

PUBLIC NOTICE OF MEETING
TAKE NOTICE THAT A REGULAR MEETING OF THE
Board of Directors of
Reunion Ranch Water Control and Improvement District
Will be held at the offices of Willatt & Flickinger, PLLC,
12912 Hill Country Blvd., Suite F-232, Austin, Texas 78738 (SEE NOTES BELOW)

in Travis County, Texas, commencing at 2:00 p.m. on June 15, 2021, to consider and act upon any or all of the following:

PLEASE NOTE: THIS MEETING WILL BE HELD BY REMOTE ACCESS ONLY IN ACCORDANCE WITH THE MARCH 16, 2020 ORDER BY GOVERNOR ABBOTT TEMPORARILY SUSPENDING CERTAIN REQUIREMENTS OF THE TEXAS OPEN MEETINGS ACT TO ADVANCE THE GOAL OF LIMITING FACE-TO-FACE MEETINGS TO SLOW THE SPREAD OF COVID-19. NO PERSONS WILL BE AT THE MEETING LOCATION AND NO EQUIPMENT WILL BE AT THE MEETING LOCATION FOR ACCESS TO THE MEETING. HOWEVER, MEMBERS OF THE PUBLIC MAY ACCESS THIS MEETING BY TELEPHONE AND PARTICIPATE IN THE MEETING BY CALLING ONE OF THE FOLLOWING TOLL-FREE NUMBERS: (877) 853-5247 OR (888) 788-0099 AND ENTERING THE FOLLOWING INFORMATION: MEETING ID: 897 7580 8372 AND PASSWORD: 916224. USING THE ZOOM APP YOU CAN ALSO ACCESS THE MEETING ON YOUR SMART PHONE OR COMPUTER BY ENTERING THE FOREGOING MEETING ID AND PASSWORD.

PLEASE SEE THE DISTRICT'S WEBSITE AT WWW.RRWCID.ORG FOR THE MEETING PACKET.

AGENDA

1. Call to order.
2. Roll call of Directors.
3. Public Comments.

This is an opportunity for members of the public to address the Board of Directors concerning any issue that is not on the agenda. The response of the Board to any comment under this heading is limited to making a statement of specific factual information in response to the inquiry, or, reciting existing policy in response to the inquiry. Any deliberation of the issues is limited to a proposal to place it on the agenda for a later meeting. Each speaker shall be limited to 3 minutes, unless more than 10 members of the public wish to speak during this meeting. In such case, speakers offering public comment shall be limited to 1 minute each.

Note: Members of the public wishing to address the Board of Directors on specific agenda items will be required to indicate the agenda items on which they wish to speak. They will be given an opportunity to speak when the item is called and prior to consideration by the Board. Such comments shall be limited to 3 minutes per speaker for each agenda item. If more than 10 members of the public wish to speak, all speakers shall be limited to 1 minute each per item per person.

4. Minutes of prior meetings.
5. Developer's Report on status of construction within the District, development entitlements, provision of water, wastewater and drainage services within the District, sales of lots to builders, homebuilding within the District, status of development loans and actions of third parties opposing or supporting development within the District.
6. Approval of construction plans and pay estimates, change orders and acceptances of completion with respect to construction contracts.
7. Advertisement for bids and approval, award, recommendation and administration of construction contracts.

8. Engineer's Report on status of construction within the District, development entitlements, provision of water, wastewater and drainage services within the District, pending permit applications, sales of lots to builders, homebuilding within the District and past, present and future bond issues; Use of effluent to irrigate rights-of-way and timeline for same.
9. Wastewater Treatment Plant Expansion; Wastewater Treatment Plant improvements and modifications; alternatives for additional odor control measures at the District's wastewater plant and funding for same, including possible agreement with Taylor Morrison on funding for same; Proposal for third-party odor consultant/inspector.
10. Review of District easements and land necessary for District operations.
11. Improvements to pedestrian access point on easement from Mary Elise Way to Windmill Pond.
12. Long-term District Capital Improvements Plan.
13. Committee Reports, Assignment and Membership.
 - A. District Operations (Dennis & Terri)
 - B. Communications (Terri & Dennis)
 - C. WTCPUA (Nathan & Dennis)
 - D. Water Quality/Land Use (Ron & Terri)
14. Operations and Maintenance Report.
 - A. Administrative
 - B. Wastewater Treatment Plant; Odor Control Measures and Complaints; All actions necessary to bring the wastewater treatment plant into compliance with TCEQ permit and to mitigate odor problems
 - C. Wastewater Grinder Stations
 - D. Effluent Irrigation System & Fields
 - E. Distribution & Collection System & Lift Stations
 - F. Billing Adjustments
 - G. Delinquencies
 - H. Customer Meter Issues
 - I. Customer Complaints
 - J. Stormwater conveyance & pond maintenance
 - K. Landscaping
 - L. Notices to residents on water quality
 - M. Maintenance Items in connection with Pre-Purchase Inspection Letter submitted by TCEQ.
 - N. Out of District Water/Wastewater Service Requests
 - O. Policy Regarding Use of Greenspace and other District Property
 - P. Pump rentals
 - Q. Impact of winter storms on operation of water, wastewater and water quality systems; system performance as designed and system failures; actions taken to address system failures; recommendations for repairs or improvements to systems; associated costs and possible application for disaster relief funds

- R. Insurance claims
- S. Maintenance access

- 15. Expenditures, contracts, repairs, replacements and maintenance related to Operations and Maintenance Report in Item 13 above.
- 16. Bookkeeper's Report on the financial affairs of the District, including authorization of payment of bills.
- 17. Legislative Update.
- 18. Notice of Violations Issued by TCEQ dated August 5, 2019; Exit Interview from TCEQ site visit of July 10, 2020; TCEQ Notice of Enforcement for Compliance Evaluation Investigation, dated September 25, 2020; Proposed Agreed Enforcement Order and related fines.
- 19. Request for Board recommendation for Willatt & Flickinger, PLLC.
- 20. Adjourn.

The Board may go into closed session at any time when permitted by Chapter 551, Government Code. Before going into closed session a quorum of the Board must be assembled in the meeting room, the meeting must be convened as an open meeting pursuant to proper notice, and the presiding officer must announce that a closed session will be held and must identify the sections of Chapter 551, Government Code, authorizing the closed session.

(SEAL)



Attorney for the District

The District is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Please call Jeniffer Concienne, Willatt & Flickinger, PLLC, at (512) 476-6604, for information.

MINUTES OF REGULAR MEETING
OF
REUNION RANCH WATER CONTROL AND IMPROVEMENT DISTRICT

STATE OF TEXAS §
 §
COUNTY OF HAYS §

A regular meeting of the Board of Directors of Reunion Ranch Water Control and Improvement District was held at 2:00 p.m. on May 18, 2021 by remote access only in accordance with the March 16, 2020 Order by Governor Abbott temporarily suspending certain requirements of the Texas Open Meetings Act to advance the goal of limiting face-to-face meetings to slow the spread of COVID-19. The meeting was open to the public and notice was given as required by the Texas Open Meetings Act and as modified by the Governor's Order.

1. CALL TO ORDER

The meeting was called to order.

2. ROLL CALL OF DIRECTORS

A roll call of the Directors was taken. The Directors present were:

Dennis Daniel – President
Terri Purdy – Vice President
Ron Meyer - Secretary
Thomas J. Rogers, Jr. – Assistant Secretary
Nathan Neese – Assistant Secretary

thus constituting a quorum. All Directors were present.

Also present at the meeting were Bill Flickinger, Matt McPhail and Jeniffer Concienne with Willatt & Flickinger, PLLC, Andrea Wyatt and Evan Parker with Murfee Engineering, Allen Douthitt with Bott & Douthitt, Makenzi Scales and Ronya Keyes with Inframark, LLC, Mike Moyer with Taylor Morrison and residents Mark Olson and Gary Grass.

3. PUBLIC COMMENTS

No public comments were made.

4. MINUTES OF PRIOR MEETINGS

President Dennis Daniel entertained a motion for approval of the Minutes of the April 20, 2021 and April 26, 2021 board meetings. Motion was made by Tom Rogers and seconded by Terri Purdy to approve the Minutes as presented. The motion carried unanimously.

5. DEVELOPER'S REPORT ON STATUS OF CONSTRUCTION WITHIN THE DISTRICT, DEVELOPMENT ENTITLEMENTS, PROVISION OF WATER, WASTEWATER AND DRAINAGE SERVICES WITHIN THE DISTRICT, SALES OF LOTS TO BUILDERS, HOMEBUILDING WITHIN THE DISTRICT, STATUS OF DEVELOPMENT LOANS AND ACTIONS OF THIRD PARTIES OPPOSING OR SUPPORTING DEVELOPMENT WITHIN THE DISTRICT

Mike Moyer reported on the building metrics in the District. A total of 483 homes have been sold, with 456 closings. The average sales price in the District is \$537,902. All homes should be closed by the end of summer or early fall 2021.

Jeniffer Concienne reported on Frank Krasovec's building status. Heyl Homes is building on 6 of the 15 lots. They also plan to take down the other 9 lots this year.

6. APPROVAL OF CONSTRUCTION PLANS AND PAY ESTIMATES, CHANGE ORDERS AND ACCEPTANCES OF COMPLETION WITH RESPECT TO CONSTRUCTION CONTRACTS

Engineer Andrea Wyatt discussed Pay Application No. 5 submitted by Excel Construction Services, LLC in the amount of \$161,758.80 for the WWTP expansion project.

Motion was made by President Dennis Daniel and seconded by Tom Rogers to approve payment of the foregoing pay application as presented. The motion carried unanimously.

7. ADVERTISEMENT FOR BIDS AND APPROVAL, AWARD, RECOMMENDATION AND ADMINISTRATION OF CONSTRUCTION CONTRACTS

This item was not discussed.

8. ENGINEER'S REPORT ON STATUS OF CONSTRUCTION WITHIN THE DISTRICT, DEVELOPMENT ENTITLEMENTS, PROVISION OF WATER, WASTEWATER AND DRAINAGE SERVICES WITHIN THE DISTRICT, PENDING PERMIT APPLICATIONS, SALES OF LOTS TO BUILDERS, HOMEBUILDING WITHIN THE DISTRICT AND PAST, PRESENT AND FUTURE BOND ISSUES; USE OF EFFLUENT TO IRRIGATE RIGHTS-OF-WAY AND TIMELINE FOR SAME

9. WASTEWATER TREATMENT PLANT EXPANSION; WASTEWATER TREATMENT PLANT IMPROVEMENTS AND MODIFICATIONS; ALTERNATIVES FOR ADDITIONAL ODOR CONTROL MEASURERS AT THE DISTRICT'S WASTEWATER PLANT AND FUNDING FOR SAME, INCLUDING POSSIBLE AGREEMENT WITH TAYLOR MORRISON ON FUNDING FOR SAME, INCLUDING POSSIBLE AGREEMENT WITH TAYLOR MORRISON ON FUNDING FOR SAME

Items 8 and 9 were discussed together.

Evan Parker discussed the Engineer's Report as included in the agenda package.

The wastewater flows are still trending downward due to the pump and haul.

In regard to the WWTP expansion, the heavy rainfall partially undid the excavation for the lift station. The contractor dewatered and re-excavated and installed lift station subgrade. Due to the inclement weather forecast, the installation of the lift station may not commence until the last week of May. The new SBR equipment is on-site. The screens are expected to arrive today as well. The dewatering equipment is scheduled to ship out at any time.

Murfee Engineering has collaborated with Inframark on making changes to prevent future plant overflows. As the Board requested last month, an estimate of costs for the delays caused by the spills and the winter storm has been included in the agenda package.

Due to cost saving issues, the 210 conversion project will be pushed to June.

President Dennis Daniel asked about the cost of the weekly pump and haul. Manager Makenzi Scales will send that information to Jeniffer Concienne. Bookkeeper Allen Douthitt discussed some costs related to the spills and freeze. President Daniel would like a memo on the costs due to the spills. Engineer Andrea Wyatt indicated that the hauls can be moved to business hours to save some money. Evan Parker also discussed the costs related to the freeze and spills. President Daniel advised that the District may seek FEMA assistance for some of the costs. Manager Makenzi Scales can help coordinate that task.

President Daniel asked Mike Moyer about the written proposal from Taylor Morrison on odor control costs. Mr. Moyer advised that matter is with the legal team right now. He advised that Taylor Morrison will most likely want some type of release. This matter will be brought back to the next meeting.

Engineer Andrea Wyatt informed the Board that locating a 3rd party odor inspection has been a difficult process. She is working with another District to obtain some information. As of today, the wastewater plant expansion project has been delayed 6-weeks. The complete date is now in mid-August.

10. REVIEW OF DISTRICT EASEMENTS AND LAND NECESSARY FOR DISTRICT OPERATIONS

Resident Gary Grass thanked the Board for the pond review.

There was discussion of access issues by Inframark through the District easements. Inframark will provide a list of those areas and the location of all the manholes. These issues can be addressed with the HOA when the land is conveyed from Taylor Morrison to the HOA, with the District having appropriate easements to conduct District operations.

Mike Moyer discussed the need for the director's lot. Attorney Bill Flickinger advised that the Board still consists of two non-residents so that lot is still needed.

11. COMMITTEE REPORTS, ASSIGNMENT AND MEMBERSHIP

- A. Wastewater Treatment Plant Improvements and Odor Control (Dennis & Terri)
- B. Communications (Terri & Dennis)
 - i. Board updates
- C. WTCPUA (Nathan & Dennis)
- D. Water Quality/Land Use (Ron & Terri)

President Dennis Daniel would like to rename the committee on the Wastewater Treatment Plant Improvements and Odor Control. He would like to call it District Operations.

Vice President Terri Purdy discussed the monthly Board meeting summaries. This information will be a condensed version of the minutes.

Director Ron Meyer discussed the wet pond tour. The pedestrian walkway will need to be improved in that area. Engineer Andrea Wyatt advised that she will provide a memo on suggested improvements. Vice President Purdy discussed other pond improvements, such as an aeration mat. She would also like to see guidelines on things that the residents should be or should not be doing in relation to the stormwater and within the neighborhood. Attorney Bill Flickinger advised that we can review the District Rules with the committee.

President Daniel requested that Inframark provide updates to the appropriate committees so that they are in loop on operational issues between the Board meetings.

12. IMPROVEMENTS TO PEDESTRIAN ACCESS POINTS ON DISTRICT PROPERTY

This item was discussed above.

13. OPERATIONS AND MAINTENANCE REPORT

- A. Administrative
- B. Wastewater Treatment Plant; Odor Control Measures and Complaints; All actions necessary to bring the wastewater treatment plant into compliance with TCEQ permit and to mitigate odor problems
- C. Wastewater Grinder Stations
- D. Effluent Irrigation System & Fields
- E. Distribution & Collection System & Lift Stations
- F. Billing Adjustments
- G. Delinquencies
- H. Customer Meter Issues
- I. Customer Complaints
- J. Stormwater conveyance & pond maintenance

- K. Landscaping
- L. Notices to residents on water quality
- M. Maintenance Items in connection with Pre-Purchase Inspection Letter submitted by TCEQ.
- N. Out of District Water/Wastewater Service Requests
- O. Policy Regarding Use of Greenspace and other District Property
- P. Pump rentals
- Q. Impact of winter storms on operation of water, wastewater and water quality systems; system performance as designed and system failures; actions take to address system failures; recommendations for repairs or improvements to systems; associated costs and possible application for disaster relief funds
- R. Insurance claims

Manager Makenzi Scales discussed the Executive Summary with the Board.

The District currently has 505 active connections. 9.13 million gallons of water was purchased for the month of April. The District incurred a 10% water loss this period. Mrs. Scales reported 23 delinquent letters were mailed out, door tags were hung. However, there were no disconnects of water service. It was reported that Inframark repaired a small leak on the water sample point near the master meter.

Flows at the wastewater treatment plant totaled 1.19 MG, which averages 40,000 GPD. Plant capacity is at 80%, however the BOD and TSS permit levels exceeded the limit. A cellular system was installed to reactivate the flow alarms. Floats in the Pre-EQ, GST, SBR and Effluent wet wells are all calling out for high levels. The scheduled pump and hauls have been working well to contain the levels. Mrs. Scales reported on a spill that occurred due to debris at the bar screen. The large rain event potentially pushed a large amount of rags, wipes, etc. down the system. Mrs. Scales also noted that a solenoid on the irrigation fields has been repaired. That is the area that was previously noted as staying saturated.

There was discussion of the recent rainstorm that most likely caused the levels to fail. President Dennis Daniel asked for a written report on the levels. Mrs. Scales will send that information to Jeniffer Concienne for distribution to the Board.

Pond inspection reports are included in the agenda package. There was discussion on same.

Mrs. Scales presented the Water Quality Report for consideration. President Dennis Daniel asked who is responsible for the testing, Inframark or the PUA. After discussion, motion was made by Terri Purdy and seconded by Nathan Neese to approve the Water Quality Report as presented. Tom Rogers had technical difficulties and was unable to vote. The motion carried. The Water Quality Report will need to be posted on the District's website.

14. EXPENDITURES, CONTRACTS, REPAIRS, REPLACEMENTS AND MAINTENANCE RELATED TO OPERATIONS AND MAINTENANCE REPORT IN ITEM 13 ABOVE

This item was not discussed.

15. BOOKKEEPER'S REPORT ON THE FINANCIAL AFFAIRS OF THE DISTRICT, INCLUDING AUTHORIZATION OF PAYMENT OF BILLS

Bookkeeper Allen Douthitt discussed the financials and updated cash activity report with the Board. There is a concern with the budget due to the expense of the pump and haul. President Dennis Daniel would like to see the forecast of expenses to year end added as a column to the budget. After discussion, President Daniel entertained a motion. Motion was made by Nathan Neese and seconded by Ron Meyer to approve the invoices, per diems and fund transfers as discussed. Tom Rogers had technical difficulties and was unable to vote. The motion carried.

16. LEGISLATIVE UPDATE

Attorney Bill Flickinger advised that the legislative session is coming to an end in June. Once it does, he will review the bills that passed and bring an update to the Board next month.

17. CONTINUATION OF REMOTE BOARD MEETINGS/WHEN IN-PERSON BOARD MEETINGS WILL BE REQUIRED

Attorney Bill Flickinger advised that the ability to have remote board meetings will most likely remain through June or late summer. After discussion, it appears the Board favors the remote board meetings at this time.

18. NOTICE OF VIOLATIONS ISSUED BY TCEQ DATED AUGUST 5, 2019; EXIT INTERVIEW FROM TCEQ SITE VISIT OF JULY 10, 2020; TCEQ NOTICE OF ENFORCEMENT FOR COMPLIANCE EVALUATION INVESTIGATION, DATED SEPTEMBER 25, 2020; PROPOSED AGREED ENFORCEMENT ORDER AND RELATED FINES

Attorney Bill Flickinger discussed the response to the TCEQ on the current Notice of Violations. The original 60-day deadline has been abated pending review of the response from the TCEQ. No action is needed at this time.

19. ADJOURN

President Dennis Daniel entertained a motion for adjournment. Motion was made by Nathan Neese and seconded by Ron Meyer to adjourn the meeting. Tom Rogers had technical difficulties and was unable to vote. The motion carried.

Dennis Daniel, President
Reunion Ranch WCID

ATTEST:

Ronald F. Meyer, Secretary
Reunion Ranch WCID

[SEAL]



Murfee Engineering Company

June 3rd, 2021

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. 6 from
Excel Construction Services, LLC.

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

Attached please find Pay Application No. 6 in the amount of \$858,600.00 from Excel Construction Services, LLC for work performed through May 31th, 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. 6 in the amount of \$858,600.00. If you have any questions or if you would like any additional information, please contact me at your convenience.

Sincerely,

A handwritten signature in cursive script that reads 'Andrea Wyatt'.

Andrea Wyatt, P.E.

