

**Agenda Item: #9 Public Hearing
Trinity Oasis LLC
dba: JH Dozer & Materials LP
Permit Amendment Application**

Staff Report
Application for an Amendment to Existing Operating Permit
N2-13-002P



Applicant/Owner: Trinity Oasis LLC (dba: JH Dozer & Materials LP)
 c/o Mr. Hector Hernandez
 12495 Reeds Lake Loop
 Temple, TX 76501
 (245)721-8799

Location of Well:

120-acre tract located at 12495 Reeds Lake Loop, Temple TX 76501, to produce groundwater for beneficial use for the purpose of mining and crushing aggregates.

Latitude 30.961168°,
 Longitude -97.30909°

<p>Proposed Annual Withdrawal:</p> <p>Rate : @ 1100 gpm</p> <p>Withdrawal/Well: <i>Increase of 205.8-acre ft/yr</i> <i>or</i> <i>67,060,136 gallons/yr</i> <i>to an existing permit of 73.2 acre-ft/year</i></p>	<p>Proposed Use</p> <p>Mining & Crushing Aggregates</p>	<p>Aquifer:</p> <p>Hosston Layer of the Trinity Aquifer (known as the Lower Trinity)</p>	<p>Nearest Existing Wells:</p> <p>Total: 1 wells @ 1/4 mile 3 wells @ 1/2 mile.</p> <hr/>
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General Information

Trinity Oasis LLC (dba JH Dozer & Materials LP) represented by Mr. Hector Hernandez, has made application to the Clearwater Underground Water Conservation District (CUWCD) on August 24, 2021, for an amendment to an existing operating permit of 73.2 ac-ft feet to authorize additional production of 205.8 ac-ft/yr of groundwater thus the proposed permit is not to exceed 279 ac-ft (90,915,549 gallons) per year from the existing well (N2-13-002P) completed in the Hosston Layer of Trinity aquifer to produce water for beneficial industrial use for mining and crushing aggregates.

CUWCD well #N2-13-002P is completed to 2,845 feet below land surface, screened in the Hosston Layer of the Trinity Aquifer at approximately 2170-2829 feet below land surface. The well is equipped with a maximum 8-inch column pipe for a submersible pump rated at 1100 gallons per minute on the 120-acre tract located at 12495 Reeds Lake Road, Temple, TX 76501, Latitude

30.961168°, Longitude -97.30909° to produce groundwater for beneficial industrial use for mining & crushing aggregates.

Trinity Oasis LLC (dba JH Dozer & Materials LP) is proposing this amendment to their existing operating permit with special provisions that allow permitted groundwater production on property owned that totals 120-acres. The operator currently is required to meter and report production monthly to CUWCD. In addition, the applicant has installed an observation tremie tube inside the well casing to the pump depth, for monthly static water level measurements. CUWCD does monitor aquifer conditions and static water levels monthly at this site.

Trinity Oasis LLC did request and received an Emergency Operation Permit (EOP) on August 1, 2021, for emergency use of groundwater not to exceed 189.4 ac-ft prior to October, 2021, per District Rule 6.11 Emergency Authorization. Applicant was notified if failure to abide by District/State rules and special provisions of issuance in the EOP, will subject this agreement to revocation.

Well owner did agree to submit said application for a permit amendment in accordance with District Rule 6.11 (Emergency Order Authorizing Temporary Non-Exempt Production for Demonstration of Need). The application was administratively complete on August 25, 2021, and the application to the Board will occur on October 13, 2021, thus meeting the 75 day time limit under District Rule 6.11(b). Special provisions will be discussed with the applicant prior to going to Public Hearing on October 13, 2021.

If approved the operating permit is renewable annually by CUWCD staff, unless the permittee fails to meet all required reporting, and/or other special agreed upon provisions. The applicant understands that they must comply with district rules should conditions of the Lower Trinity Aquifer merit curtailment of all permit holders in accordance with district rules and Chapter 36 necessary to meet the DFC under statutory requirements.

CUWCD consulting hydrogeologist, Mike Keester LRE Water LLC, has reviewed the application and has conducted the required drawdown analysis per district rules.
(see attached Keester Geoscience Evaluation)

JHM LP does have the required TCEQ Permits in place and filed with the district (see attached).

- TCEQ Stormwater Pollution Plan (TCEQ SWP3) with NPDES general permit #TXR050000,
- JHM Plot Plan & Drainage Map (Hill Country Environmental, Inc),
- Rainfall Record for the Site 2019 and 2020,
- TCEQ Required APO Registration #APO002305,
- EPA Spills Prevention, Control & Countermeasure plan known as SPCC Plan

Per Rules 6.9 and 6.10

In deciding whether or not to issue a permit, the Board must consider the following:

1. **Does the application contain all the information requested and is the application accurate? Does it meet spacing and production limitations identified by district rules and does it conform to all application requirements which include public notification and is accompanied by the prescribed fees? (Rule 6.10.24(a)(b), TWC 36.116(a)(1), TWC 36.113(d)(1) and Rule 6.9.1(b)(1)(2)**

Yes, the application is complete—all requested information has been provided. The application conforms to said rules with all required application fees. In addition, the applicant has met all notification requirements in a proper manner per district rules.

2) Is the proposed use of water dedicated to a beneficial use? (TWC 36.113(d)(3) and District Rule 6.10.24 (d)).

The water produced from the existing well will be used for mining operation and equipped to 1100 gpm/well (*see attached well design*) completed by the applicant in 2013. This does qualify as a beneficial use under district rules and Chapter 36.

3) Has the applicant agreed to avoid waste and achieve water conservation? (TWC 36.113(d)(6) and Rule 6.10.24(f))

The applicant has agreed to avoid waste and achieve water conservation by signing the application form stating compliance with the District's Groundwater Management Plan and "*agreed upon special permit provisions*" that included documentation that a site-plan for runoff containment which includes a prescribed retention pond is in place and functional. The applicant has notified the district the retention pond is currently being dredged and enhanced for increase in production. The engineered retention ponds are a part of the required TCEQ SWP3.

Keester in his analysis does point out that 30 percent appears to be lost outflows through the subsurface and estimates only 10 percent of the water used is recycled.

The applicant and their representative understand that the district requires recapture and reuse of all water used in the washing and crushing operation to achieve water conservation.

4) Has the applicant agreed that reasonable diligence will be used to protect groundwater quality and that the applicant will follow well plugging guidelines at the time of well closure? (TWC 36.113(d)(7) and Rule 6.10.24(g))

The applicant has provided the district documentation of the TCEQ APO, SWP3 and the EPA Spills Prevention, Control & Countermeasure plan known as SPCC Plan as stated and documented with this packet.

The applicant has agreed (*by signing the application form*) should the well deteriorate over time or be damaged in such a way that the well is inoperable that state law and district rules require such well to be plugged before a replacement well can be drilled.

5) Does the existing groundwater well comply with spacing and production limitations identified in our rules? (TWC 36.116(a)(1) and Rule 6.10.24(b)) and Rule 9.5.2

The well has an 8-inch column pipe and is equipped to produce 1100 gpm. Based on 8-inch column pipe size, a minimum size tract of 10 acres is required, with a 300-foot spacing requirement from other wells.

The applicant in 2014 was required to have a 350 setback from the property line thus pursued an affidavit of waiver, per district rule 9.5.5e. The waiver was not attained thus an exception was request and approved on April 8, 2014, per District rule 9.5.5d. (*minutes 4/18/2014 are attached*)

The district rules do not impose production limitations other than those determined applicable in the review of the today's permit request or to prevent unacceptable level of decline in water quantity or quality of the aquifer, or as may be necessary to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or the reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence. These issues are considered in Items 6 & 7 below and with staff recommendations to address potential concerns of adjacent property owners.

6) Will the proposed use of water unreasonably affect existing groundwater and surface water resources or existing permit holders?

Total: 1 well within 1/4 mile and 3 wells within 1/2 mile radius

All four wells are listed as exempt in our database and three completed as Alluvial and one is completed in the Ozan layer (*attached radius map*)

Mike Keester, Hydrogeologist, LRE Water, has reviewed this application and has determined anticipated drawdown and has provided his conclusions and recommendations stating that the proposed amendment to the current operating permitted amount of 205.8-acre feet/year *will not* diminish the ability of other exempt aquifer users to produce water for a beneficial use from the Lower Trinity Aquifer known as the Hosston Layer of the Trinity.

His analysis states that the well would have none or negligible impact on the Lower Trinity Wells in the defined ½ mile radius of the proposed well. Mr. Keester will testify as needed. (*see Trinity Oasis LLC-OP hydrogeologic review dated October 6, 2021*).

Additionally, the District, to the extent possible, must issue permits up to the point the total volume of exempt and permitted groundwater production will achieve the applicable Desired Future Condition (DFC) per TWC 36.1132(a)(b) and Rule 6.10.25(a)(b)(c)(d)(e).

7) Is the proposed use of water consistent with the District's Groundwater Management Plan related to the approved DFC and the defined available groundwater for permitting?

The District's Groundwater Management Plan reflects a groundwater availability figure in the Lower Trinity Aquifer of **7193 ac-ft/year Model Available Groundwater**. The district has reserved 178 ac-ft/year for exempt well use thus **3070.02 ac-ft/year** is technically available for permitting. Currently the district has permitted out **3944.98 ac-ft/year**.

The board, per the district groundwater management plan, has evaluated groundwater available for permitting the three Layers of the Trinity Aquifer and most recently evaluated the available groundwater for permitting (*consistent with the groundwater management plan as stated on pages 9-11*).

The requested permit amount relative to the **modeled available groundwater** MAG determined by the Texas Water Development Board (TWDB) based on the desired future conditions (DFCs) established by the District for the Lower Layer of the Trinity Aquifer was set by CUWCD based on drawdown of 330 feet for the next 60 years. These drawdowns were approved by the board in January 2019. To achieve this DFC, the TWDB used a model that indicated the MAG was equal to 7193 ac-ft/year for the Hosston Layer (Lower) Trinity Aquifer.

