and Improvements District. As per our phone conversation, we will also be submitting a physical copy of the application that includes the original signatures via mail. If you have any questions or if you find that something is missing during your administrative completeness phase of our application, feel free to reach out to Andrea and I. We would be happy to provide anything you need.

Thank you again for helping us through this process, and we look forward to hearing back from you.

Sincerely,

Evan Parker

Murfee Engineering Company, Inc. 1101 Capital of Texas Highway South, Building D Austin, TX 78746 (512) 327-9204





Reunion Ranch WCID

General Manager Reports for the month of

December 2021

Board Meeting: January 18th, 2021

Reviewed By: Kristi Hester Date: 01.10.22



14050 Summit Dr, Ste 103 Austin, TX 78728 (T) 512.246.0498 (F) 512.716.0024 www.inframark.com

Memorandum for: Board of Directors Reunion Ranch WCID

From: Kristi Hester Date: 01/18/2021

Subject: General Manager's Executive Summary

Below is a summary of activities since the last Board Meeting:

Agenda Item 14

A. Administrative

Nothing significant to report

B. WWTP/Collection System

- All facilities are in compliance for the month of December; plant is at 70% capacity; total flows are 1.7 MG; average flows are 56,000 GPD.
- Contacted outside vendors to submit proposal for drip skid cover. If no response, Inframark construction crew will install.

C. Wastewater Grinder Stations

• Nothing significant to report.

D. Effluent Irrigation System and Fields

- Conducted monthly inspection of irrigation fields.
- Nothing significant to report.

E. Distribution & Collection, Lift Stations

- Water accountability at 93% for the month of December.
- EPA announcement of nationwide monitoring for PFAS and lithium in drinking water enclosed.
- Fire Hydrant and valve survey proposals enclosed.
- Manhole survey has been scheduled for January.

F. Billing Adjustments

No adjustments requested.

G. Delinquencies

- Mailed 12 Delinquent Letters; 0 Hung; 0 Red Tags
- Worked proactively with Heyl Homes to prevent 8 accounts from being disconnected.

H. Customer Meter Issues

Completed 3 re-reads in December. No other issues reported.

I. Customer and Resident Complaints

No complaints received.

J. Stormwater Conveyance and Pond Maintenance

- Inframark conducted pond inspections on detention ponds on December 21st.
- WQP 3-3 G.A.R Excavation is using Pond entrance to access backyard of 3132 Reunion Ranch. Notified HOA.
- Aquatic Features water retention pond inspection reports included for review.

K. Landscaping

Nothing significant to report.

L. Water Quality Notices to Residents

No issues reported.

M. Out of District Water/Wastewater Requests

No request received.

N. District Property and Greenspace Use

Working with HOA on greenspace access from contractors.

O. Maintenance Access

No issues to report.

P. Cyber Security

Provided report at December meeting.

Q. Declaration of Surplus District Property; Sale of sludge box

Inframark is in contact with potential buyers.

Construction

- Erosion control report attached for review.
- Several conversions with builders and residential contractors on potential violations.
- Meet with the committee on Jan 7th regarding the progress made.

Current Items Requiring Board Approval:

Vendor	Amount	Budgeted	Description	Work Order #
Inframark	\$5,950.00	Yes	Fire hydrant survey	
Inframark	\$4,290.00	Yes	Distribution system valve survey	

Estimate



Prepared for: Reunion Ranch

Survey Type: Distribution System Valve Survey

Attn: Kay Olsen

Account Manager

Inframark is pleased to present the following <u>estimate</u> to perform an inspection of the district's distribution valves.

Scope of Work

Approximate Valves: 66 * Distribution Valves

- 1. \$65.00 per valve
- 2. Each valve will be inspected for signs of deterioration and defects
- 3. Each valve will be exercised fully closed and opened
- 4. Sizes, positions, and depths will be noted
- 5. Photographs will be taken for each valve inspected
- 6. GPS location will be collected and documented for each valve

Upon completion of the survey the District will be provided access to an electronic copy of the report A copy can also be provided on a flash drive upon request.

The report will contain a summary of the survey reflecting total number inspected, deficiencies found and cost estimates for repairs.

*- The number of valves shown are provided from the District's Engineer or pulled from the District's maps. In the event we discover more valves while onsite we will perform an inspection on those as well and they will be billed additionally.

Estimated Cost

Cost per each: \$ 65.00

Total Estimate: \$ 4,290.00

Victor Leach

Field Service Manager

Estimate



Prepared for: Reunion Ranch

Survey Type:

Fire Hydrant Inspection

Attn:

Kay Olsen

Account Manager

Inframark is pleased to present the following <u>estimate</u> to perform an Inspection of the district's fire hydrants and hydrant isolation valves.

Scope of Work

Approximate Fire Hydrants and adjoining Isolation Valves: 34 *

- 1. \$ 175.00 Per fire hydrant and adjoining isolation valve
- 2. Each fire hydrant and isolation valve will be inspected for damage or defects
- 3. Each fire hydrant will be exercised fully open and closed
- 4. Each isolation valve will be exercised fully closed and opened
- 5. Clean and inspect threads on all 3 caps and lubricate with food grade anti seize.
- 6. GPS coordinates will be collected for each fire hydrant and isolation valve
- 7. Photo will be taken of each fire hydrant and isolation valve inspected
- 8. Fill the hydrant's bonnet with oil as needed or grease stem with food grade grease if required
- 9. Oil and Lubricants will be billed at the District's standard markup rate.

Upon completion of the Inspection the District will be given access to an electronic copy of the report and a copy can be provided on a flash drive upon request.

The report will contain a summary of the inspection reflecting total number inspected, deficiencies found and cost estimates for repairs.

*- The number of fire hydrants was pulled from the District's map. In the event we discover more hydrants while onsite we will perform an inspection on this as well and they will be billed additionally.

Estimated Cost

Cost per each: \$175.00

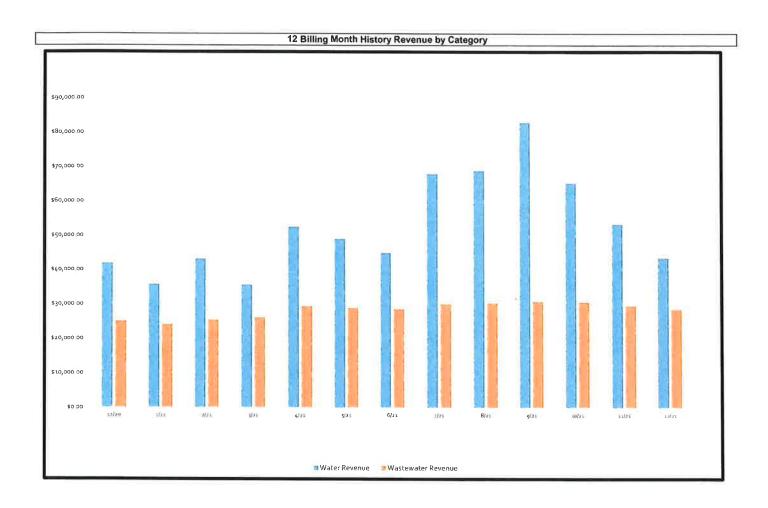
Total Estimate: \$5,950.00

Victor Leach

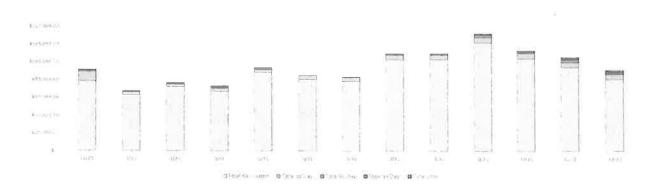
Field Service Manager



Description	Connection	s	Variance
	Dec-20	Dec-21	
Residential	481	513	32
Commercial - HOA	14	14	
Hydrant	0		- 20
Tracking	1	1	240
Reclaimed	398	-	
Total Number of Accounts Billed	496	528	32
	Co	nsumption	
Residential	4.792.000	6,742,000	1,950,000
Commercial - HOA	808,000	1.568.000	760,000
Hydrant	10.		
Tracking	5.0		
Reclaimed			
Total Gallons Consumed	5,600,000	8,310,000	2,710,000
	Averag	e Consumption	
Residential	9,963	13,142	3,180
Commercial - HOA	57,714	112,000	
Hydrant	0	0	500
Tracking		-	- 2
Reclaimed			
Avg Water Use for Accounts Billed	11,290.32	15,738.64	4,448
Total Billed	68,722	72,454	3,732
Total Aged Receivables	9,763	6,651	(3,111
Total Receivables	78,485	79,105	620