Attachments: Pay Application No. 6

CC: Bill Flickinger – Willatt & Flickinger
George Murfee, P.E.
Evan Parker, E.I.T.
MEC File No. 12002.108

W:\Reunion Ranch WCID\Facilities\Wastewater\WWTP A\Expansion\Construction Admin\Pay App\PA 004

CONTRACTOR'S APPLICATION AND CERTIFICATE FOR PAYMENT

Reunion Ranch WWTP

Application No.: Size (6)
 Application Period: thru May 31, 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
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APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY		
APPROVED CHANGE ORDERS		
No.	Date Approved	Deductions
SUBTOTALS		\$ - \$
Net Change by CO		\$ - \$

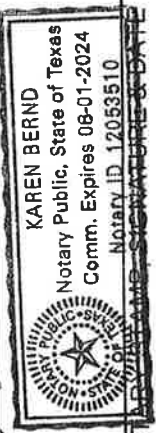
1. ORIGINAL CONTRACT SUM	\$ 3,445,000.00
2. NET CHANGE BY CHANGE ORDERS	\$ -
3. CONTRACT SUM TO DATE	\$ 3,445,000.00
4. TOTAL COMPLETED & STORED TO DATE	\$ 2,269,174.00
5. RETAINAGE @ 10%	\$ 226,917.40
6. AMOUNT ELIGIBLE TO DATE	\$ 2,042,256.60
7. LESS PREVIOUS PAYMENTS	\$ 1,183,656.60
8. AMOUNT DUE THIS APPLICATION	\$ 858,600.00
9. BALANCE TO FINISH (Including Retainage)	\$ 1,402,743.40

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, LLC

By: *[Signature]*



[Handwritten Signature]
 4.3.21

PAYMENT OF \$ 858,600.00 IS RECOMMENDED

[Signature] Date 6/3/2021

Murfee Engineering Company

Taylor Morrison Date

RRWCID Board Date

CONTRACTOR'S PROGRESS ESTIMATE

Reunion Ranch WWTP

PAY PERIOD:
APPLICATION No.:
APPLICATION DATE:

May
6

5/31/2021

Item No.	Description of Work	Scheduled Value	Work Completed		Materials Remaining In Storage	Total Completed And Stored To Date	Percent Complete (%)	Balance To Finish	Retainage Balance	Total Balance Remaining
			From Previous Estimate	This Period						
1	Mobilization, Bonds, & Insurance	\$ 170,000.00	\$ 170,000.00	\$ -	\$ -	\$ 170,000.00	100%	\$ -	\$ 17,000.00	\$ 17,000.00
2	SWPPP	\$ 3,500.00	\$ 3,500.00	\$ -	\$ -	\$ 3,500.00	100%	\$ -	\$ 350.00	\$ 350.00
3	Excavation Plan	\$ 3,000.00	\$ 1,500.00	\$ -	\$ -	\$ 1,500.00	50%	\$ 1,500.00	\$ 150.00	\$ 1,650.00
4	Trench Safety Plan	\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ 15,000.00	100%	\$ -	\$ 1,500.00	\$ 1,500.00
5.00	PROCESS PIPING CONNECTING TO EXISTING WW LINE									
5.01	Excavation Pipe	\$ 11,000.00	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	18%	\$ 9,000.00	\$ 200.00	\$ 9,200.00
5.02	Installation	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 10,000.00	\$ -	\$ 10,000.00
5.03	Backfill	\$ 2,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 2,000.00	\$ -	\$ 2,000.00
6.00	INFLUENT LIFT STATION									
6.01	Liftstation - Excavation	\$ 71,000.00	\$ 71,000.00	\$ -	\$ -	\$ 71,000.00	100%	\$ -	\$ 7,100.00	\$ 7,100.00
6.02	Liftstation - Select Fill	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 6,000.00	100%	\$ -	\$ 600.00	\$ 600.00
6.03	Liftstation - Precast Concrete	\$ 42,000.00	\$ -	\$ 42,000.00	\$ -	\$ 42,000.00	100%	\$ -	\$ 4,200.00	\$ 4,200.00
6.04	Liftstation - CPL	\$ 51,000.00	\$ -	\$ 42,000.00	\$ -	\$ 42,000.00	82%	\$ 9,000.00	\$ 4,200.00	\$ 13,200.00
6.05	Liftstation - Concrete Coating	\$ 4,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 4,000.00	\$ -	\$ 4,000.00
6.06	Liftstation - Backfill	\$ 18,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 18,000.00	\$ -	\$ 18,000.00
6.07	Liftstation - Vertical Screen	\$ 90,000.00	\$ -	\$ 65,000.00	\$ -	\$ 65,000.00	72%	\$ 25,000.00	\$ 6,500.00	\$ 31,500.00
6.08	Liftstation - Odor Control Equipment	\$ 37,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 37,500.00	\$ -	\$ 37,500.00
6.09	Liftstation - Submersible Pump	\$ 53,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 53,000.00	\$ -	\$ 53,000.00
6.1	Liftstation - Pipe	\$ 63,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 63,000.00	\$ -	\$ 63,000.00
6.11	Valve Vault - Underground Pipe	\$ 2,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 2,500.00	\$ -	\$ 2,500.00
6.12	Valve Vault - Precast Concrete Vault	\$ 16,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 16,000.00	\$ -	\$ 16,000.00
6.13	Valve Vault - Concrete Coating	\$ 3,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 3,000.00	\$ -	\$ 3,000.00
6.14	Valve Vault - Backfill	\$ 4,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 4,000.00	\$ -	\$ 4,000.00
6.15	Valve Vault - Flange Pipe and Valves	\$ 24,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 24,000.00	\$ -	\$ 24,000.00
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	\$ 1,200.00
7.1	Interior Coat Wall	\$ 12,000.00	\$ 6,000.00	\$ -	\$ -	\$ 6,000.00	100%	\$ -	\$ 1,200.00	\$ 1,200.00
7.11	Coat Pipe	\$ 6,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 6,000.00	\$ -	\$ 6,000.00
7.12	Misc Metal	\$ 16,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 16,500.00	\$ -	\$ 16,500.00
7.13	Set New SBR Equipment	\$ 12,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 12,000.00	\$ -	\$ 12,000.00
7.14	Set Existing SBR Equipment	\$ 12,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 12,000.00	\$ -	\$ 12,000.00
7.15	SBR Equipment	\$ 456,000.00	\$ -	\$ 456,000.00	\$ -	\$ 456,000.00	100%	\$ -	\$ 45,600.00	\$ 45,600.00
7.16	Effluent Pumps	\$ 19,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 19,500.00	\$ -	\$ 19,500.00
7.17	Above Ground Pipe	\$ 30,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 30,000.00	\$ -	\$ 30,000.00
7.18	Blower Pad	\$ 6,000.00	\$ -	\$ 6,000.00	\$ -	\$ 6,000.00	100%	\$ -	\$ 600.00	\$ 600.00

CONTRACTOR'S PROGRESS ESTIMATE

Reunion Ranch WWTP

PAY PERIOD:
APPLICATION No.:
APPLICATION DATE:

May
6
5/31/2021

Item No.	Description of Work	Scheduled Value	Work Completed		Materials Remaining In Storage	Total Completed And Stored To Date	Percent Complete (%)	Balance To Finish	Retainage Balance	Total Balance Remaining
			From Previous Estimate	This Period						
7.19	Demo Existing Equipment	\$ 5,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 5,000.00	\$ -	\$ 5,000.00
8	EFFLUENT FILTER									
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	\$ 4,500.00	\$ -	\$ -	\$ 4,500.00	50%	\$ 4,500.00	\$ 450.00	\$ 4,950.00
8.3	Filter Equipment	\$ 220,000.00	\$ -	\$ 190,000.00	\$ -	\$ 190,000.00	86%	\$ 30,000.00	\$ 19,000.00	\$ 49,000.00
8.4	Install Equipment	\$ 12,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 12,000.00	\$ -	\$ 12,000.00
8.5	Above Ground Pipe	\$ 21,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 21,000.00	\$ -	\$ 21,000.00
9	CHLORINE CONTACT BASIN									
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	\$ 2,000.00	\$ 4,000.00	\$ -	\$ 6,000.00	100%	\$ -	\$ 600.00	\$ 600.00
9.6	Coat Wall	\$ 12,000.00	\$ 8,000.00	\$ 4,000.00	\$ -	\$ 12,000.00	100%	\$ -	\$ 1,200.00	\$ 1,200.00
9.7	Above Ground Pipe	\$ 42,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 42,000.00	\$ -	\$ 42,000.00
9.8	Metal Metal	\$ 3,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 3,000.00	\$ -	\$ 3,000.00
10	SLUDGE DEWATERING EQUIPMENT									
10.1	Form, Pour Place Slab	\$ 5,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 5,000.00	\$ -	\$ 5,000.00
10.2	Underground Pipe	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 10,000.00	\$ -	\$ 10,000.00
10.3	Dewatering Equipment	\$ 230,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 230,000.00	\$ -	\$ 230,000.00
10.4	Base Material	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 10,000.00	\$ -	\$ 10,000.00
11	SLUDGE STORAGE BASIN MODIFICATIONS									
11.1	Demo Existing Equipment	\$ 30,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 30,000.00	\$ -	\$ 30,000.00
11.2	Above ground Piping	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 10,000.00	\$ -	\$ 10,000.00
12	EFFLUENT STORAGE BASIN									
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	\$ 20,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 20,000.00	\$ -	\$ 20,000.00
12.4	Backfill Structure	\$ 13,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 13,000.00	\$ -	\$ 13,000.00
12.5	Coat Wall	\$ 12,000.00	\$ 6,000.00	\$ -	\$ -	\$ 6,000.00	50%	\$ 6,000.00	\$ 600.00	\$ 6,600.00
13	ELECTRICAL POWER SYSTEMS									
13.01	UG Electrical Conduit	\$ 148,742.00	\$ 94,000.00	\$ 40,000.00	\$ -	\$ 134,000.00	90%	\$ 14,742.00	\$ 13,400.00	\$ 28,142.00
13.02	Above Ground / Exposed Conduit	\$ 82,822.00	\$ -	\$ 24,500.00	\$ -	\$ 24,500.00	30%	\$ 58,322.00	\$ 2,450.00	\$ 60,772.00
13.03	Wire Installation & Termination	\$ 30,813.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 30,813.00	\$ -	\$ 30,813.00
13.04	Grounding & Elec. Dualbank Ground Conductor	\$ 10,000.00	\$ 5,000.00	\$ 2,500.00	\$ -	\$ 7,500.00	75%	\$ 2,500.00	\$ 750.00	\$ 3,250.00
13.05	Switchgear / Electrical Equip Install	\$ 37,132.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 37,132.00	\$ -	\$ 37,132.00

CONTRACTOR'S PROGRESS ESTIMATE

Reunion Ranch WWTP

PAY PERIOD:
APPLICATION No.:
APPLICATION DATE:

May
6
5/31/2021

Item No.	Description of Work	Scheduled Value	Work Completed		Materials Remaining In Storage	Total Completed And Stored To Date	Percent Complete (%)	Balance To Finish	Retainage Balance	Total Balance Remaining
			From Previous Estimate	This Period						
13.06	Switchgear / Electrical Equip	\$ 10,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 10,500.00	\$ -	\$ 10,500.00
13.07	Light Fixtures Material	\$ 2,900.00	\$ -	\$ 2,000.00	\$ -	\$ 2,000.00	69%	\$ 900.00	\$ 200.00	\$ 1,100.00
13.08	Light Fixtures Labor	\$ 51,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 51,500.00	\$ -	\$ 51,500.00
13.09	Generator Equipment	\$ 42,750.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 42,750.00	\$ -	\$ 42,750.00
13.1	Generator Material & Labor	\$ 7,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 7,500.00	\$ -	\$ 7,500.00
13.11	I&C	\$ 145,341.00	\$ 35,000.00	\$ 45,000.00	\$ -	\$ 80,000.00	55%	\$ 65,341.00	\$ 8,000.00	\$ 73,341.00
13.12	Electrical / Instrumentation Start up	\$ 5,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 5,000.00	\$ -	\$ 5,000.00
13.13	O&M Manuals	\$ 5,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 5,000.00	\$ -	\$ 5,000.00
14	MODS TO EFFLUENT SADDs PUMP SKID & IRR SKID									
14.1	Form, Rebar and Place Slab	\$ 20,000.00	\$ 12,500.00	\$ 7,500.00	\$ -	\$ 20,000.00	100%	\$ -	\$ 2,000.00	\$ 2,000.00
14.2	Above ground Piping	\$ 15,000.00	\$ -	\$ 7,500.00	\$ -	\$ 7,500.00	50%	\$ 7,500.00	\$ 750.00	\$ 8,250.00
14.3	Move Skid	\$ 5,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 5,000.00	\$ -	\$ 5,000.00
15	PLANT WATER SYSTEM									
15.01	Plant Water Pumps	\$ 3,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 3,000.00	\$ -	\$ 3,000.00
15.02	Misc Material	\$ 3,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 3,500.00	\$ -	\$ 3,500.00
16.00	UPGRADE PUMP HOUSE BUILDING									
16.01	Building Insulation	\$ 5,826.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 5,826.00	\$ -	\$ 5,826.00
16.02	HVAC	\$ 2,674.00	\$ 2,674.00	\$ -	\$ -	\$ 2,674.00	100%	\$ -	\$ 267.40	\$ 2,674.00
ORIGINAL CONTRACT TOTALS										
		\$ 3,445,000.00	\$ 1,315,174.00	\$ 954,000.00	\$ -	\$ 2,269,174.00	66%	\$ 1,175,826.00	\$ 226,917.40	\$ 1,402,743.40

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 Progress Payment #6 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 \$858,600.00.

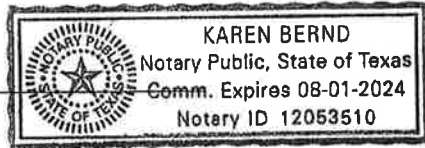
Contractor Name: Excel Construction Services, LLC

By: Chad Mitchell

Title: Project Managers

Subscribed and sworn to before me under my official seal of office this 3 day of June, 2021.

Notary Signature 



CHANGE PROPOSAL SUMMARY SHEET



Project Name: Reunion Ranch
Change Description: Sewage Spill Feb
PCM No: 003

Date: June 4, 2021

MATERIALS/QUOTES:	Amount	Op	Rate	Extended
		X	1	\$0.00
Subtotal				\$0.00
Sales Tax	\$0.00	X	0.00%	\$0.00
MATERIAL/QUOTES SUBTOTAL				\$0.00

LABOR:	Hours	Op	Rate	Extended
Straight Time Labor	386	X	\$25.00	\$9,658.48
Overtime Labor:	0	X	\$37.50	\$0.00
Subtotal Manhours:	0			
Foreman Time (Lawrence Manning) :	0	X	\$35.00	\$0.00
Assistant Superintendent:	0	X	\$0.00	\$0.00
Superintendent Time (Brad Clark):	0	X	\$70.00	\$0.00
Material Proc. & Hndlg. Labor (5% of Man Hours):	0	X	\$0.00	\$0.00
Update As Built Drawings:	0	X	\$0.00	\$0.00
SUBTOTAL LABOR:				\$9,658.48

DIRECT JOB EXPENSES:	Amount	Op	Rate	Extended
Project Manager (Chad Mitchell):	0	X	\$0.00	\$0.00
Jobsite Trailer (Monthly)	\$0.00	X	1	\$0.00
Port-o-can (Monthly)	\$0.00	X	1	\$0.00
Water (for injection)	\$0.00	X	1	\$0.00
Backhoe (weekly)	\$0.00		2	\$0.00
SUBTOTAL DIRECT JOB EXPENSES:				\$0.00

EXCEL CONSTRUCTION MARKUPS:	Amount	Op	Rate	Extended
Direct Costs:	\$9,658.48	X	1	\$9,658.48
Work Comp / SS / Unemployment:	\$9,658.48	X	27.00%	\$2,607.79
SUBTOTAL:				\$12,266.27
OH&P @ 15%:	\$12,266.27	X	15.00%	\$1,839.94
EXCEL CONSTRUCTION SUBTOTAL:				\$14,106.21

SUBCONTRACTS WITH MARKUPS:	Amount	Op	Rate	Extended
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
SUBTOTAL:				\$0.00
OH&P @ 5%	\$0.00	X	0.00%	\$0.00
SUBCONTRACTS SUBTOTAL:				\$0.00

SUBTOTAL / SUMMARY:	Amount	Op	Rate	Extended
Liability / Builders Risk (Cost of Work Only):	\$14,106.21	X	1.00%	\$141.06
SUBTOTAL (Excel Subtotal / Subcontracts / Builders Risk):				\$14,247.27
P&P Bond	\$14,247.27	X	2.00%	\$284.95
GRAND TOTAL THIS CHANGE:				\$14,532



May 11, 2021

Murfee Engineer Company
1101 Capital of Texas Highway South
Building D Suit 110
Austin Texas 78746
Attn: Andrea Wyatt P.E

Re: Reunion Ranch WWTP -PCM 003 – Winter Freeze and Sewage Spills

Ms. Wyatt P.E,

Please find attached the PCM 003 for the Winter Freeze and Sewage spills. Per your request, Excel has included two PCM 003 Summary Sheets, one for the winter freeze and another for the sewage spills. Along with the additional cost, Excel will be requesting additional time due to the Winter Freeze and Sewage spills.

Winter Freeze

No work was performed from February 11, 2021, to February 21, 2021, due to to the winter freeze. The event was unusual inclement weather, which is beyond the normal weather record and expected weather for the Austin, Texas area. Ultimately the State of Texas declared this a state of emergency for the area. Excel is requesting an additional 11 days for this unusual inclement weather delay.

Excel returned to the site on February 22, 2021. At this time the spillage of raw sewage into our newly poured SBR structures and excavation was not cleaned up and remained so until February 25, 2021. During this time we were not able to perform normal work from the period of February 22, 2021, to February 25, 2021. Sometime on late February 25, 2021, or early February 26, 2021, a potable water line broke. The line break once again flooded the newly poured SBR structures and excavation. Excel repaired the line. During both of these events, no work was performed onsite. Excel is requesting an additional 7 days for spillages which cost Excel \$14,673.00 in labor.

Plant Sewage Spills March, April and May.

During March, April, and May, the plant has spilled and flooded sewage 9 different times throughout the job site. Each spill and flood has caused a delay to the project that stops the normal schedule of work. Some of the direct activities that were affected by the spill are pouring concrete, excavation, backfilling, density testing, pipe installation, and installation of electrical duct banks. Furthermore, it has required Excel to pump, clean up and work in the affected areas

PO Box 2260, Leander, Texas 78646
1202 Leander Drive, Leander, Texas 78641
512.259.5005 512.259.5665
www.excelconstruction.com

of the sewage. In total the sewage spills caused a minimum of 31 days delay to the schedule and cost Excel \$26,767.00 in labor.

Along with the PCM 003 Change Proposal Sheet for Winter Freeze and Plant Sewage Spills, Excel has included a Delay Summary detailing the days and activities that were directly affected by spills. Excel has included February, March, April, and May calendars to show the spillage dates. These calendars also illustrate how the spills have led to a lack of production to complete the project. Also, Excel is supplying a copy of the emails that were sent to notify all parties of all the spillages and photographs of the spillages.

We are requesting a total of 49 days due to the above delays and \$41,440 in costs. Also, it must be noted that the above events only cover through May 3, 2021. Please review the attached PCM 003 and let Excel know if you any questions concerning additional cost and time.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Mitchell". The signature is written in a cursive, flowing style.

Chad Mitchell
Project Manager.

PO Box 2260, Leander, Texas 78646
1202 Leander Drive, Leander, Texas 78641
512.259.5005 512.259.5665
www.excelconstruction.com

Delay Summary

Feb 11 -Feb 21 **Winter Freeze**

Feb 17 – Feb 25 – **Raw Sewage Spill** due to the Winter Freeze power lose. Delay Chlorine Contact Basin slab pour. SBR flooded

Feb 26 - **Potable Water Line Broke** -Delay Chlorine Contact Basin slab pour. SBR flooded, Excel Repaired Pipe

March 1-March 2 **Effluent Lift Station Spill** - Delay Chlorine Contact Basin slab pour. SBR flooded

March 11-12 – **Effluent Lift Station Spill** – Delay Placement of Grouting in Basin - SBR flooded

March 13-14 – **Effluent Lift Station Spill** - Delay Placement of Grouting in Basin -SBR flooded

March 14 - March 18- **Effluent Lift Station Spill Sewage remained in SBR #2 Basin**

March 30 – March 31st- **Effluent Lift Station Spill** - Flood Filter Area and SBR – Densities Delay

March 30 – April 5- **Effluent Lift Station Spill Sewage remained in SBR #2 Basin**

April 3rd – April 4th - **Effluent Lift Station Spill** - Flood Filter Area and SBR – Densities Delay

April 5th - April 8– **Effluent Ground Storage Tanks** - Flood Electrical Duct bank.

April 12th- April 13th -**Effluent Lift Station Spill** - Flood Filter Area and SBR – Densities Delay

April 16th- April 21th -**Effluent Lift Station Spill** - Flood Filter Area, SBR , Electrical Duct dank – Densities Delay

May 3rd – **Pipe Trench Flooding** - Screen overflow flooded pipe trench. Excel pump back into existing basin

18 Days in which Excel work was delay

February

2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11 WINTER FREEZE	12	13
				Crew on site		
14 WINTER FREEZE	15	16	17	18	19	20
Crew not on site			RAW SEWAGE SPILL			
21 WINTER FREEZE	22	23	24	25	26	27
RAW SEWAGE SPILL					POTABLE WATER LINE BREAK	POTABLE WATER LINE BREAK
	Crew on site				Repair Water Line	
28 POTABLE WATER LINE BREAK						

12 Days in which Excel work was delay

March

2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 EFFLUENT LIFT STATION SPILL	2 EFFLUENT LIFT STATION SPILL	3	4	5	6
7	8	9	10	11 EFFLUENT LIFT STATION SPILL	12 →	13 EFFLUENT LIFT STATION SPILL
14 EFFLUENT LIFT STATION SPILL 6" OF SEWAGE REMAINED IN SBR	15	16	17	18 →	19	20
21	22	23	24	25 →	26	27
28	29	30 EFFLUENT LIFT STATION SPILL SEWAGE REMAINED IN SBR	31 →			

 1 Days in which Excel work was delay

May

2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 SCREEN OVERFLOW	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Delay Duration Feb 17th - Feb 25th

Chad Mitchell

From: Chad Mitchell
Sent: Monday, February 22, 2021 10:01 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse
Subject: RE: Raw Sewage Spill

Andrea,

Following up on our conversation, the raw sewage spill did get into the new SBR basin. We are guessing there is about 5' of sewage in the basin. This basin will need to be cleaned also. Because both basins are requiring cleaning, Excel could begin pumping the remaining raw sewage from the chlorine contact basin excavation to the new SBR basin. This will allow Inframark some time to arrange Wastewater Transport to remove the sewage and get the raw sewage off the ground.

If this is the direction, RRWWTP, MEC, and Inframark would like to move, please send me written direction authorizing Excel to pump the raw sewage into the SBR basin. Inframark will still bear all costs to remove and clean the sewage from the basin and excavation.