A summary of YTD 2021 permit production, HEUP & OP Permit Analysis, pending applications and *Exempt Well Reservations for the Trinity Aquifer, per District Report (*see attached Trinity Aquifer Status Report, October 2021*).

- 8) **Have you reviewed the Modeled Available Groundwater (MAG) calculations determined by the Executive Administrator of the Texas Water Development Board and will we be exceeding the limits of the MAG?**

Refer to #7 above. The modeled available groundwater will not be exceeded by granting this additional amount of 205.8-acre feet/year permit. (*see attached Trinity Aquifer Status Report, October 2021*).

- 9) **Have you reviewed the Executive Administrator's (Texas Water Development Board) estimate of the current and projected amount of groundwater produced under the exemptions in District Rule 8.3?**

Refer to #7 above. Reservation of *Modeled Available Groundwater* for **exempt well** use will not be exceeded by granting this permit. 178 ac-ft/year vs 53 ac-ft estimated to be used annually in the Lower Trinity. (*see 2020 district exempt use report*)

- 10) **Is the amount of groundwater authorized under previous permits issued by the District exceeding the managed available groundwater calculated by the District?**

Refer to #7 above. Existing permits do not exceed the managed available groundwater (*modeled available groundwater – exempt well use = Managed available groundwater*) for the Lower Trinity Aquifer (ac-ft per year remaining).

11) Do we have a reasonable estimate of the amount of groundwater that is produced under permits already issued by the District?

The total permitted amounts for wells in the Lower Trinity Aquifer in September 2021 was **3944.98 acre-feet** and the actual production in 2020 was **1119.97 acre-feet (28.84%)** of permitted amount.

Figures are based upon monthly metered production reports submitted to Clearwater by the permit holders in 2020 & YTD in 2021.

12) Yearly precipitation and production patterns.

Clearwater is currently in no drought management stage based on the PDI system (average running total annual rainfall). The Trinity Aquifer in the District is currently at 32.55 inches of rain received in the last 365 days (10/6/2021) thus 97.74% of annual expected rainfall of 33 inches.

The Lower Trinity permit holders in all of 2020 only used 28.39% of total permitted amounts in the Lower Trinity Aquifer. Permit holders did not exceed their total permitted amounts in 2020.

The gravity of the drought of 2011-2013, 2018 and again in summer of 2020 necessitated the need for all permit applications to be evaluated based on conservative needs and usage that is not contradicted by the current voluntary drought contingency plan stage.

Conclusions:

- 1) Proposed annual permit amount of 205.8 acre-feet (67,755,000 gallons/year) is an amount that will not adversely impact exempt well owners in the defined ½ mile radius of the proposed amended operating permit of 279 acre-feet/yr.
- 2) The applicant has agreed to improve the retention pond and reuse pipeline to the crushing and washing units thus improving the operation efficiencies.
- 3) The long-term effects from the well at the requested pumping amount is less than negligible and the effect will have no noticeable long-term effect on aquifer water levels per Keester's review, thus the drawdown will not diminish the ability of other exempt aquifer users to produce water for a beneficial use. (*see attached Keester's Report*)

Recommendations:

Approve the amount request with the following special provisions:

- 1) The “*standard permit provisions*” for the existing well are in place and the applicant installed the prescribed meter and tremie tube for manual observation in 2013. This has allowed the district to monitor static water levels monthly as well as production.

- 2) The applicant has agreed to improve their reuse efforts by enhancing the reuse retention pond that assures that they will avoid waste and achieve more water conservation efficiency in compliance with the District’s Groundwater Management Plan. This is currently documented in the site-plan for runoff containment which includes a prescribed retention pond. The retention pond is engineered and is part of the required TCEQ SWP3 currently in place. The applicant and their representatives understand that the district appreciates that recapture and reuse of all water used in the washing and crushing operation helps achieve water conservation.

Attachments are as follows:

<i>Mike Keester, PG Technical Memo</i>	<i>10/06/2021</i>
<i>Application & Fees</i>	<i>08/24/2021</i>
<i>Application Notification Documentation</i>	<i>09/16/2021</i>
<i>Emergency Operating Permit</i>	<i>08/01/2021</i>
<i>CUWCD Trinity Aquifer Status Report</i>	<i>10/13/2021</i>
<i>CUWCD 2020 Exempt Well Estimate of Use Report</i>	<i>12/31/2020</i>
<i>Approved setback exception</i>	<i>04/08/2014</i>
<i>Well Design & Pumping Capacity Test</i>	<i>04/08/2014</i>
<i>Applicant’s documentation of TCEQ & EPA permits</i>	<i>See Attached</i>

**LRE Water, Keester
Technical Memo
10/06/2021**

Technical Memorandum

To: Mr. Dirk Aaron, General Manager –
Clearwater Underground Water Conservation District

From: Michael Keester, PG – LRE Water

Date: October 6, 2021

Subject: Review of Operating Permit Amendment submitted by Trinity Oasis, LLC

Trinity Oasis, LLC (“TO-LLC”) submitted an application dated August 24, 2021 to the District requesting an increase of their operating permit from 73.20 acre-feet per year to 279.0 acre-feet per year. TO-LLC’s amendment application was in response to usage that was greater than the current operating permit. The increase in usage during 2021 required an emergency operating permit in the amount of 116.25 acre-feet. Figure 1 illustrates the increase in groundwater use by TO-LLC from 2014 with use so far in 2021 being more than double the amount reported in any one previous year.

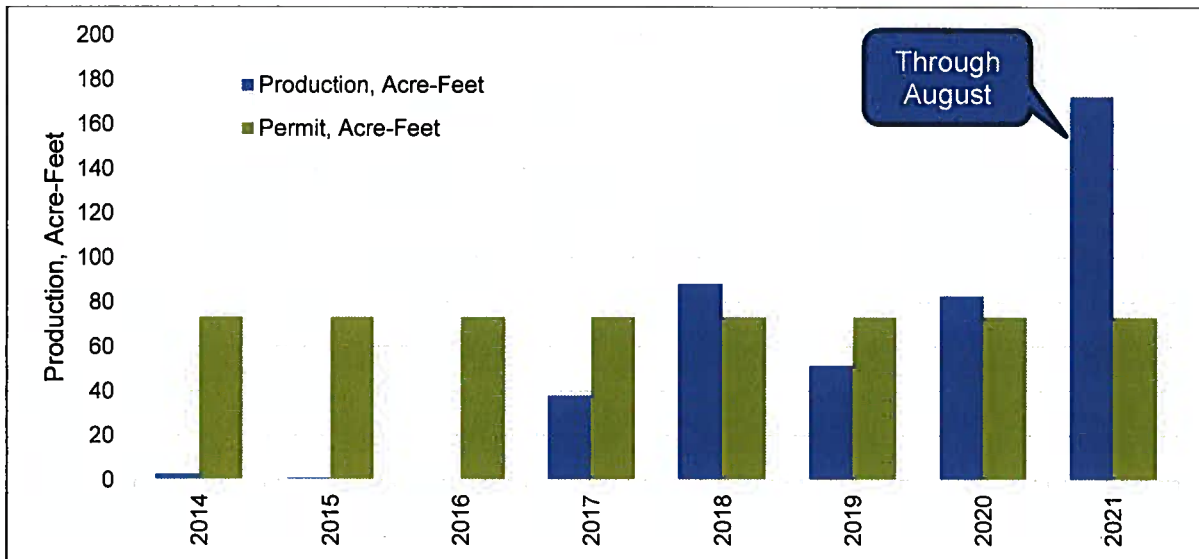


Figure 1. TO-LLC reported groundwater use through August 2021. The amount in 2018 does not include the recorded production associated with the 30-day pumping test.

According to the Texas Commission on Environmental Quality (“TCEQ”) Aggregate Production Operations (“APO”) Registration for Hillard Dozer, there are up to 90,000 tons

of material extracted and/or processed at the site annually. The material processing requires water to clean the material. The material moves through a sprayer system and a portion of the water sprayed on the material remains with the processed material. A portion of the water also passes through the material and runs through channels on the surface to a retention pond. While traveling through these surface channels a portion of the water may infiltrate through the channel bed into the subsurface. Finally, once in the retention pond the water may infiltrate through the bed or banks into the subsurface, it may evaporate, or it may be recycled to wash additional material.

Estimated Groundwater Use

Over the years, the District has utilized a “Mine Water Use” tool to estimate the amount of groundwater an aggregate operation may need for beneficial use. Using information provided by TO-LLC, average climatic conditions, and estimates of water budget components, we evaluated the volume of water requested in the operating permit amendment application. Table 1 provides the input values used to achieve the 279 acre-feet per year of estimated groundwater use.

Table 1. TO-LLC mine water use estimate input values.

Parameter	Value
Material washed annually	90,000 Tons
Working days per year	300
Working hours per day	10
Sprayer nozzles	60
Gallons per minute per nozzle	5.5 – 7.4
Storage pond surface area	2 Acres
Average pond depth	14 Feet
Pond catchment area	78 Acres
Average evaporation	56.19 Inches
Average precipitation	33.23 Inches
Months without captured rainfall (worst-case)	3
Rainfall runoff collection efficiency	10%
Wash water retained with material	50%
Wash water return flow infiltration loss	10%
Outflow	30%
Recycled	10%
Additional contingency	10%

For the assumption of 3 months without captured rainfall, we looked back at 2011. At the Temple weather station there was 0.22 inches of rain from June 23rd through September

26th (a period of 96 days), including a period of 62 days with no precipitation. The 2011 record justified an assumption of 3 months without rainfall as a worst-case scenario.

Values for the sprayers, site catchment, and pond were provided by the applicant. For the percentages, we first turned to information provided with the original drilling and operating permit applications. These applications provided values of 10 percent for the runoff collection, wash water retained with material, and infiltration loss. The rest of the water was assumed to be recycled and reused. To evaluate the TO-LLC, we had to re-consider the water budget and added an estimate of outflow which could be infiltration through the pond or surface runoff.

