

## **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**

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**DATE:** April 13<sup>TH</sup>, 2022  
**TO:** BOARD OF DIRECTORS – REUNION RANCH WCID  
**FROM:** Andrea Wyatt, P.E.  
**RE:** Engineer’s Report – April 2022  
**CC:** Mike Moyer – Taylor Morrison  
Bill Flickinger – Willatt & Flickinger

**MEC File No.: 12002.110**

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### **Wastewater Flows and Projections**

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

### **WWTP Expansion**

Construction is complete, Engineer’s Recommendation of Acceptance is complete. Final record drawings are in progress.

### **Odor Control at WWTP**

The odor at the WWTP has been minimal since the new treatment system became operational. Odors will be evaluated during the summer to determine if the odor control unit at the influent lift station is sufficient. The dumpster holding the dewatered solids does not currently have a cover in place due to the container options available from the sludge hauling company. MEC is evaluating cost of conveyance to minimize odors.

## 210 Irrigation

The effluent sampling for turbidity has been started, and MEC is coordinating with Inframark to obtain the E. Coli samples.

**Table 1. Type I Quality Requirements**

| <b>Parameter</b> | <b>Limit</b> | <b>Limit Type</b>                       |
|------------------|--------------|---|
| Turbidity        | 3 NTUs       | 30-day average                          |
| BOD <sub>5</sub> | 5 mg/l       | 30-day average                          |
| <i>E. coli</i>   | 20/100 ml    | 30-day geometric mean (MPN or CFU)      |
| <i>E. coli</i>   | 75/100 ml    | maximum single grab sample (MPN or CFU) |

MEC is working on locating the existing effluent irrigation interconnection piping that will connect to the proposed skid. We are waiting on a confirmation of electrical components from the skid manufacturer before finalizing design.

### **Texas Senate Bill No. 3 – Emergency Preparedness Plan**

MEC submitted the EPP on February 22<sup>nd</sup>, 2022 to the TCEQ. MEC is still waiting on TCEQ to respond with comments, questions, or requests for information.

### **Wastewater System Emergency Response Plan**

MEC is conducting an internal review of the first draft of the emergency response plan (ERP) before submitting it to Inframark for review and edits. The next steps involve updates to the draft plan and collection/inventory of pertinent documents (record drawings, O/M manuals, SOPs, etc.).

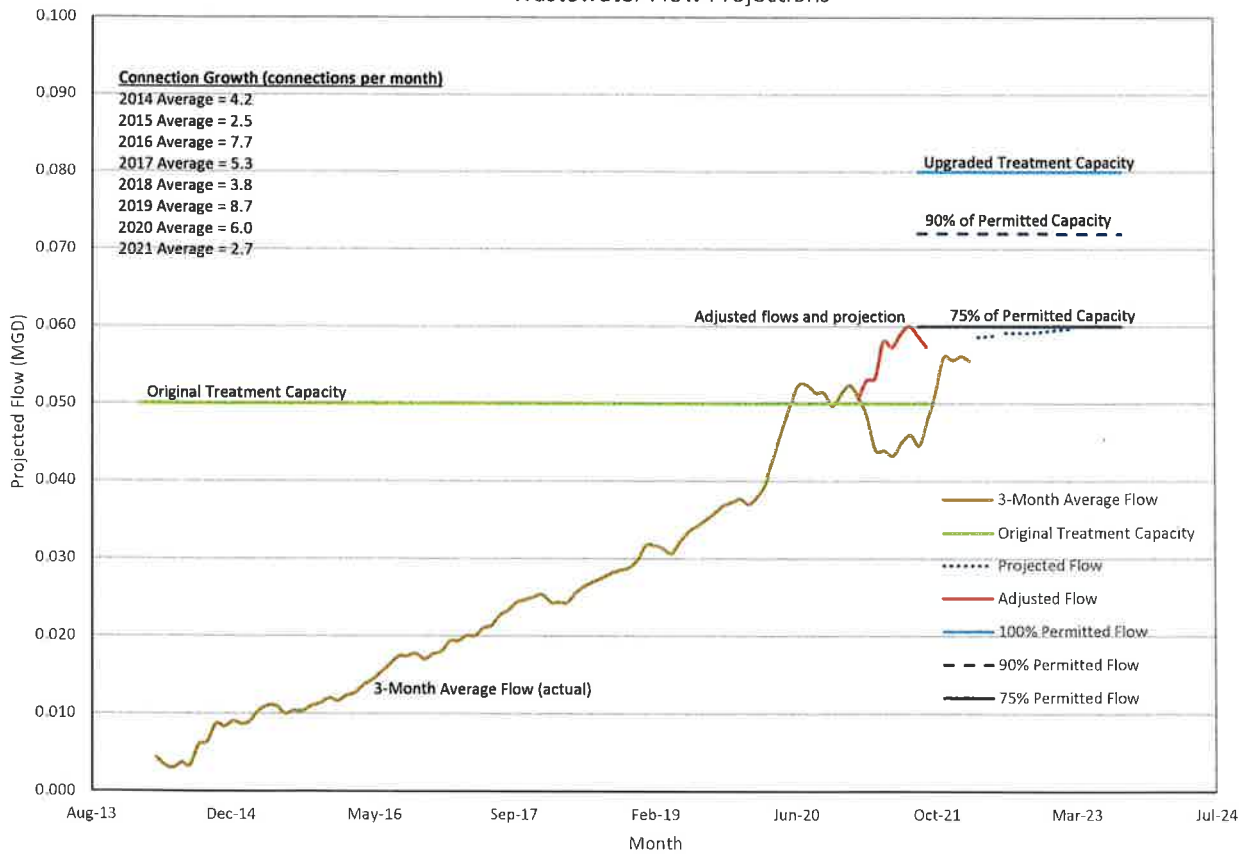
### **Capital Improvements/Maintenance for Fiscal Year 2022**

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

| Project                           | Description   | Original Budget | Actual Contract Cost | Cost to Date | Estimated Start | Estimated Completion | Additional Notes  |
|-----------------------------------|---|-----------------|----------------------|--------------|-----------------|----------------------|---|
| Mary Elise Pond Aerator           | Install a <del>solar-powered</del> pond aeration system at the pond off Mary Elise Way.   | \$10,000.00     | \$7,351.00           |              | May-22          | Jul-22               | Updated to solar power to save money on electrical costs.                                     |
| Mary Elise Pond Pedestrian Access | Install a better walking surface in the maintenance access easement, this would likely be done by bringing in smaller gravel to fill in the spaces around the rip rap down the center of the drive for a width of about 3'. | \$2,500.00      |                      |              | Mar-22          | May-22               | Cost information for this effort is forthcoming.  |
| 210 Irrigation Skid Installation  | Install a pump skid capable of providing effluent to the various irrigation areas in the District, including associated engineering efforts.  | \$130,000.00    |                      |              | May-22          | Sep-22               | LCRA grant was approved for \$100,000. Bid documents are forthcoming.                         |
| SADDS Skid Cover                  | Inframark's contractor to install a cover over the SADDS Skid to protect the equipment from weather.  | \$5,000.00      | \$8,435.00           |              | Feb-22          | May-22               | Cost presented at the February Board meeting. Cost increase due to materials cost increases.  |
| WWTP Odor Inspection              | Use 3rd party odor consultant to evaluate the odor at and around the WWTP during the peak odor season.  | \$10,000.00     |                      |              | Jul-22          | Aug-22               | We will bring a new quote to the May Board meeting. Should we request scheduling flexibility? |
| Wet Ponds Solids Assessment       | Aquatic Features will evaluate the volume of solids in the wet ponds and make a recommendation about solids removal.  | \$2,100.00      | \$1,200.00           |              | Jul-22          | Aug-22               |   |

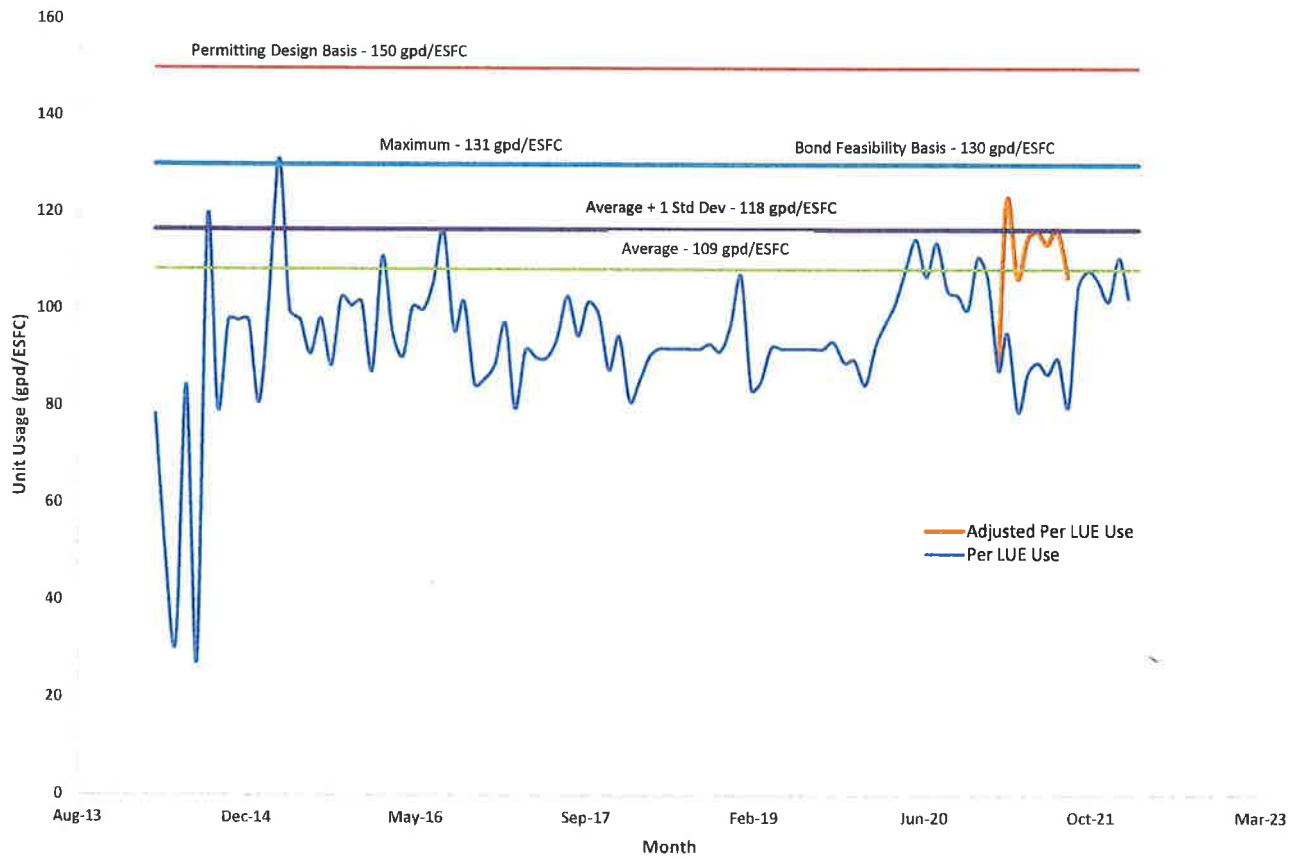
Murfee Engineering Company, Inc.  
 Texas Registered Firm No. F-353  
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### Reunion Ranch WCID Wastewater Flow Projections



Murfee Engineering Company, Inc.  
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### Reunion Ranch WCID WWTP Unit Usage Analysis





August 9, 2021

Murfee Engineering Company, Inc.  
1101 S. Capital of Texas Hwy, Bldg. D  
Austin, Texas 78746

*Delivered via e-mail to: [awyatt@murfee.com](mailto:awyatt@murfee.com)*

**Attention:** Ms. Andrea Wyatt – Project Manager

**Regarding: Odor Evaluation**  
Reunion Ranch Wastewater Treatment Plant (WWTP)  
108 Jayne Cove, Austin, 78737 (Site)  
**Baer Engineering Document No. TBD-5.010**

Dear Ms. Wyatt:

Baer Engineering and Environmental Consulting, Inc. (Baer Engineering) is pleased to submit this proposal to Murfee Engineering to provide odor evaluation services for the above-referenced facility. The following sections provide project information, the proposed scope of services, scheduling, and fee information. This proposal is based on information provided by you and on our experience with similar projects.

#### **PROJECT INFORMATION**

Ms. Andrea Wyatt of Murfee Engineering Company contacted Baer Engineering on July 20, 2021. Ms. Wyatt requested a proposal from Baer Engineering to perform an evaluation of odors after the completion of substantial improvements to the Reunion Ranch WWTP. The installation of permanent odor control equipment is one of the improvements.

The purpose of the odor evaluation is to assess the odors produced by the WWTP once the improved treatment system is operational. The existing plant has received many odor complaints over the past several years. Reunion Ranch Water Control and Improvement district (WCID) would like to document the odor controls, installed as part of the WWTP expansion, are functioning sufficiently. The WCID is documenting the odors not only for-the-record but also to establish a baseline in the event there is an increase in odor complaints in the future.

Odor evaluation is requested at two discrete locations, as follows:

- the Reunion Ranch WWTP, and
- the nearby parking lot at the Reunion Ranch Amenities Center.

An engineer from Murfee Engineering or a WWTP operator will be present to ensure free and unfettered access to both locations for Baer Engineering's field personnel.

The project owner is Reunion Ranch WCID, in care of Willatt & Flickinger, PLLC. The project engineer is Andrea Wyatt, P.E. of Murfee Engineering Company. Baer Engineering's client for this project is Murfee Engineering.

**SCOPE OF SERVICES**

Baer Engineering proposes the following tasks in order to complete this project:

- Perform odor strength measurements at two locations using a field olfactometer.
- Document weather conditions during the evaluation using a weather tracker.
- Prepare a report to document the odor strength monitoring activities and results.

Odor strength in ambient air is measured by mixing odorous ambient air with odor-free, carbon-filtered air in discrete volume ratios (i.e., dilution to threshold ratios (D/T ratios)). This quantifies the dilution required to reduce odor strength below the detection threshold. Weather conditions at the time of measurement can affect the measured odor strength. The weather conditions will be documented at the time of the evaluation. Three measurements will be collected at each testing location.

At the conclusion of the monitoring, Baer Engineering will prepare a report to document the monitoring activities and results. The general format of the report will present background information, purpose and scope, procedures, findings, and recommendations. The report will include the following:

- Location, date, and time the odor strength was measured;
- D/T ratio;
- Weather conditions at the time the measurement was taken;
- Copies of the equipment data logs; and
- Photographic documentation of relevant observations.

**FEE INFORMATION**

Baer Engineering will invoice the above-proposed services on a lump sum basis, in accordance with the attached Professional Services Contract. We recommend establishing the following budget:

|   |                   |
|---|-------------------|
| <b>Professional Services</b>            |                   |
| Includes:                               |                   |
| ✓ Project management                    |                   |
| ✓ Administrative assistance             |                   |
| ✓ Mob/Demob                             |                   |
| ✓ Field testing                         |                   |
| ✓ Data analysis and reduction           |                   |
| ✓ Report preparation                    |                   |
| ✓ Internal QC reviews (peer and senior) |                   |
| <b>Subtotal – Professional Fees</b>     | <b>\$5,208.09</b> |
| <b>Direct Expenses</b>                  |                   |
| Includes:                               |                   |
| ✓ Equipment charges                     |                   |
| ✓ Sampling supplies                     |                   |
| ✓ Shipping and handling                 |                   |
| <b>Subtotal – Expenses</b>              | <b>\$1,795.00</b> |
| <b>Project Total</b>                    | <b>\$7,003.09</b> |

The above table represents an estimated budget based on the information available at the time this proposal was prepared. Actual charges may vary if conditions change, but we will not exceed the proposed Project Total without your prior written consent.

#### **SCHEDULE AND AUTHORIZATION INFORMATION**

The evaluation is planned for late August or early September. The actual date will depend on the completion of the construction project. If possible, the evaluation will be performed in the evening on a hot and relatively dry weather day.

Baer Engineering will begin work upon receipt of a written authorization to proceed. If this scope of services and fee proposal meet with your approval, then please sign the attached contract to authorize us to proceed. We will pre-order the required equipment and supplies so that it is available when the evaluation is scheduled.

Our reports will be prepared on behalf of, and for the exclusive use of, Murfee Engineering and its client, Reunion Ranch WCID, and its agents. Baer Engineering accepts no liability for use of our instruments of service or work product by anyone else.

#### **QUALIFICATIONS AND LIMITATIONS**

The proposed services will be provided in accordance with the attached contract and as follows:

- Baer Engineering will provide the services under this agreement in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.
- Baer Engineering will take the proposed measurements within the work area using industry-accepted procedures.
- Environmental measurements can vary from day to day. Ambient air sampling represents a snapshot of conditions at the time sampling is conducted; therefore, measurements are considered to be a reasonable assessment of conditions within the work area during the date and time our services are conducted.



Thank you for the opportunity to propose our industrial hygiene services on this project. If you have questions about this proposal, then please call me at 512-453-3733 or contact me at [vsteeghs@baereng.com](mailto:vsteeghs@baereng.com).

Respectfully submitted,  
**BAER ENGINEERING AND ENVIRONMENTAL CONSULTING, INC.**

A handwritten signature in blue ink, appearing to read "Victor Steeghs", is written over a horizontal line.