As of note, the Chlorine Contact Basin slab was scheduled to be poured on 2/23/21 and the grout flooring was to be poured on 2/26/21.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

From: Andrea Wyatt <awyatt@murfee.com>
Sent: Monday, February 22, 2021 7:04 AM
To: Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>
Subject: RE: Raw Sewage Spill

Chad,

Thank you for the update on the extent of this spill. I will contact Inframark to determine their schedule.

Regards,

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

From: Chad Mitchell [<mailto:Chad@excelconstruction.com>]
Sent: Monday, February 22, 2021 6:55 AM

To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske
Subject: Raw Sewage Spill

Andrea,

To follow up on Jesse's email from February 17, 2021, the winter storm affected the plant operation. Raw sewage from the bar screen area overflowed into the new effluent structure and the chlorine contact basin. The spill appears to fill the new effluent basin and chlorine contact basin. The attached photos were taken on Saturday afternoon.

As of this morning, the raw sewage is still in the new effluent structure and the chlorine contact basin excavation. The sewage spill will directly affecting our schedule and is causing a delay to the project. Excel is assuming that the plant operator will remove the raw sewage, clean the basins and power wash the basins and rebar. Before we can calculate the extent of the delay. Please get with Inframark and provide Excel with a date when the raw sewage will be cleaned and removed from the site.

Thanks again,

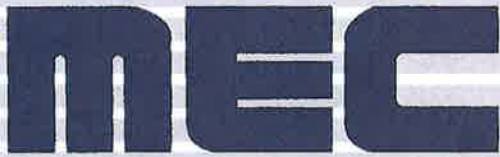
Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile









Murfee Engineering Company

February 22, 2021

Via Email

Chad Mitchell

Excel Construction Services, LLC.

PO Box 2260

Leander, TX 78548

RE: Reunion Ranch WCID Wastewater Treatment Plant Expansion
Winter Storm Wastewater Overflow Resolution
MEC File: 1202.108

Dear Mr. Mitchell,

The winter storm that took place from February 13th through 19th caused significant wastewater overflow into the excavation in progress at the RRWWTP. Inframark is working to schedule Wastewater Transport to pump and haul the overflow, however given the demand for Wastewater Transport's services it is uncertain how long it may take for them to fully remove all wastewater from the excavation. Inframark and MEC recommend that Excel help where they can by pumping wastewater from the excavated area into the concrete basins and pressure wash as needed in order to start working on the construction tasks in an effort minimize delays related to the winter storm event. Excel should carefully document costs associated with the cleanup effort in order to request reimbursement from Inframark. Additionally, Excel should document the delays to their originally planned schedule.

Sincerely,

A handwritten signature in cursive script that reads "Andrea Wyatt".

Andrea Wyatt, P.E.

Delay Duration Feb 26th

Chad Mitchell

From: Chad Mitchell
Sent: Friday, February 26, 2021 8:41 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse; Michael Moyer; Michael Slack; Alek Falkenbury
Subject: RE: Raw Sewage Spill
Attachments: IMG_1878.JPG; IMG_0857.JPG; IMG_0858.JPG

Andrea,
It appears that a line broken broke last night and flooded our chlorine contact basin excavation and SBR basin again. Please see attached picture.

Thanks again.

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile





Chad Mitchell

From: Chad Mitchell
Sent: Friday, February 26, 2021 9:04 AM
To: Michael Moyer; Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse; Michael Slack; Alek Falkenbury
Subject: RE: Raw Sewage Spill
Attachments: IMG_1878.JPG

It appears to be the potable water line. We are trying to locate the line. The plant operator is on-site.

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

From: Michael Moyer <MMoyer@taylormorrison.com>
Sent: Friday, February 26, 2021 8:58 AM
To: Andrea Wyatt <awyatt@murfee.com>; Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>; Kennis, Jesse <Jesse.Kennis@inframark.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury <afalkenbury@murfee.com>
Subject: RE: Raw Sewage Spill

Is that an irrigation line or effluent line that broke?

Michael Moyer
Land Development Director
T: +15125322111

MMoyer@taylormorrison.com
www.taylormorrison.com

TaylorMorrison.



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From: Andrea Wyatt [<mailto:awyatt@murfee.com>]
Sent: Friday, February 26, 2021 8:46 AM
To: Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>; Kennis, Jesse <Jesse.Kennis@inframark.com>; Michael Moyer <MMoyer@taylormorrison.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury

<afalkenbury@murfee.com>

Subject: RE: Raw Sewage Spill

This message originated from outside of our organization

Chad,

Alright, thanks for the update. All we can do is work to get it cleaned up.

Jesse,

Have you been in contact with WWTS about getting some pumper trucks out to work on removing the water from the basin and excavation?

Thanks,

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

From: Chad Mitchell [<mailto:Chad@excelconstruction.com>]
Sent: Friday, February 26, 2021 8:41 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse; Michael Moyer; Michael Slack; Alek Falkenbury
Subject: RE: Raw Sewage Spill

Andrea,
It appears that a line broken broke last night and flooded our chlorine contract basin excavation and SBR basin again. Please see attached picture.

Thanks again.

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

From: Andrea Wyatt <awyatt@murfee.com>
Sent: Monday, February 22, 2021 11:24 AM
To: Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>; Kennis, Jesse <Jesse.Kennis@inframark.com>; Michael Moyer <MMoyer@taylormorrison.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury <afalkenbury@murfee.com>
Subject: RE: Raw Sewage Spill

Chad,

Please see attached letter. It sounds like WWTS was able to pump at least one load already, but who knows if they'll be able to continue.

Regards,

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

From: Chad Mitchell [<mailto:Chad@excelconstruction.com>]
Sent: Monday, February 22, 2021 10:01 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse
Subject: RE: Raw Sewage Spill

Andrea,

Following up on our conversation, the raw sewage spill did get into the new SBR basin. We are guessing there is about 5' of sewage in the basin. This basin will need to be cleaned also. Because both basins are requiring cleaning, Excel could begin pumping the remaining raw sewage from the chlorine contact basin excavation to the new SBR basin. This will allow Inframark some time to arrange Wastewater Transport to remove the sewage and get the raw sewage off the ground.

If this is the direction, RRWWTP, MEC, and Inframark would like to move, please send me written direction authorizing Excel to pump the raw sewage into the SBR basin. Inframark will still bear all costs to remove and clean the sewage from the basin and excavation.

As of note, the Chlorine Contact Basin slab was scheduled to be poured on 2/23/21 and the grout flooring was to be poured on 2/26/21.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

From: Andrea Wyatt <awyatt@murfee.com>
Sent: Monday, February 22, 2021 7:04 AM
To: Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>
Subject: RE: Raw Sewage Spill

Chad,

Thank you for the update on the extent of this spill. I will contact Inframark to determine their schedule.

Regards,

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

From: Chad Mitchell [<mailto:Chad@excelconstruction.com>]
Sent: Monday, February 22, 2021 6:55 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske
Subject: Raw Sewage Spill

Andrea,

To follow up on Jesse's email from February 17, 2021, the winter storm affected the plant operation. Raw sewage from the bar screen area overflowed into the new effluent structure and the chlorine contact basin. The spill appears to fill the new effluent basin and chlorine contact basin. The attached photos were taken on Saturday afternoon.

As of this morning, the raw sewage is still in the new effluent structure and the chlorine contact basin excavation. The sewage spill will directly affecting our schedule and is causing a delay to the project. Excel is assuming that the plant operator will remove the raw sewage, clean the basins and power wash the basins and rebar. Before we can calculate the extent of the delay. Please get with Inframark and provide Excel with a date when the raw sewage will be cleaned and removed from the site.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

Delay Duration March 1st

Chad Mitchell

From: Chad Mitchell
Sent: Monday, March 1, 2021 8:16 AM
To: Michael Moyer; Willeford, Zachary; clayton@perfectcutsinc.com
Cc: Kennis, Jesse; Andrea Wyatt; Evan Parker; Brad Clark; Kevin Wenske; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa
Subject: RE: Raw Sewage Spill
Attachments: IMG_1881.JPEG; IMG_1882.JPEG

Andrea,

It appears the basins and chlorine contact excavation flooded again over the weekend. We believe the cause of the flooding is from the effluent lift station. Please see attached picture.

We have rescheduled the rebar inspection to Tuesday, March 2nd, and will still try to pour the chlorine contact basin slab on March 3, 2021. I will let you know the effects of the schedule.

Thanks again.

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile



Delay Duration March 2nd

From: Brad Clark <Brad@excelconstruction.com>

Sent: Tuesday, March 2, 2021 7:22 AM

To: Chad Mitchell <Chad@excelconstruction.com>; Michael Moyer <MMoyer@taylormorrison.com>; Willeford, Zachary <Zachary.Willeford@inframark.com>; clayton@perfectcutsinc.com

Cc: Kennis, Jesse <Jesse.Kennis@inframark.com>; Andrea Wyatt <awyatt@murfee.com>; Evan Parker <eparker@murfee.com>; Kevin Wenske <Kevin@excelconstruction.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury <afalkenbury@murfee.com>; Sibole, Robert <Robert.Sibole@inframark.com>; Roberts, Melissa <missy.roberts@inframark.com>

Subject: RE: Raw Sewage Spill

Good morning all,
We are flooded again here at Reunion Ranch!

Brad Clark

Excel Construction Services,LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 415-1462 Cell



Delay Duration March 11th and March 12th

Chad Mitchell

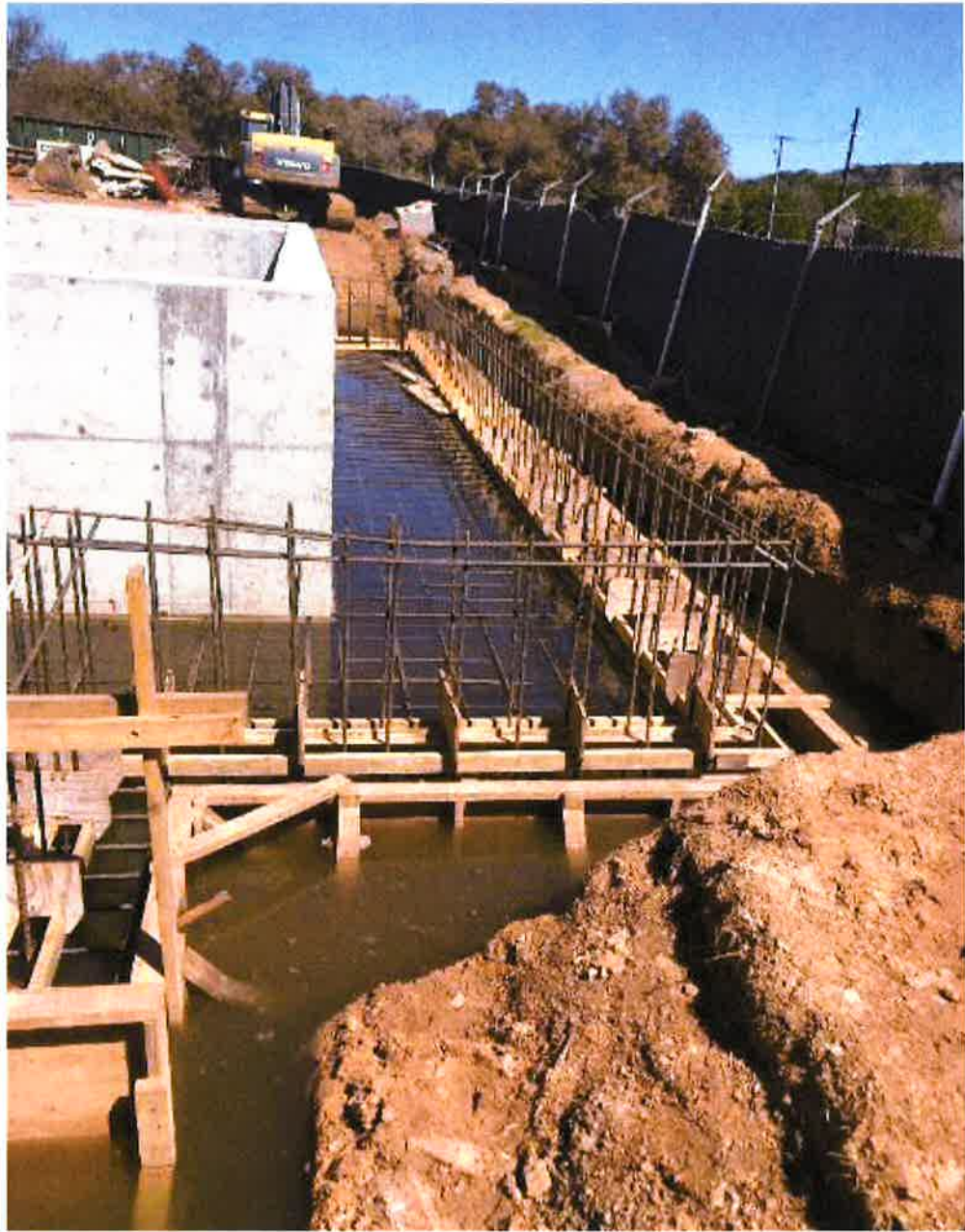
From: Chad Mitchell
Sent: Thursday, March 11, 2021 8:03 AM
To: Brad Clark; Michael Moyer; Willeford, Zachary; clayton@perfectcutsinc.com
Cc: Kennis, Jesse; Andrea Wyatt; Evan Parker; Kevin Wenske; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa
Subject: Sewage Spill 3-11-21

All,

Currently, the effluent lift station is overflowing and spilling into our SBR structure and Chlorine Contact Basin excavation. The plant operator has been called. Please make arrangements to clean the spillage up.

Thanks again





Delay Duration March 13th- 18th

Chad Mitchell

From: Chad Mitchell
Sent: Thursday, March 18, 2021 12:39 PM
To: Brad Clark; 'Michael Moyer'; 'Willeford, Zachary'; 'clayton@perfectcutsinc.com'
Cc: 'Kennis, Jesse'; 'Andrea Wyatt'; 'Evan Parker'; Kevin Wenske; 'Michael Slack'; 'Alek Falkenbury'; 'Sibole, Robert'; 'Roberts, Melissa'; 'kristi.hester@inframark.com'
Subject: RE: Sewage Spill 3-14-21

Evan or Zach,

Jesse informed Brad on Monday that there was another effluent sewage spill on March 14th and a vacuum truck would be here on either Tuesday or Wednesday to clean the remaining sewage from the March 11th spill and newly spilled sewage from March 14th. As of this morning, the sewage remains in the new SBR unit.

We cannot schedule the grout topping work, interior coating work, or any other interior SBR work until the spillage is cleaned up. Can you let us know when the sewage will be removed?

Thanks again,

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

Delay Duration March 30th to April 5th

Chad Mitchell

From: Chad Mitchell
Sent: Wednesday, March 31, 2021 12:47 PM
To: Kennis, Jesse; Brad Clark; Michael Moyer; Willeford, Zachary; clayton@perfectcutsinc.com
Cc: Andrea Wyatt; Evan Parker; Kevin Wenske; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa
Subject: RE: Sewage Spill 3-11-21
Attachments: IMG_1929.JPEG; IMG_1931.JPEG; IMG_1930.JPEG

All,

The effluent lift station spilled sewage into the new SBR structure and Chlorine Contact Basin/ filter pad area this morning. Currently, we are pumping the sewage back into the existing SBR basin from the filter pad area. However, we had to cancel the densities schedule for today until the sewage is removed from the filter pad area.

The plant operator was notified. Please make arrangements to clean the spillage up from the SBR.

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile





Chad Mitchell

From: Chad Mitchell
Sent: Thursday, April 1, 2021 10:05 PM
To: Michael Moyer
Cc: Andrea Wyatt, P.E.; Evan Parker; Brad Clark
Subject: Re: Sewage Spill 3-11-21

Michael,

There are several reasons why the spills are happening. The mixers lost power, the bar screen clogged, effluent pumps stopped working, VFDs went hay wire, the SBR did not decant properly, and the loss of power. Infrmark can give you a more detailed explanation of each of these issues.

Yes, this has had major effects on the schedule this past month and a half. Currently, we are 30 plus days in delays. Andrea asked us to track the delays. We are to the point we can submit the claim and the adjusted schedule for MEC review.

Thanks again,

Chad

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From: Michael Moyer <MMoyer@taylormorrison.com>
Sent: Thursday, April 1, 2021 8:33:42 PM
To: Chad Mitchell <Chad@excelconstruction.com>
Subject: RE: Sewage Spill 3-11-21

Thanks Chad. What impact if any has/will this have on your schedule? Any ideas why this keeps happening?

Michael Moyer

Land Development Director

T: +15125322111

MMoyer@taylormorrison.com
www.taylormorrison.com

TaylorMorrison.



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From: Chad Mitchell <Chad@excelconstruction.com>
Sent: Wednesday, March 31, 2021 12:47 PM
To: Kennis, Jesse <Jesse.Kennis@inframark.com>; Brad Clark <Brad@excelconstruction.com>; Michael Moyer <MMoyer@taylormorrison.com>; Willeford, Zachary <Zachary.Willeford@inframark.com>; clayton@perfectcutsinc.com
Cc: Andrea Wyatt <awyatt@murfee.com>; Evan Parker <eparker@murfee.com>; Kevin Wenske <Kevin@excelconstruction.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury

Delay Duration April 5th to April 8th

Chad Mitchell

From: Chad Mitchell
Sent: Monday, April 5, 2021 9:50 AM
To: Kennis, Jesse; Brad Clark; Michael Moyer; Willeford, Zachary
Cc: Andrea Wyatt; Evan Parker; Kevin Wenske; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa; kristi.hester@inframark.com
Subject: Effluent Spill 4-5-21
Attachments: IMG_1438.jpg; IMG_1439.jpg; IMG_1440.MOV; IMG_1443.jpg; IMG_1445.jpg

All,

The effluent ground storage tank spilled treated sewage into the new electrical duct bank morning. Currently, we are pumping the treated sewage back into the existing SBR basin. However, we have canceled the densities schedule for today and rescheduled the duct bank pour until the area is cleaned up.

Also, the new SBR still has sewage in the basin from the 3/31/21 spill. Please make arrangements to clean the spillage up from the SBR.

Please see attached photos.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile

Chad Mitchell

From: Gabe Cantu <GCantu@moralescompany.com>
Sent: Friday, April 9, 2021 3:57 PM
To: Chad Mitchell
Cc: Marcus Gonzalez; Jaime Ramirez; Brad Clark
Subject: Reunion Ranch - Underground Ductbank
Attachments: 11 - Ductbank Around Effluent Tank - 04.09.21.jpg; 10 - Ductbank Around Effluent Tank - 04.09.21.jpg

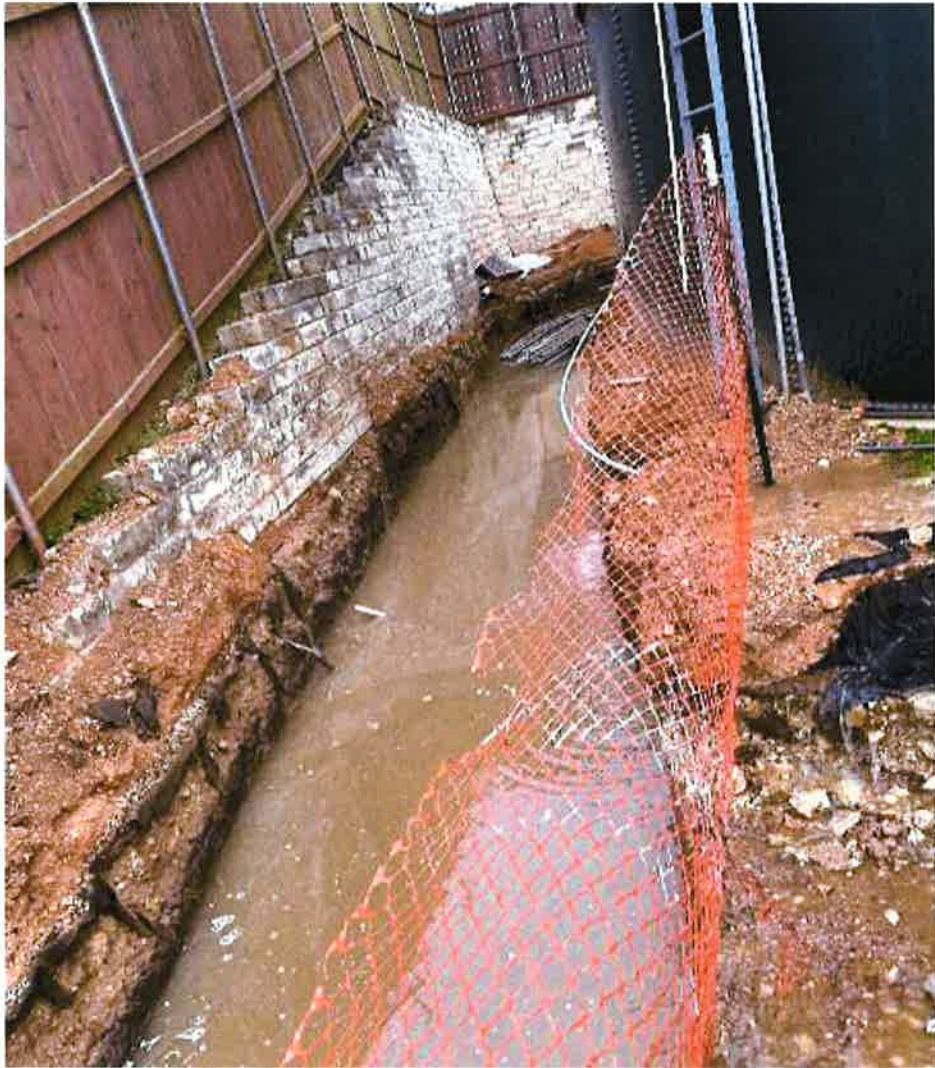
Chad,

Please see the attached pictures of the progress TMC has made with the underground going around the existing effluent tank. Please be advised, that if the existing effluent storage tank overflows again and causes our ditch to be flooded then we will once again have a delay in our schedule. I know you are aware of this but I wanted to inform you how much progress TMC has made since cleaning out the last time the effluent tank flooded our ductbank. Please feel free to contact me if you have any questions or concerns regarding the contents of this email, thanks.