For the water use estimate, we did not change the return flow infiltration loss percentage. However, we increased the amount of water that is retained with the material from 10 percent to 50 percent. The increase was to account for discussions with the applicant during which they indicated the material would be washed multiple times. We also assumed that 30 percent of the water used is lost to outflow through subsurface materials. The sum of these three components accounts for 90 percent of the water used and leaves only 10 percent available for recycling. One way to reduce future water usage will be to decrease the percentage for sources of water loss and increase the percentage of water available for recycling.

Using the input values we calculated an estimated groundwater use under a worst case scenario to be between 185 and 254 acre-feet per year. Including a 10 percent contingency, the amounts increase to between 203 and 279 acre-feet per year. Table 2 provides the groundwater use estimate calculation tables. Based on the 2021 reported groundwater use (see Figure 1), the average monthly use is 21.5 acre-feet through August and the projected total 2021 groundwater use is more than 250 acre-feet. This projected amount based on the average reported use in 2021 is consistent with our estimates for a worst-case scenario without any contingency.

Finding ways to increase the amount of recycled water could lower the groundwater use. You have stated that TO-LLC has shared that they are actively working to improve their capture and recycling of water used for processing material. You have also conducted a site visit to confirm the work they are doing to improve water conservation. These improvements will be beneficial to the District's work to conserve the local groundwater resources for beneficial use. Nonetheless, to meet TO-LLC's current demands and worst-case scenario the amount requested in the amendment application is consistent with recent reported use.

Table 2. TO-LLC mine groundwater use estimate calculation.

		Input Values			
Mine Name:	TRINITY OASIS LLC	Storage pond surface area in acres:	2	Months without captured rainfall (worst-case):	3
Tons of material washed annually:	90,000	Average pond depth in feet:	14	Rainfall runoff collection efficiency:	10%
Working days per year:	300	Pond catchment area in acres:	78	Wash water retained with material:	50%
Working hours per day:	10	Average evaporation in inches:	56.19	Wash water return flow infiltration loss:	10%
Sprayer nozzles:	60	Average precipitation in inches:	33.23	Outflow:	30%
Minimum GPM per nozzle:	5.5	Maximum GPM per nozzle:	7.4	Percent of water recycled:	10%
				Additional contingency:	10%

Water Use Estimates			
300	tons of washed material daily		
198,000	low estimate of daily water use in gallons	0.61	low estimate of daily water use in acre-feet
182.29			low estimate of annual water use in acre-feet
266,400	high estimate of daily water use in gallons	0.82	high estimate of daily water use in acre-feet
245.27			high estimate of annual water use in acre-feet

Water Loss Estimates			
91.15	minimum annual water loss for water shipped in washed material in acre-feet	0.30	minimum daily water loss for water shipped in washed material in acre-feet
122.63	maximum annual water loss for water shipped in washed material in acre-feet	0.41	maximum daily water loss for water shipped in washed material in acre-feet
18.23	minimum annual water loss for return flow infiltration in acre-feet	0.06	minimum daily water loss rate for return flow infiltration in acre-feet
24.53	maximum annual water loss rate for return flow infiltration in acre-feet	0.08	maximum daily water loss rate for return flow infiltration in acre-feet
54.69	minimum annual water loss for runoff in acre-feet	0.18	minimum daily water loss rate for runoff in acre-feet
73.58	maximum annual water loss rate for runoff in acre-feet	0.25	maximum daily water loss rate for runoff in acre-feet
3.83	annual net evaporative loss estimate in acre-feet	0.01	average daily net evaporation in acre-feet
0.55	Minimum daily consumptive use in acre-feet	0.74	Maximum daily consumptive use in acre-feet

Water Input Estimates			
28	volume of pond in acre-feet	6.47	minimum annual volume of use returned to pond in acre-feet
21.60	annual volume of rainfall runoff collected in pond in acre-feet	7.38	maximum annual volume of use returned to pond in acre-feet
0.85	potential volume to refill pond resulting from a 1-inch rain in acre-feet		

Groundwater Use Estimates			
66	working days with no rain	202.80	Estimated minimum groundwater use in acre-feet
3.90	estimated soil re-wetting volume in acre-feet	278.86	Estimated maximum groundwater use in acre-feet

Evaluation of Potential Effects of Production

To evaluate the potential effects of the additional production we used an updated version of the groundwater availability model (GAM) for the Northern Trinity and Woodbine aquifers (Kelley and others, 2014). The updated version (referred to as the CUWCD modified GAM) uses hydraulic properties for the Lower Trinity Aquifer that are more representative of observed conditions (Keester and Konetchy, 2016; Konetchy and Beach, 2020). As the baseline pumping file for the model, we used Run 11 adopted by Groundwater Management Area (“GMA”) 8 as representative of their proposed desired future conditions (“DFCs”).

Review of the Run 11 pumping file indicated there is currently 120.8 acre-feet per year of pumping assigned to the model cell in which the TO-LLC well is located. Our evaluation focused on evaluating the additional drawdown caused by increasing the pumping in the model cell to 279 acre-feet per year. For consistency with the GMA 8 approach, we increased the pumping to the full 279 acre-feet per year in 2020 and kept the value constant through 2080. Comparison with the Run 11 results indicated just over five feet of additional drawdown at the well site by the end of 2080. Figure 2 illustrates the projected additional drawdown at the TO-LLC well site.

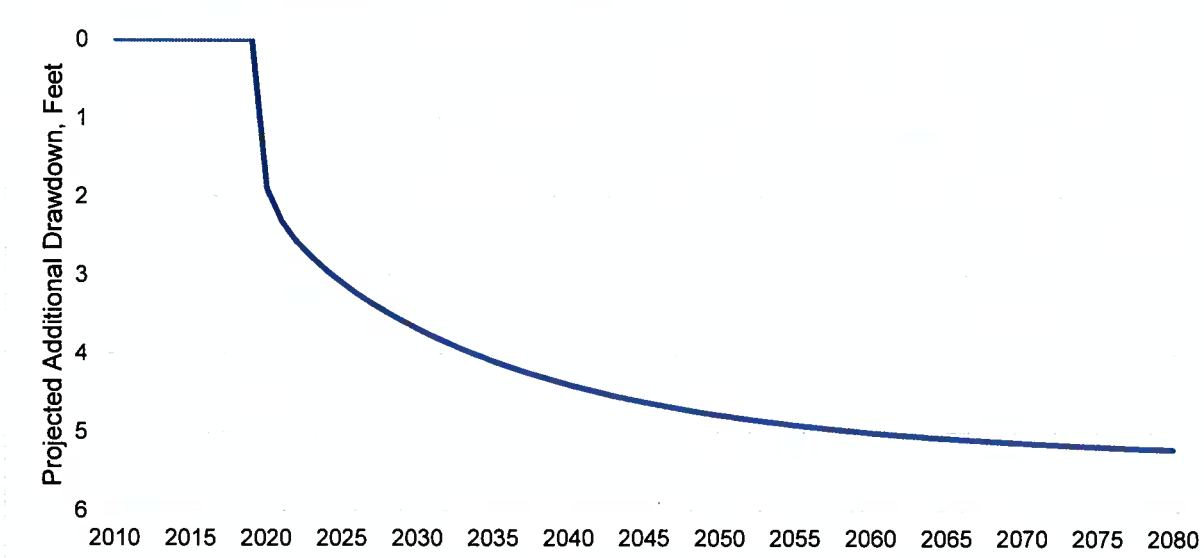


Figure 2. Projected additional drawdown at the TO-LLC well site by increasing the simulated pumping from 120.8 acre-feet per year in the GMA 8 Run 11 pumping file to 279 acre-feet per year as requested in the operating permit amendment application.

Under the pumping scenarios, the projected water level decline is more than 300 feet over the next 60 years. Using the CUWCD modified GAM, the water level elevation is predicted to approach mean sea level (“MSL”). However, as identified in the hydrogeologic report for the well (Keester, 2014), the top of screen interval is -1,920 feet MSL, and the water level would remain more than 1,900 feet above the production interval in 2080. Figure 3 illustrates the projected water levels under the GMA 8 Run 11 and added production scenarios.

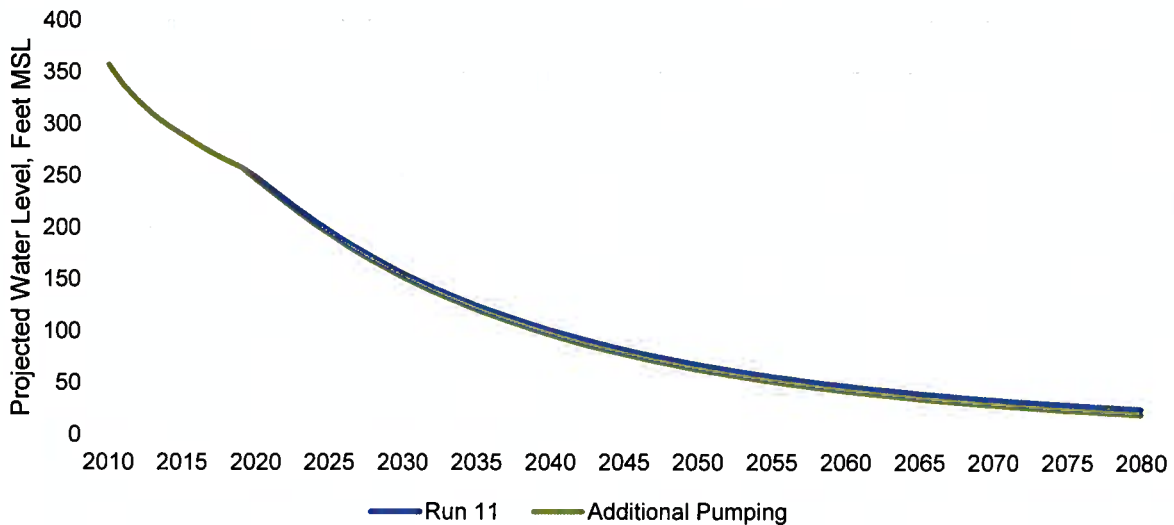


Figure 3. Projected water level at the TO-LLC well site based on the GMA 8 Run 11 results and additional pumping as requested in the operating permit amendment application.