Victor Steeghs  
Manager – Industrial Hygiene Service Line





1. **THE AGREEMENT.** This agreement is made by and between Baer Engineering & Environmental Consulting, Inc., (hereafter Baer Engineering or Baer) and **Murfee Engineering Company** (hereinafter referred to as "Client"). The agreement between the parties consists of this Agreement together with any attachments and exhibits mentioned herein. Together, these documents will constitute the entire agreement superseding any and all prior dealings and understandings. Any modifications of this Agreement must be mutually agreed to in writing.
2. **PROJECTS.** Client engages Baer Engineering to perform professional engineering and environmental consulting services for a variety of projects to be determined by Client during the term of this Agreement.
3. **SCOPE OF SERVICES.** A detailed "Scope of Services" document, with a cost estimate, is presented in a written proposal accompanying this agreement herein after referred to as Exhibit A. Changes to the Scope of Services must be mutually agreed to in writing. Services not set forth in a Scope of Services document are excluded from the scope of Baer's services and Baer shall have no responsibility to perform them. If, however, Client agrees to compensate Baer Engineering for services that are outside the Scope of Services, and Baer agrees to perform them, then such compensation is to be made based on Baer Engineering's prevailing fee schedule and expense reimbursement policy, as detailed in Exhibit A.
4. **DEFINITIONS.** As used throughout this Agreement, certain terms should be understood to have the following meanings:
  - A) "Claim" - shall mean claims that are legally enforceable and includes liabilities for all manner of losses, injuries, costs, expenses, and interest.
  - B) "Construction" - shall mean not only construction, but also includes demolition and abatement.
  - C) "Instruments of Service" - shall include what are commonly called "the Contract Documents," as well as any other reports, plans, specifications, and computer files prepared by Baer Engineering pursuant to its performance under this Agreement.
  - D) "Law" - shall mean any type of law, including statutes, regulations, ordinances, codes, rules, case law, court orders, or administrative agency orders.
  - E) "Negligent" or "Negligence" - Except where explicitly otherwise stated, in addition to its common law definition, for the purposes of brevity the term "negligence" is meant to also include intentional misconduct of Baer employees to the extent their acts are within the scope of their employment.
5. **COMPENSATION.** Client agrees to compensate Baer Engineering timely in the amounts and at the rates set forth in Exhibit A.
6. **STANDARD OF CARE.** Baer Engineering will strive to perform the services under this Agreement in a manner consistent with the level of care and skill ordinarily exercised by members of the profession practicing contemporaneously under similar conditions in the locality of the project. Under no circumstances is any warranty or guarantee, express or implied, made in connection with the providing of these services. Client recognizes that site or building structure conditions may vary from those observed at locations where samples are collected, and that site conditions may change with time. Data, interpretations, and recommendations by Baer Engineering will be based solely on information available to Baer Engineering. Baer Engineering is responsible for its data, interpretations, and recommendations, but will not be responsible for other parties' interpretations or use of the information developed, or for the accuracy of information provided by others.
7. **INSURANCE.** Baer Engineering represents that it maintains the following insurance coverage:

**Type/Limits**  
Worker's Compensation and Employers' Liability /Statutory  
General Liability /\$1,000,000 per occurrence/\$1,000,000 aggregate  
Automobile Liability /\$1,000,000 per person/\$1,000,000 per occurrence  
Professional Liability /\$1,000,000 claims made/\$1,000,000 aggregate

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If Client desires additional insurance coverage, Baer Engineering will obtain said coverage (if procurable) at Client's expense, to protect Baer Engineering and Client, upon written notice to Baer specifying the types and amounts of coverage(s) desired.

8. **LIMITATION OF LIABILITY.** Baer is not an insurer, and will not accept a liability that is out of proportion to the income generated by a particular project. THEREFORE, AS A FUNDAMENTAL TERM OF THIS CONTRACT, CLIENT AGREES THAT BAER ENGINEERING'S LIABILITY, (and that of its officers, directors, employees, agents, and subcontractors) TO CLIENT OR ANY THIRD PARTY DUE TO NEGLIGENT PROFESSIONAL ACTS, ERRORS, OR OMISSIONS OR FOR MATERIAL BREACH OF THIS CONTRACT SHALL BE LIMITED TO AN AGGREGATE OF \$50,000.00 OR THE TOTAL AMOUNT OF BAER'S CHARGES AND FEES, WHICHEVER IS GREATER. IF CLIENT PREFERS TO HAVE HIGHER LIMITS OF LIABILITY, BAER AGREES TO INCREASE THE AGGREGATE LIMIT, UP TO A MAXIMUM OF \$1,000,000.00, UPON CLIENT'S WRITTEN REQUEST AT THE TIME OF ACCEPTANCE OF BAER'S PROPOSAL, PROVIDED THAT CLIENT PAYS AN ADDITIONAL CONSIDERATION OF TWENTY PERCENT (20%) OF BAER'S TOTAL CHARGES AND FEES, OR \$2,000.00, WHICHEVER IS GREATER. IT IS AGREED AND UNDERSTOOD THAT THE ADDITIONAL CHARGE FOR THE HIGHER LIABILITY LIMIT IS BECAUSE OF THE GREATER RISK ASSUMED BY BAER AND IS NOT A CHARGE FOR ADDITIONAL LIABILITY INSURANCE. This limitation shall not apply to the extent that may be prohibited by law.
9. **INDEMNIFICATION.** When an indemnity is provided for in this Agreement, such indemnity shall extend not only to actual and punitive damages for the claim itself, but also the costs of defense (e.g., attorney fees and court costs) and similar costs incurred in enforcing the indemnity.
- A) Baer Engineering's Indemnities
- i. **Acts of Baer.** Baer Engineering agrees to indemnify and hold Client harmless from and against claims arising directly from the negligent acts and omissions of Baer Engineering in its performance of its contractual obligations, but only to the extent that Baer Engineering is responsible on a comparative basis of fault and responsibility. Such indemnification and liability shall not extend to consequential damages (e.g., loss of use or profits). Nor shall Baer Engineering indemnify Client for damages caused by Client's own negligence, nor for punitive or exemplary damages unless they are assessed against Baer Engineering for an act or omission committed by Baer Engineering.
  - ii. **Acts of Subconsultants.** Baer Engineering agrees to indemnify and hold Client harmless from and against claims arising directly from negligent acts and omissions of subconsultants hired by Baer to render professional services under this Agreement; however, Baer will not indemnify for their intentional misconduct.
- B) Client's Indemnities
- i. **Acts of Client & Client's Agents.** Client shall defend, indemnify, and hold harmless Baer Engineering and its directors, officers, shareholders, employees, and agents from and against any and all claims which result from or arise out of:
    - (1) acts or omissions of Client, Client's employees, agents, and subcontractors and their employees or agents;
    - (2) changes to Baer Engineering's plans, specifications or other Instruments of Service authorized or allowed by Client, but not approved by Baer in writing.
    - (3) the release of any hazardous substance not caused by Baer; or
    - (4) generation, treatment, or transportation of waste materials not performed by Baer.
  - ii. **Early Termination.** If Baer Engineering for any reason does not complete all of the services contemplated by this Agreement, it is agreed that Baer will not be responsible for the accuracy, completeness, or workability of the Instruments of Service that were completed or changed by Client or another party.

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Client therefore agrees to indemnify Baer Engineering from any claim allegedly arising from use of, completion of, or changes made to, the Instruments of Service.

- iii **Exception.** None of Client's indemnities shall apply to a claim that is solely the result of Baer Engineering's negligent act or omission.

10. **WAIVER OF CONSEQUENTIAL DAMAGES.** Neither Baer Engineering nor Client, their respective officers, directors, partners, employees, contractors or subconsultants shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the Project or to this Agreement. This mutual waiver includes, but is not limited to, loss of use or rent, loss of profit, loss of business, loss of income, loss of reputation or any other consequential damages that either party may have incurred for any reason.
11. **NO WARRANTIES.** Both parties agree that no warranties are intended to be made in this Agreement, either expressed or implied. Baer Engineering shall not be required to execute any documents, no matter by whom requested, that would, in Baer's sole opinion, increase Baer's contractual or legal obligations, risks, or the cost of its professional liability insurance. This includes requests to Baer to certify, guarantee, or warrant the existence or absence of conditions that Baer is not able to ascertain. Client agrees not to make resolution of any dispute or payment of any amount due to Baer in any way contingent upon Baer's executing any additional agreement or certification.
12. **CONFIDENTIALITIES**
  - A) Baer Engineering shall hold confidential all business or technical information specifically designated as such by Client in writing and obtained from the Client or its affiliates or generated in the performance of this Agreement. If such information is in hardcopy form, Client must stamp it with the word "Confidential." Baer Engineering shall not disclose such information without Client's consent except to the extent required for (i) the performance of this Agreement, (ii) compliance with professional standards of conduct for preservation of public safety, health, and welfare, (iii) compliance with any court order or other governmental directive, and/or (iv) protection of Baer Engineering against claims or liabilities arising from performance of this Agreement. Consultant's obligations hereunder shall not apply to information in the public domain or lawfully acquired on a non-confidential basis from others.
  - B) Notwithstanding the foregoing, it is agreed that Baer Engineering shall, promptly upon notice of the necessity of disclosure of information pursuant to (A)(i) through (A)(iv) above, notify the Client prior to any such disclosure. The Client may contest the requirement for or necessity of any such disclosure provided that such contest shall not subject Baer Engineering to any legal liability, claim, expense, criminal penalty, or prosecution for a crime.
  - C) If Client requests Baer Engineering to report on the past or current qualifications and/or performance of others engaged or being considered for engagement directly or indirectly by the Client, and to render opinions and advice in that regard, then those about whom reports and opinions are rendered may as a consequence initiate claims of libel or slander against Baer. To help create an atmosphere in which Baer can freely and candidly communicate to Client, Client agrees, to the fullest extent permitted by law, to keep the existence and contents of such communications confidential. Should Client, for any reason, disclose such information, then Client will indemnify Baer for any claims that may arise based on the opinions and reports rendered by Baer Engineering to Client.
13. **SITE ACCESS AND CONDITIONS.** If site access is required as part of the services, Client shall indicate to Baer Engineering any limits to access and shall be responsible for the accuracy of such information.
  - A) Client shall grant free access to the site for all necessary equipment and personnel. Client shall notify any and all possessors of the project site, whether they be lawfully or unlawfully in possession, that Client has

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granted to Baer Engineering free access to the project site and Client shall secure permission (and any permits) necessary to allow Baer Engineering free access to the project site at no charge to Baer Engineering.

- B) Client understands that material sampling and the use of testing equipment, if necessary, may cause some minor property damage at the sampling or test locations and agrees that the correction of such damage is not a responsibility of Baer Engineering unless specifically included in the written scope of services.
- C) Client will make available to Baer Engineering all information regarding existing and proposed conditions at the site. The information shall include, but not be limited to, architectural and/or engineering drawings of the project, building construction materials specifications, field or laboratory tests, and written reports. Client will immediately transmit to Baer Engineering any new information that becomes available or any change in plans.

**14. BILLING AND PAYMENT.**

- A) Fees and all other charges will be billed monthly as the services progress, and the net amount shall be due 30 days after the time of billing. If Client objects to all or any portion of any invoice, Client will notify Baer Engineering in writing within fourteen (14) calendar days of the invoice date, state the reason(s) for disagreement, and pay when due that portion of the invoice that is not in dispute. The parties will immediately make every effort to settle the disputed portion of the invoice. In the absence of written notification described above, Client agrees to pay the balance due as shown on the invoice.
- B) Invoices are delinquent if payment has not been received within thirty (30) days from date of invoice. Client will pay an additional charge of 1.5 percent (1.5%) per month (or the maximum percentage allowed by law, whichever is lower) on any delinquent amount, excepting any portion of the invoiced amount in dispute and resolved in favor of Client. Payment thereafter will first be applied to accrued interest and then to the principal unpaid amount. All time spent and expenses incurred (including attorneys fees) in connection with collection of any delinquent amount will be paid by Client to Baer Engineering per Baer Engineering's then prevailing fee schedule and expense reimbursement policy. In the event Client fails to pay Baer Engineering within sixty (60) days after invoices are sent, Client agrees that Baer Engineering will have the right to consider failure to pay the Baer Engineering invoice as a breach of this Agreement, and stop work on the project. The parties agree that any failure of Baer Engineering to aggressively pursue remedies for such a breach, shall not be considered to be a waiver of its rights to pursue its remedies for the breach at a later time, or considered as a waiver of its right to expect timely payment of subsequent invoices.

**15. RISK ALLOCATION.** Client acknowledges and accepts the risk that:

- A) Site conditions such as remodeling of structures, substitutions of construction building materials, and other conditions can vary from those encountered at the times and locations where data on them were obtained, and that this limitation on the available data can cause uncertainty with respect to the interpretation of conditions at Client's site;
- B) Governmental regulations relating to the environment, hazardous substances, asbestos, or other waste may change with time and may purport to require achievement of results which cannot be accomplished in an absolute sense (e.g., the construction of and entirely impermeable containment). Baer Engineering agrees to use reasonable professional efforts to comply with all laws applicable to its work that are in effect as of the date of this Agreement;
- C) Projects such as those involving abatement of asbestos and lead, may not perform as anticipated by Client, even if Baer Engineering's services are performed in accordance with Paragraph 6

**16. LATENT HAZARDS.** Discovery of Unanticipated Hazardous or Toxic Materials.

- A) Hazardous or toxic materials may exist at the site or on portions of the site where there is no reason to believe they could or should be present. In regard to them:

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- i. Baer Engineering and Client agree that the discovery of such materials where they are not anticipated constitutes a changed condition mandating a re-negotiation of the Scope of Services or termination of services. Baer Engineering and Client also agree that the discovery of unanticipated hazardous or toxic materials may make it necessary for Baer Engineering to take immediate measures to protect human health and safety and/or the environment. Client agrees to compensate Baer Engineering for any equipment decontamination or other costs incident to the discovery of unanticipated hazardous or toxic materials.
  - ii. Baer Engineering agrees to notify Client when unanticipated hazardous or toxic materials or suspected hazardous or toxic materials are encountered. Client agrees to consult legal counsel of its own choosing to determine Client's duty to make disclosures required by law to appropriate governing agencies. Client also agrees to hold Baer Engineering harmless for any and all consequences of disclosures made by Baer Engineering that are required by law. If Client fails to disclose information to appropriate authorities, Client agrees to hold Baer Engineering harmless for any and all consequences of non-disclosure.
  - iii. In the event Client does not own the project site, Client recognizes that it is Client's responsibility to inform the property owner of the discovery of unanticipated hazardous or toxic materials or suspected hazardous or toxic materials.

**17. OWNERSHIP AND DISPOSAL OF CONTAMINATED MATERIALS AND EQUIPMENT.**

- A) Any hazardous waste, substances, or materials shall at all times be and remain Client's property. It is not part of Baer's duties under this Contract to arrange for the disposal, treatment, or transport of hazardous waste materials. Baer will provide to Client the Texas Commission on Environmental Quality (TCEQ's) list of approved disposal contractors, and assist Client in calculating the cost of disposal with any disposal contractor(s) chosen by Client. Client understands that it has the sole responsibility to make all decisions regarding the proper manner and means of waste disposal, and agrees to secure the advice of legal counsel of Client's choice in making its decisions.
- B) Samples will be disposed of at Client's cost in a proper manner according to applicable laws governing the handling, transport, and disposal of such sampled materials sixty (60) days after submission of a report covering those samples. At all times, any and all right title, and responsibility for samples shall remain with Client; under no circumstances shall this Agreement be construed or interpreted to create any right title, interest, or responsibility for such samples by Baer Engineering. At Client's direction, samples will be returned to Client for final disposition. Further storage or transfer of samples can be made at Client's expense upon Client's prior written request.
- C) All laboratory and field equipment contaminated in performing the work and which cannot be reasonably decontaminated shall become the property and responsibility of Client, unless equipment is contaminated because of Baer Engineering's failure to use reasonable care. All such equipment shall be delivered to Client or disposed of in a manner similar to that indicated for hazardous samples. Client agrees to pay the fair market value of any such equipment which cannot be reasonably decontaminated.

**18. DATA PROVIDED BY CLIENT OR OTHERS.** It is agreed that Baer Engineering will not be held responsible for the quality or accuracy of data, nor the acquisition or sampling programs or methods from which the data were developed, where such data is provided by or through Client or third parties to Baer Engineering and upon which Client desires Baer Engineering to rely, in whole or in part. Such data includes, but is not limited to, architectural and/or engineering drawings of the project, building construction materials specifications, reports, calculations, designs, drawings, surveys, maps, etc. If Client has provided the information, then Client agrees to assume responsibility for any liability that may result if the information is not correct.

**19. CONTINUITY.** Client acknowledges that it is customary for Baer Engineering to be responsible for preparing and furnishing drawings, specifications, and other documents that are to be utilized during the bidding, construction,

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and/or field work phases of a remediation Project: (i) to interpret, clarify, and modify the same as circumstances may dictate; (ii) to adjust the same to accommodate substitution of materials and equipment as proposed by bidders and contractor(s); (iii) to conform same with approvals of shop drawings and sample submittals; and (iv) to correct for inconsistencies or irregularities in the documents. Therefore:

- A) If Baer Engineering is not retained to provide such services during the bidding, construction, and/or field work phases of Client's Project, Baer Engineering will not be responsible for claims arising out of any interpretation, clarification, substitution acceptance, shop drawing, sample approval, or modification of construction documents. Baer shall have no responsibility for any portion of any project designed by Client's other consultants, nor shall Baer be required to check or verify other consultants' construction documents; instead, Baer shall be entitled to rely upon the accuracy and completeness thereof, as well as the fact that the documents comply with applicable law.
- B) If Baer Engineering is to be employed to provide such services, then Client warrants that it will cause the General Contractor to review any requests for information (RFIs) submitted by subcontractors prior to submission of them to Baer Engineering to ensure that such RFIs are not already clearly and unambiguously answered in the Contract Documents. It is understood that Baer Engineering will charge for time spent reviewing RFIs that are already clearly answered in the Contract Documents in accordance with its rates in Exhibit A.