12 Month Accounts Receivable and Collections Report



Date	Total Receivable			Total 30 Day		Total 60 Day	Total 9	30 Day	Total 120+	
12/20	\$	78,484.70	\$	10,467.78	\$	1,635,25	\$	4.25	\$	150.00
1/21	\$	62,838,23	\$	2,826.80	\$	1,230.94	S		\$	150.00
2/21	\$	71,868,27	\$	2,651.64	\$	710.54	\$	963.56	\$	150.00
3/21	\$	66,589.70	\$	3,275,28	\$	1,024.60	\$	514.93	\$	1,113.56
4/21	\$	87,819.19	\$	3,097,37	\$	518.88	\$	445.96	\$	1,628.49
5/21	\$	80,520.21	\$	3,945.96	5	72.97	S		\$	150.00
6/21	\$	77,784.01	S	4,302.55	\$	438.49	\$	72.97	\$	150.00
7/21	\$	102,933.47	S	4,971.98	S	1,167,63	\$	85.28	\$	150.00
8/21	\$	102,933.47	S	4,971.98	\$	1,167.63	\$	85.28	\$	150.00
9/21	\$	121,915.16	\$	5,867,72	\$	2,597.16	\$	515.36	\$	883.24
10/21	\$	103,732.02	\$	6,037.42	\$	874.22	S	794.69	\$	1,284.78
11/21	\$	94,061.57	\$	5,496.67	\$	2,920.03	\$	716.74	\$	2,046,95
12/21	\$	80,792.28	\$	5,453.42	\$	971.26	\$	1,235.08	\$	2,288.73
Board Consideration to Wr	ite Off	\$0.00								

 Board Consideration to Write Off
 \$0.00

 Board Consideration Collections
 \$0.00

 Delinquent Letter Mailed
 12

 Delinquent Tags Hung
 8

 Disconnects for Non Payment
 N/A



Water Production and Quality

Water Quality Monitoring

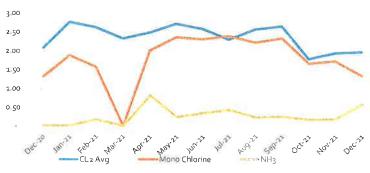
Current Annual Avg

State Requirements Must Be Above .50

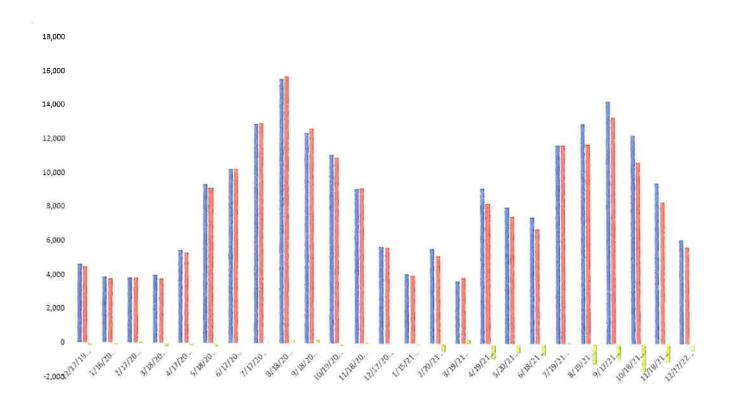
Date	CL2 Avg	Mono Chlorine	NH3
Dec-20	2.07	1.31	0.01
Jan-21	2.76	1.87	0.01
Feb-21	2.62	1.57	0.17
Mar-21	2.32	0.00	0.00
Apr-21	2.48	2.00	0.81
May-21	2.71	2.35	0.23
Jun-21	2.57	2.30	0.34
Jul-21	2.29	2.38	0.42
Aug-21	2.56	2.21	0.22
Sep-21	2.64	2.32	0.24
Oct-21	1.77	1.65	0.16
Nov-21	1.92	1.71	0.17
Dec-21	1.95	1.32	0.56

2.36

CL2 Avg-Mono Chlorine - NH3



Water Accountability Report

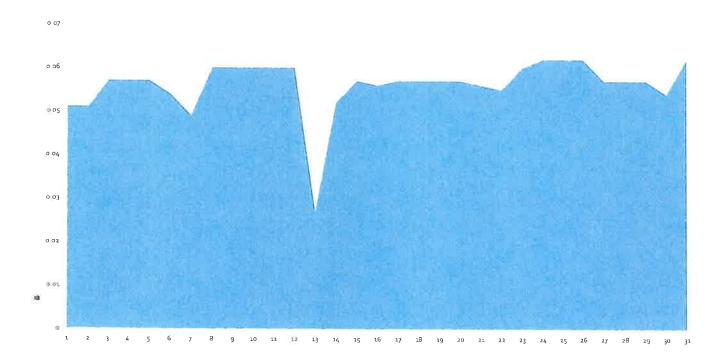


		Number of	Master	Billed	Flushing	Gal.s		Accounted
Month	Read Date	Connections	Meters	Use	/Other	Loss (-)	% Loss	For
December 19	12/17/19	424	4,622	4,461	5	(156)	-3.38%	96.62%
January 20	1/16/20	426	3,910	3,792	10	(108)	-2.77%	97.23%
February 20	2/17/20	432	3,820	3,840	9	29	0.75%	100.75%
March 20	3/18/20	443	3,996	3,793	8	(195)	-4.89%	95.11%
April 20	4/17/20	453	5,479	5,326	7	(146)	-2.66%	97.34%
May 20	5/18/20	459	9,377	9,157	8	(212)	-2.26%	97.74%
June 20	6/17/20	463	10,260	10,251	7	(2)	-0.10%	99.99%
July 20	7/17/20	468	12,895	12,956	. 1	62	0.48%	100.48%
August 20	8/18/20	474	15,588	15,754	8	174	1.12%	101.12%
September 20	9/18/20	481	12,398	12,644	8	254	2.05%	102.05%
October 20	10/19/20	485	11,108	10,956	7	(145)	-1.31%	98.69%
November 20	11/18/20	489	9,106	9,129	8	31	0.34%	100.34%
December 20	12/17/20	496	5,686	5,658	0	(20)	-0.48%	99.52%
January 21	1/15/21	498	4,118	3,998	7	(113)	-2.75%	97.25%
February 21	2/20/21	502	5,619	5,175	0	(444)	-7.90%	92.10%
March 21	3/19/21	504	3,695	3,920	15	240	6.49%	106.49%
April 21	4/19/21	506	9,134	8,227	5	(902)	-9.88%	90.12%
May 21	5/20/21	506	8,030	7,512	0	(518)	-6.45%	93.55%
June 21	6/18/21	516	7,447	6,752	7	(688)	-9.24%	90.76%
July 21	7/19/21	519	11,704	11,712	7	15	0.12%	100.12%
August 21	8/19/21	523	12,965	11,748	7	(1,210)	-9.33%	90.67%
September 21	9/17/21	524	14,381	13,352	11	(1,018)	-7.08%	92.92%
October 21	10/18/21	526	12,125	10,668	10	(1,447)	-11.94%	88.06%
November 21	11/18/21	527	9,390	8,376		(1,000)	-10.65%	89.35%
December 22	12/17/21	528	6,118	5,680		(429)	-7.01%	92.99%



Wastewater Production and Quality

Wastewater Flows for the Month of December



For the Month of December				
Flow WWTP (Avg.)	0.08 MGD	0.056 MGD	Yes	70.2%
BOD (Avg)	20 mg/L	4.7 mg/L	Yes	
rss (Avg)	20 mg/L	3.0 mg/L	Yes	
Chlorine Residual (Min)	1.0 mg/L	1.8 mg/L	Yes	
PH (Min)	6.0 Std Units	7.43 Std Units	Yes	
PH (Max)	9.0 Std Units	8.22 Std Units	Yes	