Because of the transmissivity of the Lower Trinity Aquifer in the area (Keester, 2014; Seeger, 2017; Yelderman, Jr. and others, 2020), the long-term water-level decline associated with the proposed additional production extends several miles away from the well. The extent of the water-level decline is expected as Yelderman, Jr. and others (2020) noted water-level declines more than 12 miles from the well during a 30-day pumping test. Figure 4 illustrates the projected extent of additional water-level decline due to the requested additional groundwater production.

While the pumping will add additional water-level decline, it is not expected to cause the District to exceed the adopted or proposed DFCs. The proposed DFC for the Lower Trinity Aquifer is an average drawdown of 375 feet by 2080 or the equivalent of 5.3 feet per year. Currently, based on the District’s monitoring well program, the median observed water-level decline trend in the aquifer is 4.3 feet per year with the water-level decline trend at

the TO-LLC well being 3.7 feet per year (see Figure 5). An increase of less than six feet of drawdown at the TO-LLC well through 2080 associated with the additional requested production is the equivalent of less than 0.1 foot per year.

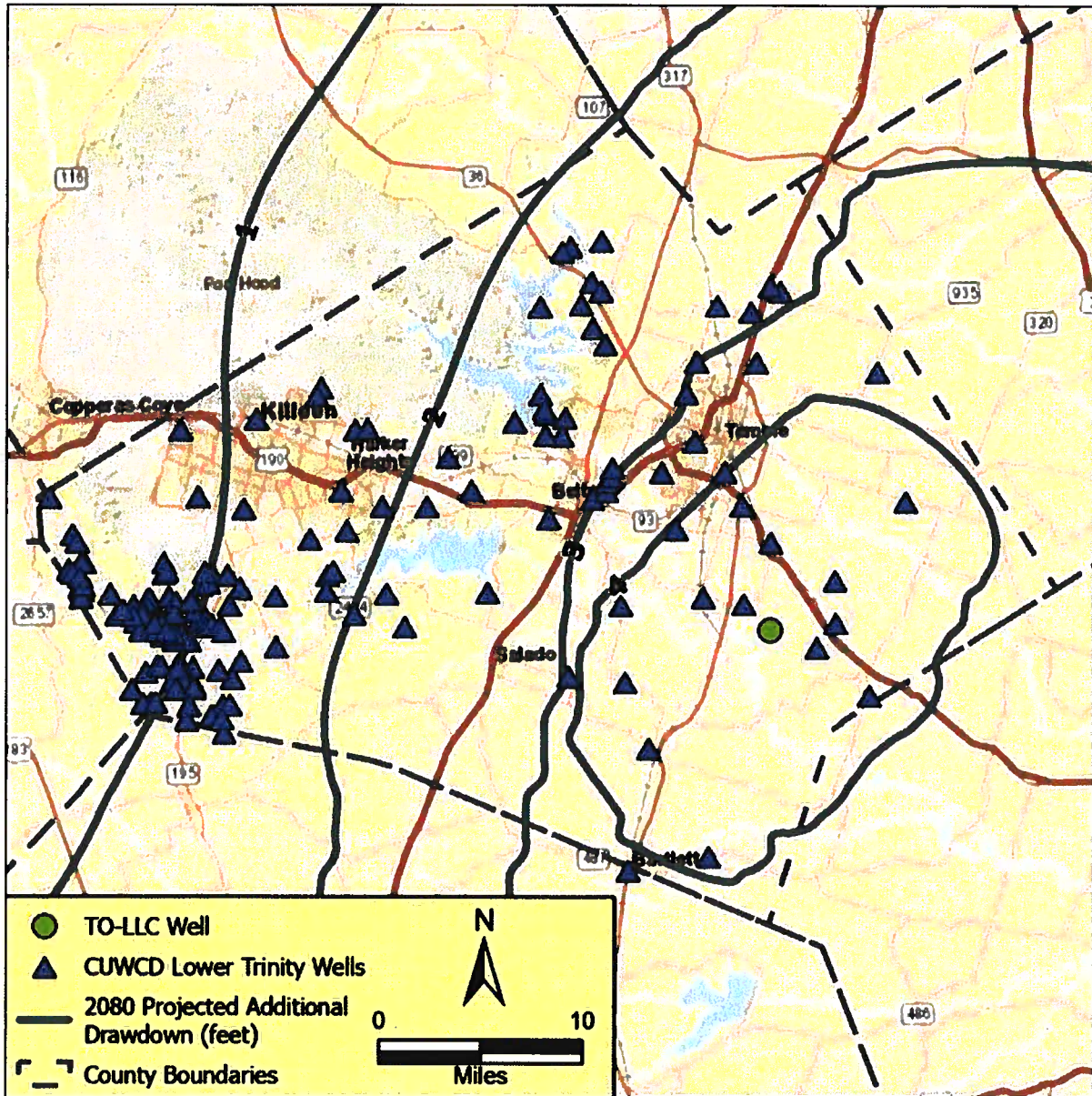


Figure 4. Projected additional water-level decline in 2080 associated with the additional pumping as requested in the operating permit amendment application.

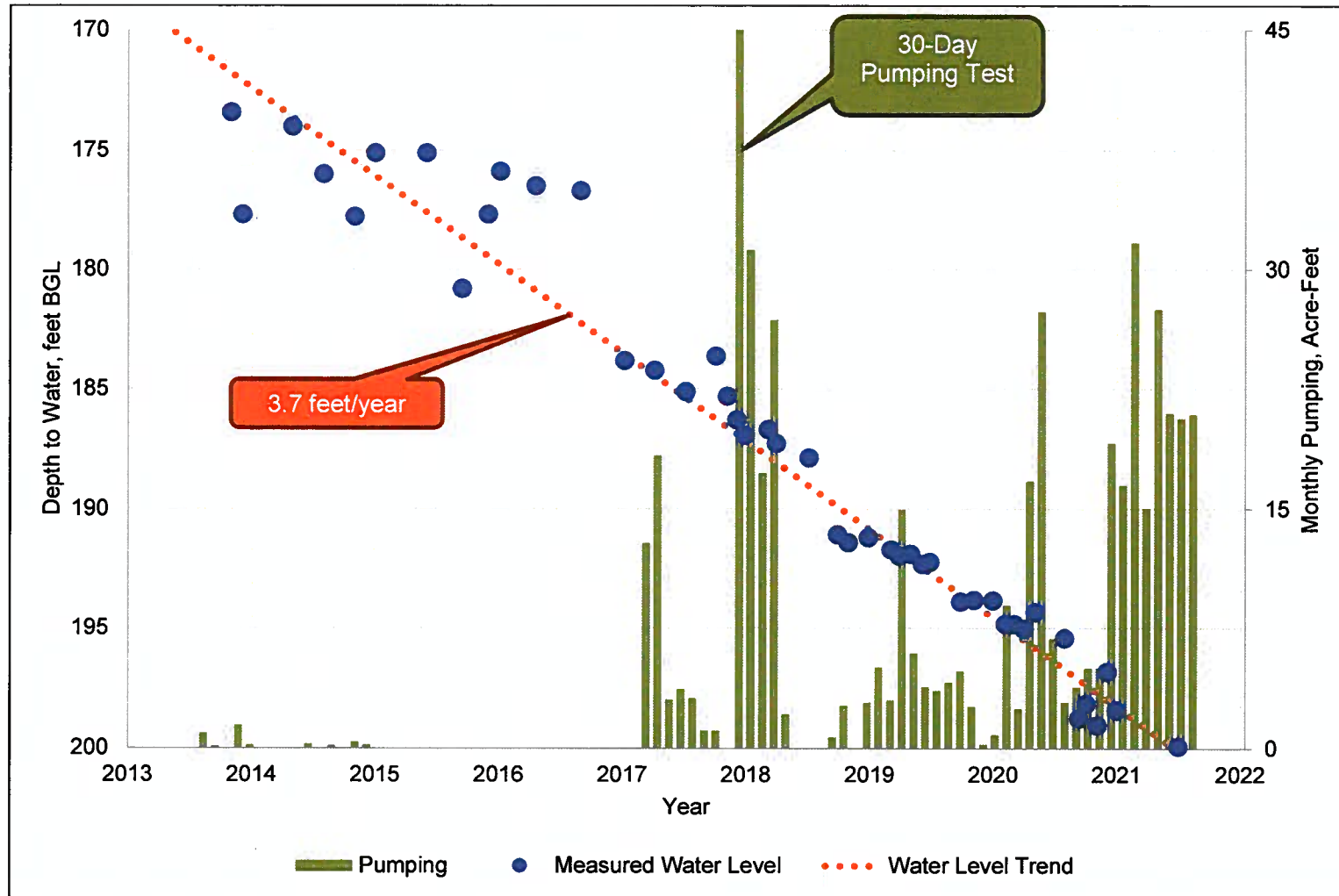


Figure 5. Hydrograph of TO-LLC well measured water levels, water-level decline trend, and reported pumping.

Conclusions and Recommendations

Based on the information provided by the applicant, the amount of groundwater requested in the operating permit amendment is reasonable under a worst-case scenario. To reach the estimate, we assumed half of the water used is removed from the system with the material and another 30 percent outflows through the subsurface. In our estimates, only 10 percent of the water used is recycled.


Projected water-level decline associated with the additional groundwater production does not cause an exceedance of the DFC for the Lower Trinity Aquifer. The projected drawdown using the CUWCD modified GAM is less than six feet at the end of 2080. While the projected water-level decline associated with the additional production extends for several miles, the magnitude of the water level decline is less than 0.1 foot per year on average.

Based on the hydrogeologic conditions, we recommend approval of the operating permit amendment. However, we encourage the applicant to continue improving their ability to efficiently utilize water for their operation. Based on personal communication with you and site visits you have performed, the applicant is actively working to improve their ability to capture and recycle process water to reduce their demand for additional groundwater. Our estimates of the water budget suggest that currently only a small portion of the water used for washing aggregate is recycled. Continuing to improve the percentage of water recycled for processing material would lower the need for additional groundwater and help the District conserve the local groundwater resources.