**20. CONSTRUCTION OBSERVATION.**

- A) The purpose of Baer Engineering's presence at the site(s) is to enable Baer to provide for Client a greater degree of assurance that the completed work of contractor(s) does in fact generally conform to the contract documents. On the other hand, it is understood that, during such visits or as a result of such field observations, monitoring, and/or testing of contractor(s)' work-in-progress, Baer will not have authority to supervise, direct, or control contractor(s)' work. Baer is there only to report to Client what Baer believes is compliance or non-compliance with the contract documents. Thus, it is agreed that Baer Engineering shall have no responsibility for the means, methods, techniques, sequences, or procedures selected by the contractor(s), for the safety precautions and programs chosen by the contractor(s) or for any failure of the contractor(s) to comply with any laws applicable to the work being performed by the contractor(s).
- B) It is understood and agreed that if Baer Engineering's basic services under this Agreement do NOT include project observation or review of Contractors' performance or any other construction phase services, that such services will be provided by Client or others hired by Client. Client therefore assumes responsibility for interpretation of the Contract Documents and for construction observation and supervision and waives any claims against Baer Engineering that may be in any way connected thereto. Furthermore, Client agrees to indemnify Baer Engineering from any claim arising or resulting from the performance of such services by others and from claims arising from modifications, clarifications, interpretations, adjustments, or changes to the Contract Documents. If Client requests in writing that Baer Engineering provide any specific construction phase services, a mutually agreeable contract must be reached by Client and Baer.

**21. SAFETY.** Any construction review of contractor(s)' performance conducted by Baer Engineering is not intended to include review of the adequacy of the contractor(s)' safety measures in, on, or near the construction site. Client understands the contractor is solely responsible for working conditions at the job site, including the safety of all persons and property.

**22. OPINIONS OF COST.** Since Baer Engineering has no control over the cost of labor, materials, equipment, or services furnished by others, or over a contractor's methods of determining prices, or over competitive bidding or market conditions, Baer's estimate of the probable construction, operations, and maintenance costs are nothing more than opinions based upon Baer Engineering's judgment as an experienced and qualified professional engineer and/or consultant familiar with the construction industry. But Baer Engineering cannot

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and will not guarantee that actual costs will not vary from estimates of probable cost prepared by Baer. If prior to the bidding or negotiation phase Client wishes greater assurance as to costs, Client shall employ an independent cost estimator.

**23. DOCUMENTS.**

- A) Instruments of Service shall remain the property of Baer Engineering. Baer shall retain all common law, statutory, and other reserved rights, including the copyright thereto. Client may use such documents only in connection with the particular project for which such documents were prepared.
- B) Instruments of Service shall become the property of Client only if specifically stated in Exhibit A. However, use by others or use for any other purpose or project, without written verification or adaptation by Baer Engineering, will be at the Client's or other's sole risk and liability. Client shall indemnify and hold Baer Engineering harmless from all claims arising out of use of Baer's documents on other projects or by third parties.
- C) Baer Engineering agrees to maintain all Instruments of Service as is or on microfilm, except for samples and specimens, for a minimum period of two years after completion of its services. When the Instruments of Service shall become the property of the Client, the Client shall specify in writing to the President of Baer Engineering if it desires to acquire possession of the Instruments of Service at any time before the end of the two-year period; if so requested, Baer will furnish them to Client and will be under no further obligation to continue to maintain them.

**24. TERMINATION.** This agreement may be terminated by Baer Engineering or the Client at any time with or without cause upon giving the other party seven (7) calendar days prior written notice. In the event of termination, Baer Engineering will be paid within thirty (30) calendar days for services performed prior to the date of termination plus reasonable termination expenses including, but not limited to, the cost of completing analyses, records, and reports necessary to document job status at the time of termination.

**25. NO WAIVER OF LIEN OR STOP NOTICE RIGHTS.** The terms and conditions of this Agreement shall not be construed to alter, waive, or affect any lien or stop notice rights that Baer Engineering may have for the performance of services under this Agreement.

**26. SUCCESSORS AND ASSIGNS.** By this Agreement, Client understands that it binds itself, its partners, successors, executors, administrators, and assigns.

**27. BANKRUPTCY.** Should Baer Engineering become bankrupt, Baer Engineering or its trustee in bankruptcy shall be paid the reasonable value of all services previously performed. In determining reasonable value under this article, the contract price shall be deemed reasonable.

**28. ASSIGNMENT.** Neither Client nor Baer Engineering shall assign rights or duties created under this Agreement without the written consent of the other, except that Baer may employ the services of subconsultants when, in its sole opinion, it is necessary, customary, and/or appropriate to do so. Such subconsultants include, but are not limited to, surveyors, specialized consultants, drillers, and testing laboratories. The Client shall not unreasonably restrict Baer's use of other subconsultants for additional purposes.

**29. ALTERATIONS.** No term of this Agreement is to be altered unless done in writing and signed by the parties.

**30. FORCE MAJEURE.** Neither party shall be held responsible for damages or considered to be in default nor breach of this Agreement or by reason of delays in performance caused by strikes, lockouts, accidents, Acts of God, inclement weather and other unavoidable delays beyond Baer Engineering's reasonable control. Furthermore, Baer Engineering shall not be liable for delays in performing its obligations hereunder that are caused by Client or Client's agents (e.g., furnishing information promptly), shortages or unavailability of labor at established wage rates, other contractors, and/or government agencies. In the case of this happening, the time of completion shall be extended accordingly, but if Baer Engineering experiences increased costs due to such delays, then upon

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written notice to Client setting forth the specific items of increased cost and the amounts thereof, Client shall pay such additional amount(s) or else Baer Engineering, at its option, may terminate this Agreement.

**31. COOPERATION.**

- A) Client agrees to fully cooperate with Baer Engineering for the purposes of performing its obligations under this Agreement.
- B) Baer Engineering agrees to assist Client in applying for permits and approvals that are typically required by law for projects similar to the one(s) for which Client has hired Baer Engineering. This assistance shall consist of completing and submitting forms on the results of certain work (if said work is included in the Scope of Services). However, this assistance does not include special studies, special research, special testing, or special documentation not normally required for the type of project contemplated. Furthermore, Baer's assistance shall not include attendance at meetings with Client, contractors, or public authorities unless specifically stated in the Scope of Services. If time spent in such meetings exceeds anticipated effort included in the Scope of Services, then Client agrees to compensate Baer for same at the rates specified in Exhibit A.

**32. CORPORATE LIABILITY.** It is understood and agreed by the parties that Baer Engineering is a Texas corporation, and it has contracted to perform services in the Agreement as a corporation and not as individuals. Therefore, Client agrees to make no claim, demand, or suit directed against individual employees, agents, and officers of Baer Engineering for their acts done as employees, agents, or officers.

**33. DISPUTE RESOLUTION**

- A) **Certification of Negligence.** Client agrees to make no claim for negligence against Baer unless Client has first provided Baer Engineering with a written certification of an independent engineer currently practicing in the same discipline as Baer Engineering and who is licensed by the State of Texas. This certification shall:
  - contain the name and license number of the certifier;
  - specify each and every act or omission that the certifier contends is a violation of the standard of care that is applicable to a design professional performing services under similar circumstances;
  - state in detail the basis for the certifier's opinion(s) that each alleged act or omission constitutes a violation of the applicable standard of care; and
  - be presented to Baer Engineering at least 30 days prior to the presentation of any claim for dispute resolution or litigation.
- B) **ADR.** Except as provided herein, all claims, disputes, and other matters in controversy solely between Baer Engineering and Client arising out of or in any way related to this Agreement shall be submitted to "alternative dispute resolution" (ADR) before and as a condition precedent to other remedies provided by law. If the parties agree to no specific ADR procedure, then both parties must submit their claims and/or defenses to mediation before they can be plead in a lawsuit.
- C) **Exceptions.** If a dispute involves: (i) claims for indemnity against claims brought by third parties, and/or (ii) Baer Engineering's claims for sums due and owing to Baer Engineering for services rendered and costs incurred, Baer Engineering, at its option, may proceed directly to enforce its remedies at law, including, but not limited to, an action to foreclose mechanic's liens, a suit on sworn account, or such other proceedings or process deemed necessary to enforce its rights to payment.
- D) **Venue.** Any action arising under this Agreement shall be brought and tried in Travis County, Texas. The parties agree that the prevailing party shall be entitled to attorney's fees and costs.

**34. NOTICES.** Any notices required or permitted to be sent shall be considered served on a party if hand delivered, sent by telegram or certified mail, or sent by facsimile to the addresses and numbers that appear in paragraph 36 or such other addresses as the parties may have designated pursuant to that paragraph.

**35. GOVERNING LAW AND SURVIVAL**

- A) The law applicable to any adjudication of disputes arising hereunder shall be the law of the State of Texas.



B) If any of the provisions contained in this Agreement are held illegal, invalid, or unenforceable, the enforceability of the remaining provisions will not be impaired. It is agreed that limitations of liability and indemnities shall survive termination of this Agreement.

36. **PROJECT REPRESENTATIVES.** Client shall designate representatives who are authorized to accept notices from Baer and make decisions on Client's behalf when requested by Baer Engineering. Client lists the following representatives as persons who are authorized to make decisions regarding work on the project(s) that Baer is working on under this Agreement. Client agrees not to delay in making decisions that Baer has requested, and represents that the following people, listed in order of priority, will be available on an on-call basis:

|  |  |
|--|--|
| <b>Project Name (Project):</b> Odor Testing at Reunion Ranch WWTP  |  |
| <b>Project Location (Site):</b> 108 Jayne Cove, Austin, 78737  |  |
| <b>CLIENT INFORMATION</b>  | <b>BAER ENGINEERING INFORMATION</b>  |
| <b>Project ID:</b><br>Murfee Engineering Company, Inc.<br>1101 S. Capital of Texas Hwy, Bldg. D<br>Austin, Texas 78746                             | <b>Project Number:</b> 211056.01<br>Baer Engineering and Environmental Consulting, Inc.<br>7756 Northcross Drive, Suite 211<br>Austin, Texas 78757 |
| O: 512 327 9204<br>C: 512 497 1491<br>Email: <b>Andrea Wyatt</b> <awyatt@murfee.com><br>URL: <a href="https://murfee.com/">https://murfee.com/</a> | Phone: 512.453.3733<br>Fax: 512.453.3316<br>URL: <a href="https://baereng.com/">https://baereng.com/</a>   |
| <b>PROJECT REPRESENTATIVES CONTACT INFORMATION</b>   |  |
| <b>Project Principal:</b>  | <b>Project Principal:</b> Therese Baer, PE – Princ Eng<br><tbaer@baereng.com>  |
| <b>Project Manager:</b> <b>Andrea Wyatt, P.E.</b><br><b>Andrea Wyatt</b> <awyatt@murfee.com>   | <b>Project Manager:</b> Victor Steeghs – Svc Line Mgr<br><vsteeghs@baereng.com>  |

The parties agree to send written notice if any of the contact information above changes.

Wherefore, in solemn acknowledgment of the terms of this agreement, we do sign our names on this Agreement to become effective as of the \_\_\_\_\_ day of \_\_\_\_\_, 2021.

**Client or Authorized Representative:**

**Baer Engineering:**

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
TITLE

ORDER ESTABLISHING WATER AND WASTEWATER SERVICE  
RATES, CHARGES, TAP FEES AND SOLID WASTE DISPOSAL/RECYCLING FEES AND  
ADOPTING GENERAL POLICIES WITH RESPECT TO THE DISTRICT’S WATER,  
WASTEWATER AND DRAINAGE SYSTEMS

~~April 19, 2022~~ ~~October 20, 2020~~

THE STATE OF TEXAS     §  
  §  
COUNTY OF HAYS         §

WHEREAS, pursuant to Chapters 49, 51 and 54, Texas Water Code, the Board of Directors (the “Board”) of Reunion Ranch WCID (the “District”) is authorized to adopt and enforce all necessary rates, charges, fees, and deposits for providing District facilities or services;

IT IS, THEREFORE, ORDERED BY THE BOARD OF DIRECTORS OF Reunion Ranch WCID as follows:

I.     General Policies.

A.     Definitions. For purposes of this Order, the following terms shall have the meanings indicated:

1.     “Connection” shall mean and refer to each residential unit occupied by a separate family, including separate apartments located within a single building, and each business unit occupied by a separate business, including separate establishments within a single building.
2.     “District’s representative” shall mean and refer to the general manager of the District or another representative or employee of the District acting pursuant to the direction of the general manager or the Board of Directions of the District.
3.     “LUE” shall mean a single unit of service, defined as the typical flow (in gallons per day) that would be produced by a single-family resident. The number of LUE’s needed for a connection shall be determined in accordance with the methodology, calculations and procedures used by the West Travis County Public Agency (WTCPUA) for determining LUE conversions by land use that are in effect at the time a connection is needed.
4.     “The Rules” shall mean and refer to such rules and regulations as the District may adopt pursuant to Section 51.127, Texas Water Code. The term “Rules” shall specifically include, but shall in no respect limited to, the District’s “Amended Rules and Regulations Governing Water and

Sanitary Sewer Facilities, Service Lines, Connections, Erosion Control, Trash Removal and District Property.

5. "Systems" shall mean and refer to the District's water, wastewater, and drainage systems.
  6. "Erosion Control Inspection" shall mean verification of proper silt fencing, inlet protection, and trash contamination.
  7. "Site Inspection" shall mean review, inspection, and general overview of lot before construction begins.
  8. "Slab Line Inspection" shall mean verification of non-connection between potable and non-potable water connections; including service line.
  9. "Wall Line Inspection" shall mean verification of non-connection between potable and non-potable water connections; before wall enclosure.
  10. "Fixture Inspection" shall mean verification of non-connection between potable and non-potable water connections; includes correct connections of faucet, hose bib, washing machine, dishwasher connections, etc.
  11. "Final Inspection" shall mean complete inspection of entire lot before builder/owner closure of property.
- B. All Services Required. Except as otherwise expressly authorized in the Rules, no service shall be provided by and through the District's System unless the applicant agrees to receive both water and wastewater service from the District.
- C. All Services Charged. At no time shall the District render water and/or sewer services without charge to any person, firm, corporation, organization, or entity.
- D. Other Utilities. Prior to installing underground cables, pipelines, or other facilities in the area of the District water supply and sanitary sewer collection lines, representatives of utility companies shall meet with the District's representative to file such companies' construction plans and schedules and to review the engineering plans illustrating the location of the District's lines.

II. Connections to the District's Systems.

A. Applications for Connections.

1. Any party desiring to make a connection to the District's Systems shall first make an application to the District's representative in the form approved by the Board of Directors of the District. The applicant shall, upon request, furnish the District's representative with evidence that the party who will actually install the tap and connecting line has comprehensive general liability insurance in the minimum amounts of \$300,000.00 bodily injury and \$50,000.00 property damage, with an underground rider and a completed operations rider.
2. The District's representative shall review all applications for connections to the District's Systems. In the event that the District's representative finds that the materials to be used and the procedures and methods to be followed in laying the line and making the connection are equal to or better than the standards and are in compliance with all terms and conditions of the Rules, the District's representative may approve the application and the proposed connection, subject to such terms or conditions as the District's representative deems necessary or convenient to accomplish the purpose and objectives of the Rules.

B. Payment of Fees. Any party desiring to make a connection to the District's water and wastewater system shall pay the appropriate water tap fee and/or sewer tap fee and impact fee to the District's representative at the time the application for such connection is made. No connection shall be made until such fees are paid.

C. Water Impact Fees per LUE and Tap Fees.

1. Water Impact Fee. An impact fee of \$5,250.00 for each LUE for each water tap within the amended final plat of Reunion Ranch Section One, or within the amended final plat of Reunion Ranch Section Two, shall be charged and collected by the District for all taps on any residential, office, retail, commercial or industrial property within those sections. An impact fee equal to the then current West Travis County Public Utility Agency impact fee, for each LUE for each water tap and property not within the amended final plat of Reunion Ranch Section One or the amended final plat of Reunion Ranch Section Two shall be charged and collected by the District for all taps on any residential, office, retail, commercial or industrial property.

2. The District's water tap fees shall be as follows:

| Meter Size  | Water Tap Fee                         |
|-------------|---------------------------------------|
| 5/8" x 3/4" | \$500.00                              |
| 3/4" x 3/4" | \$500.00                              |
| 1"          | \$1,000.00                            |
| Over 1"     | To be provided at time of application |

The District's wastewater tap fees shall be as follows:

|             |            |
|-------------|------------|
| Residential | \$500.00   |
| Commercial  | \$1,000.00 |

Sewer tap installation involving excavation of the sewer main shall be performed by the District at cost plus 25% in addition to the above tap fee.

The owner of a water or sewer tap may transfer a purchased tap from one lot within the District to another lot within the District upon application to the District and shall pay a fee of \$30.00

Expiration of Taps: Reservation of capacity through the pre-purchase of water and wastewater taps will expire eighteen (18) months after date of purchase of said tap.

D. District Required Inspection Fees:

1. The District's fee for each inspection of a water tap for a single-family residence or duplex residence dwelling unit (with individual meters for each dwelling unit) is \$75.00 per meter.
2. The District's fee for each inspection of a wastewater tap for a single-family residence or duplex residence dwelling unit (with individual meters for each dwelling unit) is \$75.00 per meter.
3. The District's fee for the final sewer inspection is \$250.00 this inspection includes televising of the lines. A sewer service camera inspection shall be required when gravity flow sewer lines exist between the house and main sewer line.
4. The District's fee for each inspection of a water tap for commercial structure (including apartment complexes) is \$100.00 per hour. An estimated cost will be determined during the tap application process. The fee for the first inspection must be paid at the time the tap is purchased. The fee for any additional inspections must be paid to the District's representative at the time the inspection is requested.