Reunion Ranch WCID Wastewater Flow Historical

* Water Leak at Rec Center

	Connections	Total Flows	Average	Avg Flow Per Connection	WWTP Capacity %
Dec-21	528	1,736,000	56,000	106	70%
Nov-21	527	1,718,400	57,000	108	71%
Oct-21	526	1,689,800	55,000	105	69%
Sep-21	524	1,274,000	42,000	80	84%
Aug-21	523	1,457,000	47,000	90	94%
Jul-21	519	1,391,000	45,000	87	90%
Jun-21	516	1,387,000	46,000	89	92%
May-21	506	1,370,000	44,000	87	88%
Apr-21	506	1,189,000	40,000	79	80%
Mar-21	504	1,472,000	48,000	95	96%
Feb-21	502	1,234,000	44,000	88	88%
Jan-21	498	1,640,000	53,000	106	106%
TOTALS		17,558,200	48,083.33	93	86%
Dec-20	496	1,715,000	55,000	111	110%
Nov-20	489	1,466,000	49,000	100	98%
Oct-20	485	1,543,000	50,000	103	100%
Sep-20	481	1,511,000	50,000	104	100%
Aug-20	474	1,661,000	54,000	114	108%
Jul-20	468	1,542,000	50,000	107	100%
Jun-20	463	1,594,000	53,100	115	106%
May-20	459	1,545,000	49,800	108	100%
Apr-20	453	1,372,000	46,000	102	92%
Mar-20	443	1,344,000	43,000	97	86%
Feb-20	432	1,156,000	40,000	93	80%
Jan-20	426	1,129,000	36,000	85	72%
TOTALS		17,578,000	47,991.67	103	96%
Dec-19	424	1,171,000	38,000	90	76%
Nov-19	415	1,103,000	37,000	89	74%
Oct-19	407	1,167,000	38,000	93	76%
Sep-19	399	1,144,000	39,000	98	78%
Aug-19	389	1,306,000	42,000	108	84%
Jul-19	381	1,204,000	39,000	102	78%
Jun-19	371	1,038,000	35,000	94	70%
May-19	363	1,139,000	37,000	102	74%
Apr-19	358	1,017,000	33,000	92	66%
Mar-19	353	933,000	30,000	85	60%
Feb-19	347	807,000	29,000	84	58%
Jan-19	327	1,073,000	35,000	107	70%
TOTALS		13,102,000	36,000	95	72%



Open Work Orders for Pond maintenance & repair:

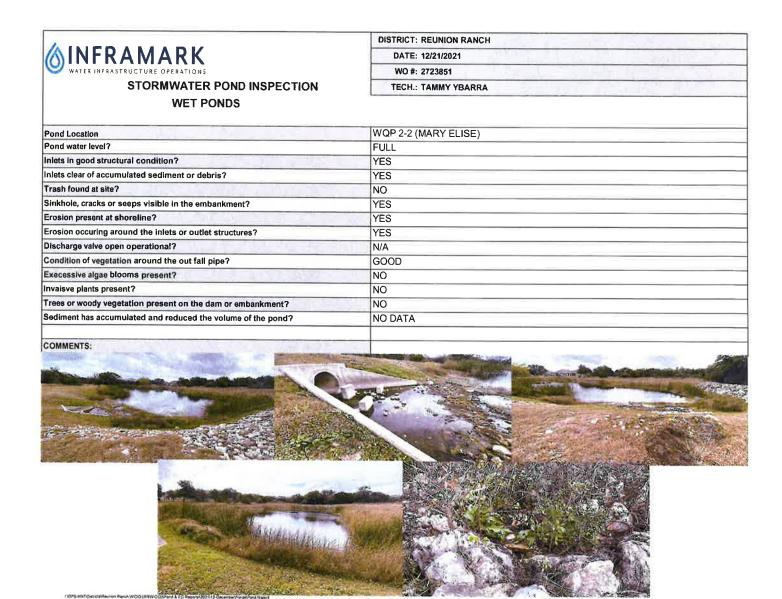
work has started
ork has started
move damaged
mc

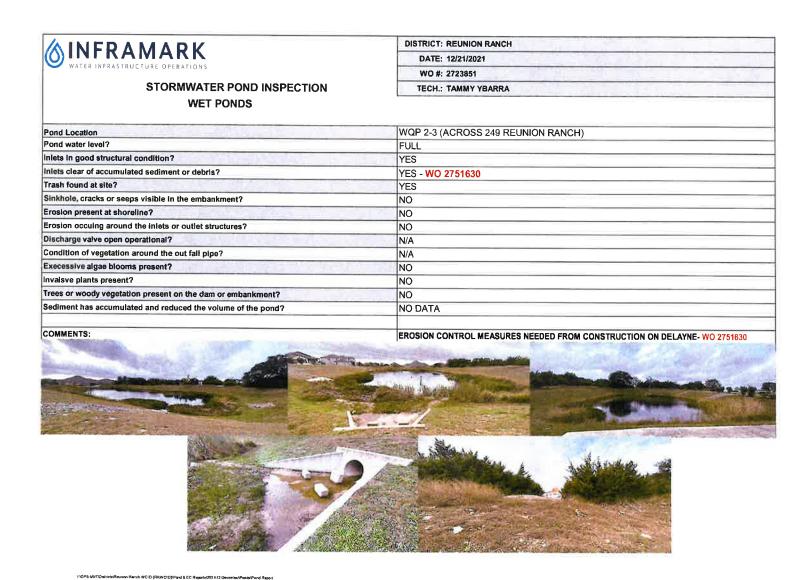


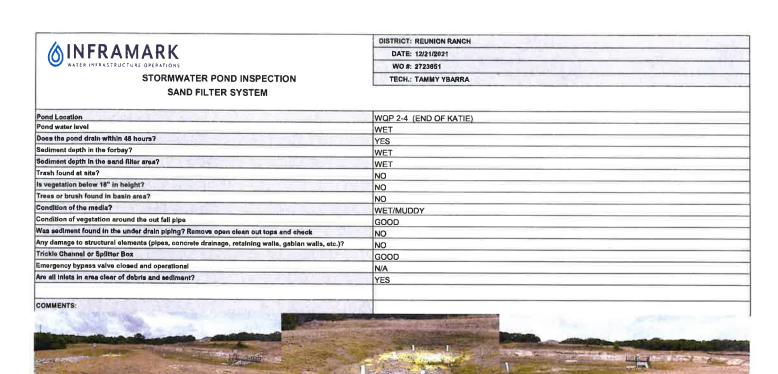
Completed Work Orders for Pond maintenance and repair:

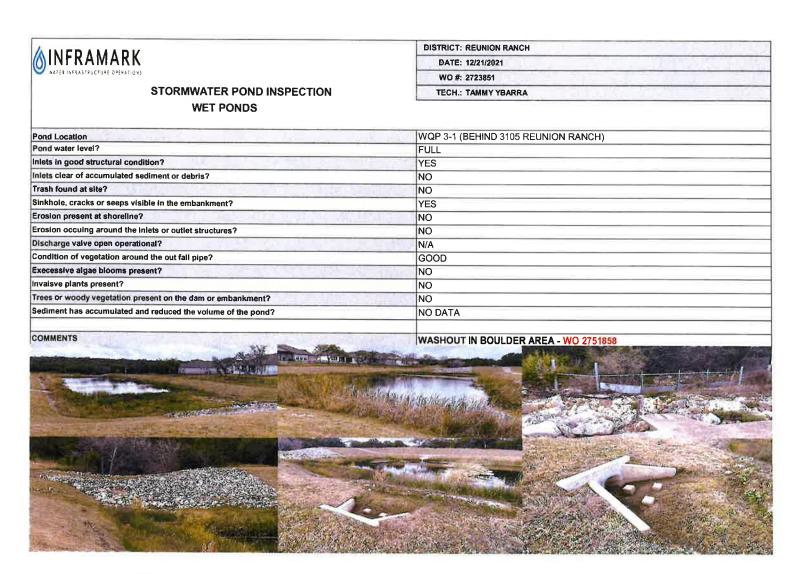
WO#:	Location:	Work scheduled:		
1701893	Mary Elise Way, DP 2-2	Add grass seed around Pond area		
1701898	Mary Elise Way, DP 2-2	Clean silt out of Inlet structure		
2053455	591B Katie Dr, DP 2-4	Replace rock that washed out on road to Pond		
2135542	Jacksdaw Dr, DP 3-1	Erosion issue at outfall/spillway, area around erosion control fabric and french drain s eroding		
2155301	Mary Elise Way, DP 2-2	Clean Inlet		
2155305	Reunion Blvd, DP 2-3	Clean Inlet		
2276034	Jacksdaw Dr, DP 3-1	Clean Inlet – full of silt		
2276039	Reunion Blvd, DP 2-3	Clean Inlet – full of vegetation and silt		
2319072	591B Katie Dr, DP 2-4	Replace broken stack located in the sand basin		
2319078	591B Katie Dr, DP 2-4	Clean Inlet by fence on far right, clean deep ditch inlet in back		
2319098	Jacksdaw Dr, DP 3-1	Clean Inlet		
2367082	591B Katie Dr, DP 2-4	Clean silt out of sand bay area so it will drain, clean splitter box – clean silt so it won't hold water, grade in front of splitter box in front of inlet		
2387972	RRWCID District Area	Clean all storm outlets as identified on TCEQ Inspection		
2466755	591B Katie Dr, DP 2-4	Replaced lock on gate		
2483580	591B Katie Dr, DP 2-4	Reset No Trespassing sign		
2483622	Mary Elise Way, DP 2-2	Safety issue on trail, Metal edging above ground, replace missing red/white striped gate arm		
2396347	Jacksdaw Dr, DP 3-1	Clean silt from inlet – holding water		
2543838	Jayne CV	Needs cleaning, remove leaves		
2546492	Reunion Blvd, DP 2-3	Clean Inlet		