Respectfully,

Gabe Cantu
T. Morales Company (TECL 17189)
211 Elmhurst Drive, Suite C
Kyle, TX 78640
Office – (512) 504-3951
Mobile – (512) 573-0527
gcantu@moralescompany.com

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Delay Duration April 12th to April 13th

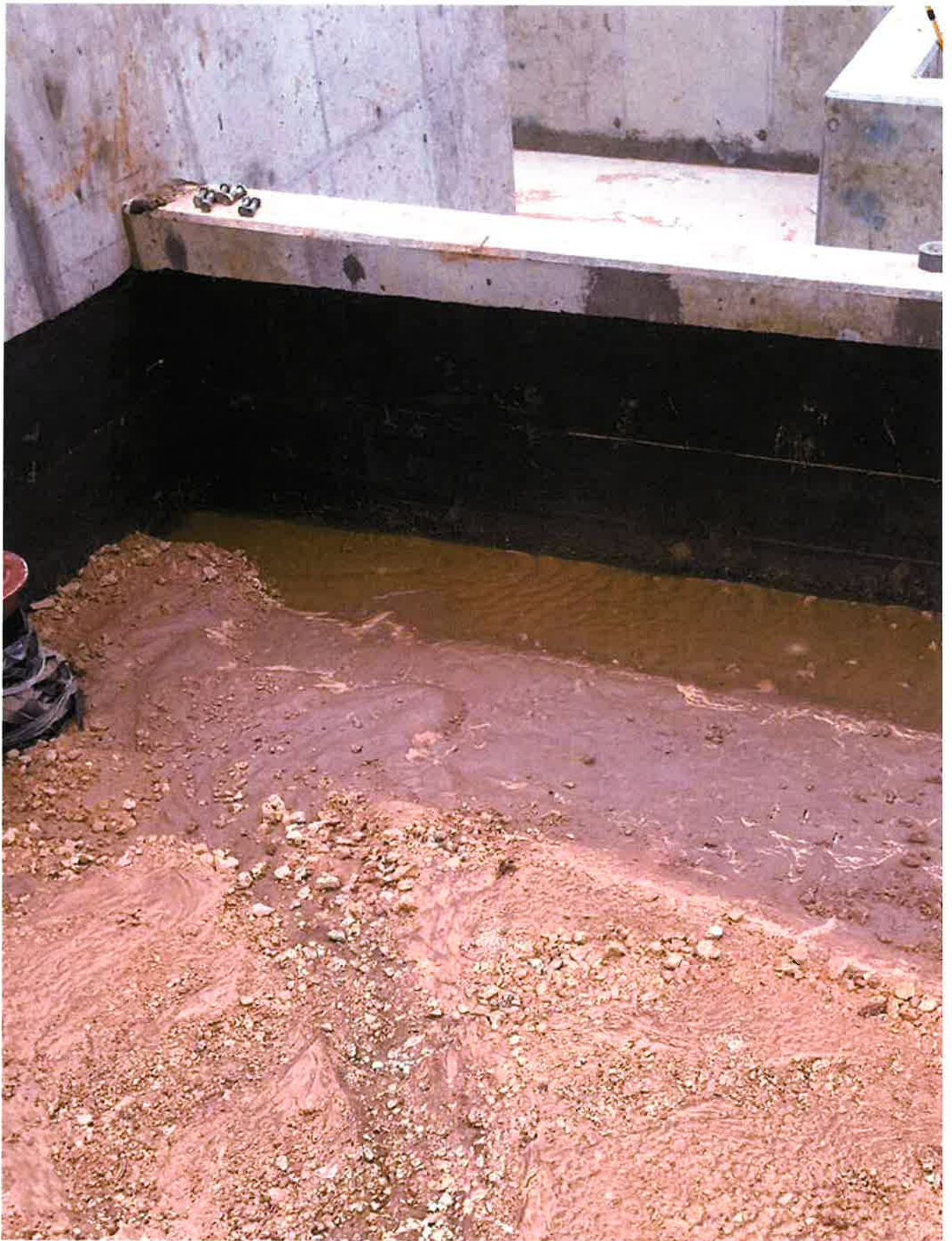
Chad Mitchell

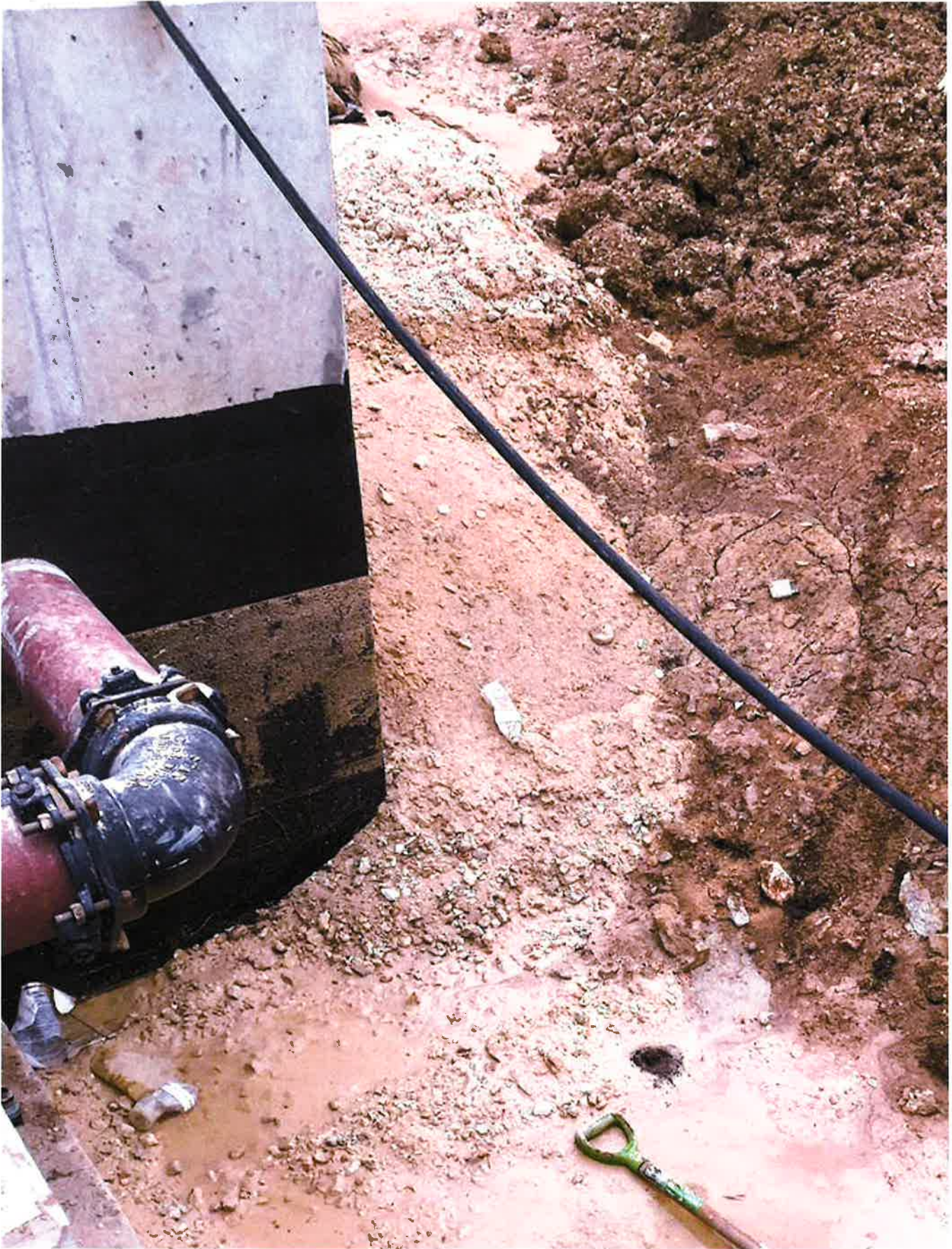
From: Chad Mitchell
Sent: Monday, April 12, 2021 10:10 AM
To: Kennis, Jesse; Brad Clark; Michael Moyer; Willeford, Zachary
Cc: Andrea Wyatt; Evan Parker; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa; kristi.hester@inframark.com
Subject: RE: Effluent Spill 4-11-21

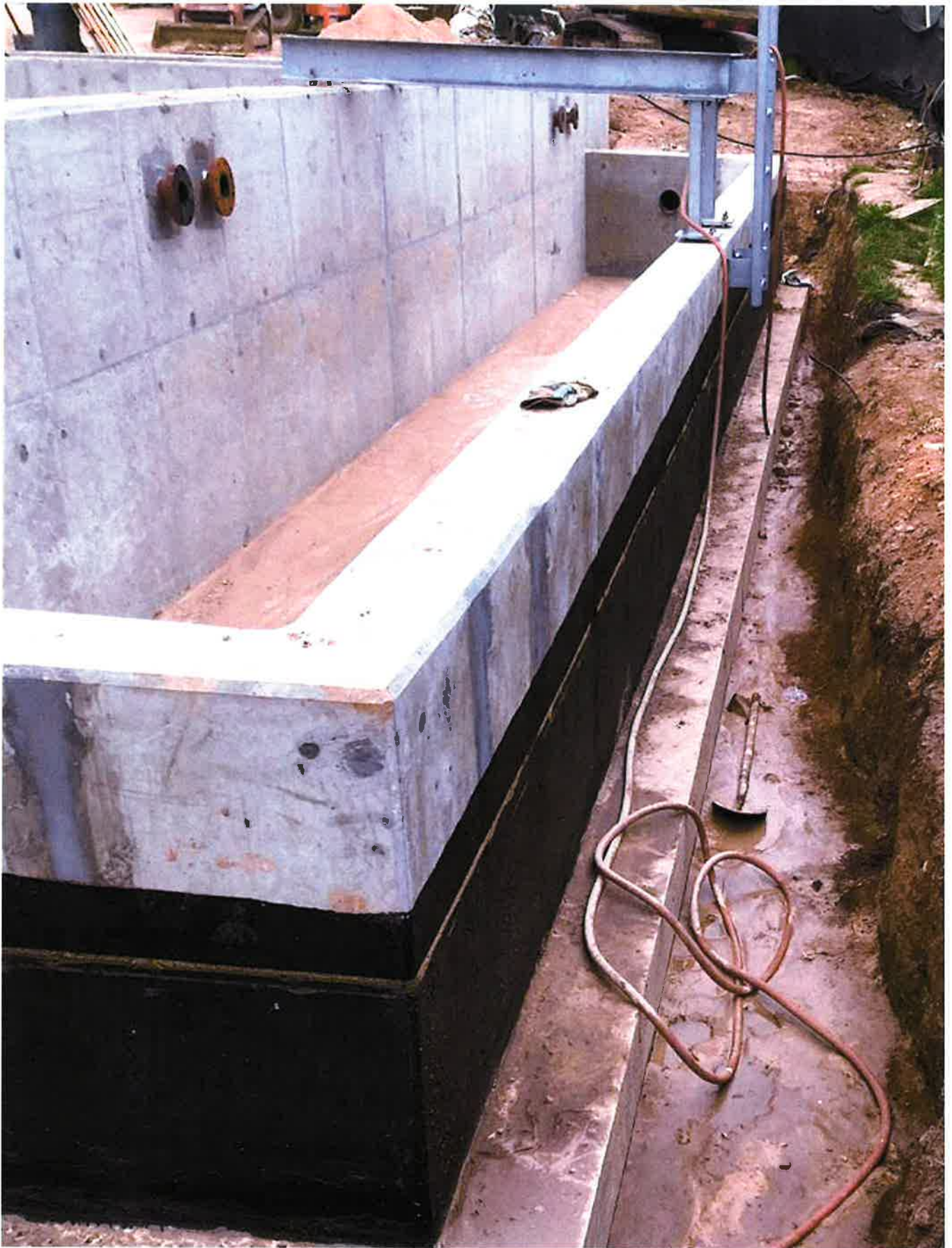
All,

The effluent lift station spilled sewage into the new Filter Slab Excavation, Chlorine Contact Excavation, and SBR Excavation. The sewage was pumped out sometime over the weekend. However, the sewage spill causes Excel to fail our densities this morning. We will reschedule the densities once the area is dry. Also, due to the continual spillages, we have to reschedule the filter equipment and SBR equipment delivery until the end of the month.

Thanks again,









Delay Duration April 16th to April 21st

Chad Mitchell

From: Chad Mitchell
Sent: Friday, April 16, 2021 8:52 AM
To: Kennis, Jesse; Brad Clark; Michael Moyer; Willeford, Zachary
Cc: Andrea Wyatt; Evan Parker; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa; kristi.hester@inframark.com
Subject: Effluent Spill 4-16-21
Attachments: 4-16-21 flood .3jpg.jpg; 4-16-21 flood 2.jpg; 4-16-21 flood 1.jpg

All,

The effluent lift station spilled sewage into the new Filter Slab Excavation, Chlorine Contact Excavation, and SBR Excavation. It is our understanding that Inframark has arranged to have the sewage spill cleaned up. See attached photos.

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile





Chad Mitchell

From: Gabe Cantu <GCantu@moralescompany.com>
Sent: Monday, April 19, 2021 1:00 PM
To: Chad Mitchell
Cc: Brad Clark; Marcus Gonzalez; Jaime Ramirez
Subject: Reunion Ranch - Raw Sewage Flooding Ductbanks

Chad,

As you are aware TMC's Onsite Superintendent Marcus Gonzalez informed me today that there was another flood that occurred at the Reunion Ranch WWTP Site, which caused raw sewage to run and flood areas that were excavated for our electrical ductbanks. This is now the second incident of hazardous flooding that the owner has been more than aware of and is now starting to effect TMC's work schedule. Please be advised, TMC will not force our field staff to work in areas that have been exposed to hazardous waste until these locations can be sanitized and cleaned in a manner deemed fitting to work in again. TMC estimates that it will take at least three full work days to have time to complete the cleaning process, which will create an increase in price of additional time and material for this procedure. In addition due to this flood TMC is now forced to keep rental equipment onsite longer than originally anticipated. TMC expects the owner to cover these additional cost since it is their equipment/plant that has failed countless times to provide us with adequate working conditions hindering TMC to perform our scope of work in a timely manner.

Respectfully,

Gabe Cantu
T. Morales Company (TECL 17189)
211 Elmhurst Drive, Suite C
Kyle, TX 78640
Office – (512) 504-3951
Mobile – (512) 573-0527
gcantu@moralescompany.com

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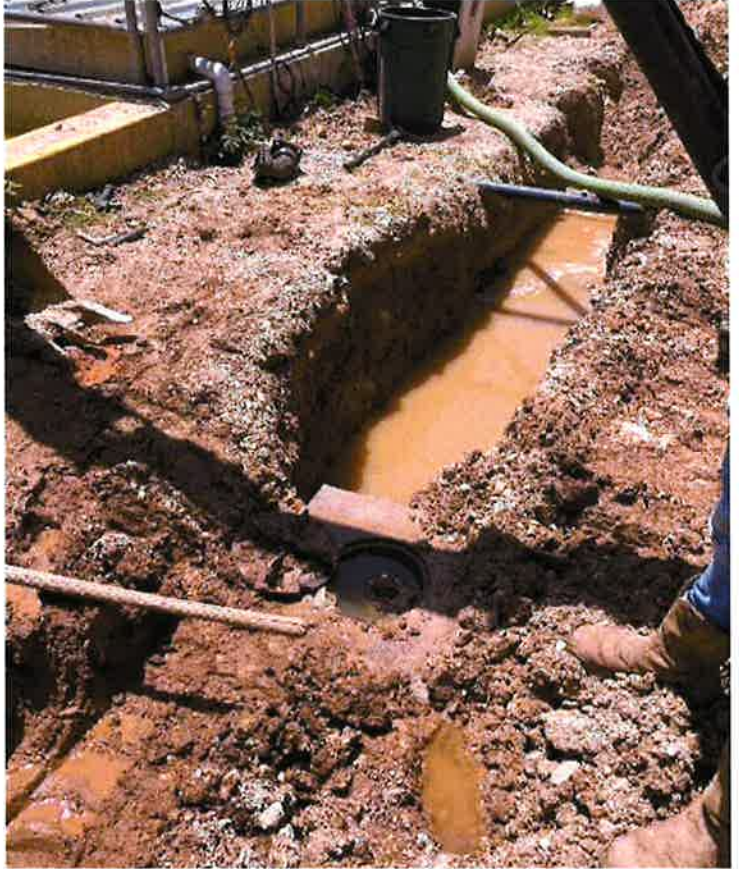
Delay Duration May 3rd

Chad Mitchell

From: Chad Mitchell
Sent: Tuesday, May 4, 2021 3:24 PM
To: Chad Mitchell
Subject: Sewage floo

Evan,
This spill happen to day. Any word when the plant is going to install the new SCADA system?

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CHANGE PROPOSAL SUMMARY SHEET



Project Name: Reunion Ranch *****
Change Description: Sewage Spill MARCH, APRIL and MAY
PCM No: 004

Date: June 4, 2021

MATERIALS/QUOTES:	Amount	Op	Rate	Extended
		X	1	\$0.00
Subtotal				\$0.00
Sales Tax	\$0.00	X	0.00%	\$0.00
MATERIAL/QUOTES SUBTOTAL				\$0.00
LABOR:	Hours	Op	Rate	Extended
Straight Time Labor March	354	X	\$20.74	\$7,341.25
Straight Time Labor April	460	X	\$20.74	\$9,543.62
Straight Time Labor May	34	X	\$21.67	\$734.13
Overtime Labor:	0	X	\$37.50	\$0.00
Subtotal Manhours:	0			\$17,619.00
Foreman Time (Lawrence Manning) :	0	X	\$35.00	\$0.00
Assistant Superintendent:	0	X	\$0.00	\$0.00
Superintendent Time (Brad Clark):	0	X	\$70.00	\$0.00
Material Proc. & Hndlg. Labor (5% of Man Hours):	0	X	\$0.00	\$0.00
Update As Built Drawings:	0	X	\$0.00	\$0.00
SUBTOTAL LABOR:				\$17,619.00
DIRECT JOB EXPENSES:	Amount	Op	Rate	Extended
Project Manager (Chad Mitchell):	0	X	\$0.00	\$0.00
Jobsite Trailer (Monthly)	\$0.00	X	1	\$0.00
Port-o-can (Monthly)	\$0.00	X	1	\$0.00
Water (for injection)	\$0.00	X	1	\$0.00
Backhoe (weekly)	\$0.00	X	2	\$0.00
SUBTOTAL DIRECT JOB EXPENSES:				\$0.00
EXCEL CONSTRUCTION MARKUPS:	Amount	Op	Rate	Extended
Direct Costs:	\$17,619.00	X	1	\$17,619.00
Work Comp / SS / Unemployment:	\$17,619.00	X	27.00%	\$4,757.13
SUBTOTAL:				\$22,376.12
OH&P @ 15%:	\$22,376.12	X	15.00%	\$3,356.42
EXCEL CONSTRUCTION SUBTOTAL:				\$25,732.54
SUBCONTRACTS WITH MARKUPS:	Amount	Op	Rate	Extended
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
		X	1	\$0.00
SUBTOTAL:				\$0.00
OH&P @ 5%	\$0.00	X	0.00%	\$0.00
SUBCONTRACTS SUBTOTAL:				\$0.00
SUBTOTAL / SUMMARY:	Amount	Op	Rate	Extended
Liability / Builders Risk (Cost of Work Only):	\$25,732.54	X	1.00%	\$257.33
SUBTOTAL (Excel Subtotal / Subcontracts / Builders Risk):				\$25,989.87
P&P Bond	\$25,989.87	X	2.00%	\$519.80
GRAND TOTAL THIS CHANGE:				\$26,510



May 11, 2021

Murfee Engineer Company
1101 Capital of Texas Highway South
Building D Suit 110
Austin Texas 78746
Attn: Andrea Wyatt P.E

Re: Reunion Ranch WWTP -PCM 003 – Winter Freeze and Sewage Spills

Ms. Wyatt P.E,

Please find attached the PCM 003 for the Winter Freeze and Sewage spills. Per your request, Excel has included two PCM 003 Summary Sheets, one for the winter freeze and another for the sewage spills. Along with the additional cost, Excel will be requesting additional time due to the Winter Freeze and Sewage spills.

Winter Freeze

No work was performed from February 11, 2021, to February 21, 2021, due to to the winter freeze. The event was unusual inclement weather, which is beyond the normal weather record and expected weather for the Austin, Texas area. Ultimately the State of Texas declared this a state of emergency for the area. Excel is requesting an additional 11 days for this unusual inclement weather delay.

Excel returned to the site on February 22, 2021. At this time the spillage of raw sewage into our newly poured SBR structures and excavation was not cleaned up and remained so until February 25, 2021. During this time we were not able to perform normal work from the period of February 22, 2021, to February 25, 2021. Sometime on late February 25, 2021, or early February 26, 2021, a potable water line broke. The line break once again flooded the newly poured SBR structures and excavation. Excel repaired the line. During both of these events, no work was performed onsite. Excel is requesting an additional 7 days for spillages which cost Excel \$14,673.00 in labor.