5. The District's fee for the first inspection of a wastewater tap for a commercial structure (including apartment complexes) is \$100.00 per hour. An estimated fee will be determined during the tap application process. Fees are due at the time the tap is purchased. The Fee for any additional inspections must be paid to the District's representative at the time the inspection is requested.
6. Backflow Inspections Fee will be assessed at \$75.00 per device.
7. Grinder Station Inspection Fee will be assessed at \$150.00 per inspection.
8. The District's fee for the two inspections of installation of a pool shall be \$100.00. Any required reinspection shall incur an additional fee of \$50.00.

E. Customer Service Inspections. The District will conduct inspections of new residential and commercial construction as required by the TCEQ. Inspections will include erosion, cross-connections, site slab line, wall line, fixture and final site survey a fee of \$350.00 is required for these inspections. In addition, an inspection will be performed on all new irrigation systems, pools, spas, water purification systems, etc. fees will be \$50.00. The applicable inspection fees will be paid at the time of purchase of the water and wastewater tap for the new construction. If an inspection is failed, a re-inspection fee of \$75.00 will be assessed for any re-inspection required. If the property is not accessible for inspection at the time an inspection is scheduled, the inspection will be deemed to have been failed, and the re-inspection fee will be assessed.

F. Security Deposit Residential. A security deposit of \$150.00 per connection shall be paid to the District's representative by each residential customer either prior to the initiation of service or billed on the first month's water bill. Security deposits shall not be transferable to another party and shall be held by the District to assure the prompt payment of all bills for water and wastewater services to the customer. Following eighteen (18) months of prompt payment, when due, of the District's utility bills, a customer who owns and occupies a residence within the District shall, upon written request to the District's representative, be entitled to a refund of its security deposit; provided however, that the District may require the customer to replace the security deposit in the event the customer thereafter makes late payments for two (2) or more consecutive months.

At its option, the District may apply all or any part of a customer's security deposit against any delinquent bill of the customer. Upon discontinuation of service, the deposit shall be applied against amounts due, including any disconnection fees, whether because of the customer's delinquency or upon the customer's request. Any portion of the deposit remaining after deduction of such

amounts shall be refunded to the customer. In no event shall the security deposit bear interest for the benefit of the customer.

Commercial Security Deposit. An amount equal to \$100.00 times the number of fee units or \$10,000.00 whichever is less.

- G. Transfer Fee. A customer who desires to transfer service from one address within the District to another address shall pay a transfer fee of \$30.00 which shall be collected at the time of the transfer of service. Customers who have a twenty-four (24) month or more prompt payment record shall not be required to pay said Transfer Fee.
- H. Additional Charges. Any non-routine charges incurred by the District in connection with any water tap, sewer tap, and/or inspection shall be the responsibility of the applicant for such connection and shall be payable to the District upon demand.
- I. Homebuilder Deposit. Each homebuilder within the District must maintain a builder deposit of (i) \$1,000.00, if one house is being constructed by the homebuilder; or (ii) \$2,000.00, if more than one house is being constructed by the homebuilder. No taps will be sold to a homebuilder until this deposit is paid. Homebuilder deposits are non-transferable, and any inspection fees coming due to the District may be charged against this deposit.

At its option, the District may apply all or any part of a Homebuilder's deposit against any delinquent bill of the builder. Upon discontinuation of service, the deposit shall be applied against amounts due, including any disconnection fees, whether because of the builder's delinquency or upon the builder's request. Any portion of the deposit remaining after deduction of such amounts shall be refunded to the builder. In no event shall the Homebuilder's deposit bear interest for the benefit of the builder.

- J. Pool Deposit. A customer who installs a pool shall provide a deposit of \$1,500.00 which shall be applied as provided in the District's Rules and Regulations.

### III. Water and Wastewater Service.

- A. Applications for Service. On or before two (2) business days prior to activation of service, any party desiring to receive service from the District's water or wastewater systems shall make an application for such service to the District's representative in the form approved by the Board of Directors of the District. All applications shall be made by the record owner or renter of the property for which service is being requested. Proof of residency shall be furnished to the District's representative upon request. Application fee is set at \$30.00. If requested and

same day activation of service is possible, such expedited Application fee is set at \$50.00.

- B. Water and Sewer Service Rates. The following rates and charges for the sale of water and the collection and disposal of sewage shall be in effect for residential customers, including multi-family and apartment, and commercial customers within the District from the effective date of this Order.
- C. The Customer shall install a pressure sewer system component, hereinafter referred to as a grinder pump system ("Grinder Pump System") in those circumstances where the elevation and/or slope of the Property in relation to the location of the District's System requires the installation of a pressure sewer system in order to transport Customer's sewage to the District's System.
- D. Design and Installation of Grinder Pump Systems. The District shall have the right to prior approval of the design of the Grinder Pump System, including materials, equipment, and location of the Grinder Pump System, prior to installation of the Grinder Pump System by the Customer. The Customer shall obtain from the District's engineer the design requirements for the Grinder Pump System for the Property. The design requirements shall be determined by the District's engineer and shall be in accordance with the rules of the TCEQ for alternative sewage collection systems, as those rules are amended by the TCEQ.
- E. Inspection of Installed Grinder Pump Systems Prior to Provision of Service. The District shall have the right to inspect and approve the installed Grinder Pump prior to initiation of service to the Property. The Customer shall give the District at least five (5) business days' notice requesting an inspection.
- F. The District will Maintain and Repair Installed Grinder Pump Systems. The Customers shall immediately notify the District upon discovery of any alarm or possible malfunction of the Grinder Pump.
- G. The Customer will provide the District with a right of access to the Customer's property at any time in case of an emergency and at all other reasonable times in a non-emergency case for the purposes of making any improvements, maintenance, repairs, and replacement of any components of the Grinder Pump System, including any Service Lines from the pump to the wastewater collection system and the service isolation valve in order to protect the integrity of the System.
- H. The Customer shall be responsible for supplying power to the Grinder Pump System and for all costs associated with supplying power associated with the operation of the Grinder Pump System.



- I. The District and the Customer agree that the Grinder Pump System is the property of the Customer; however, once the Grinder Pump System is installed, it becomes an integral component of the District's System and not as a part of the home plumbing for the Property as required by the Rules of the TCEQ.

1. General Provisions.

- a. Bills for sewer service shall be computed (i) on the basis of the average amount of water used by the customer during the winter season based upon the average of the monthly readings of the customer's water meter for the preceding December, January, and February; or (ii) on the basis of the customer's current monthly water bill, whichever is less.

- b. If a residential customer does not have an acceptable history of water usage during the preceding December, January, and February, the customer's monthly sewer bill shall be calculated based upon (i) the customer's current monthly water usage; or (ii) on the basis of 4,000 gallons water usage per month, whichever is less.

- c. If a nonresidential customer does not have an acceptable history of water usage during the preceding December, January, and February, the customer's monthly sewer bill shall (i) be calculated based upon the customer's current monthly water usage; or (ii) be calculated by measuring actual sewage volume, on a basis acceptable to the District, at the expense of the customer, and correlating such volume to the schedule set forth below.

- d. For purposes of calculating monthly water rates for irrigation meters, the winter average shall be deemed to be 5,000 gallons per month per Living Unit Equivalent.

- e. Anything herein to the contrary notwithstanding, no charge for wastewater service shall be made based on water used as a result of a Special Connection authorized pursuant to the Rules.

- f. Payments, other than delinquent accounts, may be made in the form of personal check, credit card, cashier's check or money order. Customers of the District may also pay monthly bills via alternative payment options provided through the District, the District's representative, or third-party service providers, including but not limited to, online check and credit card payments, check and credit card payments processed by telephone, automatic monthly debt programs, and other payment option as they become available. All alternative payment options offered by the District are provided merely as a convenience to customers and such alternative payment options may be discontinued by the District at any time in its sole discretion. Certain payment options are made available through third party service providers who may charge fees in connection with such payment options. Such fees are the sole responsibility of the customer and are separate and apart from any amount owed by the customer to the District. Non-payment of any such fees shall subject the customer to termination of service in accordance with this Order. If any customer payment is refused or returned by the processing financial institution, the District will charge the customer a return item fee of \$25.00. Acceptable payment options for delinquent accounts are restricted as specified elsewhere in this Order.

g. Any party desiring to have a meter reading confirmed is subject to a \$50.00 fee if it is found that the meter read is reading correctly and such fee will be assessed to the customer's next water bill.

h. An accuracy test may be performed at the written request of the customer. If the results from the accuracy test prove to be 95% or above accurate, a charge in the amount of \$100.00 will be assessed to the customer's next water bill.

2. Monthly In-District Water, Effluent and Sewer Rates.

Residential customers shall be charged for water as follows:

Basic Service Charge Water Per LUE \$40.00

|   |       |                         |
|---|-------|-------------------------|
| Gallon Charge for Water (per 1,000 gallons) | 3.50  | 0 – 10,000 gallons      |
|   | 3.85  | 10,001 – 15,000 gallons |
|   | 4.40  | 15,001 – 20,000 gallons |
|   | 5.65  | 20,001 – 25,000 gallons |
|   | 7.00  | 25,001 – 30,000 gallons |
|   | 12.00 | 30,001 – 40,000 gallons |
|   | 15.00 | 40,001 and over         |
|   |       |                         |

Homeowner Associations shall be charged for water as follows:

Basic Service Charge Water Per LUE \$40.00

|   |      |                   |
|---|------|-------------------|
| Gallon Charge for Water (per 1,000 gallons) | 2.50 | Per 1,000 gallons |
|---|------|-------------------|

EFFLUENT RATES (Effective on April \_\_, 2022).

Homeowner Associations shall be charged a monthly base fee of \$\_\_\_\_\_ and a volume charge of \$0.00 per 1,000 gallons for use of effluent for irrigation.

All other customers wishing to use effluent must enter into a separate agreement with the District.

All customers shall be charged for wastewater as follows:

Basic Service Charge Wastewater Per LUE \$35.00

|  |      |                   |
|--|------|-------------------|
| Gallon Charge for Wastewater (per 1,000 gallons) | 3.25 | Per 1,000 gallons |
|--|------|-------------------|

3. Fire Hydrant Meter Fees. Sale of water on a temporary basis from fire hydrants within the District shall be requested from the District's representative. There shall be charged and collected for each fire hydrant meter application fee of \$30.00, an installation fee of \$125.00 and a security deposit of \$2,000.00. It is understood that such installation fee shall include a required back flow prevention test. The security deposit shall be refunded to the applicant at the time the meter is returned in good working order less any amounts due for damage to the meter, other equipment, or water bills due.
4. Amounts Owed to The District Resulting from Enforcement of District Rules. Fines, penalties, costs, expenses, reimbursements and any other charges imposed by the District pursuant to enforcement of the Rules shall be added to and included on the bills sent monthly to customers, and in accordance with Texas Water Code Section 49.212, shall be subject to the treatment of delinquent accounts as hereinafter provided.

The District shall charge each customer any regulatory assessment required by the Texas Commission on Environmental Quality.

IV. Delinquent Accounts and Discontinuation of Service.

- A. The District shall bill each customer monthly for all services rendered in the preceding month. All bills shall be due on the due date as specified on the bills and shall become delinquent if not paid as set forth on the bills. For accounting purposes only, and with District board approval, the District's representative shall write off accounts receivable over ninety (90) days past due. This shall in no way relieve the past due customer of any liability for payment. The District's representative shall turn all overdue accounts over to a collection agency for appropriate action.
- B. A late charge of ten percent (10%) of the amount of the bill shall be added for each monthly billing date the delinquent amount, including a delinquent stand-by fee, remains unpaid. If a bill remains delinquent for fifteen (15) days, water service shall be discontinued in accordance with this paragraph. Prior to termination, the customer shall be notified of the amount due by letter sent by United States Mail, First Class. A delinquent bill renders the entire account delinquent and the entire account must be paid in full in order to avoid interruption of service. The notice shall state the date upon which water service shall be terminated, which date shall be not less than seven (7) days from the date such notice is sent. Such notice shall state the time and place at which the account may be paid and that any errors in the bill may be corrected by contacting the District's representative, whose telephone number shall also be given in such

notice. Provided, however, that in the event the customer contacts the District's representative within such seven (7) day period, the District's representative may, at its option, allow the customer to make arrangements to pay the delinquent amount in installments to be approved by the District's representative. Prior to termination, the customer shall receive three (3) days notice of such termination by the District's representative placing the notice at the customer's service address. After termination of service, payment by the customer of delinquent amounts due and reconnection charges shall be payable only credit card, money order, or cashier's check. No personal checks will be accepted.

- C. Water service shall be discontinued in accordance with this Section for any account for which a check for payment has been dishonored by the financial institution. Prior to termination, the customer shall receive a three (3) day notice of such termination by the District's representative placing the notice at the customer's service address. Payment by the customer who has presented a dishonored check shall be made by credit card, money order, or cashier's check. Personal checks will not be accepted.
- D. The District reserves the right to institute suit for the collection of any amounts due and unpaid, together with interest thereon at the maximum legal rate and reasonable attorneys' fees.
- E. The District further reserves the right to charge a customer paying a bill with a check which is dishonored an amount established from time to time by the District's representative, which amount shall be based on the prevailing or usual charges made for dishonored checks and drafts by other vendors in the same general area as the District.

V. Reconnection of Service after Discontinuation.

Charge for Reconnection. If service to a Customer is discontinued for nonpayment of a delinquent bill or for any cause legally authorized (including discontinuation upon a Customer's request), the charges set forth below shall apply, and such charges must be paid prior to reconnection. In addition to the charges set forth below, and in addition to any required replenishment of a Customer's security deposit previously established under Section II(F) herein, an additional reconnection security deposit of \$150.00, payable in accordance with this Order, shall be paid prior to service being restored. Upon payment of the reconnection security deposit by a Customer, such deposit shall be retained and administered in accordance with Districts rate order. Payment of all deposits, fees and charges under this Section must be in the form of cash, cashier's check, or money order.

A. Water System.

|                             |          |
|-----------------------------|----------|
| When meter has been removed | \$100.00 |
|-----------------------------|----------|

When meter has not been removed \$ 40.00  
Additional after-hours charge (after 4 p.m.) \$100.00

Wastewater System. Two times the cost to the District.

Unauthorized Use of Water.

Except as provided in Section VII below, any person, corporation, or other entity which takes or uses water without prior authorization of the District violates this Rate Order and shall be subject to a penalty of \$200.00 for each breach of this provision and shall be charged for water taken or used at the applicable rates as established in the foregoing. Each day that a breach of this section continues shall be considered a separate breach. All water use, other than by grants of the District, will be through a meter provided to the user by the District. The District shall not allow use of District water or connection to the District's water system until all outstanding penalties assessed have been paid. This penalty shall be in addition to the other penalties provided by the laws of the State and to any other legal rights and remedies of the District as may be allowed by law. Board determination of a violation is required in order to levy a penalty and upon such determination, notice in writing shall be delivered to the person, corporation, or entity held in violation providing said person the opportunity to appear before the Board and address the imposition of said penalty.

VIII. Leak Billing Adjustments. Customers may contact the District if they believe their water bill is unusually high, possibly due to a leak in the water system, and the following procedures will be followed to determine if a billing adjustment is appropriate:

1. The District's Representative reviews the water usage to confirm the monthly usage is higher than the average time of year and will ask the customer if there was a leak in the home or irrigation.

a. If the customer had a leak and has a repair invoice for an underground leak or irrigation repair made in the time associated with the highwater use, the District's Representative will calculate the total water use down to the first tier's rate.

b. If the customer had a leak and has not repaired it, the District's Representative will request that the customer hire a plumber to investigate. No leak adjustment will be considered without a repair for an underground leak or irrigation repair.

c. If the customer believes there is no leak causing high water usage, the District's Representative will offer to test the meter to determine if the District meter is recording water flow incorrectly.

i. If the meter results show there is an issue with the meter adverse to the customer, the District's Manager will adjust the billing to an average of water use over the last year's average during the same season.

ii. If the meter is tested and there are no issues adverse to the customer, the customer will pay for the testing. The charge is \$50.00.

2. The District's Representative may offer a payment plan up to 3 months. The Board must approve a longer payment plan.

3. For residential customers, the District's Representative shall, in cases where the approved water billing adjustment is for usage in December, January or February, also adjust the monthly usage for purposes of calculating the winter average, to the amount of usage in that month in the preceding year. For Homeowner Associations, the District's Representative shall, in cases where a water billing adjustment is approved for a non-irrigation meter, also adjust the wastewater billing to amount billed in the same month of the prior year, if the nature of the leak is such that the leaking water likely did not enter the District's wastewater system.

IX. Water Conservation and Drought Contingency Plan

The District's Water Conservation and Drought Contingency Plan are incorporated by reference into this Rate Order, specifically including, but not limited to, the enforcement provisions in Section 6.4. The Water Conservation and Drought Contingency Plan may be amended from time to time. Such amendments shall also be incorporated in their entirety when adopted by the Board.

X. Transfer of Service.

In the event service at an address is to be transferred from one customer name to another customer name, there shall be assessed the following charge:

Transfer fee: \$30.00

XI. Filing of Order.

The Secretary of the Board is hereby directed to file a copy of this Order in the principal office of the District.

XII. The effective date of this Order shall be the next billing cycle after ~~October 20, 2020~~ April 19, 2022.

---

Dennis Daniel, President  
Board of Directors

ATTEST:

Ronald F. Meyer, Eileen Grass, Assistant Secretary  
Board of Directors

(DISTRICT SEAL)

1\ReunionRanch\Rate Order-20220  
4/13/22+0/27/20



**Reunion Ranch WCID  
General Manager Reports for the month of  
March 2022  
Board Meeting: April 19<sup>th</sup>, 2022**

Reviewed By: Ronja Keyes  
Date: 4/08/2022



**Memorandum for: Board of Directors Reunion Ranch WCID**

**From: Ronja Keyes**

**Date: 04/19/2022**

**Subject: General Manager's Executive Summary**

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

**Agenda Item 14**

**A. Administrative**

- Nothing significant to report.