2617180	Reunion Ranch Blvd, DP 2-3	Weld Ring onto end of gate to secure chain, clean inlets
2619039	Denise Cove Storm Drain	Clear vegetation from Bull Rock, remove sediment from inlet
2396357	Mary Elise Way, DP 2-2	Clean silt & vegetation from inlet – holding water – work has started
2275994	591B Katie Dr, DP 2-4	Investigate deep trench, remove vegetation – work has started
2646427	Reunion Ranch DP 2-3	Re-investigate if loop is still welded to gate to attach chain
2722342	591B Katie Dr, DP 2-4	Clean sediment from inlet
2723264	Mary Elise Way, DP 2-2	Brush removal
2751630	Reunion Blvd DP 2-3	Clean sediment from inlet

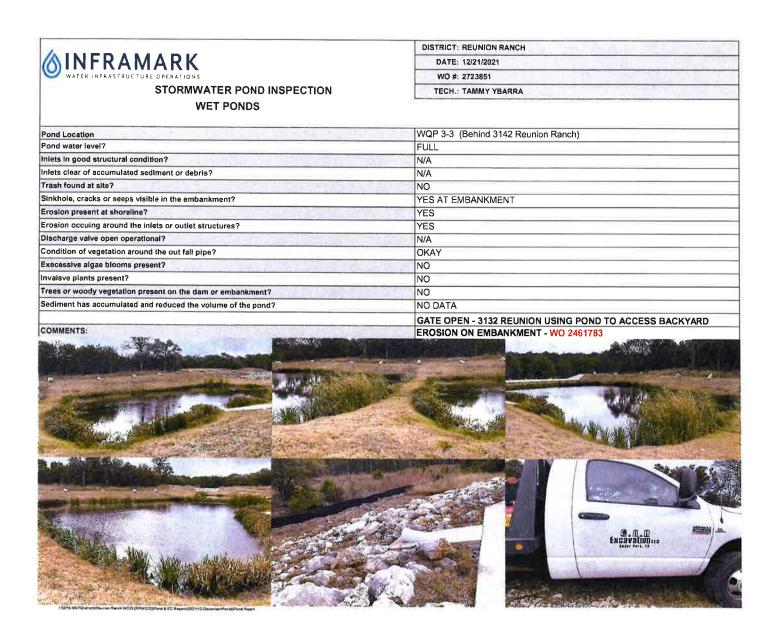


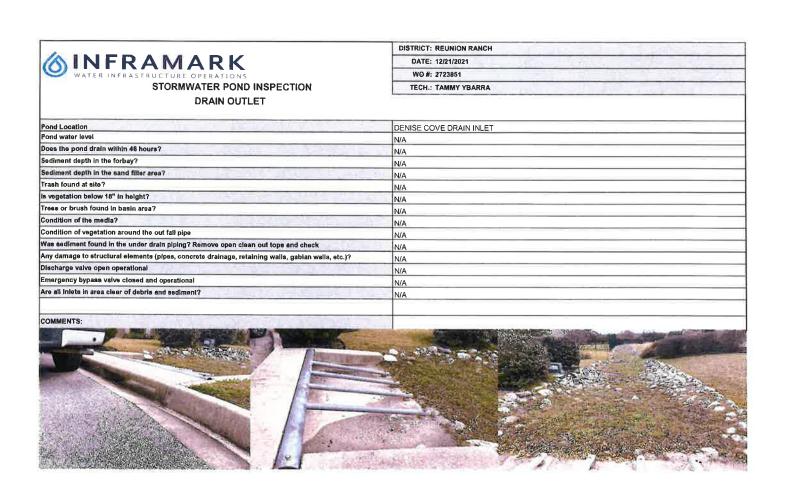






) NOPS-MNT/Ontrets/Reurison Ranich WCID (RRWCID)/Pond & EC Reports/2021/12-December/Ponds/Pond Report





TIVPS-MNT UsethictpWevmon Renich W.C-O (RRW CX)VPs-vd & 6C Reports/2021\12-O accember Ponds/Pond Report

A INTER AND A DIC	DISTRICT: REUNION RANCH					
OINFRAMARK WATER INFRASTRUCTURE OPERATIONS	DATE: 12/21/2021					
WATER INFRASTRUCTURE OPERATIONS	WO #: 2723861					
STORMWATER POND INSPECTION	TECH.: TAMMY YBARRA					
Pond Location	Tutte come comm					
Pond position	JANE COVE DRAIN N/A					
loes the pond drain within 48 hours?	N/A					
ediment depth in the forbay?	N/A					
iediment depth in the sand filter area?	N/A					
rash found at site?	N/A					
vegetation below 18" in height?	N/A					
rees or brush found in basin area?	N/A					
ondition of the media?	N/A					
ondition of vegetation around the out fall pipe	N/A					
Vas sediment found in the under drain piping? Remove open clean out tops and check	N/A					
ny damage to etructural elements (pipes, concrete drainage, retaining walls, gabian walls, etc.)?	N/A					
lischarge valve open operational	N/A					
mergency bypass valve closed and operational	N/A					
ke all inlets in area clear of debris and sediment?	N/A					
COMMENTS	HAS SEDIMENT, DRY LEAVES AND VEGETATION - WO 2751878					

Pond Maintenance Report												
Aquatic Features, Inc.			RR BLVD									
6611 Burnet Lane												
Austin, TX 78757												
Service Dates	12th,26th	6th,25th	11th, 22nd	13th.27th	14th,28th	14th.29th	15th,30th	13th,27th	16th.30th	6th.29th	15th.29th	15th.30th
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aust	Sep	Oct	Nov	Des
I) Debris and litter removal	<10 gallons	<10 gallons	<10 gallons	<10 gailons	<10 gallons	<10 gallons		<10 gallons				10 Gallon
Vegetation condition for water quality	Good	Good	Good	Goad	Gaod	Good	Good	Good	Good	Good	Good	Good
3) Control of Nusance Vegetation- Chemical Applications	None	Yes	Yes	Yes	Yes	None	Yes	None	None	Yes	Yes	None
Algae #NAME?	None	Yes	None	Yes	Yes	None	Yes	None	None	Yes	Yes	None
Marginal/Shore Plants	None	None	Yes	None	None	None	None	None	None	None	None	None
Submerged Plants	None	None	Yes	None	None	None	None	None	None	None	None	None
invasives: Mosquite, Willow, Salt Cedar	None	None	None	None	None	None	None	None	None	None	None	Nane
Vegetation removal or request for removal	None	None	None	None	None	None	None	None	None	None	None	None
Monitor slopes inside, top and outside pond banks	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	None
Monitor Inlet and Outlet and Concrete Ramps Structures	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Sedimenation build up	Minimal	Minimal	Minimal	Minimal	Minimal	Minimal	Minimal	Minimal	Minimal	Minimal	Minimal	Present
7) Monitor fountain												
Control panel timers, float, lights, cable, moorings							_					
Mosquito fish	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
	None	None	Nane	None	None	None	None	None	None	None	None	None

Pond Maintenance Report												
Aquatic Features, Inc.			JACKSDA	w								
6611 Burnet Lane												
Austin, TX 78757												
Service Dates	12th,26th	6th,25th	11th, 22nd	13th,27th	14th,28th	14th,29th	15th,30th	13th,27th	16th,30th	6th,29th	15th,29th	15th,30th
	Jan	Feb	Mar	Apr	May	lyn	Jul	Aug	Sep	Oct	Nov	Oec
1) Debris and litter removal	<10 gallons	20 gallons										
2) Vegetation condition for water quality	Good	Good										
3) Control of Nusance Vegetation- Chemical Applications	None	None	Yes	Yes	Yes	None	Yes	None	None	Yes	Yes	None
Algae	None	None	None	Yes	Yes	Nane	Yes	None	Nane	Yes	None	None
Marginal/Shore Plants	None	None	Yes	None	Yes	None						
Submerged Plants	None	None	Yes	None	Nane	None	None	Nane	None	None	None	Nane
Invasives: Mosquite, Willow, Salt Cedar	None	Yes	None									
4) Vegetation removal or request for removal	None	None										
5) Monitor slopes inside, top and outside pond banks	Good	None										
Monitor Inlet and Outlet and Concrete Ramps Structures	Good	Good										
Sedimenation build up	Minimal	Mintmal	Minimal	Minimal								
7) Monitor fountain												
Control panel timers, float, lights, cable, moorings												
Mosquito fish	Present	Present										
9) Unusal occurences and Notes	None	None										