Please let me know if you have any questions.

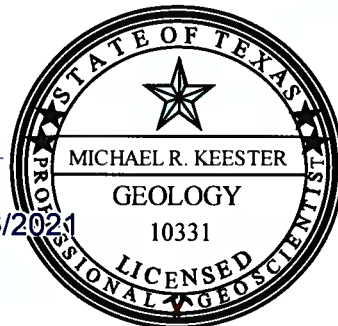
Geoscientist Seal

This report documents the work of the following licensed professional geoscientist with LRE Water, LLC, a licensed professional geoscientist firm in the State of Texas (License No. 50516).



Michael R. Keester, P.G.
Senior Project Manager | Hydrogeologist

10/06/2021



References

- Keester, M., 2014, Hydrogeologic Report – District Well No: N2-13-002P, Lower Trinity Aquifer, Bell County, Texas: Hydrogeologic Report for Clearwater Underground Water Conservation District, 14 p.
- Keester, M. and Konetchy, B., 2016, Results of Northern Trinity / Woodbine Groundwater Availability Model Simulations using a Modified Lower Trinity Transmissivity Distribution: Technical Memorandum to Clearwater Underground Water Conservation District, 8 p.
- Kelley, V.A., Ewing, J., Jones, T.L., Young, S.C., Deeds, N., and Hamlin, S., 2014, Draft Final Report: Updated Groundwater Availability Model of the Northern Trinity and Woodbine Aquifers: Austin, Texas, INTERA Incorporated,
- Konetchy, B. and Beach, J., 2020, Update of the Modified CUWCD NTWGAM: Draft Technical Memo to Dirk Aaron, General Manager of Clearwater UWCD dated May 7, 2020, 16 p.
- Seeger, E., 2017, Hydrogeologic Report — System Split Well No. 2 Lower Trinity Aquifer, Central Texas Water Supply Company, Bell County, Texas: Hydrogeologic Report to Clearwater Underground Water Conservation District, 17 p.
- Yelderman, Jr., J.C., Casteel, W.M., and Wong, S.S., 2020, The Trinity Oasis LLC Aquifer Test: Hosston Formation - April 30, 2018 to Jun 4, 2018: Report prepared for Clearwater Underground Water Conservation District, 26 p.

**Trinity Oasis LLC
Application & Fees
8/24/2021**

August 24, 2021

Mr. Dirk Aaron
General Manager
Clearwater Underground Conservation District
Belton, TX 76513

SENT VIA EMAIL

Dear Dirk,

On behalf of Trinity Oasis, LLC, "Trinity" permit holder of 0-21-069 from Clearwater Underground Water Conservation District "District" and District Well Number N2-13-002P, we are submitting several documents and an amendment to the existing Operating Permit. Please allow me to comment further:

- The District's consultant, Mike Keester, supported the completion of the TO LLC Materials Water Use Estimate to explain the request for a total of 279.0 ac-feet/year (AFY) utilizing the District's approved Worksheet, attached.
- Mr. Hernandez's material business produces approximately 90,000 tons of material annually, which translates into a rough average of 7,500 tons per month.
- Mr. Hernandez's undisturbed catchment area has remained the same, at about 78 acres, and his Storage Pond is an essential part of his capture, conservation, reuse methodology and processes. Mr. Hernandez has hosted a number of site visits for the District to examine and comment on his operations.
- Trinity understands that the AFY earmarked for a Bottling Business will not be further held with the District as a permitted amount, but reserves the right to revisit future business opportunities, commensurate with the measured production capability of the well and aquifer conditions at the time.

We look forward to your fair review process for the amended permit for Trinity Well N2-13-002P by the District for specific uses and public benefit.

Thanks very much,

FOR TRINITY OASIS LLC



Greg Neal

**Received by CUWCD
August 24, 2021**

**Dirk
Aaron**

Digitally signed
by Dirk Aaron
Date: 2021.08.25
09:17:04 -05'00'



Phone: 254-933-0120 Fax: 254-933-8396
P.O. Box 1989, Belton, TX 76513
Every drop counts!

APPLICATION FOR NON-EXEMPT WELL CLASSIFICATION 2

A NON-EXEMPT WELL, CLASSIFICATION 2 is a well that satisfies the following conditions:

- 1) A water well used for purposes other than domestic, livestock or poultry; or
2) A water well that is drilled, equipped or completed so that it is capable of producing more than 25,000 gallons/day.

Check one of the following:

DRILLING PERMIT

(Complete Sections 1, 2, 3, 4 & 7)

New Well

Replacement Well

OPERATING PERMIT

(Complete Sections 1, 5 & 7; update Sections 2, 3, & 4 if different from Drilling Permit)

Water to Remain in District

Water to be Exported Outside District*

PERMIT AMENDMENT

Modify Dilling Permit (Complete Sections 1,2,3,4 & 7)

Modify Operating Permit (Complete Sections 1,5 & 7)

Change in Well Ownership (Complete Sections 1 & 7)



An application for an Operating Permit must be filed within 30 days of completing a new well, or reworking/re-equipping an existing well.

A Hydrogeological Report is required for 1) Operating Permit applications requesting an annual maximum permitted use of more than 37 acre-feet; or 2) amendments to increase production or production capacity of a public water supply, municipal, commercial, industrial, agricultural or irrigation well with an outside casing diameter greater than 6 5/8 inches as discussed in District Rule 6.9.2.

*Requests to export water outside the District must also complete Section 7.

Per Rule District Rule 9.3 and State Law TDLR all State of Texas Well Reports are due to the District within 60 days of well completion.

NEW Per District Rule 9.3.3 at completion of all wells Water Quality Assessment is required by the Pump Installer and/or Well Driller. District Staff will provide screen test, sample bottles, and coordinate with Pump Installer or Driller to retrieve the sample within 45 days of the well completion. Temporary pump to purge the well is required should the well not have pump permanently installed in first 45 days. This requirement is for operating permits 37 ac. ft. or less.

1. Owner Information

Note: If well owner is different from property owner, provide documentation from property owner authorizing well construction and operation.

Well Owner: Trinity Oasis LLC (TO-LLC) Email: hhernandez@jhbud.com Telephone No.: 254-721-8799

Address: 12495 Reeds Lake Loop Temple TX 76501
(Street or P.O. Box) (City) (State) (Zip Code)

Contact Person (if other than owner): Hector Hernandez Telephone No.: 254-721-8799

If ownership of well has changed, name of previous owner State Well No.

2. Property Location & Proposed Well Location

Owner of property (if different from well owner): Hilliard Captial LP

Property is located miles of Little River on FM436
(Number) (N,S,E,W) (Nearest City or Town) (Name of Road)

Acreage: 120 Bell CAD Property ID # 411389 Latitude: 30.961168 Longitude: -97.30909

3. Well Description (Submit if State of Texas Well Report is available)

a. Proposed use of well and estimated amount of water to be used for each purpose:

*Domestic; Livestock/Poultry; Agricultural/Irrigation;
279 ac-ft/year Industrial; **Public Supply; Other.

*Total number of houses to be serviced by the well NA

**Notice is required of any application to the TCEQ to obtain or modify a Certificate of Convenience and Necessity to provide water or wastewater service with water obtained pursuant to the requested permit.

b. Estimated distance from nearest:(feet)

913 feet /s 125 feet N / S Property Line; 248 feet /w 2970 feet E / W Property Line; Existing Septic Leach Field;
River, Stream or Lake; Existing Water Well; Livestock Enclosure;
Other Source of Contamination (cemetery, pesticide mixing/loading, petroleum storage tank, etc.)

c. Estimated rate of withdrawal (GPM): 1500 d. Is property subject to flooding: Yes No

e. Is there another well on the property? Yes No f. Is the well part of a multi-well aggregate system? Yes No
If yes, how many wells? List State Well Numbers:

g. Attach the following:

- tax plat map indicating the location of the proposed well or the existing well to be modified, the subject property, and adjacent owners' physical addresses and mailing addresses. (Bell CAD maps if current will be accepted)
Indicate the location of the proposed well or the existing well to be modified with a circle and dot, and the distance to the well from property lines.
CUWCD will provide the location of all existing wells within 1/2 mile radius of the proposed well or the existing well to be modified.

NOTE: If this is a replacement well, indicate location of well that is being replaced and distance from the proposed well. Abandoned well must be properly capped or filled in accordance with state law and the rules of the District.

Required: Pump Installer / Well Driller Information (Required by Law)

Name: _____ TDLR Pump Installer License Number _____
 Address: _____ TDLR Well Drillers License Number _____
 (Street or P.O. Box) _____

 (City) (State) (Zip Code) _____

 (Phone #) (Fax #) (E-mail address) _____

RECEIVED
 AUG 25 2021
 BK [Signature]

4. Completion Information

Provide the following information to the extent known and available at the time of application.

NOTE: Provide the complete driller's log and any mechanical log, or chemical analysis, within 60 days of completion of well. Well must be drilled within 30 feet of the location specified and not closer to any existing well or authorized well site than the District's minimum spacing rule requires.

If amending existing permit, explain requested amendment and reason for amendment:

For the record the applicant has an active operating permit of 73 ac-ft/year and a pending permit for 1702.8 for an on-site bottling plant. See attached letter describing need.

Proposed **Total Depth of Well:** 2,829 ft; Borehole Diameter (Dia) 28 inches (in) from 0 to 50 ;
 Dia. (2) 18 in. from 50 to 2,845 **Casing:** Material steel ; Inside Diameter (ID) _____ in;
Screen: Yes No Screen Type steel ; Screen Dia. 8 5/8 in from 2177 to 2829 ft,
 # of Packers _____ ; **Pump Type:** _____ ; **Power:** _____ ; Horsepower Rating _____ ;
 Depth: _____ ft; Column Pipe ID: _____ in. Date Completed 08/08/2021

Proposed Water Bearing Formation: Lower Trinity

5. Operating Permit

NOTE: If requesting operating permits or permit renewals for multiple wells, please attach a separate sheet with the information requested below for each well.