**B. WWTP/Collection System**

- All facilities are in compliance for the month of March;
  - plant is at 68% capacity; total flows are 1.68 MG; average flows are 54,00 GPD.
- Effluent Pump #1 failure;
  - Inspected pump further, checked if wiring is causing failure, no issues were found. Pump is under warranty and has been delivered to the shop for repairs.
- Actuator/Decant valve update;
  - Underground wiring is causing further issues. Conduit and wire from valve to panel needs to be replaced. Proposal forthcoming.
- Drip Skid cover Proposal in the Amount of \$8,435.00 is enclosed.

**C. Wastewater Grinder Stations**

- Customer experienced issues with Grinder Pump;
  - Unclogged pump and notified Customer that issue has been resolved.

**D. Effluent Irrigation System & Fields**

- Conducted monthly inspection of irrigation fields.
  - No leaks reported.
- Irrigation pump leak;
  - Repaired leak on 2" fitting.

**E. Distribution & Collection, Lift Stations**

- Water accountability is at 86.77% for the month of March.
  - Leak detection survey is scheduled for May 9<sup>th</sup>. Proposal enclosed for review.
- Fire Hydrants;
  - Hydrant at Reunion Ranch and Jayne Cove was hit by a car. Replaced flange and repaired leaking hydrant line.
  - Hydrant leak at Katie and Jacksdaw, leak located on 4" and 6" nozzle, tightened caps.

- Leak reported near meter on Reunion Blvd;
  - Found broken irrigation line at the valve box on Customer's side. Resident was notified.
- Houston Team completed Manhole Survey. Breakdown below;
  - 165 Manholes inspected
  - 26 Manholes were unable to be located
  - 5 Manhole covers were unable to be removed
  - 1 Manhole ring needs to be realigned
  - 7 Manhole rings need to be resealed
  - 2 Manholes need debris removed

**F. Billing Adjustments**

- Resident received high water bill (\$2,179.85, bill is due on April 20<sup>th</sup>).
  - Inframark assisted with shutting off water on March 4<sup>th</sup>.
  - Customer provided Invoice for repairs by licensed Plumber along with Pictures.
  - Issued leak adjustment in the Amount of \$1,510.65.

**G. Delinquencies**

- Mailed 8 Delinquent Letters; 0 Hung; 0 Red Tags

**H. Customer Meter Issues**

- Nothing significant to report.

**I. Customer and Resident Complaints**

- No complaints received.

**J. Stormwater Conveyance and Pond Maintenance**

- Inframark conducted pond inspections on March 21<sup>st</sup>. Reports are enclosed.
- Aquatic Features;
  - Water retention pond inspection reports included for review.
  - Received Aquatic Feature survey report for the wet pond sediment assessment.
  - Proposal for solar powered Aerators in the Amount of \$7,351.00 is enclosed.
- Landscaper provided feedback on material for the Pedestrian walkway to Mary Elise Pond. Breakdown below;
  - **Terrain**; proposing 5' wide walking trail
    - 1. Fairland pink gravel - \$2,940.00
    - 2. 1" Colorado River Rocks - \$3,045.00
  - **Sunscape**; proposing a 3' wide walking trail
    - 1. Fairland pink gravel - \$4,220.51
    - 2. 2" Brazos River Rocks - \$3,185.46
    - 3. Road base - \$2,433.21
  - **Urban Dirt**; proposing a 5' wide walking trail
    - 1. Fairland pink gravel - \$9,310.00
    - 2. 4" stabilized decomposed granite - \$10,830.00
    - 3. 4" recycled Asphalt Millings - \$6,875.00

**K. Landscaping**

- Nothing significant to report.

**L. Water Quality Notices to Residents**

- Nothing significant to report.

**M. Out of District Water/Wastewater Requests**

- No request received.

**N. Request for use of Greenspace and other District Easements**

- No request received.

**O. Maintenance Access**

- Nothing significant to report.

**P. Expenditures, contracts, repairs, replacements, and maintenance**

- Refer to recommendations below.

**Construction**

- Erosion control report attached for review.

**Current Items for Board consideration:**

| <b>Vendor</b>      | <b>Amount</b>                           | <b>Budgeted</b> | <b>Description</b> | <b>Work Order #</b> |
|--------------------|---|-----------------|--------------------|---------------------|
| MultiVolt Electric | \$8,435.00                              |                 | Drip Skid Cover    |                     |
| Aquatic Features   | \$7,351.00                              |                 | Pond Aerator       |                     |
| Terrain            | \$2,940.00<br>\$3,045.00                |                 | Pedestrian access  |                     |
| Sunscape           | \$4,220.51<br>\$3,185.46<br>\$2,433.21  |                 | Pedestrian access  |                     |
| Urban Dirt         | \$9,310.00<br>\$10,830.00<br>\$6,875.00 |                 | Pedestrian access  |                     |



## WWTP Lean To Roof Quotation

Dripping Springs, TX

### **Inframark Water & Infrastructure Services**

Thank you for the opportunity to provide a quotation for your project. We have done our best to provide you a quotation based upon your specifications and requests as well as abiding by all National and municipal code requirements.

#### Deliverables:

##### *Electrical:*

1. Furnish and install labor and material for installation of roof over valve skid.
2. Labor and material for excavation and pouring of concrete footing for structure.
3. Framing material will be made of pre-galv material and the roof will be R-panel galv.
4. Will attach structure to side of building and anchor all the way thru wall to ensure integrity.
5. All underground needs to be marked as best as possible by owner before digging occurs.

#### Exclusions:

1. Additional work not outlined in scope of work.
2. State or local sales tax.
3. Performance and payment bond.

#### Terms:

1. Signed contract or purchase order is required before work is to commence.
2. MultiVolt Electric proposes to provide the scope of work for the price stated herein Aqua WSC for the purposes of establishing terms of an agreement or contract.
3. Certificates of insurance requested by the Owner shall be limited to \$2M in the aggregate (all other statutory coverage will be provided, as needed, including workers compensation, automobile, and builder's risk).



- 4. Full payment request shall be submitted no later than 15 days in which the work was completed, and payment will be due **Net21** from time of invoice.
- 5. Owner may require a release of lien to be issued by MultiVolt Electric, provided however, that the release of lien is contingent upon payment for which the release of lien is requested.
- 6. Quote good for 15 days.

**Quotation:**

|                         |                   |
|-------------------------|-------------------|
| Lean To Roof Structure: | \$8,435.00        |
|                         |                   |
| <b>Total:</b>           | <b>\$8,435.00</b> |

X \_\_\_\_\_

\*Please sign, Date and return or email upon approval of quotation. Look forward to working with you.

**Respectfully Submitted:**

*Dathan Dalton*

*Delivering Professional Grade Leak Detection*

SAMCO  
**PROPOSAL**

**Prepared for: Inframark – Reunion Ranch WCID**

**Date: April 12, 2022**



*Its time to call*  
**SAMCO**  
LEAK DETECTION  
Delivering proven results since 1985.

901 Mopac Expressway South  
Barton Oaks One, Suite 300  
Austin, TX 78746

☎ (512) 263-7043  
💻 [samco-leakservice.com](http://samco-leakservice.com)  
✉ [sgodfrey@samco-leakservice.com](mailto:sgodfrey@samco-leakservice.com)



# LEAK DETECTION SERVICES

## OVERVIEW

SAMCO is pleased to submit this proposal for services to support Inframark – Reunion Ranch WCID with Reunion Ranch WCID in achieving its goals for reducing water loss and improving overall water distribution efficiency.

SAMCO provides a turnkey water distribution system evaluation and survey to determine water loss. SAMCO will inspect the water system for leaks to help reduce your water loss and focus on water conservation. You will be provided a leak detection report indicating all findings as well as a leak location map.

## PROPOSAL

The lines below spell out in detail the services to be provided. It is a customized list of all work to be done to ensure the project will achieve its specified goals in a timely and efficient manner.

1. **Pre-Survey Consultation:** SAMCO Leak Detection Services, Inc. ("SAMCO") will meet with the Customer's designated agents to review all system mapping data and develop a strategy for the leak detection survey.
  
2. **Acoustic Leak Detection Surveying:** SAMCO will perform acoustic leak detection surveys and visually inspect approximately 6 linear miles of Reunion Ranch WCID of water distribution pipe line. SAMCO will survey all of the following assets:
  - accessible active and inactive service connections;
  - fire hydrants;
  - distribution valves;
  - flush valves;
  - air release valves;
  - pressure reducing valves; and
  - check valves to identify system leaks and water loss problems.

The applicable leak detection survey area and accompanying system maps will be provided by the Customer to SAMCO.

3. **GPS Leak Locations and Map:** SAMCO will geographically plot leak locations with a Trimble GPS sub-meter (<100 cm) accuracy unit. GPS data points will be provided to the Customer's designated agent in a Shapefile with World Geodetic System 84 (WGS84) or North American Datum 83 (NAD83) latitude/longitude coordinates for Geographic Information System (GIS) mapping updates. SAMCO will also provide the Customer with a hard copy PDF map of all their leak locations.

4. **Workmanship:** SAMCO will perform services for the Customer in a good and workmanlike manner in accordance with generally accepted standards of care in the industry. SAMCO does not guarantee it will detect any or every leak from the Customer's water system, but that it will use commercially reasonable methods and practices to perform the services.
5. **Cost Adjustments:** If the Customer alters the size or scope of its water system or facilities during the term of the agreement, the parties agree that the charges below will be adjusted accordingly on a pro rata basis. The parties agree that the current area of the water system to be surveyed is approximately 6 linear miles of water distribution pipe line.
6. **Insurance:** SAMCO will maintain insurance during its performance of the services and will present certificates of coverage upon request of the Customer.
7. **Payments:** Upon completion of the services, SAMCO will submit an invoice and Customer will remit payment within thirty (30) days of the invoice date. If Customer has a good faith dispute with the amount of the invoice, Customer will notify SAMCO in writing of the basis for the dispute and will pay all amounts not so disputed within the 30-day period. All amounts owed to SAMCO and not paid within 30 days, whether or not disputed, will accrue interest at the rate of twelve percent (12%) per annum.
8. **Dispute Resolution:** Customer will provide SAMCO with written notice of any alleged breach or default and a reasonable period of not less than thirty (30) days in which to cure the breach or default. Any controversy or claim arising out of or relating to this agreement, or any breach or default thereof, shall be settled by arbitration administered by the American Arbitration Association in accordance with its Commercial Arbitration Rules, and judgment on the award rendered by the arbitrator may be entered in any court having jurisdiction thereof.

## Execution Strategy

SAMCO will meet with the appropriate Inframark – Reunion Ranch WCID staff to ensure the project is executed in a correct and timely manner. A kick off meeting will lay out the plan to begin the project. Once the SAMCO completes the leak detection survey a post project meeting will be scheduled to present the leak detection report and all other related water loss issues identified.

## Project Deliverables

| Deliverable           |
|-----------------------|
| Leak Detection Report |
| Leak Detection Map    |



## PRICING

The following table details the pricing for delivery of the services outlined in this proposal. This pricing is valid for 90 days from the date of this proposal:

| Service Costs   | Amount            |
|---|-------------------|
| Leak Detection Survey (Charge \$1,300 per mile X 6 linear miles of water distribution system) | \$7,800.00        |
| <b>Total Services Costs</b>   | <b>\$7,800.00</b> |

## CONCLUSION

SAMCO look forward to working with Inframark – Reunion Ranch WCID in supporting your efforts to reduce your water loss and improve your water distribution system efficiency.

If you have questions on this proposal, feel free to contact Sam Godfrey at your convenience by email at [sgodfrey@samco-leakservice.com](mailto:sgodfrey@samco-leakservice.com) or by phone at 512-751-5325. SAMCO will be in touch with you next week to arrange a follow-up conversation on the proposal.

Thank you for your consideration.

PRESENTED BY SAMCO LEAK DETECTION SERVICES, INC.:

By: \_\_\_\_\_

Sam Godfrey, President

\_\_\_\_\_

Date

AGREED TO AND ACCEPTED BY CUSTOMER:

By: \_\_\_\_\_

Authorized Agent for Customer

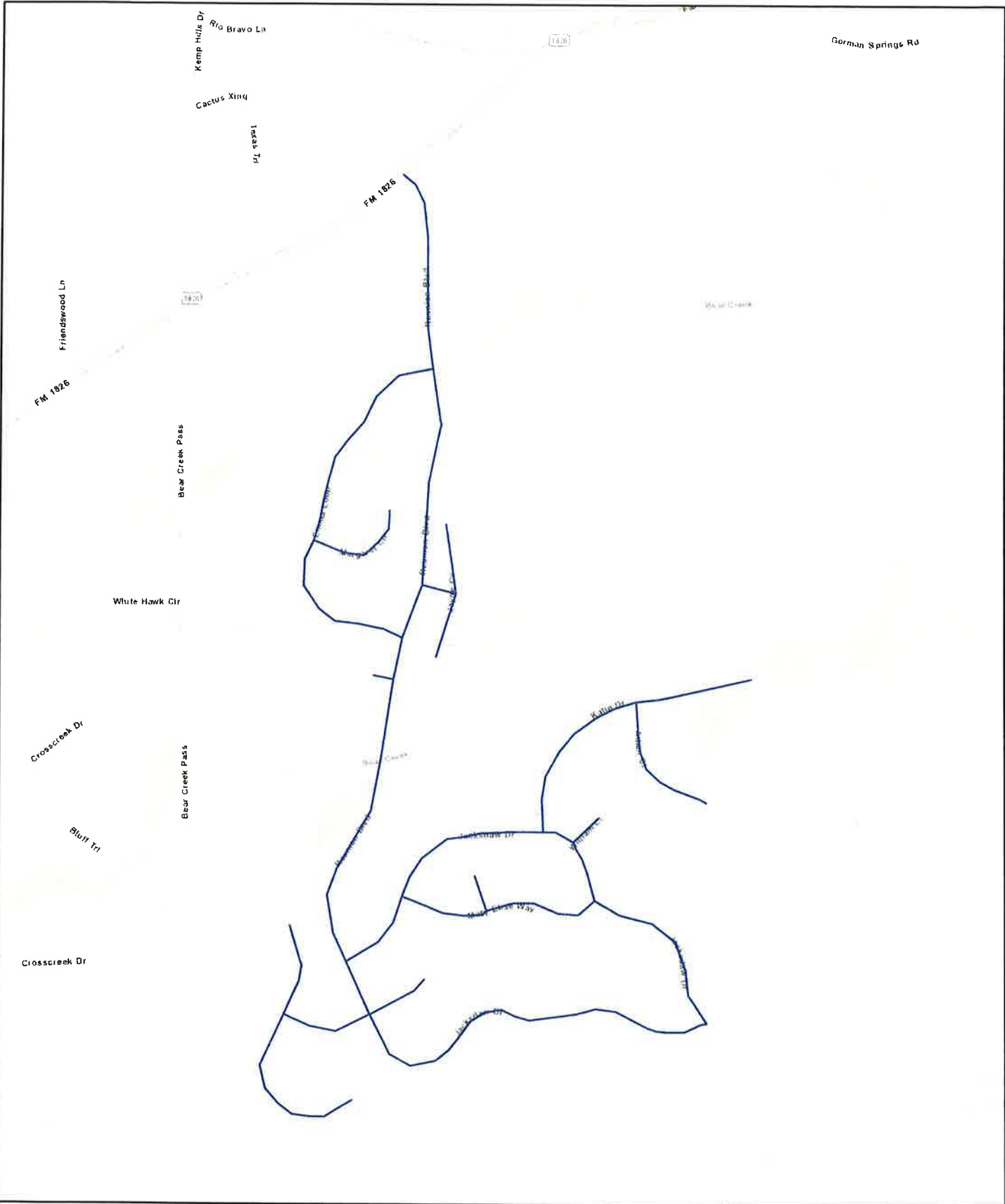
\_\_\_\_\_

Date

\_\_\_\_\_

Printed Name and Title





— RRWCID WL

**Inframark**  
**Renuion Ranch WCID**  
 Water Distribution System, 2022



Aquatic Features, Inc.