Plant Sewage Spills March, April and May.

During March, April, and May, the plant has spilled and flooded sewage 9 different times throughout the job site. Each spill and flood has caused a delay to the project that stops the normal schedule of work. Some of the direct activities that were affected by the spill are pouring concrete, excavation, backfilling, density testing, pipe installation, and installation of electrical duct banks. Furthermore, it has required Excel to pump, clean up and work in the affected areas

PO Box 2260, Leander, Texas 78646
1202 Leander Drive, Leander, Texas 78641
512.259.5005 512.259.5665
www.excelconstruction.com

of the sewage. In total the sewage spills caused a minimum of 31 days delay to the schedule and cost Excel \$26,767.00 in labor.

Along with the PCM 003 Change Proposal Sheet for Winter Freeze and Plant Sewage Spills, Excel has included a Delay Summary detailing the days and activities that were directly affected by spills. Excel has included February, March, April, and May calendars to show the spillage dates. These calendars also illustrate how the spills have led to a lack of production to complete the project. Also, Excel is supplying a copy of the emails that were sent to notify all parties of all the spillages and photographs of the spillages.

We are requesting a total of 49 days due to the above delays and \$41,440 in costs. Also, it must be noted that the above events only cover through May 3, 2021. Please review the attached PCM 003 and let Excel know if you any questions concerning additional cost and time.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Mitchell".

Chad Mitchell
Project Manager.

PO Box 2260, Leander, Texas 78646
1202 Leander Drive, Leander, Texas 78641
512.259.5005 512.259.5665
www.excelconstruction.com

Delay Summary

Feb 11 -Feb 21 **Winter Freeze**

Feb 17 – Feb 25 – **Raw Sewage Spill** due to the Winter Freeze power lose. Delay Chlorine Contact Basin slab pour. SBR flooded

Feb 26 - **Potable Water Line Broke** -Delay Chlorine Contact Basin slab pour. SBR flooded, Excel Repaired Pipe

March 1-March 2 **Effluent Lift Station Spill** - Delay Chlorine Contact Basin slab pour. SBR flooded

March 11-12 – **Effluent Lift Station Spill** – Delay Placement of Grouting in Basin - SBR flooded

March 13-14 – **Effluent Lift Station Spill** - Delay Placement of Grouting in Basin -SBR flooded

March 14 - March 18- **Effluent Lift Station Spill Sewage remained in SBR #2 Basin**

March 30 – March 31st- **Effluent Lift Station Spill** - Flood Filter Area and SBR – Densities Delay

March 30 – April 5- **Effluent Lift Station Spill Sewage remained in SBR #2 Basin**

April 3rd – April 4th - **Effluent Lift Station Spill** - Flood Filter Area and SBR – Densities Delay

April 5th - April 8– **Effluent Ground Storage Tanks** - Flood Electrical Duct bank.

April 12th- April 13th -**Effluent Lift Station Spill** - Flood Filter Area and SBR – Densities Delay

April 16th- April 21th -**Effluent Lift Station Spill** - Flood Filter Area, SBR , Electrical Duct dank – Densities Delay

May 3rd – **Pipe Trench Flooding** - Screen overflow flooded pipe trench. Excel pump back into existing basin

18 Days in which Excel work was delay

February

2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11 WINTER FREEZE	12	13 →
14	15	16	17	18 Crew on site	19	20 →
WINTER FREEZE						
Crew not on site			RAW SEWAGE SPILL			
21	22	23	24	25	26	27
WINTER FREEZE					POTABLE WATER LINE BREAK	POTABLE WATER LINE BREAK
RAW SEWAGE SPILL				→	Repair Water Line	
	Crew on site			→		
28						
POTABLE WATER LINE BREAK						

 12 Days in which Excel work was delay

March 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 EFFLUENT LIFT STATION SPILL	2 EFFLUENT LIFT STATION SPILL	3	4	5	6
7	8	9	10	11 EFFLUENT LIFT STATION SPILL	12 →	13 EFFLUENT LIFT STATION SPILL
14 EFFLUENT LIFT STATION SPILL 6" OF SEWAGE REMAINED IN SBR	15	16	17	18 →	19	20
21	22	23	24	25 →	26	27
28	29	30 EFFLUENT LIFT STATION SPILL SEWAGE REMAINED IN SBR	31 →			

19 Days in which Excel work was delay

April 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
SEWAGE REMAINED IN SBR	EFFLUENT TANK SPILLAGE			SEWAGE REMAINED IN SBR		
11	12	13	14	15	16	17
	EFFLUENT LIFT STATION SPILL				EFFLUENT LIFT STATION SPILL	
18	19	20	21	22	23	24
EFFLUENT LIFT STATION SPILL						
25	26	27	28	29	30	

 1 Days in which Excel work was delay

May 2021

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 SCREEN OVERFLOW	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Delay Duration Feb 17th - Feb 25th

Chad Mitchell

From: Chad Mitchell
Sent: Monday, February 22, 2021 10:01 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse
Subject: RE: Raw Sewage Spill

Andrea,

Following up on our conversation, the raw sewage spill did get into the new SBR basin. We are guessing there is about 5' of sewage in the basin. This basin will need to be cleaned also. Because both basins are requiring cleaning, Excel could begin pumping the remaining raw sewage from the chlorine contact basin excavation to the new SBR basin. This will allow Inframark some time to arrange Wastewater Transport to remove the sewage and get the raw sewage off the ground.

If this is the direction, RRWWTP, MEC, and Inframark would like to move, please send me written direction authorizing Excel to pump the raw sewage into the SBR basin. Inframark will still bear all costs to remove and clean the sewage from the basin and excavation.

As of note, the Chlorine Contact Basin slab was scheduled to be poured on 2/23/21 and the grout flooring was to be poured on 2/26/21.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

From: Andrea Wyatt <awyatt@murfee.com>
Sent: Monday, February 22, 2021 7:04 AM
To: Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>
Subject: RE: Raw Sewage Spill

Chad,

Thank you for the update on the extent of this spill. I will contact Inframark to determine their schedule.

Regards,

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

From: Chad Mitchell [<mailto:Chad@excelconstruction.com>]
Sent: Monday, February 22, 2021 6:55 AM

To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske
Subject: Raw Sewage Spill

Andrea,

To follow up on Jesse's email from February 17, 2021, the winter storm affected the plant operation. Raw sewage from the bar screen area overflowed into the new effluent structure and the chlorine contact basin. The spill appears to fill the new effluent basin and chlorine contact basin. The attached photos were taken on Saturday afternoon.

As of this morning, the raw sewage is still in the new effluent structure and the chlorine contact basin excavation. The sewage spill will directly affecting our schedule and is causing a delay to the project. Excel is assuming that the plant operator will remove the raw sewage, clean the basins and power wash the basins and rebar. Before we can calculate the extent of the delay. Please get with Inframark and provide Excel with a date when the raw sewage will be cleaned and removed from the site.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile









Murfee Engineering Company

February 22, 2021

Via Email
Chad Mitchell
Excel Construction Services, LLC.
PO Box 2260
Leander, TX 78548

RE: Reunion Ranch WCID Wastewater Treatment Plant Expansion
Winter Storm Wastewater Overflow Resolution
MEC File: 1202.108

Dear Mr. Mitchell,

The winter storm that took place from February 13th through 19th caused significant wastewater overflow into the excavation in progress at the RRWWTP. Inframark is working to schedule Wastewater Transport to pump and haul the overflow, however given the demand for Wastewater Transport's services it is uncertain how long it may take for them to fully remove all wastewater from the excavation. Inframark and MEC recommend that Excel help where they can by pumping wastewater from the excavated area into the concrete basins and pressure wash as needed in order to start working on the construction tasks in an effort minimize delays related to the winter storm event. Excel should carefully document costs associated with the cleanup effort in order to request reimbursement from Inframark. Additionally, Excel should document the delays to their originally planned schedule.

Sincerely,

A handwritten signature in cursive script that reads 'Andrea Wyatt'.

Andrea Wyatt, P.E.

Delay Duration Feb 26th

Chad Mitchell

From: Chad Mitchell
Sent: Friday, February 26, 2021 8:41 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse; Michael Moyer; Michael Slack; Alek Falkenbury
Subject: RE: Raw Sewage Spill
Attachments: IMG_1878.JPG; IMG_0857.JPG; IMG_0858.JPG

Andrea,

It appears that a line broken broke last night and flooded our chlorine contact basin excavation and SBR basin again. Please see attached picture.

Thanks again.

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile





Chad Mitchell

From: Chad Mitchell
Sent: Friday, February 26, 2021 9:04 AM
To: Michael Moyer; Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse; Michael Slack; Alek Falkenbury
Subject: RE: Raw Sewage Spill
Attachments: IMG_1878.JPG

It appears to be the potable water line. We are trying to locate the line. The plant operator is on-site.

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

From: Michael Moyer <MMoyer@taylormorrison.com>
Sent: Friday, February 26, 2021 8:58 AM
To: Andrea Wyatt <awyatt@murfee.com>; Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>; Kennis, Jesse <Jesse.Kennis@inframark.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury <afalkenbury@murfee.com>
Subject: RE: Raw Sewage Spill

Is that an irrigation line or effluent line that broke?

Michael Moyer
Land Development Director
T: +15125322111

MMoyer@taylormorrison.com
www.taylormorrison.com

TaylorMorrison.



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From: Andrea Wyatt [<mailto:awyatt@murfee.com>]
Sent: Friday, February 26, 2021 8:46 AM
To: Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>; Kennis, Jesse <Jesse.Kennis@inframark.com>; Michael Moyer <MMoyer@taylormorrison.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury

<afalkenbury@murfee.com>

Subject: RE: Raw Sewage Spill

This message originated from outside of our organization

Chad,

Alright, thanks for the update. All we can do is work to get it cleaned up.

Jesse,

Have you been in contact with WWTS about getting some pumper trucks out to work on removing the water from the basin and excavation?

Thanks,

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

From: Chad Mitchell [<mailto:Chad@excelconstruction.com>]

Sent: Friday, February 26, 2021 8:41 AM

To: Andrea Wyatt

Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse; Michael Moyer; Michael Slack; Alek Falkenbury

Subject: RE: Raw Sewage Spill

Andrea,

It appears that a line broken broke last night and flooded our chlorine contact basin excavation and SBR basin again. Please see attached picture.

Thanks again.

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile

From: Andrea Wyatt <awyatt@murfee.com>

Sent: Monday, February 22, 2021 11:24 AM

To: Chad Mitchell <Chad@excelconstruction.com>

Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>; Kennis, Jesse <Jesse.Kennis@inframark.com>; Michael Moyer <MMoyer@taylormorrison.com>; Michael Slack <MSSlack@taylormorrison.com>; Alek Falkenbury <afalkenbury@murfee.com>

Subject: RE: Raw Sewage Spill

Chad,

Please see attached letter. It sounds like WWTS was able to pump at least one load already, but who knows if they'll be able to continue.

Regards,

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

From: Chad Mitchell [<mailto:Chad@excelconstruction.com>]
Sent: Monday, February 22, 2021 10:01 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske; Kennis, Jesse
Subject: RE: Raw Sewage Spill

Andrea,

Following up on our conversation, the raw sewage spill did get into the new SBR basin. We are guessing there is about 5' of sewage in the basin. This basin will need to be cleaned also. Because both basins are requiring cleaning, Excel could begin pumping the remaining raw sewage from the chlorine contact basin excavation to the new SBR basin. This will allow Inframark some time to arrange Wastewater Transport to remove the sewage and get the raw sewage off the ground.

If this is the direction, RRWWTP, MEC, and Inframark would like to move, please send me written direction authorizing Excel to pump the raw sewage into the SBR basin. Inframark will still bear all costs to remove and clean the sewage from the basin and excavation.

As of note, the Chlorine Contact Basin slab was scheduled to be poured on 2/23/21 and the grout flooring was to be poured on 2/26/21.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

From: Andrea Wyatt <awyatt@murfee.com>
Sent: Monday, February 22, 2021 7:04 AM
To: Chad Mitchell <Chad@excelconstruction.com>
Cc: Evan Parker <eparker@murfee.com>; Brad Clark <Brad@excelconstruction.com>; Kevin Wenske <Kevin@excelconstruction.com>
Subject: RE: Raw Sewage Spill

Chad,

Thank you for the update on the extent of this spill. I will contact Inframark to determine their schedule.

Regards,

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

From: Chad Mitchell [<mailto:Chad@excelconstruction.com>]
Sent: Monday, February 22, 2021 6:55 AM
To: Andrea Wyatt
Cc: Evan Parker; Brad Clark; Kevin Wenske
Subject: Raw Sewage Spill

Andrea,

To follow up on Jesse's email from February 17, 2021, the winter storm affected the plant operation. Raw sewage from the bar screen area overflowed into the new effluent structure and the chlorine contact basin. The spill appears to fill the new effluent basin and chlorine contact basin. The attached photos were taken on Saturday afternoon.

As of this morning, the raw sewage is still in the new effluent structure and the chlorine contact basin excavation. The sewage spill will directly affecting our schedule and is causing a delay to the project. Excel is assuming that the plant operator will remove the raw sewage, clean the basins and power wash the basins and rebar. Before we can calculate the extent of the delay. Please get with Inframark and provide Excel with a date when the raw sewage will be cleaned and removed from the site.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

Delay Duration March 1st

Chad Mitchell

From: Chad Mitchell
Sent: Monday, March 1, 2021 8:16 AM
To: Michael Moyer; Willeford, Zachary; clayton@perfectcutsinc.com
Cc: Kennis, Jesse; Andrea Wyatt; Evan Parker; Brad Clark; Kevin Wenske; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa
Subject: RE: Raw Sewage Spill
Attachments: IMG_1881.JPEG; IMG_1882.JPEG

Andrea,

It appears the basins and chlorine contact excavation flooded again over the weekend. We believe the cause of the flooding is from the effluent lift station. Please see attached picture.

We have rescheduled the rebar inspection to Tuesday, March 2nd, and will still try to pour the chlorine contact basin slab on March 3, 2021. I will let you know the effects of the schedule.

Thanks again.

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile



Delay Duration March 2nd

From: Brad Clark <Brad@excelconstruction.com>

Sent: Tuesday, March 2, 2021 7:22 AM

To: Chad Mitchell <Chad@excelconstruction.com>; Michael Moyer <MMoyer@taylormorrison.com>; Willeford, Zachary <Zachary.Willeford@inframark.com>; clayton@perfectcutsinc.com

Cc: Kennis, Jesse <Jesse.Kennis@inframark.com>; Andrea Wyatt <awyatt@murfee.com>; Evan Parker <eparker@murfee.com>; Kevin Wenske <Kevin@excelconstruction.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury <afalkenbury@murfee.com>; Sibole, Robert <Robert.Sibole@inframark.com>; Roberts, Melissa <missy.roberts@inframark.com>

Subject: RE: Raw Sewage Spill

Good morning all,
We are flooded again here at Reunion Ranch!

Brad Clark

Excel Construction Services,LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 415-1462 Cell



Delay Duration March 11th and March 12th

Chad Mitchell

From: Chad Mitchell
Sent: Thursday, March 11, 2021 8:03 AM
To: Brad Clark; Michael Moyer; Willeford, Zachary; clayton@perfectcutsinc.com
Cc: Kennis, Jesse; Andrea Wyatt; Evan Parker; Kevin Wenske; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa
Subject: Sewage Spill 3-11-21

All,

Currently, the effluent lift station is overflowing and spilling into our SBR structure and Chlorine Contact Basin excavation. The plant operator has been called. Please make arrangements to clean the spillage up.

Thanks again





Delay Duration March 13th- 18th

Chad Mitchell

From: Chad Mitchell
Sent: Thursday, March 18, 2021 12:39 PM
To: Brad Clark; 'Michael Moyer'; 'Willeford, Zachary'; 'clayton@perfectcutsinc.com'
Cc: 'Kennis, Jesse'; 'Andrea Wyatt'; 'Evan Parker'; Kevin Wenske; 'Michael Slack'; 'Alek Falkenbury'; 'Sibole, Robert'; 'Roberts, Melissa'; 'kristi.hester@inframark.com'
Subject: RE: Sewage Spill 3-14-21

Evan or Zach,

Jesse informed Brad on Monday that there was another effluent sewage spill on March 14th and a vacuum truck would be here on either Tuesday or Wednesday to clean the remaining sewage from the March 11th spill and newly spilled sewage from March 14th. As of this morning, the sewage remains in the new SBR unit.

We cannot schedule the grout topping work, interior coating work, or any other interior SBR work until the spillage is cleaned up. Can you let us know when the sewage will be removed?

Thanks again,

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile

Delay Duration March 30th to April 5th

Chad Mitchell

From: Chad Mitchell
Sent: Wednesday, March 31, 2021 12:47 PM
To: Kennis, Jesse; Brad Clark; Michael Moyer; Willeford, Zachary; clayton@perfectcutsinc.com
Cc: Andrea Wyatt; Evan Parker; Kevin Wenske; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa
Subject: RE: Sewage Spill 3-11-21
Attachments: IMG_1929.JPEG; IMG_1931.JPEG; IMG_1930.JPEG

All,

The effluent lift station spilled sewage into the new SBR structure and Chlorine Contact Basin/ filter pad area this morning. Currently, we are pumping the sewage back into the existing SBR basin from the filter pad area. However, we had to cancel the densities schedule for today until the sewage is removed from the filter pad area.

The plant operator was notified. Please make arrangements to clean the spillage up from the SBR.

Chad Mitchell

Excel Construction Services, LLC

(512) 259-5005 Office

(512) 259-5665 Fax

(512) 945-3287 Mobile





Chad Mitchell

From: Chad Mitchell
Sent: Thursday, April 1, 2021 10:05 PM
To: Michael Moyer
Cc: Andrea Wyatt, P.E.; Evan Parker; Brad Clark
Subject: Re: Sewage Spill 3-11-21

Michael,

There are several reasons why the spills are happening. The mixers lost power, the bar screen clogged, effluent pumps stopped working, VFDs went hay wire, the SBR did not decant properly, and the loss of power. Infrmark can give you a more detailed explanation of each of these issues.

Yes, this has had major effects on the schedule this past month and a half. Currently, we are 30 plus days in delays. Andrea asked us to track the delays. We are to the point we can submit the claim and the adjusted schedule for MEC review.

Thanks again,

Chad

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From: Michael Moyer <MMoyer@taylormorrison.com>
Sent: Thursday, April 1, 2021 8:33:42 PM
To: Chad Mitchell <Chad@excelconstruction.com>
Subject: RE: Sewage Spill 3-11-21

Thanks Chad. What impact if any has/will this have on your schedule? Any ideas why this keeps happening?

Michael Moyer

Land Development Director

T: +15125322111

MMoyer@taylormorrison.com
www.taylormorrison.com

TaylorMorrison.



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From: Chad Mitchell <Chad@excelconstruction.com>
Sent: Wednesday, March 31, 2021 12:47 PM
To: Kennis, Jesse <Jesse.Kennis@inframark.com>; Brad Clark <Brad@excelconstruction.com>; Michael Moyer <MMoyer@taylormorrison.com>; Willeford, Zachary <Zachary.Willeford@inframark.com>; clayton@perfectcutsinc.com
Cc: Andrea Wyatt <awyatt@murfee.com>; Evan Parker <eparker@murfee.com>; Kevin Wenske <Kevin@excelconstruction.com>; Michael Slack <MSlack@taylormorrison.com>; Alek Falkenbury

Delay Duration April 5th to April 8th

Chad Mitchell

From: Chad Mitchell
Sent: Monday, April 5, 2021 9:50 AM
To: Kennis, Jesse; Brad Clark; Michael Moyer; Willeford, Zachary
Cc: Andrea Wyatt; Evan Parker; Kevin Wenske; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa; kristi.hester@inframark.com
Subject: Effluent Spill 4-5-21
Attachments: IMG_1438.jpg; IMG_1439.jpg; IMG_1440.MOV; IMG_1443.jpg; IMG_1445.jpg

All,

The effluent ground storage tank spilled treated sewage into the new electrical duct bank morning. Currently, we are pumping the treated sewage back into the existing SBR basin. However, we have canceled the densities schedule for today and rescheduled the duct bank pour until the area is cleaned up.

Also, the new SBR still has sewage in the basin from the 3/31/21 spill. Please make arrangements to clean the spillage up from the SBR.

Please see attached photos.

Thanks again,

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile

Chad Mitchell

From: Gabe Cantu <GCantu@moralescompany.com>
Sent: Friday, April 9, 2021 3:57 PM
To: Chad Mitchell
Cc: Marcus Gonzalez; Jaime Ramirez; Brad Clark
Subject: Reunion Ranch - Underground Ductbank
Attachments: 11 - Ductbank Around Effluent Tank - 04.09.21.jpg; 10 - Ductbank Around Effluent Tank - 04.09.21.jpg

Chad,

Please see the attached pictures of the progress TMC has made with the underground going around the existing effluent tank. Please be advised, that if the existing effluent storage tank overflows again and causes our ditch to be flooded then we will once again have a delay in our schedule. I know you are aware of this but I wanted to inform you how much progress TMC has made since cleaning out the last time the effluent tank flooded our ductbank. Please feel free to contact me if you have any questions or concerns regarding the contents of this email, thanks.