Pond Maintenance Report Aquatic Features, Inc.			WINDMI									
6611 Burnet Lane			ANIIADIAII	LL								
Austin. TX 78757												
Service Dates	12th,26th	6th,25th	11th, 22nd	13th,27th	14th, 28th	14th,29th	15th,30th	13th.27th	16th.30th	6th,29th	15th,29th	15th.30th
Service Bates	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1) Debris and litter removal	<10 gallons		<10 gallons		<10 gallons		<10 gallons					
2) Vegetation condition for water quality	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
3) Control of Nusance Vegetation- Chemical Applications	None	None	Yes	Yes	Yes	None	Yes	None	None	Yes	Yes	None
Algae	None	None	None	Yes	Yes	None	Yes	None	None	Yes	None	None
Marginal/Shore Plants	None	None	Yes	None	None	None	None	None	None	None	Yes	None
Submerged Plants	None	None	Yes	None	None	None	None	None	None	None	None	None
Invasives: Mosquite, Willow, Salt Cedar	None	None	None	None	None	None	None	None	None	None	Yes	Nane
4) Vegetation removal or request for removal	None	None	None	None	None	None	None	None	None	None	None	None
5] Monitor slopes inside, top and outside pond banks	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
6) Monitor Inlet and Outlet and Concrete Ramps Structures	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good
Sedimenation build up	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7) Monitor fountain Control panel timers, float, lights, cable, moorings												
control patier tillers, float, lights, cadle, filodrings							_					
8] Mosquito fish	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
9) Unusal occurences and Notes	None	None	None	None	None	None	None	None	None	None	None	None

⊗INFRAMARK	12/07/2021 Erosion Control Inspection Report								
WATER INFRASTRUCTURE CRITATIONS	NALLE /	Operator:	PHIL KEYE	S					
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE					
362 DELAYNE DR (LOT 16)	YL	4	1						

BRN - bull rock needed;	EC measures not held during	g rain event
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CS - clean street and/or curb area

CW - concrete washout, repair, not holding or needed

ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.

OF - orange fencing; repair or needed

PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed

RSF - repair silt fencing; replace, extend or needed

SCO - sewer cap off; repair/missing 4" or 6" adaptor plug

SIP - storm inlet protection; repair, replace, clean or needed

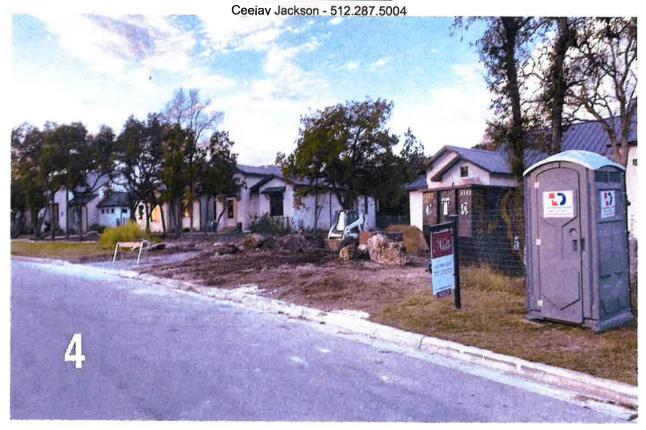
TCB - trash containment box; broken, over full or not contained

YL - yard loamed out, needs sod within 5 days

OTHER - as described in report

3rd Violation	\$500
4th Violation	\$750
After 4th	
Violation is	
\$750	
Increments.	

Inframark CONTACTS:



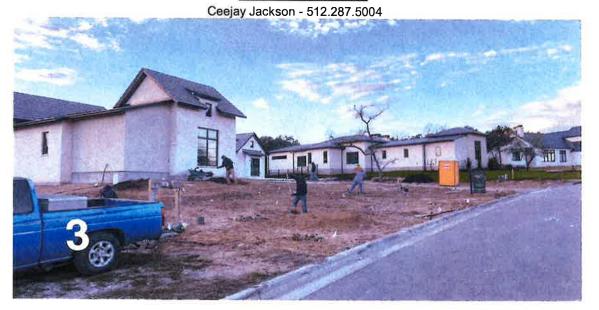
OINFRAMARK AATEE INFRAST TO VOTUBE OPERATORIS	12/07/2021 Erosion Control Inspection Report								
	HEYL/	Operator:	PHIL KEYES						
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE					
LOT 23 DELAYNE DR	YL	3	1						

LLGLND		
BRN - bull rock needed; EC measures not held during rain event	3rd Violation	\$500
CS - clean street and/or curb area	4th Violation	\$750
CW - concrete washout, repair, not holding or needed	After 4th	
ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.	Violation is	
OF - orange fencing; repair or needed	\$750	
PBC - properly bed and cover; sewer/water lines, inspection/reinspection nee	Increments.	
RSF - repair silt fencing; replace, extend or needed		

YL - yard loamed out, needs sod within 5 days OTHER - as described in report

SCO - sewer cap off; repair/missing 4" or 6" adaptor plug SIP - storm inlet protection; repair, replace, clean or needed TCB - trash containment box; broken, over full or not contained

Inframark CONTACTS:



ÖINFRAMARK	12/07/2021 Erosion Control Inspection Report								
Anna maratragerma patrangal	TAYLOR MORRISON / Operator: PHIL KEYES								
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE					
361 KATIE DR	ТСВ	1	3	\$500					

BRN - bull rock needed; EC measures not held during rain event

CS - clean street and/or curb area

CW - concrete washout, repair, not holding or needed

ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.

OF - orange fencing; repair or needed

PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed

RSF - repair silt fencing; replace, extend or needed

SCO - sewer cap off; repair/missing 4" or 6" adaptor plug

SIP - storm inlet protection; repair, replace, clean or needed

TCB - trash containment box; broken, over full or not contained

YL - yard loamed out, needs sod within 5 days

OTHER - as described in report

3rd Violation \$500 4th Violation \$750 After 4th \$750

Violation is

\$750

Increments.

Inframark CONTACTS:

Ceejay Jackson - 512.287.5004



⊘INFRAMARK	12/07/2021 Erosion Control Inspection Report								
ann annungg zeen pa		Operator: PHILP I	KEYES	MANY N					
OWNER	ADDRESS	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE				
VESS JESSICA E	225 5	5014							
JAMES D	– 235 Emma	ECM	5	1					
vess.jessica@gmail.com									
	-								

BRN - bull	l rock needed;	EC measures i	not held	during	rain event
------------	----------------	---------------	----------	--------	------------

CS - clean street and/or curb area

CW - concrete washout, repair, not holding or needed

ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.

OF - orange fencing; repair or needed

PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed

RSF - repair silt fencing; replace, extend or needed

SCO - sewer cap off; repair/missing 4" or 6" adaptor plug

SIP - storm inlet protection; repair, replace, clean or needed

TCB - trash containment box; broken, over full or not contained

YL - yard loamed out, needs sod within 5 days

OTHER - as described in report

3rd Violation \$500 4th Violation \$750 After 4th

After 4th Violation \$750 Increments

Inframark CONTACTS:

Ceejay Jackson - 512.287.5004



ÖINFRAMARK	12/14/2021 Erosion Control Inspection Report					
WATER INFRASTAUCIURE OPERATIONS	GROUP THREE / Operator: PHIL KEYES					
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE		
Lot 28 Delayne	RSF	3	1	\$500		
		+				

LEGEND		
BRN - bull rock needed; EC measures not held during rain event	1st Violation	\$500
CS - clean street and/or curb area	2nd Violation	\$750
CW - concrete washout, repair, not holding or needed	After 2nd	
ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.	Violation	
OF - orange fencing; repair or needed	\$750	
PBC - properly bed and cover; sewer/water lines, inspection/reinspection nee	Increments	
RSF - repair silt fencing; replace, extend or needed		
SCO - sewer cap off: repair/missing 4" or 6" adaptor plug		