Current operating permit annual production: 73.20 (act+ex) & 1702.8 (pending) ac-ft/year Requested increase/decrease: +205.80 ac-ft/year

Include statement/documentation explaining requested production:

Number of contiguous acres owned or leased on which water is to be produced: 120 acres

Total annual production requested with this operating permit: 279.0 acre-feet or 90,912,536.40 gallons

Requested annual volume to be exported out of the District: 0.0 Gallons (0.0 % of total pumpage)

NOTE: (1 acre-foot = 325,851 gallons) Withdrawals from all non-exempt wells Classification 2 must be reported to the District monthly—by the 10th of the following month

6. Export Requirements

If water is to be exported outside the District, describe the following issues and provide documents relevant to these issues:

- The availability of water in the District and in the proposed receiving area during the period requested.
- The projected effect of the proposed export on aquifer conditions, depletion, subsidence or effects on existing permit holders or other groundwater users within the District.
- How the proposed export is consistent with the approved regional water plan and certified District Management Plan.

7. Certification

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief. I certify to abide by the terms of the District Rules, the District Management Plan, and orders of the Board of Directors. I agree to comply with all District well plugging and capping guidelines as stated in the District Rules.

Hector Hernandez 08/24/2021

Typed Name of the Owner or Designee

Date

Digitally signed
 By: **Dirk Aaron**
 DN: cn=Dirk Aaron, o=District
 Date: 2021.08.25
 09:12:36 -05'00'

PERMIT TERMS: *Drilling Permits*—effective for 365 days from the date the permit application is approved by the Board. *Combination Drilling / Operating Permits*—effective until the end of the calendar year in which it is issued. Permits may be renewed by the General Manager, subject to any changes necessary under proportional adjustment regulations, District Rules, or the District Management Plan.

SPACING/ACREAGE REQUIREMENTS: Refer to District Rules, Section 9.5. For a well with a column pipe size of 2" or less, a minimum tract size of 2 acres is required, with a 100' setback from other well sites, and a 50' setback from property lines. Acreage and setbacks increase with larger column pipe size.

NOTICE REQUIREMENTS: Permit applicants must provide notice of filing as follows: 1) publication in a newspaper of general circulation in the District; and 2) certified mail, return receipt requested, to all adjacent property owners and owners of wells located within ¼ mile radius of the existing well or proposed well that is the subject of the application. The District will provide the appropriate forms for notification. Applicant must provide 1) proof of publication of public notice; and 2) proof of receipt by certified mail of the public notice to property owners as

SUBMIT FOR ADMIN REVIEW

Payment Receipt

Clearwater Underground Water Conservation

PO Box 1989
Belton, TX 76513

Received From
Jack Hilliard Dozer & Materials, LP PO Box 249 Temple, TX 76503

Date	8/23/2021
Payment Method	Check
Check/Ref No	3293

Payment Amount	\$5,000.00
Total Amount Due	\$0.00

Invoices Paid

Date	Invoice Number	Amount Due	Amount Applied
8/23/2021	145	\$5,000.00	\$5,000.00

HILLIARD DOZER LP
P O BOX 249
TEMPLE, TX 76503

88-58
1119

3293

DATE 5/14/21

PAY TO THE ORDER OF Clearwater \$5,000.00
Five thousand + 00/100 DOLLARS

 **Extraco** Banks.
Member FDIC
254.774.5500
P.O. Box 6101
Temple, Texas 76503

MEMO

Permit

[Handwritten Signature]

MP

SPECIALTY AMT

Clearwater Underground Water Conservation

PO Box 1989
Belton, TX 76513

Invoice

Invoice #: 145
Invoice Date: 8/23/2021
Due Date: 8/23/2021
Project:
P.O. Number:

Bill To:

Jack Hilliard Dozer & Materials, LP
PO Box 249
Temple, TX 76503

Date	Description	Amount
8/23/2021	Permit Application Fee	5,000.00

Total	\$5,000.00
Payments/Credits	\$0.00
Balance Due	\$5,000.00

**Trinity Oasis LLC
Notification per District Rules
Documentation**

N2-13-002P Contact List

Wells 1/4 Mile

<u>Prop ID</u>	<u>Name</u>	<u>Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Well #</u>	<u>Status</u>	<u>Depth</u>	<u>Aquifer</u>	<u>Use</u>	<u>Distance</u>
125244	Jeffery Williams	15013 Reeds Lake Loop	Rogers	TX	76569	E-02-1842G	Active	20	Alluvial	Domestic	709 ft

Wells 1/2 Mile

62683	Ray & Phyllis Langenegger	6802 Reeds Lake Rd	Temple	TX	76501	E-02-3402G	Active	unkown	Alluvial	Domestic	2,191 ft
62684	Cynthia Ross	P.O. Box 684	Little River	TX	76554	E-02-2585G	Active	24	Ozan	Domestic	1,898 ft
34071	W.C. Evans Family Limited Partnership	2250 Wilson Valley Loop	Little River	TX	76554	E-02-3425G	Active	25	Alluvial	Livestock/Poultry	2,479 ft
411389	Hilliard Capital LP	217 N 12th Street	Temple	TX	76501	E-09-037P	Never Drilled				

Adjacent Property

125244	Jeffery Williams	15013 Reeds Lake Loop	Rogers	TX	76569						
68383	Ellis G. Marshall	12494 Reeds Lake Loop	Temple	TX	76501						
68395	Ellis G. Marshall Exempt Trust	1719 Las Lomas Ct	Temple	TX	76502						
68384	Ellis G. Marshall	12494 Reeds Lake Loop	Temple	TX	76501						
30751	Clifford E. Skopek	P.O. Box 2003	Temple	TX	76503						
459990	Lance & Laurie Trdy	6644 Reeds Lake Rd	Temple	TX	76501						
439898	Dorothy Collier	1296 Pecan Creek Rd	Killeen	TX	76549						
104400	Lance & Laurie Trdy	6644 Reeds Lake Rd	Temple	TX	76501						
68416	Lance & Laurie Trdy	6644 Reeds Lake Rd	Temple	TX	76501						
104759	Johnnie Lee Sefcik, Jr.	6940 Reeds Lake Rd	Temple	TX	76501						
38120	Dana Friedrichs	7680 Reeds Lake Rd	Rogers	TX	76569						
62683	Ray & Phyllis Langenegger	6802 Reeds Lake Rd	Temple	TX	76501						
62684	Cynthia Ross	P.O. Box 684	Little River	TX	76554						

Mailing List

Jeffery Williams	15013 Reeds Lake Loop	Rogers	TX	76569
Ellis G. Marshall Exempt Trust	1719 Las Lomas Ct	Temple	TX	76502
Ellis G. Marshall	12494 Reeds Lake Loop	Temple	TX	76501
Clifford E. Skopak	P.O. Box 2003	Temple	TX	76503
Lance & Laurie Trdy	6644 Reeds Lake Rd	Temple	TX	76501
Dorothy Collier	1296 Pecan Creek Rd	Killeen	TX	76549
Johnnie Lee Secik, Jr.	6940 Reeds Lake Rd	Temple	TX	76501
Dana Friedrichs	7680 Reeds Lake Rd	Rogers	TX	76569
Ray & Phyllis Langenegger	6802 Reeds Lake Rd	Temple	TX	76501
Cynthia Ross	P.O. Box 684	Little River	TX	76554

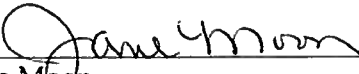
Publisher's Affidavit

State of Texas
County of Bell


Before Me, The Undersigned Authority, this day personally appeared Jane Moon after being by me duly sworn, says that she is the Classified Manager Inside Sales of the Temple Daily Telegram, a newspaper published in Bell County, Texas and that the stated advertisement was published in said newspaper on the following date(s):

September 16, 2021

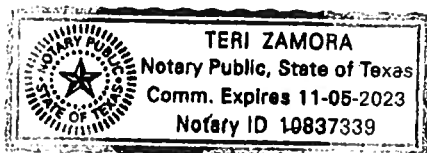
For: Trinity Oasis LLC
Ad #: 16670737
Cost: \$192.65
Times Published: 1


Jane Moon
Classified Manager Inside Sales

Subscribed and sworn to before me,
this day: September 16, 2021


Notary Public in and for
Bell County, Texas

(Seal)



**NOTICE OF APPLICATION TO FOR AN
OPERATING PERMIT AMENDMENT TO AN
EXISTING PERMIT FROM THE
CLEARWATER UNDERGROUND WATER
CONSERVATION DISTRICT**

Trinity Oasis LLC (dba JH Dozer & Materials LP) represented by Mr. Hector Hernandez, has made application to the Clearwater Underground Water Conservation District (CUWCD) on August 24, 2021, for an amendment to an existing operating permit of 73.2 ac-ft/yr to authorize additional production of 205.8 ac-ft/yr of groundwater thus the proposed permit is not to exceed 279 ac-ft (90,915,549 gallons) per year from the existing well (N2-13-002P) completed in the Hosston Layer of Trinity aquifer to produce water for beneficial industrial use for mining and crushing aggregates.

CUWCD well #N2-13-002P is completed to 2,845 feet below land surface, screened in the Hosston Layer of the Trinity Aquifer at approximately 2170-2829 feet below land surface. The well is equipped with a maximum 8-inch column pipe for a submersible pump rated at 1100 gallons per minute on the 120-acre tract located at 12495 Reeds Lake Road, Temple TX 76501, Latitude 30.761168°, Longitude -97.30909° to produce groundwater for beneficial industrial use (mining & crushing aggregates).

Trinity Oasis LLC, (dba JH Dozer & Materials LP) is proposing this amendment to their existing operating permit with special provisions that allow permitted groundwater production on property owned that total 120-acres. The operator currently is required to meter and report production monthly to CUWCD. In addition, the applicant has installed an observation tremie tube inside the well casing to the pump depth, for monthly static water level measurements. CUWCD does monitor aquifer conditions and static water levels monthly at this site.