Respectfully,

Gabe Cantu
T. Morales Company (TECL 17189)
211 Elmhurst Drive, Suite C
Kyle, TX 78640
Office – (512) 504-3951
Mobile – (512) 573-0527
gcantu@moralescompany.com

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Delay Duration April 12th to April 13th

Chad Mitchell

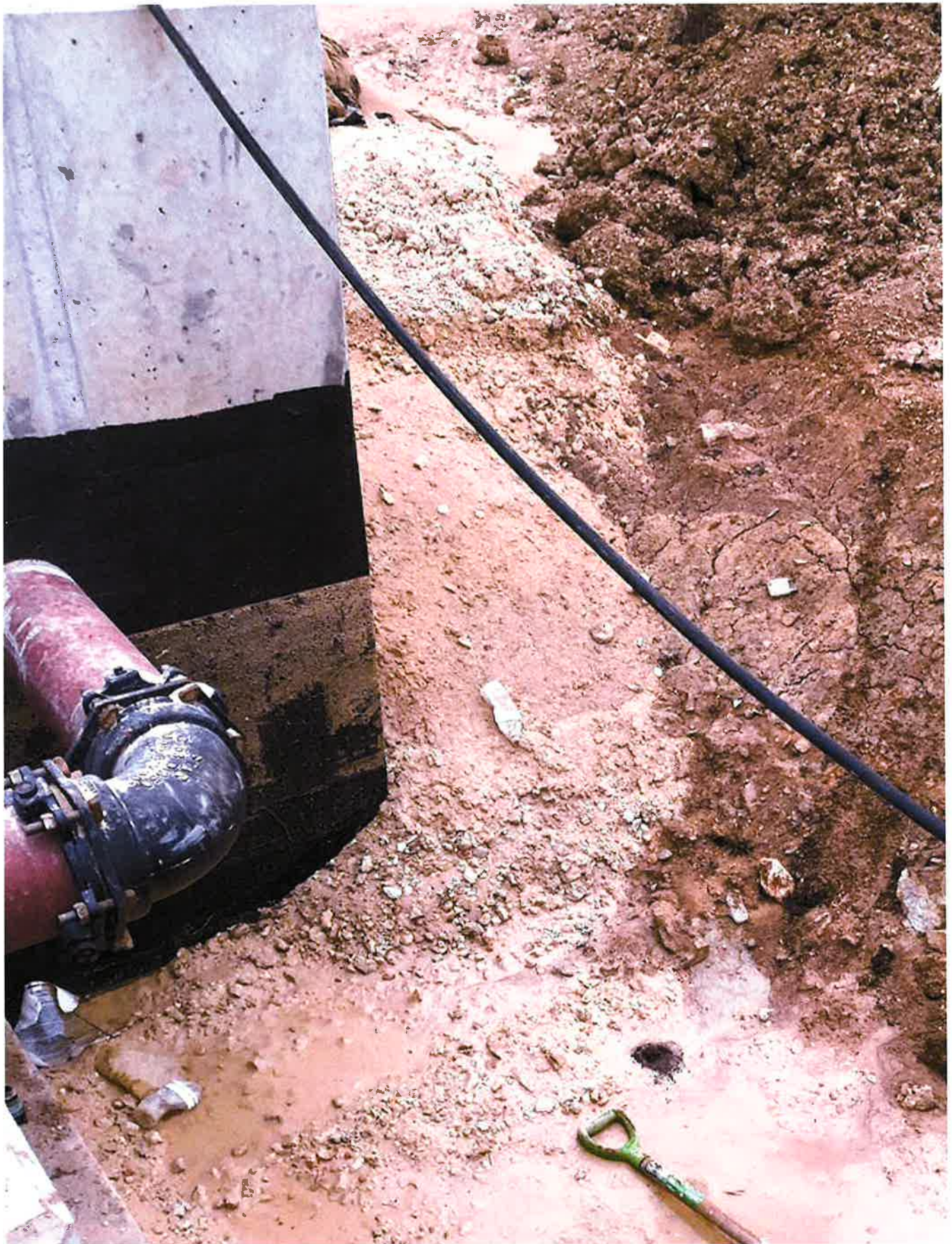
From: Chad Mitchell
Sent: Monday, April 12, 2021 10:10 AM
To: Kennis, Jesse; Brad Clark; Michael Moyer; Willeford, Zachary
Cc: Andrea Wyatt; Evan Parker; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa; kristi.hester@inframark.com
Subject: RE: Effluent Spill 4-11-21

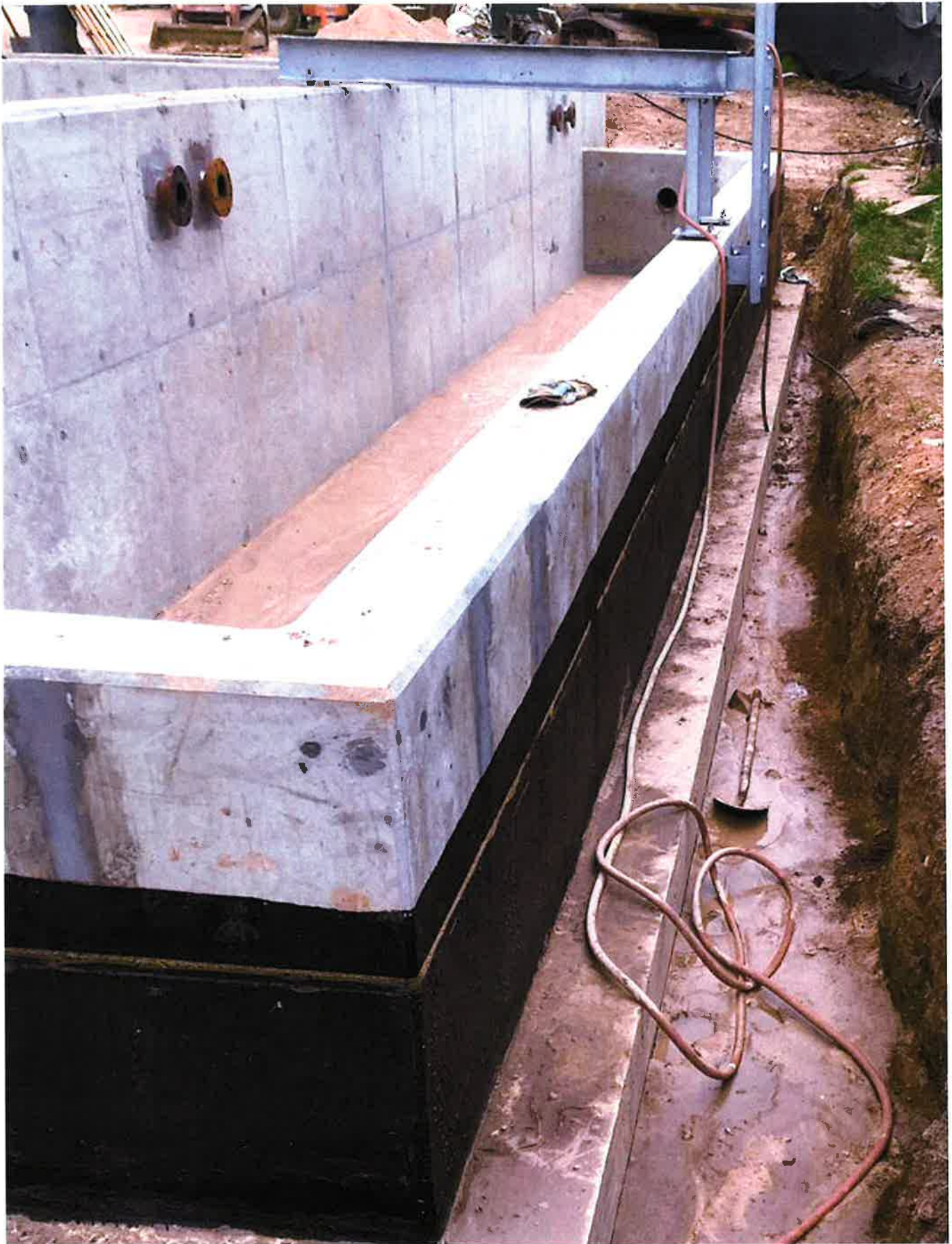
All,

The effluent lift station spilled sewage into the new Filter Slab Excavation, Chlorine Contact Excavation, and SBR Excavation. The sewage was pumped out sometime over the weekend. However, the sewage spill causes Excel to fail our densities this morning. We will reschedule the densities once the area is dry. Also, due to the continual spillages, we have to reschedule the filter equipment and SBR equipment delivery until the end of the month.

Thanks again,









Delay Duration April 16th to April 21st

Chad Mitchell

From: Chad Mitchell
Sent: Friday, April 16, 2021 8:52 AM
To: Kennis, Jesse; Brad Clark; Michael Moyer; Willeford, Zachary
Cc: Andrea Wyatt; Evan Parker; Michael Slack; Alek Falkenbury; Sibole, Robert; Roberts, Melissa; kristi.hester@inframark.com
Subject: Effluent Spill 4-16-21
Attachments: 4-16-21 flood .3jpg.jpg; 4-16-21 flood 2.jpg; 4-16-21 flood 1.jpg

All,
The effluent lift station spilled sewage into the new Filter Slab Excavation, Chlorine Contact Excavation, and SBR Excavation. It is our understanding that Inframark has arranged to have the sewage spill cleaned up. See attached photos.

Chad Mitchell

Excel Construction Services, LLC
(512) 259-5005 Office
(512) 259-5665 Fax
(512) 945-3287 Mobile





Chad Mitchell

From: Gabe Cantu <GCantu@moralescompany.com>
Sent: Monday, April 19, 2021 1:00 PM
To: Chad Mitchell
Cc: Brad Clark; Marcus Gonzalez; Jaime Ramirez
Subject: Reunion Ranch - Raw Sewage Flooding Ductbanks

Chad,

As you are aware TMC's Onsite Superintendent Marcus Gonzalez informed me today that there was another flood that occurred at the Reunion Ranch WWTP Site, which caused raw sewage to run and flood areas that were excavated for our electrical ductbanks. This is now the second incident of hazardous flooding that the owner has been more than aware of and is now starting to effect TMC's work schedule. Please be advised, TMC will not force our field staff to work in areas that have been exposed to hazardous waste until these locations can be sanitized and cleaned in a manner deemed fitting to work in again. TMC estimates that it will take at least three full work days to have time to complete the cleaning process, which will create an increase in price of additional time and material for this procedure. In addition due to this flood TMC is now forced to keep rental equipment onsite longer than originally anticipated. TMC expects the owner to cover these additional cost since it is their equipment/plant that has failed countless times to provide us with adequate working conditions hindering TMC to perform our scope of work in a timely manner.

Respectfully,

Gabe Cantu
T. Morales Company (TECL 17189)
211 Elmhurst Drive, Suite C
Kyle, TX 78640
Office – (512) 504-3951
Mobile – (512) 573-0527
gcantu@moralescompany.com

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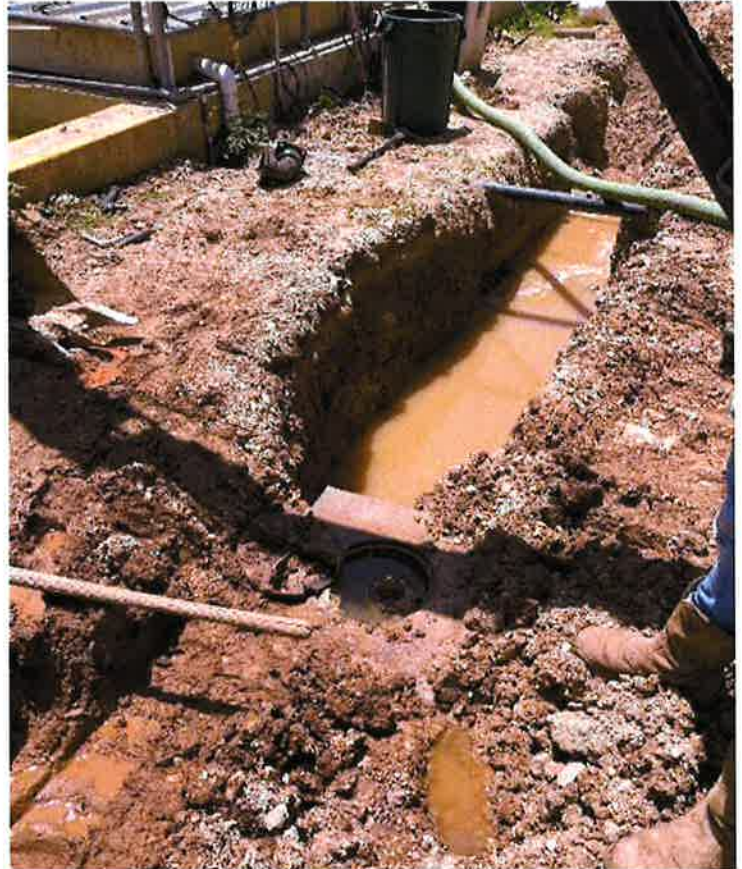
Delay Duration May 3rd

Chad Mitchell

From: Chad Mitchell
Sent: Tuesday, May 4, 2021 3:24 PM
To: Chad Mitchell
Subject: Sewage floo

Evan,
This spill happen to day. Any word when the plant is going to install the new SCADA system?

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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: June 10th, 2021
TO: BOARD OF DIRECTORS – REUNION RANCH WCID
FROM: George Murfee, P.E.
RE: Engineer's Report – June 2021
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.

WWTP Expansion

Work has been limited due to inclement weather resulting in the contractor needing to stop work to constantly pump rain water out of trenches and basins. The contractor was able to install the new blowers and the lift station wet well. Additionally, the exterior coating on the lift station is finished and the SBR basin bridge is currently being installed. When the rain becomes less frequent, the new basins are to be grouted and the lift station pit is to be backfilled.

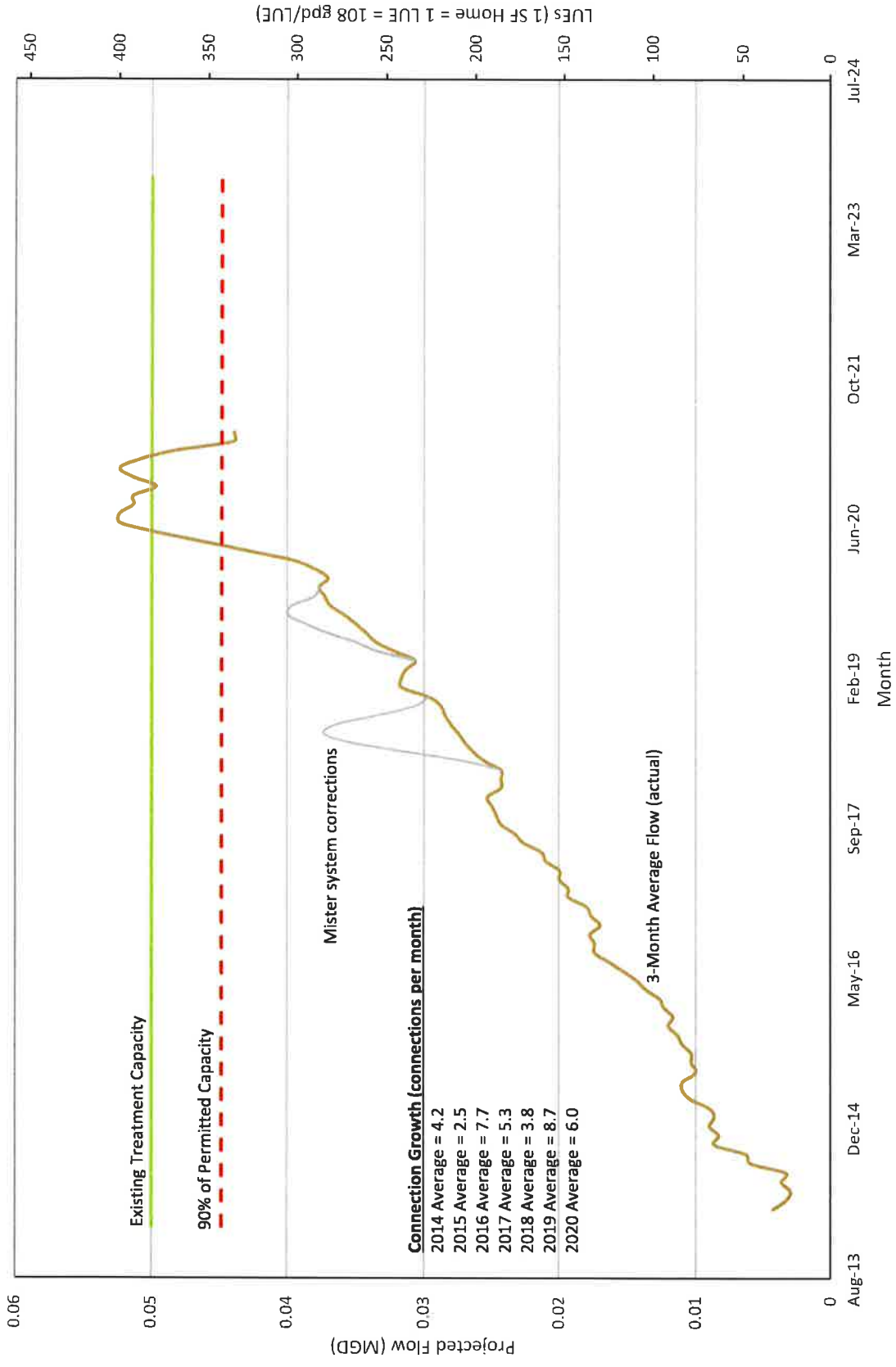
MEC has continued to monitor basin levels, via weekly SCADA data, to assess daily peak times to prevent overflows. The high level alarms are working as they should and have read out alarms twice within the past month and called WWTS to site for an unscheduled haul. There have also been some solids hauled, which is to be expected, since there is no longer an option to waste into a sludge box. No spills/overflows have been reported in over a month.

210 Conversion

MEC is scheduled to finish collecting data with the Perfect Cuts crew on June 17th and will finish running calculations to size an appropriate effluent irrigation pump. These calculations will help provide some data needed for the LCRA grant application due in September.

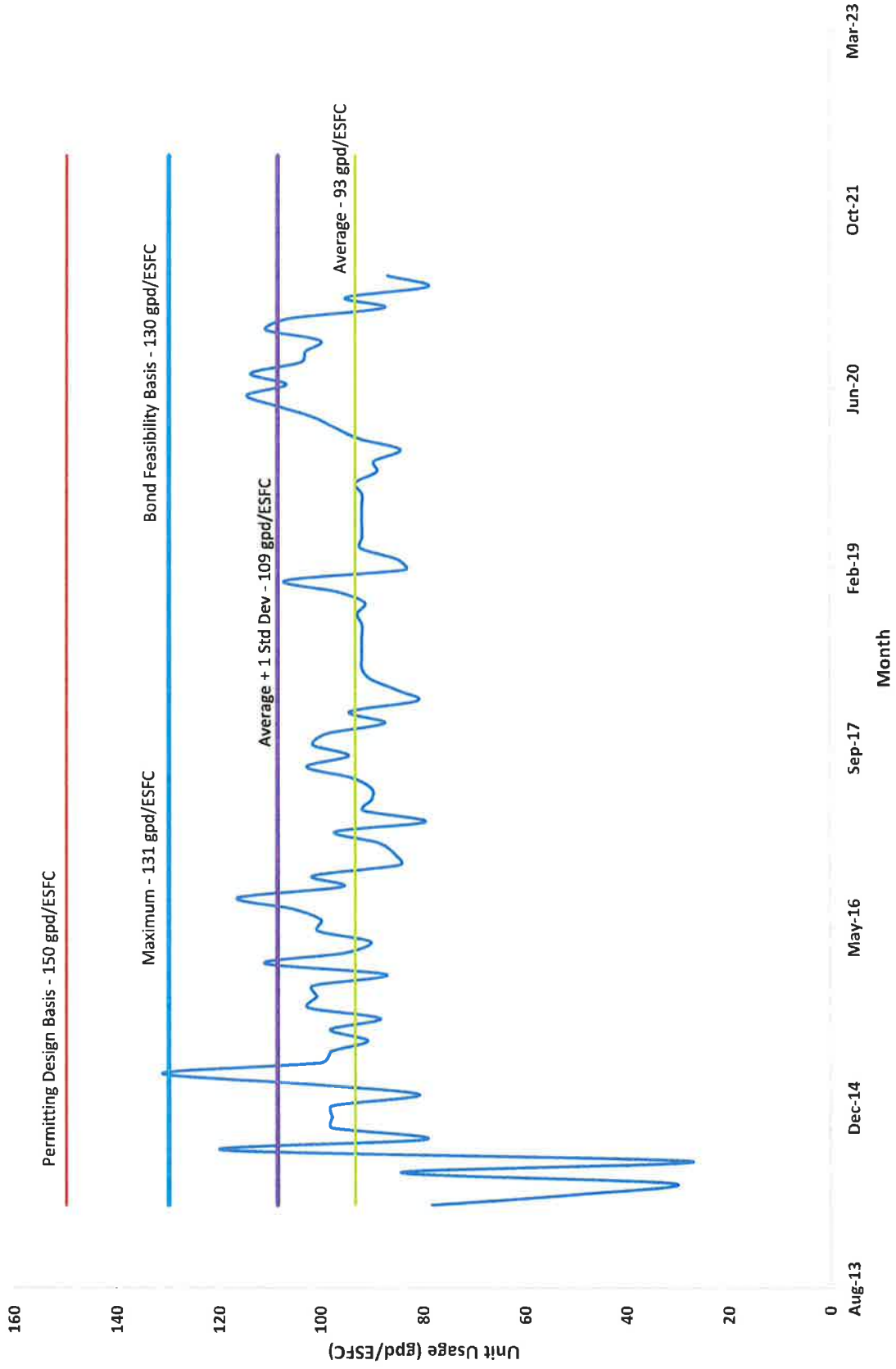
Murfee Engineering Company, Inc.
 Texas Registered Firm No. F-353
 1101 Capital of Texas Hwy., S., Bldg. D
 Austin, Texas 78746

Reunion Ranch WCID Wastewater Flow Projections



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
Building D, Suite 110
Austin, Texas 78746
(512) 327-9204

M E M O R A N D U M

DATE: June 1, 2021
TO: Reunion Ranch WCID Board of Directors
FROM: Andrea Wyatt, P.E.
RE: Pond Inspection and Recommendations

MEC Project No.:12002-116

The purpose of this memo is to inform the Board of the observations made during the site visit to the pond located off of Mary Elise Way on May 14th, 2021. The original intent of the site visit was to determine if pedestrian access to the pond could be made safer but additional concerns were brought up during the visit. All of these items are outlined in this memo, along with recommendations and proposals where appropriate.