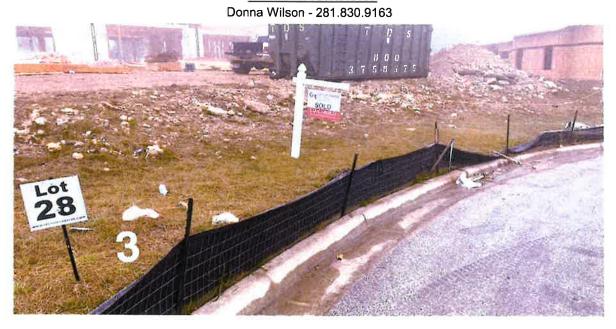
YL - yard loamed out, needs sod within 5 days

SIP - storm inlet protection; repair, replace, clean or needed TCB - trash containment box; broken, over full or not contained

OTHER - as described in report

Note: District may charge for District property replacement cost or trash removal at cost plus 15%

Inframark CONTACTS:



ÖINFRAMARK	12/14/2021 Erosion Control Inspection Report					
WATER INFRASTRUCTURE OPERATIONS	J. BYRON / Operator: PHIL KEYES					
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE		
342 DELAYNE	SIP	2	1	\$500		

BRN - bull rock needed; EC measures not held during rain event	1st Violation	\$500
CS - clean street and/or curb area	2nd Violation	\$750
CW - concrete washout, repair, not holding or needed	After 2nd	
ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.	Violation	
OF - orange fencing; repair or needed	\$750	
PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed	Increments	
RSF - repair silt fencing; replace, extend or needed		
SCO - sewer cap off; repair/missing 4" or 6" adaptor plug		
SIP - storm inlet protection; repair, replace, clean or needed		
TCB - trash containment box; broken, over full or not contained		
YL - yard loamed out, needs sod within 5 days		
OTHER - as described in report		

Note: District may charge for District property replacement cost or trash removal at cost plus 15%

<u>Inframark CONTACTS:</u> Donna Wilson - 281.830.9163



OINFRAMARK WATER INFRASTRUCTURE OPERATIONS	12/14/2021 Erosion Control Inspection Report HEYL / Operator: PHIL KEYES					
WATER INFRASTRUCTURE OPERATIONS						
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE		
LOT 23 DELAYNE DR	SIP	4	1	\$500		
Change SIP to same a	s 322 Delayne					

1st Violation	\$500
2nd Violation	\$750
After 2nd	
\$750	
Increments	
	2nd Violation After 2nd Violation \$750

Note: District may charge for District property replacement cost or trash removal at cost plus 15%

Inframark CONTACTS: Donna Wilson - 281.830.9163

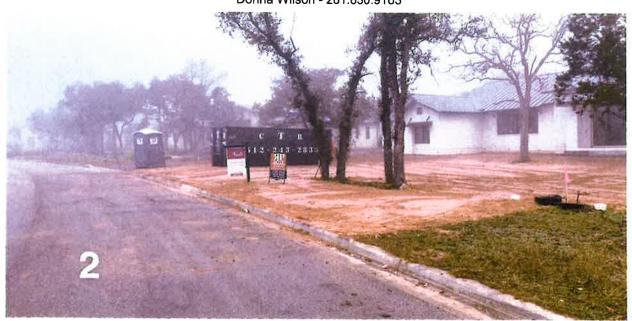


OINFRAMARK WATER INVERSIBLE TURK OPERATIONS	12/14/2021 Erosion Control Inspection Report					
	NALLE / Operator: PHIL KEYES					
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE		
362 DELAYNE DR (LOT 16)	YL	2	1	\$500		

LEGEND		
BRN - bull rock needed; EC measures not held during rain event	1st Violation	\$500
CS - clean street and/or curb area	2nd Violation	\$750
CW - concrete washout, repair, not holding or needed	After 2nd	
ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.	Violation	
OF - orange fencing; repair or needed	\$750	
PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed	Increments	
RSF - repair silt fencing; replace, extend or needed		
SCO - sewer cap off; repair/missing 4" or 6" adaptor plug		
SIP - storm inlet protection; repair, replace, clean or needed		
TCB - trash containment box; broken, over full or not contained		
YL - yard loamed out, needs sod within 5 days		
OTHER - as described in report		

Note: District may charge for District property replacement cost or trash removal at cost plus 15%

<u>Inframark CONTACTS:</u> Donna Wilson - 281.830.9163



⊘INFRAMARK	12/21/2021 Erosion Control Inspection Report						
WIER INFRASTRUCTURE OPERATIONS	TAYLOR MORRISON / Operator: PHIL KEYES						
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE			
148 JACKSDAW	ECM	2	1	\$500			
				\$500			

1st Violation	\$500
2nd Violation	\$750
After 2nd	
MAC 2012 2012	

SIP - storm inlet protection; repair, replace, clean or needed

TCB - trash containment box; broken, over full or not contained

YL - yard loamed out, needs sod within 5 days

OTHER - as described in report

Note: District may charge for property replacement or trash removal at cost plus 15%

Inframark CONTACTS:



⊗INFPAMARK	12/22/2021 Erosion Control Inspection Report					
OINFRAMARK WATER IMPRASTRIBLE TO DE PATIONS	Operator: PHILP KEYES					
OWNER	ADDRESS	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE	
Jessica Vess	235 EMMA LOOP	ECM	3	1	\$500	

vess.jessica@gmail.com

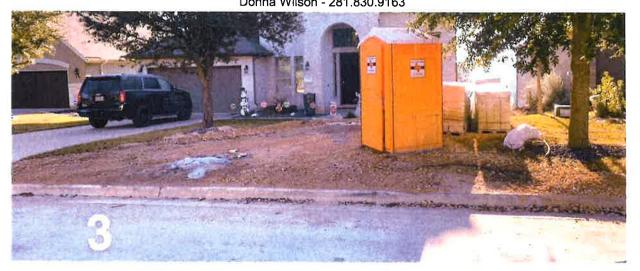
LEGEND

BRN - bull rock needed; EC measures not held during rain event	1st Violation	\$500
CS - clean street and/or curb area	2nd Violation	\$750
CW - concrete washout, repair, not holding or needed	After 2nd	
ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.	Violation	
OF - orange fencing; repair or needed	\$750	
PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed	Increments	
RSF - repair silt fencing; replace, extend or needed		
SCO - sewer cap off; repair/missing 4" or 6" adaptor plug		
SIP - storm inlet protection; repair, replace, clean or needed		
TCB - trash containment box; broken, over full or not contained		
YL - yard loamed out, needs sod within 5 days		
OTHER - as described in report		

Fines may be levied per lot, per day

Note: District may charge for District property replacement cost or trash removal at cost plus 15%

Inframark CONTACTS: Donna Wilson - 281.830.9163



⊗INFPΛMΛD Κ	12/28/2021 Erosion Control Inspection Report TAYLOR MORRISON / Operator: PHIL KEYES				
OINFRAMARK WATER INFRASTRUCTURE OPERATIONS					
Reunion Ranch	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE	
361 KATIE	ТСВ	1	1	\$0	
148 JACKSDAW	ECM	3	2	\$750	

LEGEND		
BRN - bull rock needed; EC measures not held during rain event	1st Violation	\$500
CS - clean street and/or curb area	2nd Violation	\$750
CW - concrete washout, repair, not holding or needed	After 2nd	
ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.	Violation	
OF - orange fencing; repair or needed	\$750	
PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed	Increments	
RSF - repair silt fencing; replace, extend or needed		
SCO - sewer cap off; repair/missing 4" or 6" adaptor plug		

Fines may be levied per lot, per day

SIP - storm inlet protection; repair, replace, clean or needed TCB - trash containment box; broken, over full or not contained

YL - yard loamed out, needs sod within 5 days

OTHER - as described in report

Note: District may charge for property replacement or trash removal at cost plus 15%

Inframark CONTACTS:





OINFRAMARK	12/28/2021 Erosion Control Inspection Report Operator: PHILP KEYES				
VALEN INTRASTANCE OPERATIONS					
OWNER	ADDRESS	VIOLATION	PIC#	VIOLATION NUMBER	AMOUNT OF FINE
MCKENNA MELINDA	561 KATIE	FCM Cross Ball		4	
MCKENNA ROBERT	JOTINATIE	ECM - Green Belt			\$0
MELINDA@AUSTINREPS.COM					

BRN - bull rock needed; EC measures not held during rain event	1st Violation	\$500
CS - clean street and/or curb area	2nd Violation	\$750
CW - concrete washout, repair, not holding or needed	After 2nd	
ECM - EC measures needed; sod, silt fencing, mulch, curlex, geo textile, etc.	Violation	
OF - orange fencing; repair or needed	\$750	
PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed	Increments	
RSF - repair silt fencing; replace, extend or needed		
SCO - sewer cap off; repair/missing 4" or 6" adaptor plug		

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OTHER - as described in report

Fines may be levied per lot, per day

Note: District may charge for property replacement or trash removal at cost plus 15%

Inframark CONTACTS:

Ronja Keyes 281-608-4361



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EPA Announces Nationwide Monitoring Effort to Better Understand Extent of PFAS in Drinking Water

December 20, 2021

Contact Information

EPA Press Office (press@epa.gov)

WASHINGTON – Today, the U.S. Environmental Protection Agency (EPA) finalized the Fifth Unregulated Contaminant Monitoring Rule (UCMR 5) to establish nationwide monitoring for 29 per- and polyfluoroalkyl substances (PFAS) and lithium in drinking water. This action is essential to addressing the public health and environmental risks of PFAS in drinking water and marks a significant milestone in EPA's PFAS Strategic Roadmap.