6611 Burnet Lane  
Austin, TX 78757

# Estimate

|           |            |
|-----------|------------|
| Date      | Estimate # |
| 3/18/2022 | 2963       |

| Name / Address  |
|---|
| Reunion Ranch MUD<br>c/o Inframark<br>14050 Summit Drive<br>Austin TX 78728 |

|  |     |              | Project           |
|--|-----|--------------|-------------------|
| Description  | Qty | Cost         | Total             |
| UN0602<br>AerMaster Ultimate Solar 1<br>EA<br>Whse: 000<br>1.000 0.000 1.000<br>EAU0452<br>Electric Aerator Sound Kit<br>EA<br>Whse: 000<br>1.000 0.000 1.000<br>VAL0258<br>Manifold 2-valves 5/8" (Small)<br>EA<br>Whse: 000<br>1.000 0.000 1.000<br>ARS0387<br>Self-Sink Single diffuser 5/8"<br>EA<br>Whse: 000<br>2.000 0.000 1.000<br>ARL0303<br>100' 5/8" ID weighted airline<br>EA<br>Whse: 000 | 1   | 5,637.00     | 5,637.00          |
| Cross Beam and Postcross beam and vertical pipe 4" nominal 4.5"<br>O.D. Steel Pipe w/2 cuts, 21 ft-  | 1   | 604.00       | 604.00            |
| Labor: trenching and assembly  | 1   | 800.00       | 800.00            |
| Shipping   | 1   | 310.00       | 310.00            |
| Travis sales tax   |     | 8.25%        | 0.00              |
|  |     | <b>Total</b> | <b>\$7,351.00</b> |

Customer Signature \_\_\_\_\_



|             |                |
|-------------|----------------|
| Client Name |                |
| Contact     |                |
| Site Name   | Mary Elies Way |
| Address     |                |
| Date        | 3/18/2022      |
| Designer    | Joe Forman     |

| System Requirements   | Aeration System   | Weighted Airline   | Diffusers  | Other Equipment   |
|---|---|--|--|---|
| <b>Ultimate 1</b><br>Compressor:<br>1/4hp Gast Rocking Piston<br>CFM Output:<br>2.2<br>Solar Panels:<br>(3) 330w Solar panels<br>39" wide x 77.5" long / each<br>Cooling:<br>(2) 4" Fans<br>Sound Kit:<br>Cabinet Insulation, Mounting Pad, Fan Suppressor<br>Cover Included<br>Solar Racking:<br>PM-3 rack Included<br>Customer to provide (1) 125" crossbeam.<br>Customer to provide (1) vertical pipe to hold the<br>crossbeam.<br>Customer Provided Vertical/Crossbeam Notes:<br>4" nominal, 4.5" O.D. schedule 40 (.225") steel pipe for<br>both the vertical main pipe and horizontal cross beam.<br>The main vertical pipe length can vary depending on<br>soil, desired height, and ability to landscape<br>underneath panels.<br>On average, the pipes measure 7' with 3' in the ground. | Ultimate 1<br> | 5/8" Weighted Airline<br> | 9" Single w/ Sinking Base<br> |   |
|   | Notes<br>Sound Kit  | Total Length<br>200'   | Total Quantity<br>2  | Suggested Maintenance<br>*Replace Filters every 6 months* |



| Pond Turn Calculation                        |           |
|--|-----------|
| Surface Acres                                | 0.85      |
| Average Depth                                | 6         |
| Diffuser Placement Depth                     | 6         |
| GPM Per Air Station                          | 1,150     |
| Total Pond or Lake Volume (gallons)          | 1,661,840 |
| Area to be Aerated                           | 0.85      |
| Average Depth of Aerated Section             | 6         |
| Volume of Water in Aerated Section (gallons) | 1,661,840 |
| Aerator # of Hours/Day                       | 10        |
| # of Air Stations                            | 2         |
| CFM Per Air Station                          | 1.1       |
| GPM Daily                                    | 759,000   |
| # of Daily Turns of Aerated Section          | 0.46      |

Notes



# AerMaster Ultimate™ Solar Aerators

AerMaster Ultimate™ Solar Aerators are designed to aerate ponds and lakes where you want dependable performance for deeper or larger bodies of water. This system is built with the best components available and uses high pressure, high output compressors to move lots of air to where you need it most. This is a direct drive system that operates during the daylight hours and is designed to start earlier, run later and operate during moderately cloudy days giving you more run time than other battery free systems out there with total daily CFM that far exceeds all other solar aerators on the market.

## Technical Specifications

### Compressor & Cabinet

- Outdoor Water Solutions Quantum™ compressors in 3 different sizes
- Oil-less piston and hard coated aluminum cylinder with permanently lubricated bearings
- Aerates ponds up to 35'+ deep with a rocking piston design
- High quality aluminum cabinet with (2) circulating fans, oil filled pressure gauge and pressure relief valve

### Solar Panels and Mounting Hardware

- High output solar panels
- Pre-cut fabricated solar mounting racks to make installation easier
- Includes quick cable disconnects to make assembly much easier
- Customer will need to purchase mounting poles locally

## Models Available

### Accessories

- Heavy duty weighted airline. ½" ID standard. 5/8" airline is available for longer or deeper runs in 100' and 500' lengths.
- OWS Optimal Air™ Diffusers with self-weighted base. Much easier to install than other bases. No need to add sand or rock.
- Self-cleaning, low maintenance rubber membrane diffusers
- Optional noise reduction kit available

### Warranty

- 4 year Warranty on all Quantum compressors. Covers all pistons, bearing and major components.
- Warranty does not include wear items (piston cup, valves, etc.)
- Air filters must be cleaned or replaced every 6 months
- 5 year warranty on all diffusers, bases and airline
- 15 year warranty on solar panels
- Lifetime warranty against rust on all OWS aluminum cabinets

| System Components                | Ultimate 1 | Ultimate 2 | Ultimate 3 | Ultimate 4 | Ultimate 5 | Ultimate 6 | Ultimate 7 | Ultimate 8 | Ultimate 9 |
|----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Item #                           | SUN0602    | SUN0603    | SUN0604    | SUN0605    | SUN0606    | SUN0607    | SUN0608    | SUN0609    | SUN0610    |
| Recommended Pond Size            | Up to 1.5A | Up to 1A   | Up to 1.5A | Up to 2.5A | Up to 2A   | Up to 2.5A | Up to 4A   | Up to 3A   | Up to 4A   |
| Compressor Size                  | 1/4        | 1/4        | 1/4        | 1/2        | 1/2        | 1/2        | 3/4        | 3/4        | 3/4        |
| Rated Airflow @ 5 psi            | 2.2 CFM    | 2.2 CFM    | 2.2 CFM    | 4.3 CFM    | 4.3 CFM    | 4.3 CFM    | 6.0 CFM    | 6.0 CFM    | 6.0 CFM    |
| # of Solar Panels                | 3          | 3          | 3          | 4          | 4          | 4          | 6          | 6          | 6          |
| Custom Solar Panel Racking       | Yes        | Yes        | Yes        | Yes        | Yes        | Yes        | Yes        | Yes        | Yes        |
| Powder Coated Alum. Cabinet      | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| Cooling Fans with Guards         | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          |
| # of Valves & 14" Airline        | Custom     | 1          | 2          | Custom     | 2          | 3          | Custom     | 2          | 4          |
| Pressure Relief Valve            | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| Liquid Filled Pressure Gauge     | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          | 1          |
| Rolls of 100' - 1/2" Wtd Airline | 0          | 1          | 2          | 0          | 2          | 3          | 0          | 4          | 0          |
| Double Disc Diffuser             | 0          | 1          | 0          | 0          | 2          | 3          | 0          | 0          | 4          |
| Four Disc Diffuser               | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          |
| Rolls of 500' - 1/2" Wtd Airline | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
| Single Disc Diffuser             | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          |





Reunion Ranch WCID

362 Mary Elise Trail

Attn: Keyes Ronja



Cut a 5' wide path on the east side along access road that connects to the trail system, install 4" of Recycled Asphalt Millings to create a safe and easier access for pedestrians to the trail System.

\$6,875.00 + Tax

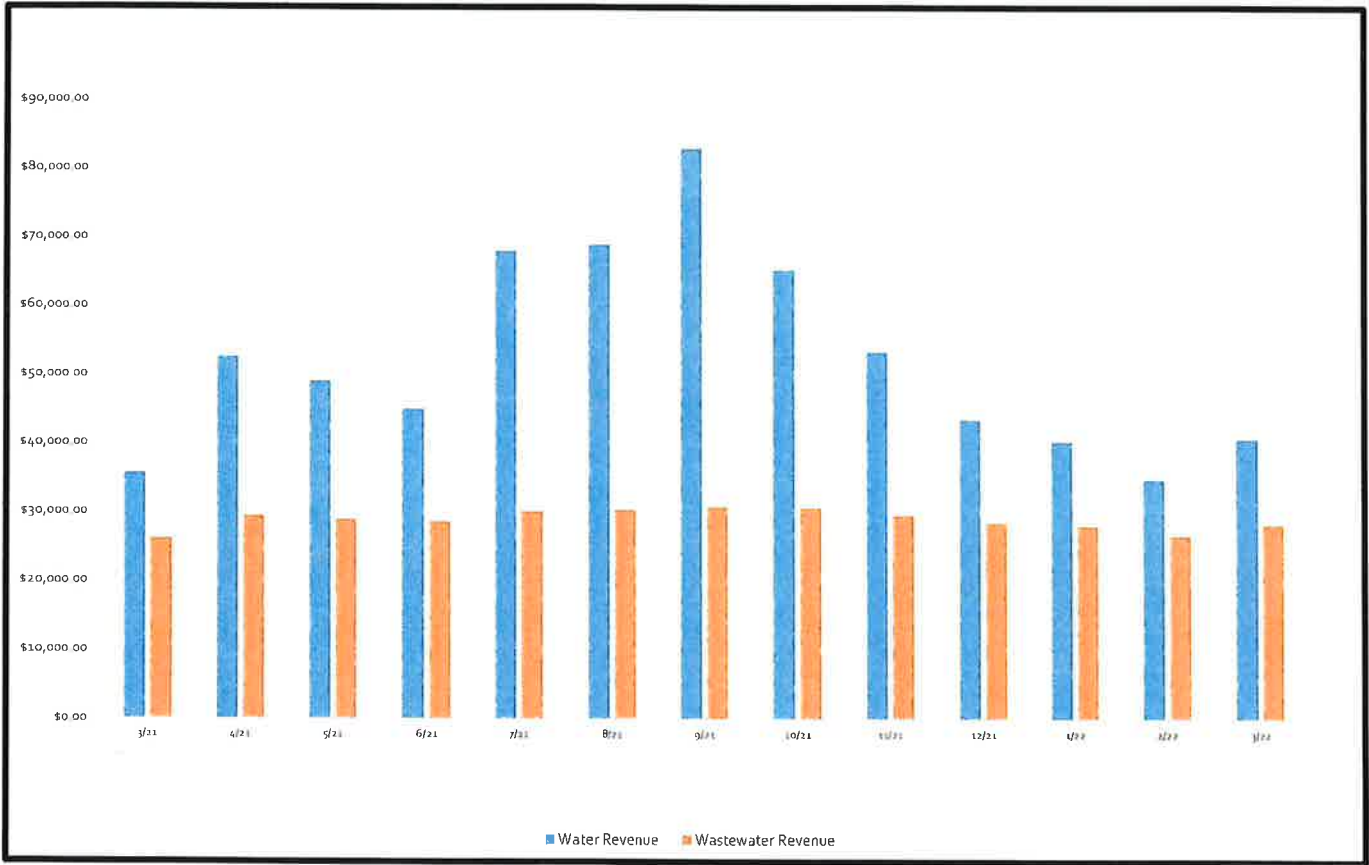


Billing Summary

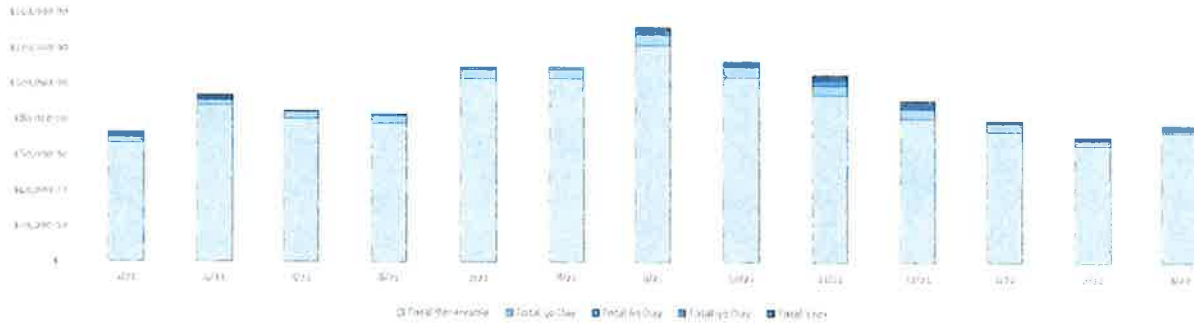
| Description                              | Connections                |                  | Variance         |
|--|----------------------------|------------------|------------------|
|  | Mar-21                     | Mar-22           |                  |
| Residential                              | 489                        | 511              | 22               |
| Commercial - HOA                         | 14                         | 16               |                  |
| Hydrant                                  | 0                          | -                | -                |
| Tracking                                 | 1                          | 1                | -                |
| Reclaimed                                | -                          | -                |                  |
| <b>Total Number of Accounts Billed</b>   | <b>504</b>                 | <b>528</b>       | <b>24</b>        |
|  |                            |                  |                  |
|  | <b>Consumption</b>         |                  |                  |
| Residential                              | 3,419,000                  | 4,169,000        | 750,000          |
| Commercial - HOA                         | 447,000                    | 844,000          | 397,000          |
| Hydrant                                  | -                          | -                | -                |
| Tracking                                 | -                          | 4,000            | 4,000            |
| Reclaimed                                | -                          | -                |                  |
| <b>Total Gallons Consumed</b>            | <b>3,866,000</b>           | <b>5,017,000</b> | <b>1,151,000</b> |
|  |                            |                  |                  |
|  | <b>Average Consumption</b> |                  |                  |
| Residential                              | 6,992                      | 8,159            | 1,167            |
| Commercial - HOA                         | 31,929                     | 52,750           | -                |
| Hydrant                                  | 0                          | 0                | 500              |
| Tracking                                 | -                          | 4,000            | 4,000            |
| Reclaimed                                | -                          | -                | -                |
| <b>Avg Water Use for Accounts Billed</b> | <b>7,670.63</b>            | <b>9,501.89</b>  | <b>1,831</b>     |
|  |                            |                  |                  |
| Total Billed                             | 63,168                     | 70,571           | 7,403            |
| Total Aged Receivables                   | 3,422                      | 267              | (3,155)          |
| <b>Total Receivables</b>                 | <b>66,590</b>              | <b>70,837</b>    | <b>4,248</b>     |



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+  |
|----------------------------------|------------------|--------------|--------------|--------------|-------------|
| 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   |
| 6/21                             | \$ 77,784.01     | \$ 4,302.55  | \$ 438.49    | \$ 72.97     | \$ 150.00   |
| 7/21                             | \$ 102,933.47    | \$ 4,971.98  | \$ 1,167.63  | \$ 85.28     | \$ 150.00   |
| 8/21                             | \$ 102,933.47    | \$ 4,971.98  | \$ 1,167.63  | \$ 85.28     | \$ 150.00   |
| 9/21                             | \$ 121,915.16    | \$ 5,867.72  | \$ 2,597.16  | \$ 515.36    | \$ 883.24   |
| 10/21                            | \$ 103,732.02    | \$ 6,037.42  | \$ 874.22    | \$ 794.69    | \$ 1,284.78 |
| 11/21                            | \$ 94,061.57     | \$ 5,496.67  | \$ 2,920.03  | \$ 716.74    | \$ 2,046.95 |
| 12/21                            | \$ 80,792.28     | \$ 5,453.42  | \$ 971.26    | \$ 1,235.08  | \$ 2,288.73 |
| 1/22                             | \$ 73,152.76     | \$ 4,746.33  | \$ 356.70    | \$ 151.27    | \$ 719.81   |
| 2/22                             | \$ 65,574.16     | \$ 3,012.88  | \$ 864.41    | \$ 129.40    | \$ 751.62   |
| 3/22                             | \$ 72,918.47     | \$ 1,365.45  | \$ 1,195.73  | \$ 622.67    | \$ 1,000.48 |
| Board Consideration to Write Off | \$0.00           |              |              |              |             |
| Board Consideration Collections  | \$0.00           |              |              |              |             |
| Delinquent Letter Mailed         |                  | 8            |              |              |             |
| Delinquent Tags Hung             |                  | N/A          |              |              |             |
| Disconnects for Non Payment      |                  | N/A          |              |              |             |



**Water Production and Quality**

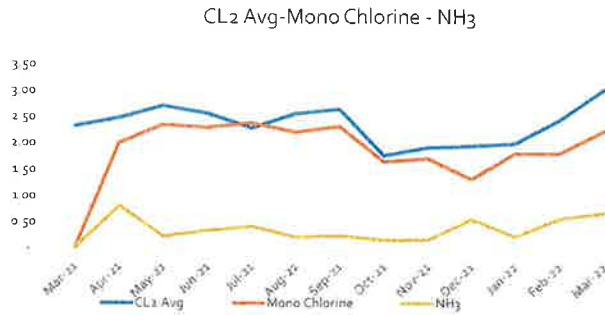
**Water Quality Monitoring**

**Current Annual Avg**

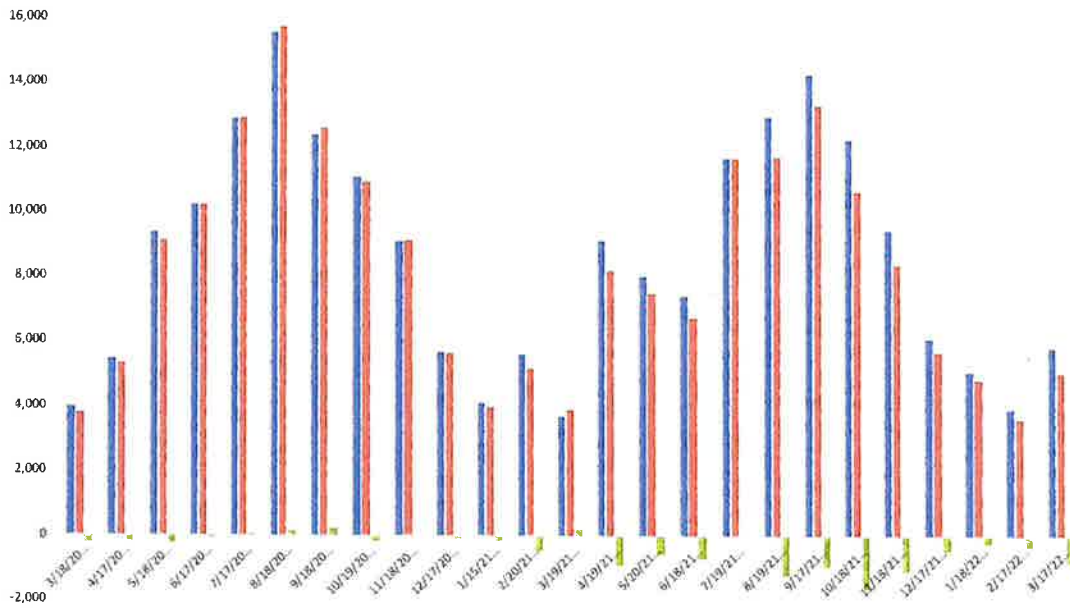
**2.36**

State Requirements Must Be Above .50

| Date   | CL2 Avg | Mono Chlorine | NH3  |
|--------|---------|---------------|------|
| Mar-21 | 2.32    | 0.00          | 0.00 |
| Apr-21 | 2.48    | 2.00          | 0.81 |
| May-21 | 2.71    | 2.35          | 0.23 |
| Jun-21 | 2.57    | 2.30          | 0.34 |
| Jul-21 | 2.29    | 2.38          | 0.42 |
| Aug-21 | 2.56    | 2.21          | 0.22 |
| Sep-21 | 2.64    | 2.32          | 0.24 |
| Oct-21 | 1.77    | 1.65          | 0.16 |
| Nov-21 | 1.92    | 1.71          | 0.17 |
| Dec-21 | 1.95    | 1.32          | 0.56 |
| Jan-22 | 2.00    | 1.81          | 0.23 |
| Feb-22 | 2.45    | 1.81          | 0.58 |
| Mar-22 | 3.02    | 2.24          | 0.68 |