Maintenance Access Road and Pedestrian Access

The maintenance access road is often used by residents as a pedestrian access to the pathway that runs between Mary Elise Way and the pond. However, the maintenance road is constructed of rip rap with a typical largest diameter between three and five inches and does not provide a safe walking path. As the rip rap provides a stable access way to the pond, any improvement must maintain that access. MEC recommends that the center portion of the access road can be converted to a more stable path by removing the larger rock and putting down small diameter gravel. If the District chooses to do this, the gravel pathway must be considered an item that would require maintenance as the smaller gravel is likely to be washed downgrade by rain and will need replaced regularly. This is a generally low priority item as the issue does not impact operation of the stormwater system.



Figure 1: Pond Access Point on Mary Elise Way

In addition to the modifications to the road in order to make pedestrian access safer, an inquiry was made regarding the possibility of modifying the gate in order to make it possible to get through the security gate without walking around the gate, through the large rock. No standard gate could be found with a configuration that allows for pedestrian passage through the center of a double road access gate like the one currently installed. MEC doesn't recommend further pursuit of this inquiry unless the Board continues to receive requests from the residents.

Pathway around Pond

The residents raised the request to install a walking pathway around the circumference of the pond. The pond was designed with a minimum 6-foot wide berm which could serve as the location for the installation of a path. MEC was not able to confirm that the berm installed actually has this designed flat top. Additionally, the Board should be aware that any path construction would require a level of engineering to ensure long-term stability and will require long-term maintenance. This is a generally low priority item as the issue does not impact operation of the stormwater system.

Water Flowing over Concrete Pathway

The existing concrete walkway is in the typical path for the water flowing out of the pond. This causes particular problems after a large rainfall event and the water remains on the pathway for extended periods of time causing a walking hazard. The concrete was installed in response to the washing away of

the original gravel path. MEC has reviewed the approved construction documents for information on the pathways intended design, however it appears as though the pathway was added without a basis of design making analysis difficult. MEC recommends that the construction of the pathway be reviewed by an individual familiar with sidewalk design. This is a generally low priority item as the issue does not impact operation of the stormwater system.

Erosion throughout Green Space and Impact on Pathway

There is significant erosion occurring throughout the green-space that stretches between the pond outlet weir and Jacksdaw Road. The erosion is caused by pond effluent flowing overland, crossing both over and under the concrete pathway several times. It appears as though no permanent ditch was installed to carry the pond effluent away from the pond or to direct the effluent away from the pathway. This is likely because the pond effluent is considered treated water and is simply being discharged to the ground. Additional investigation will be necessary to determine a pathway that the pond effluent can follow and the steps necessary to modify the grade in order to help avoid water flowing over the pathway. MEC can provide an official proposal for this work, but a preliminary estimate indicates that the effort to investigate the erosion and make a recommendation will cost approximately \$6,500. This is a generally low priority item as the issue does not impact operation of the stormwater system.



Figure 2: Example Erosion Caused by Overland Flow of Pond Effluent

Use of the Pond for Recreation

The question of using the pond for various recreational activity came up during the site visit, specifically swimming, fishing, and entrance by pets. Generally speaking residents should not enter the pond as the stormwater run-off contains contaminants such as oils, heavy metals, pesticides, fertilizers, and any other materials that end up on the ground in the development. Pets should not be permitted to swim in the pond for the same reason. The pond maintenance contractor indicated that fishing can be allowed, however the fish should never be consumed. If the District or Board is concerned about liability, it may be useful to install signage indicating that the pond is not safe for swimming, etc. If the Board elects to communicate the potential use of the pond, the communication should go out community wide relatively soon in order allow for appropriate use during the upcoming summer season.

Pond Aeration

The pond maintenance contractor brought up the possibility of installing underwater aeration in order to enhance the function of the pond. By adding oxygen to the water, the biology at the bottom of the pond could function more efficiently and extend the duration between pond solids removal events, potentials by five to ten years. Aquatic Features, Inc., stated that a system typically costs approximately \$4,800 installed, assuming 110V power is available within 50 feet of the pond's edge. An information sheet about the proposed system is attached to this memo. MEC recommends that the Board consider adding an aeration system to the pond if electrical service can be easily brought to the pond's edge.

Pond Solids Removal

The pond is designed to retain solids and to treat contaminants using the natural pond biology. This process leads to a slow build-up of solids on the pond floor. Eventually this build-up needs to be removed in order to maintain an appropriate pond volume for treating the storm water. The interval between solids removal varies depending on the quality and quantity of the stormwater. The pond maintenance contractor, Aquatic Features, Inc., can complete a survey of the pond sludge depth to determine is removal is required and the sludge dredging contractor can use their survey to provide a better quote for their services. Aquatic Features, Inc., has indicated that they charge \$650 to complete the survey and that the typical cost for sludge removal is between \$75,000 and \$125,000 per acre. Measuring the surface area of the pond on Google Earth yields an approximate surface area of 0.75 acres. MEC recommends that the sludge layer be surveyed in order to determine the rate of solids accrual and forecast when sludge removal may become necessary.

Weir Undermining

While on site, MEC observed that there has been some undermining of the weir at the outlet of the pond. It is difficult to determine the extent of the material removed, photos are attached that show how the material is missing from around and below the concrete weir structure. A structural engineer may need to inspect the weir to determine if the structure is currently stable and what the Board can expect in terms of ongoing erosion. Based on a review of the photos taken during the site visit, a structural engineer indicated that the typical; remedy is to core an appropriately sized hole through the weir from the top and inject flowable fill to fill any gaps between the concrete and the soil. MEC would make additional erosion control recommendations to protect the downstream face of the weir from further erosion.



Figure 3: Example of Erosion at Outlet Weir

Issues from Inframark

Inframark noted several issues that impact the operator's ability to maintain this wet pond, as well as the other water quality ponds in the development.

Rip Rap at Pond Influent Structure

Inframark pointed out that large diameter rip rap had been placed on top of the concrete apron that protects in the inlet from erosion. The rip rap collects sediment and provides a fertile growing substrate for various plants causing water to collect in the concrete structure during dry periods. This water is somewhat isolated from the pond and is still, increasing the risk of mosquito population growth.

Additionally it is very difficult for the operator to maintain the plant growth. Both Inframark and Aquatic Features, Inc., stated that the installation was nonstandard in their experiences. After reviewing the

record drawings for the pond, MEC determined that the rip rap was not part of the original design and can be removed from the concrete apron.



Figure 4: Rip Rap, Sediment, and Vegetation at Pond Inlet

Access to Pond Off of Jacksdaw

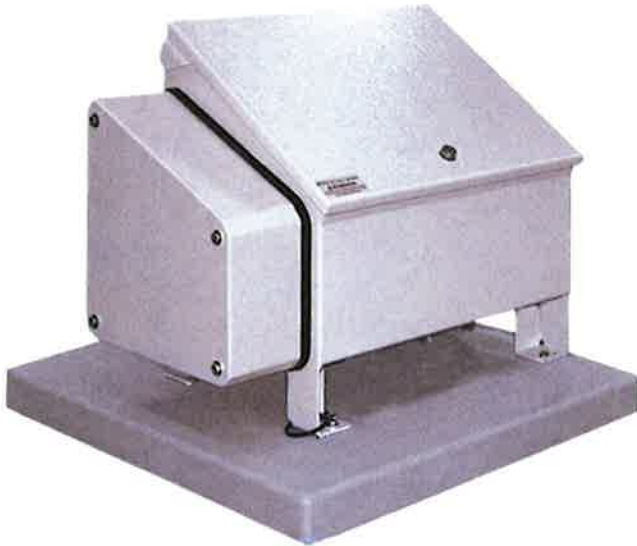
The pond off of Jacksdaw has an access road for maintenance purposes, however the road does not access the pond in a manner conducive to maintaining the inlet structure and the operator is required to drive heavy equipment across the wet portion of the pond when it is needed to remove built-up sediment. As easements are being currently being defined, the District should consider modifying the current easement configuration in order to allow for access to the pond closer to the inlet structure.

Summary of Issues

The following table provides a summary of the issues, recommendations, and timeline for the items discussed above.

Issue	Solution/Recommendation	Recommended Schedule
Maintenance Access Road and Pedestrian Access	Remove large rocks from center 36 to 48 inches of the access road and install small gravel to construct a stable walkway	Not a priority item beyond the Board's desire to address resident concerns
Pathway around Pond	Solicit proposals for construction of a pathway on berm	Not a priority item
Erosion throughout Green Space and Impact on Pathway	Investigate the grade and determine if the pond outfall was installed properly, potentially modify the grade	Not a priority item in terms of stormwater system operation, investigation can be completed when the Board approves the work
Use of the Pond for Recreation	Non-contact recreation is permissible, signage may be warranted, communication can be sent to residents	Send communication to residents ahead of the summer season
Pond Aeration	Request official proposal if electricity is readily available, coordinate with Inframark	Request proposal immediately, add installation of pond aeration system to July Board meeting if the budget allows
Pond Solids Removal	Solids will need to be removed and the quantity of solids in the pond should be surveyed to help determine when removal will become necessary, an estimate for cost of removal can be obtained after the survey is completed	Survey the pond sludge depth this summer, add sludge removal to the CIP list
Weir Undermining	The weir should be evaluated by a structural engineer	Evaluation should be completed as soon as possible
Rip Rap at Pond Influent Structure	Remove rip rap, sediment, and vegetation on the concrete apron	Complete when Inframark provides a proposal that can be approved by the Board.
Access to Pond off of Jacksdaw	Inframark should make a recommendation for the appropriate location for the permanent easement	Need recommendation as soon as possible in order to integrate easement in the current efforts

Vertex diffused aeration systems are super-efficient, affordable and safe. The rising force of millions of bubbles transports bottom water to the surface, allowing oxygen to be absorbed and circulating the entire water column.



Options: Sound kits, Shallow Water AirStations and VBS remote valve boxes

BENEFITS TO THE LAKE

- ◆ High pumping rate easily penetrates stratification layers
- ◆ Promotes beneficial bacteria growth
- ◆ Prevents low oxygen fish kills
- ◆ Reduces nutrient levels and associated algae growth
- ◆ Oxidizes/reduces bottom muck
- ◆ Expands oxygenated habitat for improved fisheries
- ◆ Reduces aquatic midge and mosquito insect hatches
- ◆ Eliminates foul odors from undesirable dissolved gases

1/2 HP SYSTEMS	
NAME	AIRSTATIONS
AIR 2 XL2	2
AIR 3 XL2	3
AIR 2 XL4	2

SUPER-DUTY BROOKWOOD™ COMPRESSOR 3-year Vertex warranty

(excluding wearable parts: air filters and compressor maintenance kits)



- ◆ UL, 115v or 230v, 2 Cycle, 4.3 CFM
- ◆ Built for continuous 24/7 operation
- ◆ Upgraded rotors, stators, valve plates, bearings and capacitors
- ◆ Vertex SafeStart™ Technology for auto restart under maximum rated pressure without motor damage
- ◆ Thermal overload protection
- ◆ Oil-free, and require no lubrication
- ◆ 2-3 year extended duty cycle between scheduled maintenance

MEDIUM QUIETAIR™ CABINET Limited lifetime warranty against rust

- ◆ Powder coated aluminum for a durable attractive finish
- ◆ Equipped with a stamped ventilation grill
- ◆ High capacity 140 CFM fan
- ◆ Class "A" GFCI Protection on compressor and fan circuits
- ◆ Quick disconnect switch included
- ◆ Easy access design with cam lock
- ◆ Easy plug-in connection to waterside electrical service
- ◆ Heavy duty, light weight mounting pad included
- ◆ Optional muffler box and additional insulation

©Vertex Aquatic Solutions. We reserve the right to improve/change our designs/specifications without notice or obligation.

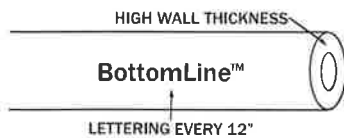
Getting the right system requires knowing the acreage, depth, shape and slope and location of power source.
Contact Vertex or your local Vertex Dealer for free design recommendations.



BOTTOMLINE™ SUPPLY TUBING

15-year Vertex warranty

- ◆ Available in 50', 100', 250' and 500' spools
- ◆ Self-weighted for easy installation
- ◆ Flexible PVC composite direct burial and submersible tubing
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- ◆ Over-sized I.D. for high flow



More than 60,000 diffuser disks installed without a single reported clogged or blown-out membrane. Each produces up to 3000 fine micron bubbles – the majority 500 to 1000 microns.



AIRSTATION DISKS

5-year "No Questions" warranty

- ◆ 9" diameter, flexible membrane diffuser discs
- ◆ Self-cleaning, low maintenance
- ◆ EPDM compound with 100% rebound memory
- ◆ Flexible, long-wearing and clog resistant even in the dirtiest waterbodies
- ◆ "Delta" surface pattern increases active surface area
- ◆ Highly efficient even during low and moderate air flows
- ◆ Larger, stronger diffuser ring improves membrane retention
- ◆ StableTrak™ technology increases lift velocity

SELF-SINKING AIRSTATION: XL1, XL2, XL2SW

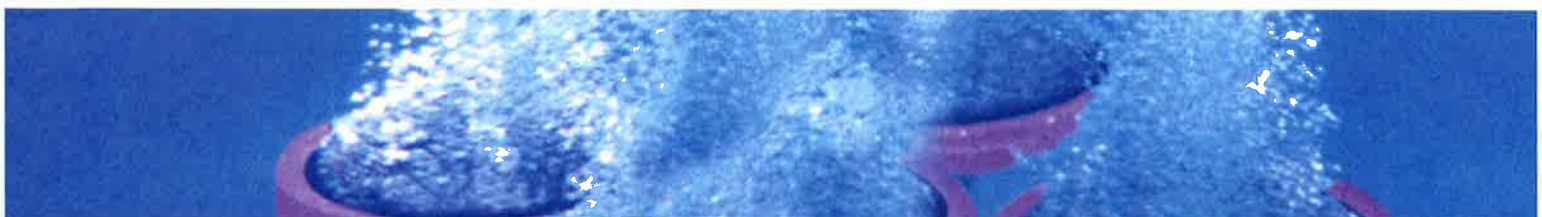
5-year "No Questions" warranty

- ◆ Made of powder-coated stainless steel
- ◆ Designed to prevent settling into soft bottom sediments.
- ◆ Adjustable diffuser risers accommodate any site requirements

STANDARD AIRSTATION: XL4, XL5

5-year "No Questions" warranty

- ◆ Vacuum-formed HDPE base, spot-welded for unit integrity
- ◆ Hollow chamber design for the addition of gravel ballast
- ◆ Lipped design prevents settling into soft bottom sediments.





**Reunion Ranch WCID
General Manager Reports for the month of
May 2021
Board Meeting: June 15th, 2021**

Reviewed By: Kristi Hester
Date: 6/9/2021



14050 Summit Drive, #103 Austin, TX 78728

United States

T: +1 512 246 0498

www.inframark.com

Memorandum for: Board of Director's Reunion Ranch WCID

From: Kristi Hester

Date: 6.9.2021

Subject: General Manager's Executive Summary Report

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

1) Water System

- a) 506 active connections. 8.03 MG purchased for the month. 93.5% water accounted for.
- b) Chlorine and bacteriological samples all in compliance.
- c) 11 delinquent letters mailed out zero disconnects - Over 60 days less than \$250.00
- d) Repaired leak on master meter sample port

2) WWTP/Collection System

- a) Total flows 1.37 MG, average 44,000 GPD, 88% capacity - exceeded BOD and TSS permit levels
- b) Scheduled hauls in the AM and PM have been working well to contain our levels therefore no overflows have occurred due to high levels
- c) We have made progress on the treatment process and have reduced the TSS and BOD levels - partly due to inability to manage solids
- d) Non-Potable Signs have been installed at drip fields
- e) Operations is cleaning the bar screens 2x per day to prevent air scrubber from malfunction
- f) Repaired leak in field 21
- g) Pulled effluent pump #1 clogged

3) Drainage/Ponds

- a) Meeting onsite with committee and residents went very well - Andrea will have the full report and
- b) Cleaned inlets at pond 2-3 and 3-1

4) Construction

- a) Conducted 36 Builder Inspections

5) Other

- a) Application for FEMA grant has been processed

Current Items Requiring Board Approval

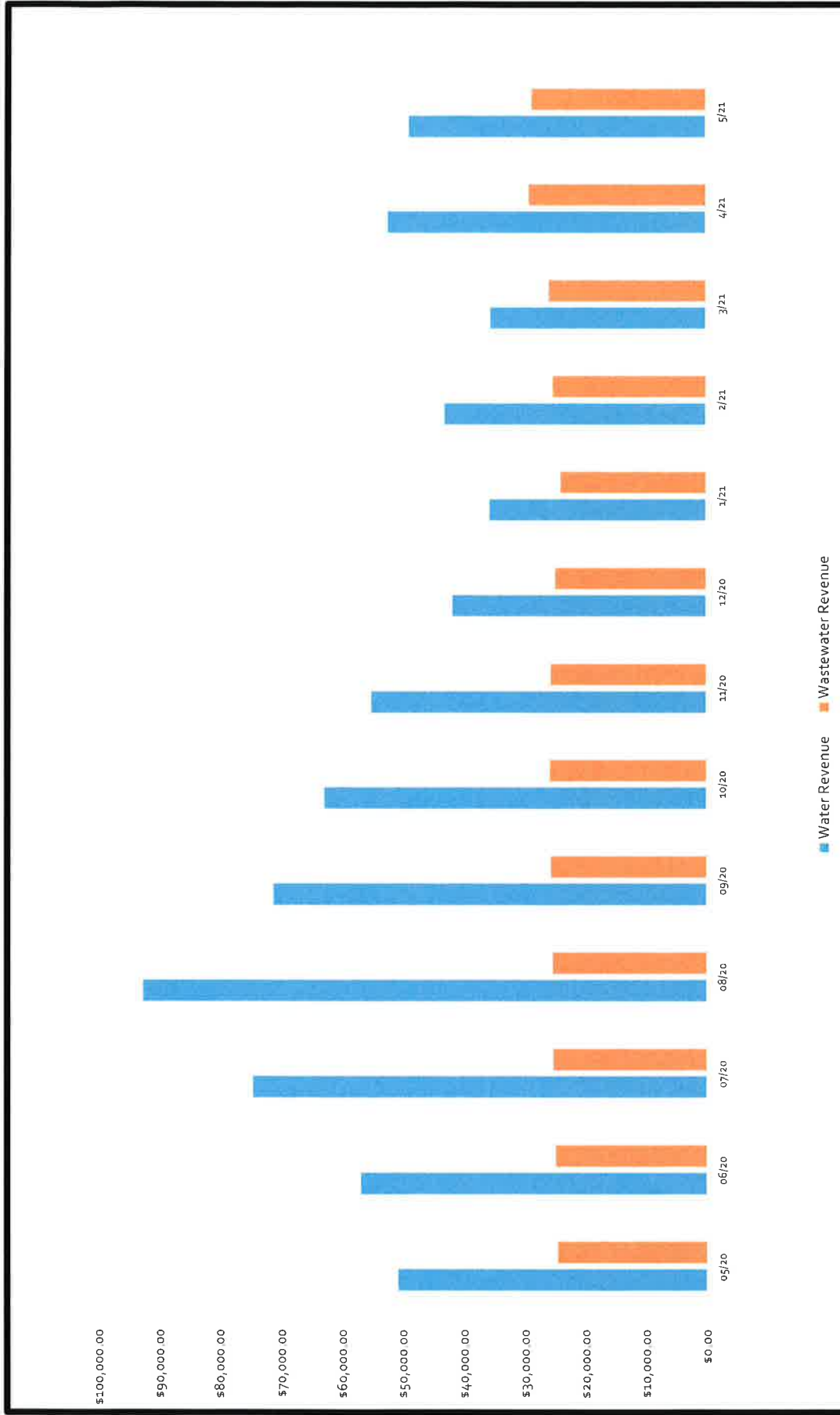
Amount	WO#	Amount	Description



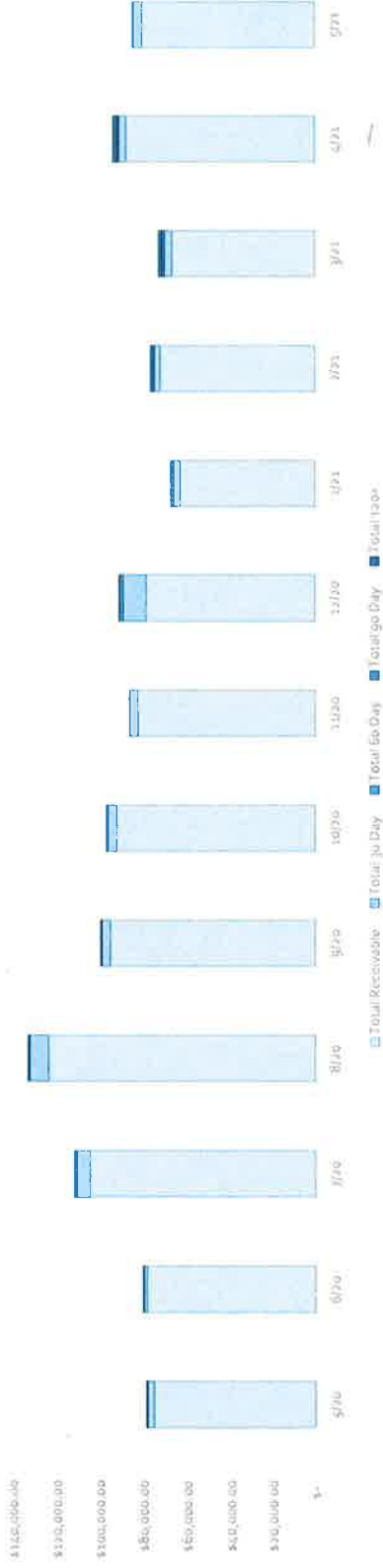
Billing Summary

Description	Connections		Variance
	May-20	May-21	
Residential	447	491	44
Commercial - HOA	9	14	
Hydrant	2	0	(2)
Tracking	1	1	-
Reclaimed	-	-	
Total Number of Accounts Billed	459	506	47
	Consumption		
Residential	6,570,000	6,306,000	(264,000)
Commercial - HOA	1,792,000	1,017,000	(775,000)
Hydrant	-	-	-
Tracking	718,000	-	(718,000)
Reclaimed	-	-	
Total Gallons Consumed	9,080,000	7,323,000	(1,757,000)
	Average Consumption		
Residential	14,698	12,843	(1,855)
Commercial - HOA	199,111	72,643	-
Hydrant	-	0	500
Tracking	718,000	-	(718,000)
Reclaimed	-	-	-
Avg Water Use for Accounts Billed	19,782.14	14,472.33	(5,310)
Total Billed	76,957	79,378	2,421
Total Aged Receivables	(1,839)	1,142	2,981
Total Receivables	75,118	80,520	5,402