"At EPA, we are advancing the science and the monitoring that are necessary to protect all communities from PFAS," **said EPA Administrator Michael S. Regan**. "With the data provided by this rule, EPA will be able to develop better regulations while the agency, states, and our local partners will be able to make protective public health decisions that are grounded in science."

EPA uses the Unregulated Contaminant Monitoring Rule to monitor for priority unregulated contaminants in drinking water every five years. UCMR 5 will collect new data on 29 PFAS that is needed to improve EPA's understanding of the frequency and magnitude at which these chemicals are found in the nation's drinking water systems. Additionally, expanded monitoring in UCMR 5 will improve EPA's ability to conduct state and regional assessments of contamination. This will enable analyses of potential Environmental Justice impacts on disadvantaged communities. This data will also serve as a potential source of information for systems with infrastructure funding needs for emerging contaminant remediation.

The Safe Drinking Water Act (SDWA), as amended by America's Water Infrastructure Act of 2018, now requires all drinking water systems serving between 3,300 and 10,000 people to participate in UCMR and specifies that a representative sample of systems serving fewer than 3,300 people participate, subject to the availability of appropriations and sufficient laboratory capacity. If the necessary funds are appropriated, the UCMR 5 will significantly expand the number of small drinking water systems participating in the program, which should provide more Americans with a better understanding of potential contaminants in their drinking water. The rule requires participating drinking water systems to collect samples from 2023-2025 and report final results through 2026.

EPA will hold multiple webinar meetings for stakeholders in 2022. Dates and times of the upcoming meetings will be posted on EPA's website at: https://www.epa.gov/dwucmr/unregulated-contaminant-monitoring-rule-ucmr-meetings-and-materials https://epa.gov/dwucmr/unregulated-contaminant-monitoring-rule-ucmr-meetings-and-materials.

More information on UCMR 5 may be found at: https://www.epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule https://epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule.

Background on UCMR

UCMR is a key provision of the SDWA that helps identify unregulated contaminants present in our drinking water supply. Every five years, EPA publishes a new UCMR to address a new set of priority unregulated drinking water contaminants. The National Defense Authorization Act for Fiscal Year 2020 (NDAA) (Public Law 116-92) amended SDWA and specifies that the Administrator shall include each PFAS in UCMR 5 for which

a drinking water method has been validated by the Administrator and that are not subject to a national primary drinking water regulation. The five-year UCMR 5 period spans 2022–2026, with UCMR 5 sample collection beginning in 2023 and continuing through 2025.

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LAST UPDATED ON DECEMBER 20, 2021

RESOLUTION AUTHORIZING SECRETARY'S APPOINTMENT OF AGENT TO PERFORM DUTIES DURING ELECTION PERIOD

THE STATE OF TEXAS

9999

COUNTY OF HAYS

REUNION RANCH WATER CONTROL AND IMPROVEMENT DISTRICT

WHEREAS, Reunion Ranch Water Control and Improvement District of Hays County (the "District") is a political subdivision of the State of Texas, operating pursuant to Chapters 49 and 51 of Texas Water Code (the "Water Code"); and

WHEREAS, the District is required by the Water Code to conduct elections for certain statutorily defined purposes; and

WHEREAS, all elections held within the State of Texas are governed by the procedures set forth in the Texas Election Code (the "Election Code"), except as otherwise noted therein; and

WHEREAS, Section 31.122 of the Election Code requires the secretary of a governing body of a political subdivision to keep his or her office open for election duties for at least three hours each day, during regular office hours, on regular business days during the period (a) beginning not later than the 50th day before the date of each general election of the political subdivision or the third day after the date a special election is ordered by an authority of the political subdivision; and (b) ending not earlier than the 40th day after election day; and

WHEREAS, Section 31.123 of the Election Code provides that, if the Secretary of the governing body of a political subdivision does not maintain an office during the hours and days required by Section 31.122 of the Election Code, the secretary must, subject to the approval of the political subdivision's governing body, appoint another officer or employee of the political subdivision as the secretary's agent to perform the duties set forth in Section 31.123 of the Election Code; and

WHEREAS, the secretary (the "Secretary") of the Board of Directors of the District (the "Board") does not maintain an office during the hours and days required by Section 31.122 of the Election Code and the Board desires to authorize the Secretary of the Board to appoint an agent in accordance with Section 31.123 of the Election Code;

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE BOARD OF DIRECTORS OF REUNION RANCH WATER CONTROL AND IMPROVEMENT DISTRICT OF HAYS COUNTY AS FOLLOWS:

Section 1. The Secretary is hereby authorized and directed to appoint the attorneys for the District, Willatt & Flickinger, PLLC, as the Secretary's agent to perform the duties set forth in Section 31.123 of the Election Code for each District election, and to post, on the

bulletin board used for posting notice of meetings of the Board, a notice containing the agent's name, the location of the agent's office, the agent's office hours, and duration of the agent's appointment. The notice will remain continuously posted during the minimum period required for maintaining an office under Section 31.122 of the Election Code.

Section 2. A copy of this Resolution will be filed in the official records of the District and will remain in full force and effect and apply to all elections of the District until the Board rescinds or repeals this Resolution or the applicable provisions of the Election Code are repealed or become inapplicable to the District.

Section 3. The meeting at which this Resolution has been considered and adopted was open to the public as required by law, and written notice of the time, place, and subject matter of the meeting, and of the proposed adoption of this Resolution, was given as required by the Texas Open Meetings Act, Chapter 551, Texas Government Code, and Chapters 49 and 51 of the Water Code. The Board hereby ratifies and confirms the written notice and the contents thereof.

PASSED AND APPROVED this 18th day of January, 2022.

REUNION RANCH WATER CONTROL AND IMPROVEMENT DISTRICT OF HAYS COUNTY

Dennis Daniel	-
President, Board of Directors	

ATTEST:

Ronald F. Meyer Secretary, Board of Directors

[DISTRICT SEAL]

NOTICE OF APPOINTMENT OF AGENT

TO ALL PERSONS INTERESTED IN THE MAY 7, 2022 DIRECTORS ELECTION FOR REUNION RANCH WATER CONTROL AND IMPROVEMENT DISTRICT OF HAYS COUNTY

Notice is hereby given that the undersigned, Secretary of the Board of Directors (the "Board") of Reunion Ranch Water Control and Improvement District of Hays County, Texas, acting pursuant to Section 31.123, Texas Election Code, has appointed Willatt & Flickinger, PLLC attorneys for the District, as the duly authorized agent of the Secretary of the Board (the "Agent") for all purposes for the District's Directors Election (the "Election") to be held on May 7, 2022. The office of the Agent is located at Willatt & Flickinger, PLLC, 12912 Hill Country Boulevard, Ste. F-232, Austin, Travis County, Texas 78738, a location outside of the District, and the telephone number is (512) 476-6604. The Agent will be available for election duties during the hours of 9:00 a.m. to 4:00 p.m., during regular office hours, on regular business days (Monday through Friday, except for holidays), beginning on March 18, 2022, the 50th day before the election day, and ending no earlier than June 16, 2022, the 40th day after the election day.

The Agent will maintain and make available for inspection and copying those documents described in Section 31.123(c) of the Texas Election Code and will receive any personally delivered document relating to the Election that the undersigned is authorized or required to receive. Additionally, the Agent will hereby be authorized to perform any ministerial duties in connection with the Election that may lawfully be performed.

This notice will be posted continuously on the board used for posting notices of meetings of the District during the time period described above.