### Water Accountability Report

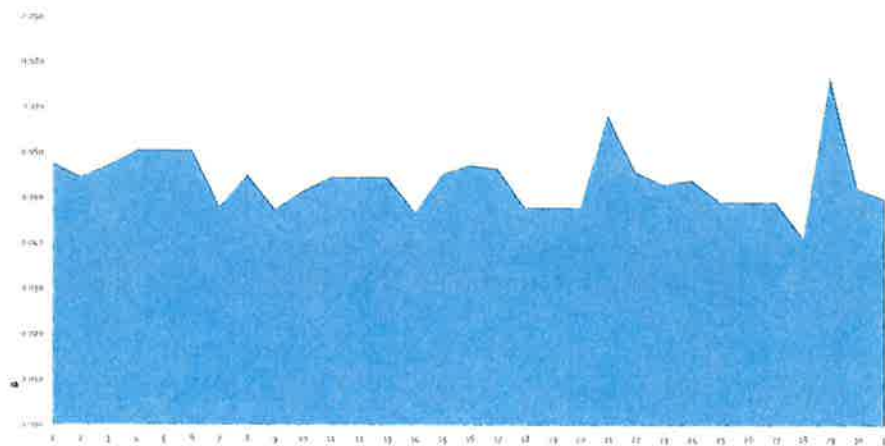


| Month        | Read Date | Number of Connections | Master Meters | Billed Use | Flushing /Other | Gal.s Loss (-) | % Loss  | Accounted For |
|--------------|-----------|-----------------------|---------------|------------|-----------------|----------------|---------|---------------|
| February 20  | 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%        |
| Month        | Read Date | Number of Connections | Master Meters | Billed Use | Flushing /Other | Gal.s Loss (-) | % Loss  | Accounted For |
| January 21   | 1/15/21   | 498                   | 4,118         | 3,998      | 7               | (113)          | -2.75%  | 97.25%        |
| February 21  | 2/20/21   | 502                   | 5,619         | 5,175      | 0               | (444)          | -7.90%  | 92.10%        |
| March 21     | 3/19/21   | 504                   | 3,695         | 3,920      | 15              | 240            | 6.49%   | 106.49%       |
| April 21     | 4/19/21   | 506                   | 9,134         | 8,227      | 5               | (902)          | -9.88%  | 90.12%        |
| May 21       | 5/20/21   | 506                   | 8,030         | 7,512      | 0               | (518)          | -6.45%  | 93.55%        |
| June 21      | 6/18/21   | 516                   | 7,447         | 6,752      | 7               | (688)          | -9.24%  | 90.76%        |
| July 21      | 7/19/21   | 519                   | 11,704        | 11,712     | 7               | 15             | 0.12%   | 100.12%       |
| August 21    | 8/19/21   | 523                   | 12,965        | 11,748     | 7               | (1,210)        | -9.33%  | 90.67%        |
| September 21 | 9/17/21   | 524                   | 14,381        | 13,352     | 11              | (1,018)        | -7.08%  | 92.92%        |
| October 21   | 10/18/21  | 526                   | 12,125        | 10,668     | 10              | (1,447)        | -11.94% | 88.06%        |
| November 21  | 11/18/21  | 527                   | 9,390         | 8,376      | 14              | (1,000)        | -10.65% | 89.35%        |
| December 21  | 12/17/21  | 528                   | 6,118         | 5,680      | 9               | (429)          | -7.01%  | 92.99%        |
| Month        | Read Date | Number of Connections | Master Meters | Billed Use | Flushing /Other | Gal.s Loss (-) | % Loss  | Accounted For |
| January 22   | 1/18/22   | 528                   | 5,080         | 4,842      | 13              | (225)          | -4.43%  | 95.57%        |
| February 22  | 2/17/22   | 528                   | 3,942         | 3,636      | 11              | (295)          | -7.48%  | 92.52%        |
| March 22     | 3/18/22   | 528                   | 5,847         | 5,064      | 9               | (774)          | -13.23% | 86.77%        |



Wastewater Production and Quality

Wastewater Flows for the Month of March



|                        |
|------------------------|
| For the Month of March |
|------------------------|

|                         |               |                |            |              |
|-------------------------|---------------|----------------|------------|--------------|
| Flow WWTP (Avg.)        | 0.08 MGD      | 0.054 MGD      | Yes        | <b>67.7%</b> |
| BOD (Avg)               | 20 mg/L       | 3.0 mg/L       | Yes        |              |
| TSS (Avg)               | 20 mg/L       | 1.3 mg/L       | Yes        |              |
| Chlorine Residual (Min) | 1.0 mg/L      | 1.4 mg/L       | Yes        |              |
| PH (Min)                | 6.0 Std Units | 7.29 Std Units | Yes        |              |
| PH (Max)                | 9.0 Std Units | 7.29 Std Units | <u>Yes</u> |              |

**Reunion Ranch WCID Wastewater Flow Historical**

\*Water Leak at Rec Center

|               | Connections | Total Flows       | Average          | Avg Flow Per Connection | WWTP Capacity % |
|---------------|-------------|-------------------|------------------|-------------------------|-----------------|
| Mar-22        | 528         | 1,870,500         | 54,177           | 103                     | 68%             |
| Feb-22        | 528         | 1,838,800         | 58,530           | 111                     | 73%             |
| Jan-22        | 528         | 1,668,500         | 53,800           | 102                     | 67%             |
| <b>TOTALS</b> |             | <b>4,986,800</b>  | <b>55,502.33</b> | <b>105</b>              | <b>69%</b>      |
| Dec-21        | 528         | 1,736,000         | 56,000           | 106                     | 70%             |
| Nov-21        | 527         | 1,718,400         | 57,000           | 108                     | 71%             |
| Oct-21        | 526         | 1,689,800         | 55,000           | 105                     | 69%             |
| Sep-21        | 524         | 1,274,000         | 42,000           | 80                      | 84%             |
| Aug-21        | 523         | 1,457,000         | 47,000           | 90                      | 94%             |
| Jul-21        | 519         | 1,391,000         | 45,000           | 87                      | 90%             |
| Jun-21        | 516         | 1,387,000         | 46,000           | 89                      | 92%             |
| May-21        | 506         | 1,370,000         | 44,000           | 87                      | 88%             |
| Apr-21        | 506         | 1,189,000         | 40,000           | 79                      | 80%             |
| Mar-21        | 504         | 1,472,000         | 48,000           | 95                      | 96%             |
| Feb-21        | 502         | 1,234,000         | 44,000           | 88                      | 88%             |
| Jan-21        | 498         | 1,840,000         | 53,000           | 106                     | 106%            |
| <b>TOTALS</b> |             | <b>17,558,200</b> | <b>48,083.33</b> | <b>93</b>               | <b>86%</b>      |
| Dec-20        | 498         | 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         | 1,881,000         | 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%             |
| <b>TOTALS</b> |             | <b>17,578,000</b> | <b>47,991.67</b> | <b>103</b>              | <b>95%</b>      |



**Open Work Orders for Pond maintenance & repair:**

| <b>WO#:</b> | <b>Location:</b>       | <b>Work scheduled:</b>   |
|-------------|------------------------|--|
| 2461680     | Mary Elise Way, DP 2-2 | Small Erosion issue, hole forming by Inlet – work has started        |
| 2461783     | Jacksdaw Dr, DP 3-3    | Erosion issue at embankment of Pond – work has started               |
| 2751858     | Jacksdaw Dr, DP 3-1    | Investigate/repair washout in Bull rock, remove damaged silt fencing |
| 2825736     | Jacksdaw Dr, DP 3-3    | Close gate and add lock  |
| 2828530     | Mary Elise Way, DP 2-2 | Remove dirt pile from embankment                                     |
| 2828597     | Katie Dr, DP 2-4       | Repair ruts and erosion, clear vegetation from outfall pipe          |

### Completed Work Orders for Pond maintenance and repair:

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

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



**STORMWATER POND INSPECTION  
WET PONDS**

DISTRICT: REUNION RANCH

DATE: 3/21/2022

WO #: 2797913

TECH.: TAMMY YBARRA

|  |                      |
|--|----------------------|
| Pond Location  | WQP 2-2 (MARY ELISE) |
| Pond water level?  | FULL                 |
| 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?         | YES                  |
| Erosion present at shoreline?                                | YES                  |
| Erosion occurring around the inlets or outlet structures?    | YES                  |
| 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:

**DIRT PILE ON ENBANKMENT - WO 282530**





**STORMWATER POND INSPECTION  
WET PONDS**

**DISTRICT: REUNION RANCH**

**DATE: 3/18/2022**

**WO #: 2797913**

**TECH.: TAMMY YBARRA**

|   |                                    |
|---|------------------------------------|
| <b>Pond Location</b>  | WQP 2-3 (ACROSS 249 REUNION RANCH) |
| <b>Pond water level?</b>  | FULL                               |
| <b>Inlets in good structural condition?</b>                         | YES                                |
| <b>Inlets clear of accumulated sediment or debris?</b>              | YES                                |
| <b>Trash found at site?</b>   | NO                                 |
| <b>Sinkhole, cracks or seeps visible in the embankment?</b>         | NO                                 |
| <b>Erosion present at shoreline?</b>                                | NO                                 |
| <b>Erosion occuing around the inlets or outlet structures?</b>      | NO                                 |
| <b>Discharge valve open operational?</b>                            | N/A                                |
| <b>Condition of vegetation around the out fall pipe?</b>            | GOOD                               |
| <b>Excessive algae blooms present?</b>                              | NO                                 |
| <b>Invasive plants present?</b>                                     | NO                                 |
| <b>Trees or woody vegetation present on the dam or embankment?</b>  | NO                                 |
| <b>Sediment has accumulated and reduced the volume of the pond?</b> | NO DATA                            |

**COMMENTS:** POND LOOKS GOOD



I:\OPS-MNT\Districts\Reunion Ranch WCID (RRWCID)\Pond & EC Reports\2022\03 Mar\Ponds\Pond Report



**STORMWATER POND INSPECTION  
SAND FILTER SYSTEM**

DISTRICT: REUNION RANCH

DATE: 3/21/2022

WO #: 2797913

TECH.: TAMMY YBARRA

|  |                            |
|--|----------------------------|
| Pond Location  | WQP 2-4 (END OF KATIE)     |
| Pond water level   | WET                        |
| Does the pond drain within 48 hours?   | YES                        |
| Sediment depth in the forbay?  | WET                        |
| Sediment depth in the sand filter area?  | WET                        |
| Trash found at site?   | WET                        |
| Is vegetation below 18" in height?   | NO                         |
| Trees or brush found in basin area?  | YES                        |
| Condition of the media?  | GOOD - HAS SOME RUTS       |
| Condition of vegetation around the out fall pipe   | GOOD - HAS SOME VEGETATION |
| 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  | GOOD - HAS WATER           |
| Emergency bypass valve closed and operational  | N/A                        |
| Are all inlets in area clear of debris and sediment?   | YES                        |

COMMENTS: EMBANKMENT HAS EROSION



I:\OPS-MW\Operations\Reunion Ranch\WCO\2022\03\21\2022\2797913\MW\Pond\Report



**STORMWATER POND INSPECTION  
WET PONDS**

DISTRICT: REUNION RANCH

DATE: 3/21/2022

WO #: 2797913

TECH.: TAMMY YBARRA

|  |                                     |
|--|-------------------------------------|
| Pond Location  | WQP 3-1 (BEHIND 3105 REUNION RANCH) |
| Pond water level?  | FULL                                |
| Inlets in good structural condition?                         | YES                                 |
| Inlets clear of accumulated sediment or debris?              | NO                                  |
| Trash found at site?   | NO                                  |
| Sinkhole, cracks or seeps visible in the embankment?         | YES - FROM INLET TO BOULDER AREA    |
| Erosion present at shoreline?                                | YES                                 |
| Erosion occuing 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 WASHOUT AND EROSION IN BOULDER AREA & CLEAR SEDIMENT - WO 2751858



I:\OPS-SMT\GIS\Projects\Reunion Ranch WQO (2019)\CIP\Final & CC Plans\032020\_Mat\Final\Pond Report



**STORMWATER POND INSPECTION  
WET PONDS**

DISTRICT: REUNION RANCH

DATE: 3/18/2022

WO #: 2773843

TECH.: TAMMY YBARRA

|   |                                     |
|---|-------------------------------------|
| <b>Pond Location</b>  | WQP 3-3 (Behind 3142 Reunion Ranch) |
| <b>Pond water level?</b>  | FULL                                |
| <b>Inlets in good structural condition?</b>                         | N/A                                 |
| <b>Inlets clear of accumulated sediment or debris?</b>              | N/A                                 |
| <b>Trash found at site?</b>   | NO                                  |
| <b>Sinkhole, cracks or seeps visible in the embankment?</b>         | YES                                 |
| <b>Erosion present at shoreline?</b>                                | YES                                 |
| <b>Erosion occuing around the inlets or outlet structures?</b>      | N/A                                 |
| <b>Discharge valve open operational?</b>                            | YES                                 |
| <b>Condition of vegetation around the out fall pipe?</b>            | OKAY                                |
| <b>Excessive algae blooms present?</b>                              | NO                                  |
| <b>Invasive plants present?</b>                                     | NO                                  |
| <b>Trees or woody vegetation present on the dam or embankment?</b>  | NO                                  |
| <b>Sediment has accumulated and reduced the volume of the pond?</b> | NO DATA                             |

**GATE OPEN/NEEDS LOCK - WO 285736**  
**EROSION ON EMBANKMENT - WO 2461783**

COMMENTS:



\\NFPS-MNTD\env\reunion\_ranch\WQI\WQI\WQI\_Pond & EC\_Report\202203\_MarPondPond\_Report





**STORMWATER POND INSPECTION  
WET PONDS**

DISTRICT: REUNION RANCH

DATE: 3/18/2022

WO #: 2773843

TECH.: TAMMY YBARRA

|  |                                     |
|--|-------------------------------------|
| Pond Location  | WQP 3-3 (Behind 3142 Reunion Ranch) |
| Pond water level?  | FULL                                |
| Inlets in good structural condition?                         | N/A                                 |
| Inlets clear of accumulated sediment or debris?              | N/A                                 |
| 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?    | N/A                                 |
| Discharge valve open operational?                            | YES                                 |
| Condition of vegetation around the out fall pipe?            | OKAY                                |
| 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: GATE OPEN/NEEDS LOCK - WO 285736  
EROSION ON EMBANKMENT - WO 2461783



I:\OPS\AM\PD\Inlets\Reunion Ranch\WQID (RR\WQID)\Pond & EC Reports\2022\03\_Mar\Pond&Pond Report

| Pond Maintenance Report  |  | Reunion Ranch Blvd |            |            |     |     |     |     |     |     |     |     |     |
|--|--|--------------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Aquatic Features, Inc.<br>6611 Burnet Lane<br>Austin, TX 78757 |  |                    |            |            |     |     |     |     |     |     |     |     |     |
| Service Dates  |  | 13th,24th          | 1st,22nd   | 10th,24th  |     |     |     |     |     |     |     |     |     |
|  |  | Jan                | Feb        | Mar        | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1) Debris and litter removal                                   |  | 40 Gal             | 40 Gallons | 40 Gallons |     |     |     |     |     |     |     |     |     |
| 2) Vegetation condition for water quality                      |  | Good               | Good       | Good       |     |     |     |     |     |     |     |     |     |
| 3) Control of Nuisance Vegetation- Chemical Applications       |  | Yes                | None       | Yes        |     |     |     |     |     |     |     |     |     |
| Algae  |  | Yes                | None       | Yes        |     |     |     |     |     |     |     |     |     |
| Marginal/Shore Plants  |  | None               | None       | None       |     |     |     |     |     |     |     |     |     |
| Submerged Plants   |  | None               | None       | None       |     |     |     |     |     |     |     |     |     |
| Invasives: Mosquite, Willow, Salt Cedar                        |  | None               | None       | None       |     |     |     |     |     |     |     |     |     |
| 4) Vegetation removal or request for removal                   |  | None               | None       | None       |     |     |     |     |     |     |     |     |     |
| 5) Monitor slopes inside, top and outside pond banks           |  | Good               | Good       | Good       |     |     |     |     |     |     |     |     |     |
| 6) Monitor Inlet and Outlet and Concrete Ramps Structures      |  | Good               | Good       | Good       |     |     |     |     |     |     |     |     |     |
| Sedimentation build up   |  | Present            | Present    | Present    |     |     |     |     |     |     |     |     |     |
| 7) Monitor fountain  |  |                    |            |            |     |     |     |     |     |     |     |     |     |
| Control panel timers, float, lights, cable, moorings           |  |                    |            |            |     |     |     |     |     |     |     |     |     |
| 8) Mosquito fish   |  | Present            | Present    | Present    |     |     |     |     |     |     |     |     |     |
| 9) Unusal occurences and Notes                                 |  | See Note 1         | See Note 1 | See Note 1 |     |     |     |     |     |     |     |     |     |