This application will be set for hearing before the CUWCD Board upon notice posted at the Bell County Clerk's Office and at the CUWCD Office. If you would like to support, protest, or provide comments on this application, you must appear at the hearing and comply with District Rule 6.10. For additional information about this application or the permitting process, please contact CUWCD at 700 Kennedy Court (PO Box 1989), Belton, Texas 76513, 254-933-0120. If the applicant's representative, Mr. Hector Hernandez may be contacted at 12495 Reeds Lake Loop, Temple TX 76501, or by calling (245)721-8799.

August __, 2021

NOTICE OF APPLICATION FOR AN OPERATING PERMIT

Name
Address
City, State Zip

**VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

RE: Application for a Combination Drilling/Operating Permit

To Whom It May Concern:

On behalf of Trinity Oasis LLC (dba JH Dozer & Materials LP) represented by Mr. Hector Hernandez, has made application to the Clearwater Underground Water Conservation District (CUWCD) on August 24, 2021, for an amendment to an existing operating permit of 73.2 ac-ft feet to authorize additional production of 205.8 ac-ft/yr of groundwater thus the proposed permit is not to exceed 279 ac-ft (90,915,549 gallons) per year from the existing well (N2-13-002P) completed in the Hosston Layer of Trinity aquifer to produce water for beneficial industrial use for mining and crushing aggregates.

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Sincerely,

Hector Hernandez
Trinity Oasis LLC

7017 2400 0000 3022 6301

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CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Temple, TX 76502
OFFICIAL USE

Certified Mail Fee	\$3.75	0513 44
Extra Services & Fees (check box, add fee as appropriate)	\$3.05	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	09/07/2021
Total Postage and Fees	\$7.38	

Sent To
Ellis G. Marshall Exempt Trust
Street and Apt. No., or P.O. 1719 Las Lomas Ct
City, State, ZIP+4® Temple, TX 76502

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2400 0000 3022 6349

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Temple, TX 76503
OFFICIAL USE

Certified Mail Fee	\$3.75	0513 44
Extra Services & Fees (check box, add fee as appropriate)	\$3.05	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	09/07/2021
Total Postage and Fees	\$7.38	

Sent To
Clifford E. Skopek
Street and Apt. No., or P.O. P.O. Box 2003
City, State, ZIP+4® Temple, TX 76503

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2400 0000 3022 6367

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Little River, TX 76554
OFFICIAL USE

Certified Mail Fee	\$3.75	0513 44
Extra Services & Fees (check box, add fee as appropriate)	\$3.05	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	09/07/2021
Total Postage and Fees	\$7.38	

Sent To
Cynthia Ross
Street and Apt. No., or P.O. P.O. Box 684
City, State, ZIP+4® Little River, TX 76554

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2400 0000 3022 6363

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Rogers, TX 76569
OFFICIAL USE

Certified Mail Fee	\$3.75	0513 44
Extra Services & Fees (check box, add fee as appropriate)	\$3.05	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	09/07/2021
Total Postage and Fees	\$7.38	

Sent To
Dana Friedrichs
Street and Apt. No., or P.O. Box 7680 Reeds Lake Rd
City, State, ZIP+4® Rogers, TX 76569

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2400 0000 3022 6295

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Temple, TX 76501
OFFICIAL USE

Certified Mail Fee	\$3.75	0513 44
Extra Services & Fees (check box, add fee as appropriate)	\$3.05	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	09/07/2021
Total Postage and Fees	\$7.38	

Sent To
Ray & Phyllis Langenegger
Street and Apt. No., or P.O. 6802 Reeds Lake Rd
City, State, ZIP+4® Temple, TX 76501

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2400 0000 3022 6316

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Temple, TX 76501
OFFICIAL USE

Certified Mail Fee	\$3.75	0513 44
Extra Services & Fees (check box, add fee as appropriate)	\$3.05	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00	Postmark Here
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	
<input type="checkbox"/> Adult Signature Required	\$0.00	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	
Postage	\$0.58	09/07/2021
Total Postage and Fees	\$7.38	

Sent To
Ellis G. Marshall
Street and Apt. No., or P.O. 12494 Reeds Lake Loop
City, State, ZIP+4® Temple, TX 76501

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2400 0000 3022 6370

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Temple, TX 76501
OFFICIAL USE

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee if appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.58
Total Postage and Fees	\$7.38

0513
44
Postmark
Here
09/07/2021

Sent To
Lance & Laurie Trdy
Street and Apt. No., or P.O. Box No. 6644 Reeds Lake Rd
City, State, ZIP+4® Temple, TX 76501
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2400 0000 3022 6356

U.S. Postal Service™
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Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Temple, TX 76501
OFFICIAL USE

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee if appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.58
Total Postage and Fees	\$7.38

0513
44
Postmark
Here
09/07/2021

Sent To
Johnnie Lee Sefcik, Jr.
Street and Apt. No., or P.O. Box No. 6940 Reeds Lake Rd
City, State, ZIP+4® Temple, TX 76501
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.58
Total Postage and Fees	\$7.38

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Jeffery Williams
Street and Apt. No., or P.O. Box No. 15013 Reeds Lake Loop
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Killeen, TX 76549
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Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee if appropriate)	\$3.05
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<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$0.58
Total Postage and Fees	\$7.38

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09/07/2021

Sent To
Dorothy Collier
Street and Apt. No., or P.O. Box No. 1296 Pecan Creek Rd
City, State, ZIP+4® Killeen, TX 76549
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

**Emergency Operating Permit
(EOB)
8/01/2021**



Clearwater Underground Water
Conservation District
P.O. Box 1989, Belton, TX 76513
254-933-0120

Emergency Operating Permit (EOP)

Permit No: O-21-069 (Emergency Operating Amendment)

Owner/Permittee: Trinity Oasis LLC (TO-LLC) dba as Jack Hillard Materials
c/o Hector Hernandez

Mailing Address: 12495 Reeds Lake Loop
Temple, TX 76501

Well Location: Latitude 30.961194°, Longitude -97.308944°

District Well No: N2-13-002P

State Well No: --

Terms: Permit expires *October 14, 2021*, per District Rule 6.11 Emergency Authorization Failure to abide by District/State rules and special provisions of issuance, will subject this agreement to revocation. See Page 2 for Permit Conditions and Requirements.

Permitted Withdrawal:

Dual Use of 73.20 ac-ft (or 23,852,293 gallons) and Emergency Use Authorized not to exceed 116.25 ac-ft (or 37,880,179 gallons). **EOP not to exceed 189.4 ac-ft prior to Oct 14, 2021.**

Aquifer: Lower Trinity (Hosston)

Use: Industrial (Current Permit 73.2 ac-ft/year for Sand & Gravel Mine)

Special Provisions:

Well owner agrees to submit application for a permit amendment in accordance with District Rule 6.11 (Emergency Order Authorizing Temporary Non-Exempt Production for Demonstration of Need). Administrative Complete Application must be effective and application to the Board by October 13, 2021 thus meeting the 75 day time limit under District Rule 6.11(b). TO-LLC JHM currently meters and reports production and static levels monthly (measurements will be at taken rest) with the assistance of District Staff. Special provisions will be discussed with the applicant prior to going to Public Hearing on October 13, 2021

The District manages to the approved GMA 8 DFC and reserves the right to impose proportional adjustments to the authorized amount and rate of withdrawal pursuant to the District's rules and authority under state law if determined by the District's Board to be necessary to achieve the DFC upon consideration of information meeting the statutory "best available science" standard under Texas Water Code § 36.0015(a).

This Permit is hereby issued this 1th day of August 2021.

By: , General Manager
Dirk Aaron

**Trinity Aquifer
Status Report
10/13/2021**

Trinity Aquifer Status Report – October 2021

<u>DFC Analysis Over Time</u> (2000-Present) Modeled Available Groundwater			<u>HEUP and OP Permit Analysis</u> Relative to the Modeled Available Groundwater			<u>2021 YTD</u> <u>Total Prod.</u> Jan - Sep 1365.18 Ac-ft 30.21%		<u>Pending Applications</u>		<u>Exempt Well Reservations</u>		
Trinity Aquifer (by layer)	DFC Adopted * Average Drawdown (by layer)	MAG ** Ac-ft	HEUP Ac-ft (by layer)	OP Ac-ft (by layer)	Total Permitted Ac-ft (by layer)	2020 YTD Prod. (by layer)	2021 YTD Prod. (by layer)	Available for Permitting Ac-ft (by layer)	Pending Applications Ac-ft (by layer)	Exempt Well Reserve Ac-ft (by layer)	2020 Exempt Well Use Estimate Ac-ft (by layer)	Available Exempt Use Ac-ft (by layer)
		Current										
Pawluxy	NA	0	0	0	0	0	0	0	0			0
Glen Rose (upper)	-1.38 ft/yr -83 ft/60 yrs	974	61.9	71.28	133.18	25.85	12.34	147.82	0	693	194	499
Hensell (middle)	-2.28 ft/yr -137 ft/60 yrs	1099	259.3	211.25	470.55	93.69	53.29	80.45	0	548	524	24
Hosston (lower)	-5.50 ft/yr -330 ft/60 yrs	7193	1181.4	2733.58	3944.98	1119.97	1299.55	3070.02	*** 205.8	178	53	125
Total		9266	1502.6	3013.17	4548.71	1239.50 (27.45%)	1365.18 (30.21%)	3298.29	205.8	1419	771	648