Issued this 18th day of January, 2022

Ronald F. Meyer Secretary, Board of Directors Reunion Ranch Water Control and Improvement District of Hays County

AVISO DE NOMBRAMIENTO DEL AGENTE

PARA TODAS LAS PERSONAS INTERESADAS EN LA ELECCIÓN DE DIRECTORES DEL 7 DE MAYO DE 2022 PARA EL DISTRITO DE CONTROL Y MEJORAS DE AGUA DE REUNION RANCH DEL CONDADO DE HAYS

Por el presente se informa que el abajo firmante, Secretario de la Junta Directiva (la "Junta") del Distrito de Control y Mejoras de Agua de Reunion Ranch del Condado de Hays, Texas, que actúa en virtud de la Sección 31.123 del Código Electoral de Texas, ha designado a los abogados Willatt & Flickinger, PLLC para el Distrito, como el agente debidamente autorizado del Secretario de la Junta (el "Agente") para todos los propósitos para la Elección de Directores del Distrito (la "Elección") que se celebrará el 7 de mayo de 2022. La oficina del Agente está ubicada en Willatt & Flickinger, PLLC, 12912 Hill Country Boulevard, Ste. F-232, Austin, Travis County, Texas 78738, un lugar fuera del Distrito, y el número de teléfono es (512) 476-6604. El Agente estará disponible para sus funciones electorales durante el horario de 9:00 a.m. a 4:00 p.m., durante el horario habitual de atención, los días laborables habituales (lunes a viernes salvo feriados), a partir del 18 de marzo de 2022, el 50.º día anterior al día de la elección, y finalizando no antes del 16 de junio de 2022, el 40.º día posterior al día de la elección.

El Agente mantendrá y pondrá a disposición para consulta y copia aquellos documentos descritos en la Sección 31.123(c) del Código Electoral de Texas y recibirá todos los documentos entregados en persona relacionados con la Elección que el abajo firmante esté autorizado o tenga obligación de recibir. Asimismo, por el presente el Agente queda autorizado a desempeñar todas las funciones burocráticas relacionadas con la Elección que puedan desempeñarse de forma legítima.

Este aviso será colocado ininterrumpidamente en la cartelera utilizada para colocar avisos de asambleas del Distrito durante el periodo de tiempo descrito arriba.

Emitido el 18th de January de 2022

Secretario de la Junta Directiva Distrito de Control y Mejoras de Agua de Reunion Ranch del Condado de Hays

ORDER CALLING DIRECTORS ELECTION

STATE OF TEXAS

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COUNTY OF HAYS

8

REUNION RANCH WATER CONTROL AND IMPROVEMENT DISTRICT

WHEREAS, on May 7, 2022, there will be elected three (3) Directors for Reunion Ranch Water Control and Improvement District (the "District").

THEREFORE, BE IT ORDERED BY THE BOARD OF DIRECTORS OF REUNION RANCH WATER CONTROL AND IMPROVEMENT DISTRICT THAT:

Section 1. A general election shall be held within the District on May 7, 2022 between the hours of 7:00 a.m. and 7:00 p.m., for the purpose of electing three (3) Directors. The election day polling locations shall be as determined by Hays County, at the locations which will be attached hereto as Exhibit "A" to this Order and this exhibit is incorporated by reference for all purposes. Hays County is conducting the election pursuant to an Election Agreement to be entered into between the District and Hays County as authorized under Section 31.092 of the Election Code. The election shall be held as a joint election pursuant to Chapter 271 of the Election Code and a Joint Election Agreement to be entered into between the District and other entities that are holding an election May 7, 2022. Hays County's election equipment shall be used in the election. The election judges and clerks shall be appointed in accordance with the Election Agreement and the Election Code, as amended.

Section 2. Voting in the election for the directors of the District shall be by the use of Hays County's voting system which shall utilize English and Spanish and shall conform to the Election Code, as amended. The ballots used in the election shall have printed thereon the following:

OFFICIAL BALLOT

REUNION RANCH WATER CONTROL AND IMPROVEMENT DISTRICT

Vote for up to three (3) directors by voting for up to three (3) of the persons named below.

()	
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)	<u></u>

The persons named on the ballot shall be those persons who are qualified to serve as a director of the District who timely filed an application for a place on the ballot.

Section 3. Oral assistance in Spanish shall be made available to all person requiring such assistance. Any person requiring oral assistance in Spanish should contact the Presiding Judge or the Early Voting Clerk.

Section 4. The Early Voting Ballot Board Presiding Judge and Alternative Presiding Judge shall be appointed in accordance with the Election Agreement and the Election Code.

The Central Counting Station Presiding Judge and the Alternate Presiding Judge shall be appointed in accordance with the Election Agreement and the Election Code.

Early voting in the election by personal appearance shall be conducted at the times, dates and polling places determined pursuant to the Joint Election Agreement, which will be attached hereto as Exhibit "B" to this Order and this exhibit is incorporated by reference for all purposes. Jennifer Anderson is the Joint Early Voting Clerk. The Clerk for early voting shall be appointed in the manner required by law. The Early Voting Clerk's mailing address to which the ballot applications and ballots voted by mail may be sent is Attn: Records Building, Hays County Government Center, 712 S. Stagecoach Trail, San Marcos, Texas 78666.

Section 5. The election shall be held and conducted and returns shall be made to the Board of Directors in accordance with the Election Code as modified by Chapters 49 and 51.

Section 6. All qualified resident electors of the District shall be entitled to vote in the elections.

Section 7. In accordance with Section 4.003(a)(1) of the Texas Election Code, a substantial copy of this Order, appearing in English and Spanish shall serve as proper notice of said election, and the President of the Board of Directors or other representatives of the District shall cause the notice to be published one time, not earlier than the 30th day or later than the 20th day prior to the date set for the election, in a newspaper published in the District or, if none is published in the District, in a newspaper of general circulation in the District. In addition, in accordance with Section 4.003(a)(2) of the Texas Election Code, a substantial copy of this order, in English and Spanish, shall be posted at a public place within the District not later than the 21st day before the election. In addition, in accordance with Section 4.003(b) of the Texas Election Code, not later than the 21st day before election day, a substantial copy of this notice, appearing in English and Spanish, shall be placed on the bulletin board used for posting notices of the meetings of the Board of Directors of the District, such notice to remain posted through election day.

Section 8. The President and Secretary are authorized and directed to take any action necessary to carry out the provisions of this Order.

PASSED AND ADOPTED this 18th day of January, 2022.

	Dennis Daniel, President	
ATTEST:		
Ronald F. Meyer, Secretary		
[SEAL]		

1\ReunionRanch\ocde-5-07-22 1/14/22

AW3-2a Prescribed by Secretary of State Section 141.040, Texas Election Code 11/2020

Date Posted (Fecha archivada)

NOTICE OF DEADLINE TO FILE AN APPLICATION FOR PLACE ON THE BALLOT

(AVISO DE FECHA LÍMITE PARA PRESENTAR UNA SOLICITUD PARA UN LUGAR EN LA BOLETA) Notice is hereby given that an application for a place on the Reunion Ranch WCID (name of political subdivision/party) Regular/Special/Primary Election ballot may be filed during the following time: (Circle one) (Se da aviso por la presente que una solicitud para un lugar en la boleta de la Elección Regular/Especial/Primaria de Reunion Ranch WCID se pueden presentar (nombre de la subdivisión política/partido) (marcar una con círculo) durante el siguiente horario: Filing Dates and Times: (Fechas y Horario para Entregar Solicitudes) Start Date: January 19, 2022 End Date: February 18, 2022 (Fecha Inicio) (Fecha Límite) Office Hours: 9:00 a.m. to 4:00 p.m. (Horario de la Oficina) Physical address for filing an application in person for place on the ballot: (Dirección a física para presentar una solicitud en persona para un lugar en la boleta) c/o Willatt & Flickinger, PLLC 12912 Hill Country Blvd., Ste. F-232, Austin, TX 78738 Address to mail an application for place on the ballot (if filing by mail): (Dirección a donde enviar una solicitud para un lugar en la boleta (en caso de presentar por correo)) c/o Willatt & Flickinger, PLLC 12912 Hill Country Blvd., Ste. F-232, Austin, TX 78738 Email or Fax Number to send an application for place on the ballot: (Dirección de correo electrónico o número de fax para enviar una solicitud para un lugar en la boleta) BFlickinger@wfaustin.com Signature of Filing Officer Printed Name of Filing Officer (Nombre en letra de molde del Oficial de Archivos) (Firma del Oficial de Archivos)