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+
5/20	\$ 75,117.61	\$ 3,025.98	\$ 400.90	\$ -	\$ 150.00
6/20	\$ 78,405.65	\$ 1,297.87	\$ 320.35	\$ -	\$ 150.00
7/20	\$ 104,438.94	\$ 6,033.18	\$ 907.59	\$ 129.48	\$ 150.00
8/20	\$ 123,564.66	\$ 8,733.77	\$ 366.70	\$ 83.42	\$ 260.23
9/20	\$ 95,115.55	\$ 3,916.26	\$ 47.55	\$ -	\$ 343.65
10/20	\$ 92,013.46	\$ 4,019.90	\$ 742.29	\$ 2.25	\$ 150.00
11/20	\$ 82,439.31	\$ 3,512.35	\$ 38.02	\$ -	\$ 150.00
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	\$ -	\$ 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	\$ 72.97	\$ -	\$ 150.00
Board Consideration to Write Off	\$0.00				
Board Consideration Collections	\$0.00				
Delinquent Letter Mailed	11				
Delinquent Tags Hung	N/A				
Disconnects for Non Payment	N/A				



Water Production and Quality

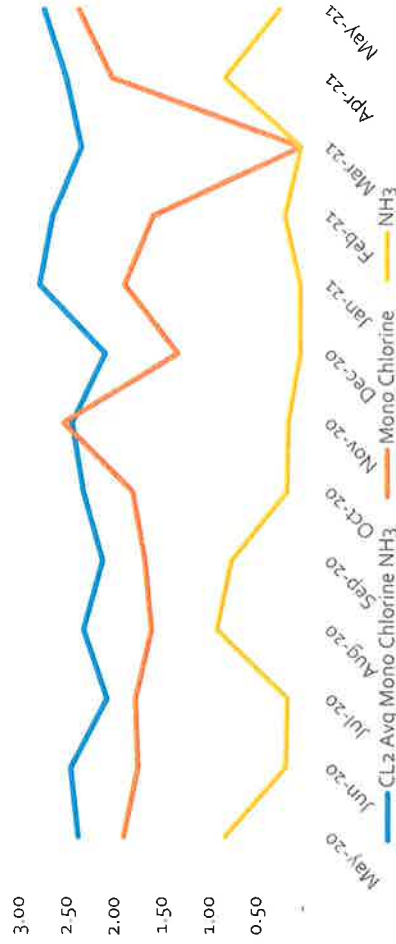
Water Quality Monitoring

2.38

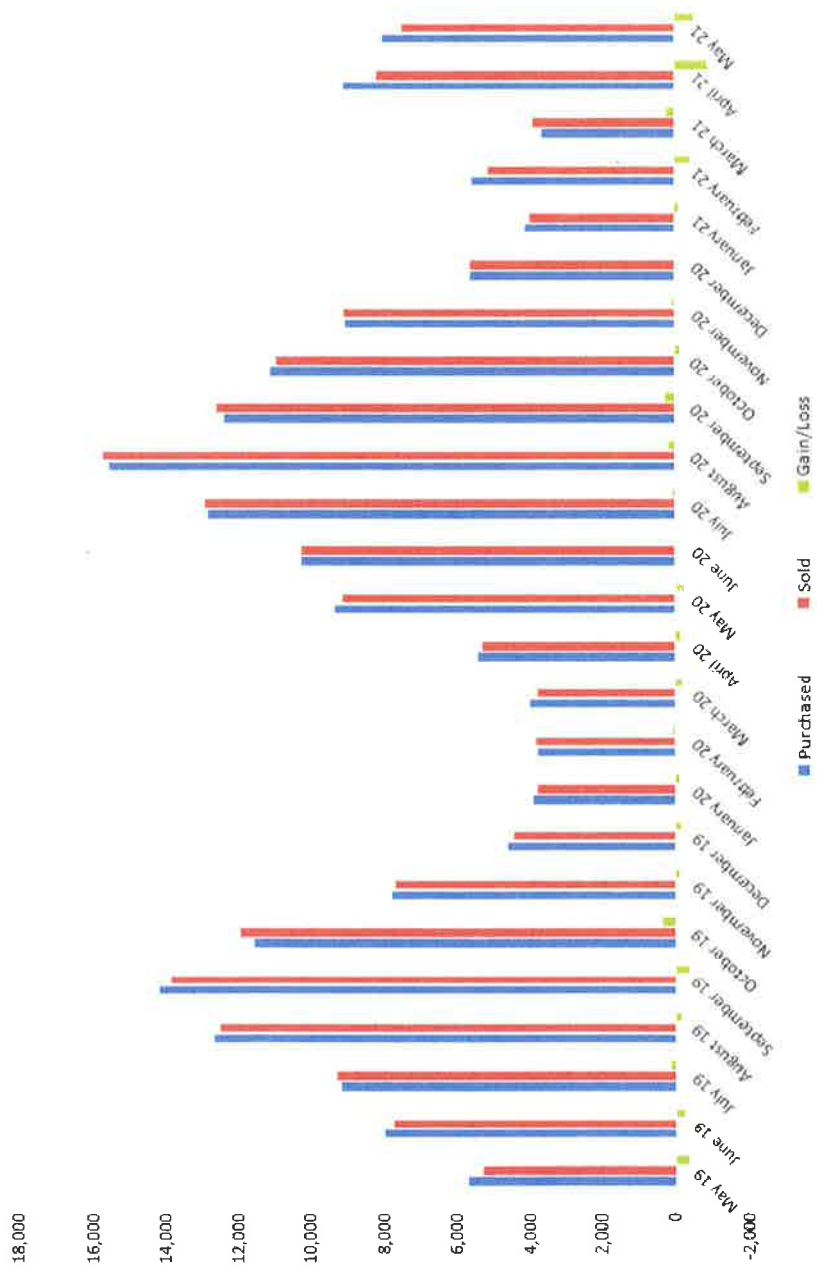
Current Annual Avg
 State Requirements Must Be Above .50

Date	CL2 Avg	Mono Chlorine	NH3
May-20	2.36	1.89	0.82
Jun-20	2.44	1.74	0.17
Jul-20	2.06	1.76	0.15
Aug-20	2.30	1.59	0.90
Sep-20	2.10	1.66	0.74
Oct-20	2.30	1.79	0.15
Nov-20	2.42	2.51	0.14
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

CL2 Avg-Mono Chlorine - NH3



Water Accountability Report

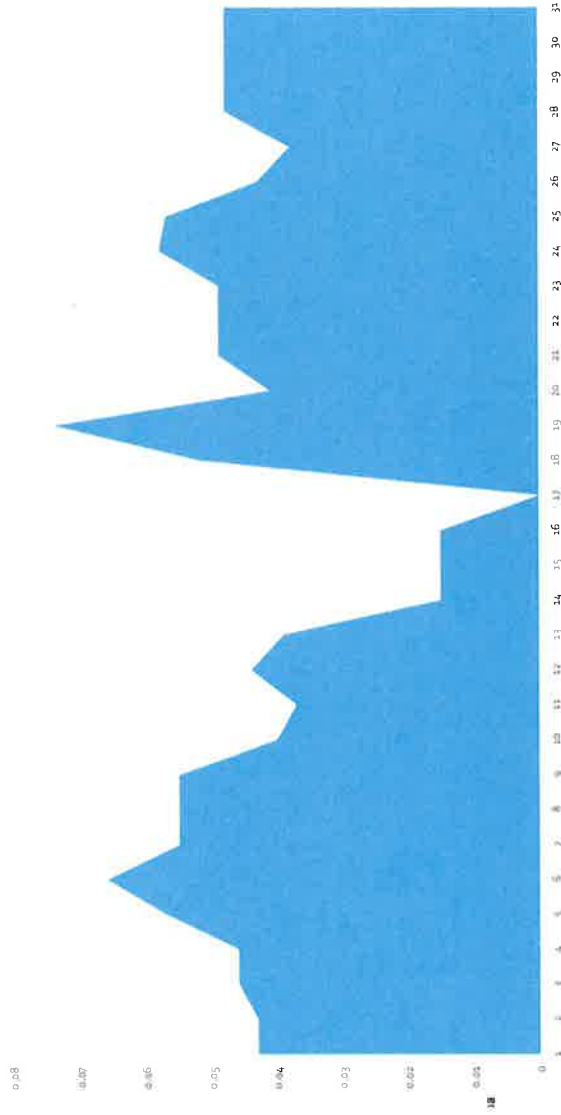


Month	Read Date	Number of Connections	Master Meters	Billed Use	Flushing /Other	Gal.s Loss (-)	% Loss	Accounted For
May 19	5/17/19	363	5,703	5,351	15	(337)	-5.91%	94.09%
June 19	6/17/19	371	8,009	7,756	13	(240)	-2.99%	97.01%
July 19	7/17/19	381	9,201	9,350	9	158	1.72%	101.72%
August 19	8/16/19	389	12,709	12,554	15	(140)	-1.10%	98.90%
September 19	9/17/19	399	14,217	13,856	0	(361)	-2.54%	97.46%
October 19	10/16/19	407	11,605	11,944	7	346	2.98%	102.98%
November 19	11/15/19	415	7,813	7,702	13	(98)	-1.25%	98.75%
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%



Wastewater Production and Quality

Wastewater Flows for the Month of May



For the Month of May

	PERMIT	ACTUAL	COMPLIANT	PERCENT
Flow WWTP (Avg.)	0.050 MGD	0.044 MGD	Yes	88.0%
BOD (Avg)	20 mg/L	25.8 mg/L	No	
TSS (Avg)	20 mg/L	28.5 mg/L	No	
Chlorine Residual (Min)	1.0 mg/L	1.2 mg/L	Yes	
PH (Min)	6.0 Std Units	7.45 Std Units	Yes	
PH (Max)	9.0 Std Units	7.45 Std Units	Yes	

For the Month of April

Flow WWTP (Avg.)	0.050 MGD	0.040 MGD	Yes	80.0%
BOD (Avg)	20 mg/L	47.3 mg/L	No	
TSS (Avg)	20 mg/L	37.7 mg/L	No	
Chlorine Residual (Min)	1.0 mg/L	1.1 mg/L	Yes	
PH (Min)	6.0 Std Units	6.84 Std Units	Yes	
PH (Max)	9.0 Std Units	7.50 Std Units	Yes	

Reunion Ranch WCID Wastewater Flow Historical

*Water Leak at Rec Center

	Connections	Total Flows	Average	Avg Flow Per Connection	WWTP Capacity %
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		6,905,000	45,800.00	91	92%
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:

WO#:	Location:	Work scheduled:
2275994	591B Katie Dr, DP 2-4	Investigate deep trench, remove vegetation
2396357	Mary Elise Way, DP 2-2	Clean silt & vegetation from inlet – holding water
2461680	Mary Elise Way, DP 2-2	Small Erosion issue, hole forming by Inlet
2461783	Jacksdaw Dr, DP 3-3	Erosion issue at embankment of Pond

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



**STORMWATER POND INSPECTION
DRAIN OUTLET**

DISTRICT: REUNION RANCH
 DATE: 05/10/21
 WO#: 2532956
 TECH.: TAMMY YBARRA

Pond Location	DENISE COVE DRAIN
Pond water level	N/A
Does the pond drain within 48 hours?	N/A
Sediment depth in the forbay?	N/A
Sediment depth in the sand filter area?	N/A
Trash found at site?	N/A
Is vegetation below 18" in height?	N/A
Trees or brush found in basin area?	N/A
Condition of the media?	GRASS IN BULLROCK & SEDIMENT BUILD UP IN FRONT
Condition of vegetation around the out fall pipe	N/A
Was sediment found in the under drain piping? Remove open clean out tops and check	N/A
Any damage to structural elements (pipes, concrete drainage, retaining walls, gabian walls, etc.)?	N/A
Discharge valve open operational	N/A
Emergency bypass valve closed and operational	N/A
Are all inlets in area clear of debris and sediment?	CLEAR

COMMENTS

CONSIDER REMOVING SILT IN FRONT OF DRAIN





STORMWATER POND INSPECTION

DISTRICT: REUNION RANCH
 DATE: 05/10/21
 WO#: 2532956
 TECH.: TAMMY YBARRA

Pond Location	JANE COVE DRAIN
Pond water level	N/A
Does the pond drain within 48 hours?	N/A
Sediment depth in the forbay?	N/A
Sediment depth in the sand filter area?	N/A
Trash found at site?	N/A
Is vegetation below 18" in height?	YES
Trees or brush found in basin area?	NO
Condition of the media?	GOOD
Condition of vegetation around the out fall pipe	N/A
Was sediment found in the under drain piping? Remove open clean out tops and check	N/A
Any damage to structural elements (pipes, concrete drainage, retaining walls, gabian walls, etc.)?	N/A
Discharge valve open operational	N/A
Emergency bypass valve closed and operational	N/A
Are all inlets in area clear of debris and sediment?	N/A

COMMENTS





**STORMWATER POND INSPECTION
WET PONDS**

DISTRICT: REUNION RANCH
 DATE: 05/10/21
 WO#: 2532956
 TECH.: TAMMY YBARRA

Pond Location	WQP 2-2
Pond water level?	WET POND
Inlets in good structural condition?	YES
Inlets clear of accumulated sediment or debris?	NO WO 2396357
Trash found at site?	NO
Sinkhole, cracks or seeps visible in the embankment?	YES
Erosion present at shoreline?	YES - SMALL SPOT WO 2461680
Erosion occurring around the inlets or outlet structures?	YES
Discharge valve open operational?	N/A
Condition of vegetation around the out fall pipe?	HEAVILY VEGETATED
Excessive algae blooms present?	NO
Invasive plants present?	NO
Trees or woody vegetation present on the dam or embankment?	NO
Sediment has accumulated and reduced the volume of the pond?	NO DATA
POND NEEDS MOWING/OUTFALL HEAVILY VEGETATED	
COMMENTS	INLET HAS SEDIMENT AND VEGETATION - WO 2396357 EROSION ISSUE, SMALL HOLE FORMING - WO 2461680





**STORMWATER POND INSPECTION
WET PONDS**

DISTRICT: REUNION RANCH
 DATE: 05/10/21
 WO#: 2532956
 TECH.: TAMMY YBARRA

Pond Location	WQP 2-3
Pond water level?	WET POND
Inlets in good structural condition?	YES
Inlets clear of accumulated sediment or debris?	YES
Trash found at site?	NO
Sinkhole, cracks or seeps visible in the embankment?	NO
Erosion present at shoreline?	NO
Erosion occurring around the inlets or outlet structures?	NO
Discharge valve open operational?	N/A
Condition of vegetation around the out fall pipe?	N/A
Excessive algae blooms present?	NO
Invasive plants present?	NO
Trees or woody vegetation present on the dam or embankment?	NO
Sediment has accumulated and reduced the volume of the pond?	NO DATA

COMMENTS





**STORMWATER POND INSPECTION
SAND FILTER SYSTEM**

DISTRICT: REUNION RANCH
 DATE: 05/10/21
 WO#: 2532956
 TECH.: TAMMY YBARRA

Pond Location	WQP 2-4
Pond water level	WET IN SPOTS
Does the pond drain within 48 hours?	YES
Sediment depth in the forbay?	3" - 4"
Sediment depth in the sand filter area?	3"
Trash found at site?	NO
Is vegetation below 18" in height?	YES
Trees or brush found in basin area?	NO
Condition of the media?	WET
Condition of vegetation around the out fall pipe	HEAVILY VEGETATED
Was sediment found in the under drain piping? Remove open clean out tops and check	NO
Any damage to structural elements (pipes, concrete drainage, retaining walls, gabian walls, etc.)?	NO
Trickle Channel or Splitter Box	HAS SEDIMENT IN SPOTS
Emergency bypass valve closed and operational	N/A
Are all inlets in area clear of debris and sediment?	NO

COMMENTS	
	INVESTIGATE VEGETATION AT DEEP TRENCH - WO 2275994



**STORMWATER POND INSPECTION
WET PONDS**

DISTRICT: REUNION RANCH
 DATE: 05/10/21
 WO#: 2532956
 TECH.: TAMMY YBARRA

Pond Location	WQP 3-1
Pond water level?	WET POND
Inlets in good structural condition?	YES
Inlets clear of accumulated sediment or debris?	YES
Trash found at site?	NO
Sinkhole, cracks or seeps visible in the embankment?	NO
Erosion present at shoreline?	NO
Erosion occurring around the inlets or outlet structures?	NO
Discharge valve open operational?	N/A
Condition of vegetation around the out fall pipe?	GOOD
Excessive algae blooms present?	NO
Invasive plants present?	NO
Trees or woody vegetation present on the dam or embankment?	NO
Sediment has accumulated and reduced the volume of the pond?	NO DATA
COMMENTS	POND NEEDS MOWING





**STORMWATER POND INSPECTION
WET PONDS**

DISTRICT: REUNION RANCH
 DATE: 5/10/21
 WO#: 2532956
 TECH.: TAMMY YBARRA

Pond Location	WQP 3-3
Pond water level?	WET POND
Inlets in good structural condition?	NO INLET
Inlets clear of accumulated sediment or debris?	NO INLET
Trash found at site?	NO
Sinkhole, cracks or seeps visible in the embankment?	YES
Erosion present at shoreline?	YES
Erosion occurring around the inlets or outlet structures?	NO INLET
Discharge valve open operational?	YES
Condition of vegetation around the out fall pipe ?	GOOD
Excessive algae blooms present?	NO
Invasive plants present?	NO
Trees or woody vegetation present on the dam or embankment?	NO DATA
Sediment has accumulated and reduced the volume of the pond?	NO DATA

COMMENTS

EROSION ON EMBANKMENT WO 2461783

BUILDER'S CONSTRUCTION VIOLATION REPORT

Date: 05.10.2021

PROJECT NAME: REUNION RANCH

Page # 1

BUILDER NAMES:

- D - David Weekly Homes
- DR - Drees
- BR - Brookfield
- H - Highland Homes
- MW - MHI/Wilshire
- SF - Scott Felder
- S - Sitterle
- TM - TrendmakerHomes
- MI - M/I Homes
- B - Buffington Homes
- T - Toll Brothers
- TMH - Taylor Morrison
- N - Nalle

BUILDER	ADDRESS	VIOLATION	PICTURE #	VIOLATION #	FINE AMT.
TMH	1045 JACKSDAW	RSF, OF, BRN	1	1	
TMH	1175 JACKSDAW	ECM	2	1	
TMH	LEFT OF 1343 JACKSDAW	ECM, YL	3	1	
TMH	1242 JACKSDAW	ECM, YL	4	1	
TMH	END OF KATIE	CS	5	1	
OWNER	471 KATIE	CS	6	1	

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
YL - yard loamed out, needs sod within 5 days

PBC - properly bed and cover; sewer/water lines, inspection/reinspection needed
RSF - repair silt fencing; replace, extend or needed
SIP - storm inlet protection; repair, replace, clean or needed
SCO - sewer cap off; repair/missing 4" or 6" adaptor plug
TCB - trash containment box; broken, over full, not contained or none.
OTHER - as described in report