Note 1: Considerable increase in trash with new construction of houses taking place near pond.

| Pond Maintenance Report  |            | Reunion Ranch Jackdaw |            |     |     |     |     |     |     |     |     |     |  |
|--|------------|-----------------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Aquatic Features, Inc.<br>6611 Burnet Lane<br>Austin, TX 78757 |            |                       |            |     |     |     |     |     |     |     |     |     |  |
| Service Dates  | 13th,24th  | 1st,22nd              | 10th,24th  |     |     |     |     |     |     |     |     |     |  |
|  | Jan        | Feb                   | Mar        | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |  |
| 1) Debris and litter removal                                   | 10 gallons | 15 Gallons            | 20 Gallons |     |     |     |     |     |     |     |     |     |  |
| 2) Vegetation condition for water quality                      | Good       | Good                  | Good       |     |     |     |     |     |     |     |     |     |  |
| 3) Control of Nuisance Vegetation- Chemical Applications       | Yes        | Yes                   | Yes        |     |     |     |     |     |     |     |     |     |  |
| Algae  | Yes        | Yes                   | Yes        |     |     |     |     |     |     |     |     |     |  |
| Marginal/Shore Plants  | None       | None                  | None       |     |     |     |     |     |     |     |     |     |  |
| Submerged Plants   | None       | None                  | None       |     |     |     |     |     |     |     |     |     |  |
| Invasives: Mosquite, Willow, Salt Cedar                        | None       | None                  | None       |     |     |     |     |     |     |     |     |     |  |
| 4) Vegetation removal or request for removal                   | None       | None                  | None       |     |     |     |     |     |     |     |     |     |  |
| 5) Monitor slopes inside, top and outside pond banks           | Good       | Good                  | Good       |     |     |     |     |     |     |     |     |     |  |
| 6) Monitor Inlet and Outlet and Concrete Ramps Structures      | Good       | Good                  | Good       |     |     |     |     |     |     |     |     |     |  |
| Sedimentation build up   | Present    | Present               | Present    |     |     |     |     |     |     |     |     |     |  |
| 7) Monitor fountain  |            |                       |            |     |     |     |     |     |     |     |     |     |  |
| Control panel timers, float, lights, cable, moorings           |            |                       |            |     |     |     |     |     |     |     |     |     |  |
| 8) Mosquito fish   | Present    | Present               | Present    |     |     |     |     |     |     |     |     |     |  |
| 9) Unusal occurences and Notes                                 | None       | None                  | None       |     |     |     |     |     |     |     |     |     |  |

| Pond Maintenance Report  |               | Reunion Ranch Windmill |            |            |     |     |     |     |     |     |     |     |     |     |     |     |
|--|---------------|------------------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Aquatic Features, Inc.<br>6611 Burnet Lane<br>Austin, TX 78757 |               |                        |            |            |     |     |     |     |     |     |     |     |     |     |     |     |
|  | Service Dates | 13th,24th              | 1st,22nd   | 10th,24th  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|  |               | Jan                    | Feb        | Mar        | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |     |     |     |
| 1) Debris and litter removal                                   |               | 10 gallons             | 15 Gallons | 40 Gallons |     |     |     |     |     |     |     |     |     |     |     |     |
| 2) Vegetation condition for water quality                      |               | Good                   | Good       | Good       |     |     |     |     |     |     |     |     |     |     |     |     |
| 3) Control of Nuisance Vegetation- Chemical Applications       |               | Yes                    | None       | None       |     |     |     |     |     |     |     |     |     |     |     |     |
| Algae  |               | Yes                    | None       | None       |     |     |     |     |     |     |     |     |     |     |     |     |
| Marginal/Shore Plants  |               | None                   | None       | None       |     |     |     |     |     |     |     |     |     |     |     |     |
| Submerged Plants   |               | None                   | None       | None       |     |     |     |     |     |     |     |     |     |     |     |     |
| Invasives: Mosquito, Willow, Salt Cedar                        |               | None                   | None       | None       |     |     |     |     |     |     |     |     |     |     |     |     |
| 4) Vegetation removal or request for removal                   |               | None                   | None       | None       |     |     |     |     |     |     |     |     |     |     |     |     |
| 5) Monitor slopes inside, top and outside pond banks           |               | Good                   | Good       | Good       |     |     |     |     |     |     |     |     |     |     |     |     |
| 6) Monitor inlet and Outlet and Concrete Ramps Structures      |               | Good                   | Good       | Good       |     |     |     |     |     |     |     |     |     |     |     |     |
| Sedimentation build up   |               | Present                | Present    | Present    |     |     |     |     |     |     |     |     |     |     |     |     |
| 7) Monitor fountain  |               |                        |            |            |     |     |     |     |     |     |     |     |     |     |     |     |
| Control panel timers, float, lights, cable, moorings           |               |                        |            |            |     |     |     |     |     |     |     |     |     |     |     |     |
| 8) Mosquito fish   |               | Present                | Present    | Present    |     |     |     |     |     |     |     |     |     |     |     |     |
| 9) Unusual occurrences and Notes                               |               | None                   | None       | None       |     |     |     |     |     |     |     |     |     |     |     |     |



Aquatic Features, Inc.  
6611 Burnet Lane  
Austin, TX 78757  
512/301-3199

### Reunion Ranch Retention Ponds Sediment Survey

Aquatic Features, Inc surveyed the depth of the sediment located in the forebay and main bay of each of the retention ponds in Reunion Ranch on March 23.

The ponds sampled for sediment are:

Pond One- Reunion Ranch Blvd x Delane Way pond

Pond Two- Mary Elise Way pond

Pond Three- Jacksaw Drive- North (larger) pond- below drainage from Mary Elise

Pond Four- Jacksaw Drive- South (smaller) pond

The ponds were sampled out of a kayak with a calibrated PVC pole and a specialized disk. The water column was measured from the pond surface to the sediment surface and from the pond surface to the pond bottom. The difference between the two readings is the depth of the sediment.

The results are indicated in Table 1.

The area of each pond that had sediment is indicated in a diagram for each pond.

In summary, there is very little sediment in each pond. The pond with the most sediment is Mary Elise Way pond two. The quantity of sediment is six yards spread out over an area that is 30 x 50 feet. Typically, a contractor who is hired to remove the sediment does not remove the three to four inches over the top of the liner as to avoid puncturing the clay liner. The ponds forebays or main bays do not need to be dredged at this time.

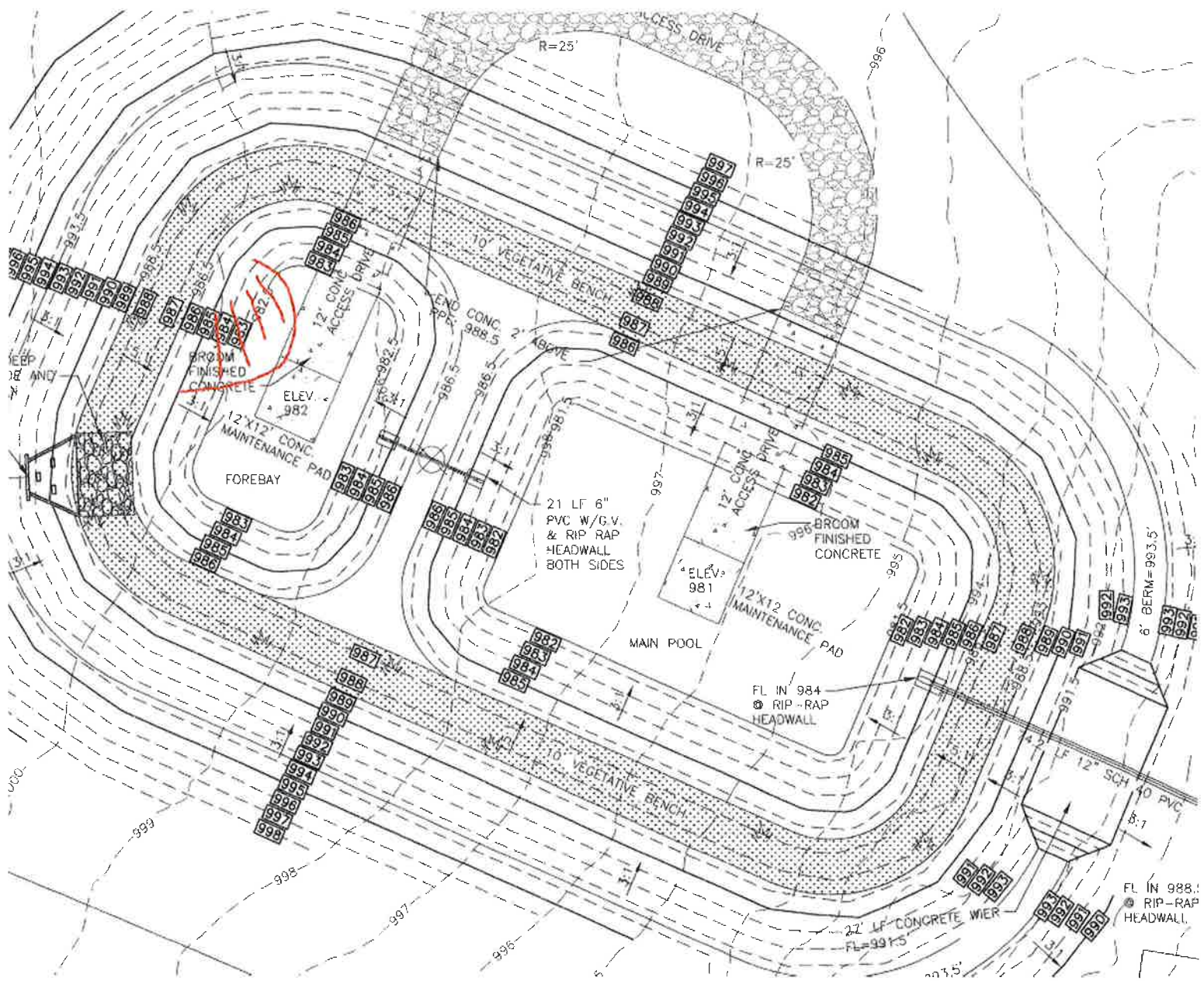
Note: There is scouring/channeling of sediment beginning to take place on the South side of the inlet where the boulders are holding down a steep slope at the Jacksaw Drive- North pond- pond three.

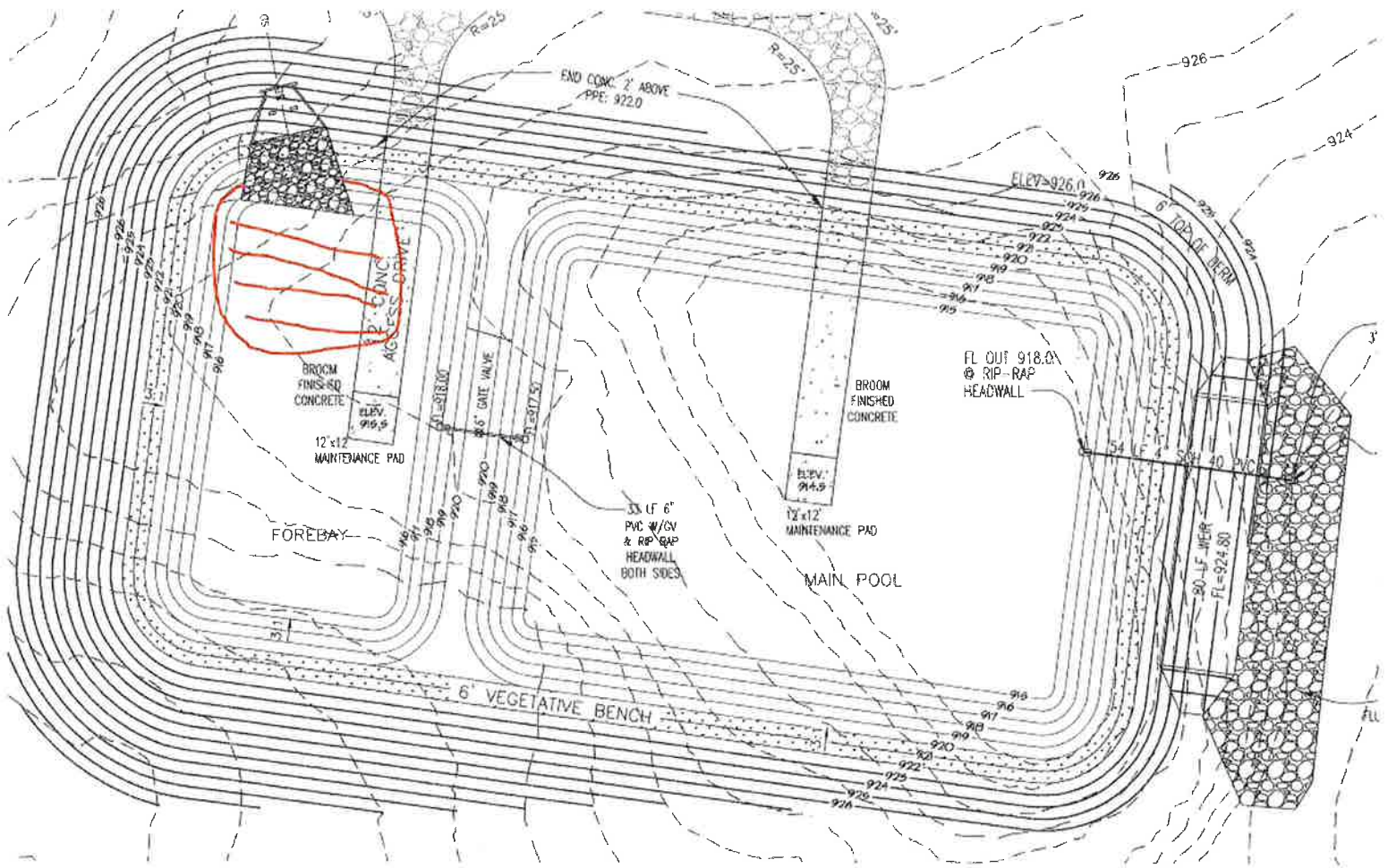
| Table 1   |                                     |                       |                                |                               |                                      |                       |                                |                               |                                      |   |                               |    |
|---|-------------------------------------|-----------------------|--------------------------------|-------------------------------|--------------------------------------|-----------------------|--------------------------------|-------------------------------|--------------------------------------|---|-------------------------------|----|
| Pond bottom sediment survey Reunion Ranch MUD- 03/24/2022 |                                     |                       |                                |                               |                                      |                       |                                |                               |                                      |   |                               |    |
| Pond  | Location                            | Readings #<br>Forebay | Depth of<br>Sediment<br>Inches | Area of<br>Sediment<br>SQ Yds | Quantity of<br>Sediment<br>cubic yds | Readings #<br>Forebay | Depth of<br>Sediment<br>Inches | Area of<br>Sediment<br>SQ yds | Quantity of<br>Sediment<br>cubic yds |   |                               |    |
|   |                                     |                       |                                |                               |                                      |                       |                                |                               |                                      | 1 | Delayne Dr. and Reunion Blvd. | 24 |
| 2   | Mary Eliss Wy                       | 40                    | 4                              | 15                            | 1.7                                  | 20                    | 1                              | 0                             | 0.0                                  |   |                               |    |
| 3   | Jacksdaw Drive- below Mary Elis Way | 40                    | 2                              | 6                             | 0.3                                  | 20                    | 1                              | 0                             | 0.0                                  |   |                               |    |
| 4   | Jacksdaw Drive- No. 2               | 20                    | 2                              | 3                             | 0.2                                  | 15                    | 1                              | 0                             | 0.0                                  |   |                               |    |












|  |              | <b>03/01/2022 Erosion Control Inspection Report</b> |      |                  |                |
|---|--------------|---|------|------------------|----------------|
| <b>Operator: PHILIP KEYES</b>   |              |   |      |                  |                |
| OWNER   | ADDRESS      | VIOLATION   | PIC# | VIOLATION NUMBER | AMOUNT OF FINE |
| SMITH SCOTT   | 3147 Reunion | ECM - Green Belt                                    | 1    | 1                | \$0            |
| SMITH ALYSON  |              |   |      |                  |                |
| <a href="mailto:SMITH_WORKS@HOTMAIL.COM">SMITH_WORKS@HOTMAIL.COM</a>              |              |   |      |                  |                |

**LEGEND**

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


**Fines may be levied per lot, per day**

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

**Inframark CONTACTS:**

Ronja Keyes 281-608-4361



|   |   |             |                         |                       |
|---|---|-------------|-------------------------|-----------------------|
|  | <b>03/30/2022 Erosion Control Inspection Report</b> |             |                         |                       |
|   | <b>HEYL / Operator: PHILIP KEYES</b>                |             |                         |                       |
| <b>Reunion Ranch</b>  | <b>VIOLATION</b>                                    | <b>PIC#</b> | <b>VIOLATION NUMBER</b> | <b>AMOUNT OF FINE</b> |
| 559 DEYLANE   | RSF   | 1           | 1                       |                       |
| 567 DEYLANE   | ECM - UNPROTECTED DIRT PILE                         | 2           | 1                       |                       |
| 567 DEYLANE   | ECM - UNPROTECTED DIRT PILE                         | 3           | 1                       |                       |
|   |   |             |                         |                       |

**LEGEND**

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

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

**Inframark CONTACTS:**  
Ronja Keyes 281-608-4361