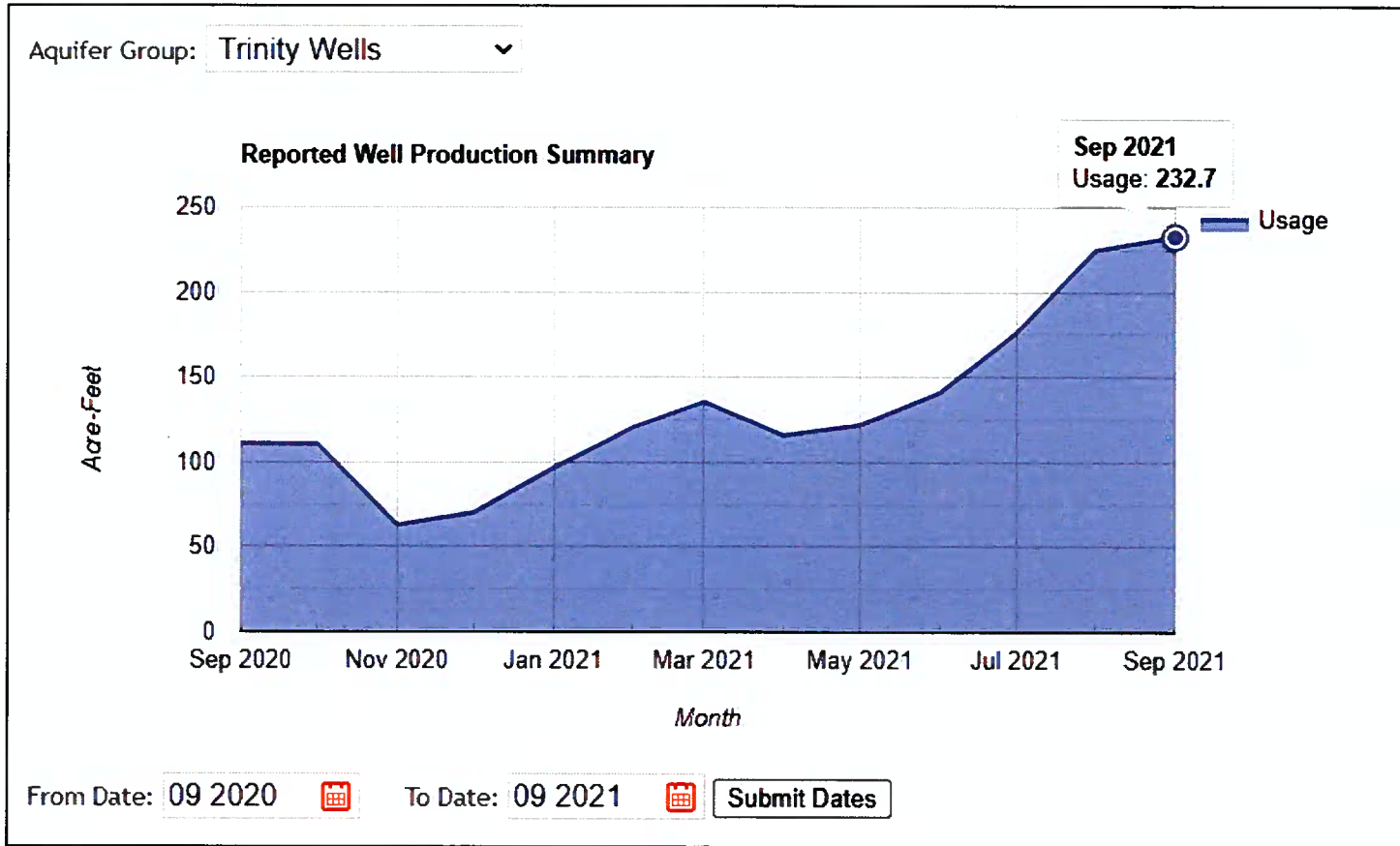
*Desired Future Conditions (DFC) is the description of how the aquifer should look in the future (60 years).

**The Modeled Available Groundwater (MAG) is the estimated amount of water available for permitting assigned to Clearwater UWCD by the Executive Administrator of TWDB.

***Pending applications

Trinity Oasis LLC Operating Permit N2-13-002P (205.8 ac-ft/yr)

Trinity Aquifer Status Report – October 2021



**Exempt Well Use Report
12/31/2020**



CUWCD Exempt Well Use Summary

As of: 3/8/2021

Aquifer	Total Active Registered Exempt Wells ³	Registered Domestic Wells	Estimated Domestic Use Gallons/Day ^{1,2}	Estimated Domestic Use Ac-ft/Year ^{1,2}	Registered Stock Wells	Estimated Stock Use Gallons/Day ⁴	Estimated Stock Use Ac-ft/Year ⁴	Total Estimated Use Gallons/Day ⁷	Total Estimated Exempt Well Use Ac-ft/Year ⁷	MAG Reserved Exempt Well Use
Glen Rose (Upper Trinity)	437	355	103,859	116	82	70,848	79	174,707	196	
Hensell (Middle Trinity)	915	857	401,648	450	58	50,112	56	451,760	506	
Hosston (Lower Trinity)	147	136	39,788	45	11	9,504	11	49,292	55	
Trinity (Total) ⁶	1,499	1,348	545,295	611	151	130,464	146	675,759	757	1,419
Edwards BFZ	833	701	205,085	230	132	114,048	128	319,133	357	825
Edwards Equivalent	494	391	114,391	128	103	88,992	100	203,383	228	
Buda	28	15	4,388	5	13	11,232	13	15,620	17	
Lake Waco	8	3	878	1	5	4,320	5	5,198	6	
Austin Chalk	226	142	41,544	47	84	72,576	81	114,120	128	
Ozan	166	118	34,522	39	48	41,472	46	75,994	85	
Pecan Gap	67	44	12,873	14	23	19,872	22	32,745	37	
Kemp	15	11	3,218	4	4	3,456	4	6,674	7	
Alluvium	586	378	110,588	124	208	179,712	201	290,300	325	
Other ⁵	1,590	1,102	322,401	361	488	421,632	472	744,033	833	
CUWCD Total Active	3,922	3,151	1,072,781	1,202	771	666,144	746	1,738,925	1,948	

1. Domestic use estimate assumes 106 gallons/person per day (USGS estimate of domestic use outside of a municipal water system) and 2.76 persons/household (U.S. Census Bureau, Population Estimates Program (PEP) July 1, 2019)

2. Benjamin G. Wherley, Ph.D. Associate Professor- Turfgrass Science & Ecology Dept. of Soil and Crop Sciences Texas A&M University estimate of 2,000ft² warm season turfgrass requires 38,855gal/yr/lawn or 106gal/day/lawn; "Ranchette" Avg. lawn size is 13,042ft², 6.5X larger; 6.5 X 106gal/day/lawn= 689gal/day/lawn; ~217 "Ranchette" Middle Trinity Wells; 689 X 217=an additional 150,924gal/day/lawn; **490ac-ft/yr or an 89% increase in Middle Trinity exempt well use from the 2018 estimate of 258ac-ft/yr.**

3. Exempt well use estimate factors out all plugged, capped, monitor and inactive wells in the database.

4. Source of stock water estimates is Texas Agrilife Extension @ 18 gallons water per day per cow. Livestock water use estimates are based on the 2017 Census of Agriculture, USDA National Agricultural Statistics Service. 36,868 cows / 771 stock wells= 48 cows/stock well; 48* 18gpd= 846 gal/day/stock well, **747ac-ft/yr or a 34% increase in annual stock use from the 2018 estimate of 556ac-ft/yr.**

5. The "Other" designation is the total of minor aquifer and alluvium source designation of the exempt wells.

6. Trinity Aquifer wells registered with unknown depth are assigned to the Middle Trinity per Board decision.

7. All estimates of groundwater use by exempt well owners is based on assumptions and scientific data, but by no means are they to be interpreted as recommended practices by CUWCD.

**Trinity Oasis LLC
Setback Exception
Documentation 4/8/2014**

Clearwater Underground Water Conservation District Meeting
700 Kennedy Court
Belton, Texas
Tuesday, April 8, 2014
Minutes

The Clearwater Underground Water Conservation District (CUWCD) held a board meeting on Tuesday, April 8, 2014 at 1:30 p.m. at the Clearwater UWCD Building, located at 700 Kennedy Court, Belton, Texas.

Board Members Present:

Leland Gersbach, President
Wallace Biskup, Vice President
David Cole, Director
Bill Bartlett, Director

Public Advisory Committee:

Henry Bunke
Bradley Ware
Tom Madden
Bill Schumann

Staff:

Dirk Aaron
Shelly Chapman

(Absent: Judy Parker)

Guests:

Mike Thornhill – TGI Round Rock
Dr. Joe Yelderman – Baylor
Allan Standen (via phone)

Ty Embrey – Attorney, Lloyd Gosselink
Stephanie Wong - Baylor

Board Meeting called to order with President, Leland Gersbach, at 1:30 p.m.

1. Invocation and Pledge of Allegiance:

Vice President, Wallace Biskup, gave the invocation.
Director, Bill Bartlett, lead the Pledge of Allegiance.

2. Public Comments:

None

3. Approve minutes of the March 11, 2014 Board Meeting and Workshop.

Vice President, Wallace Biskup, moved to approve the Minutes of the March 11, 2014 meeting as presented. Director, David Cole, seconded the motion. **Motion carried 4-0 (1 absent).**

4. Discuss, consider and take appropriate action if necessary to accept the monthly financial report as presented.

Director, Bill Bartlett, moved to accept the monthly financial report as presented. Vice President, Wallace Biskup, seconded the motion. **Motion carried 4-0 (1 absent).**

5. Discuss, consider and take appropriate action if necessary to accept the monthly Investment Fund account report as presented.

Director, David Cole, moved to accept the monthly Investment Fund account reports as presented. Vice President, Wallace Biskup, seconded the motion. **Motion carried 4-0 (1 absent).**

Public Hearing opened with President, Leland Gersbach at 1:35 p.m.

6. Hold public hearing on the following request for an exception to the District's Spacing Requirements on Jack Hilliard Dozer Service & Materials LP, per District Rule 11.5.52 (d).

President, Leland Gersbach, reviewed the procedures for the Public Hearing to include proper posting and notification of the Public Hearing. President Gersbach noted that all posting requirements had been met.

Leland Gersbach opened the Hearing up for public comments and administered oath to all participating parties (Dirk Aaron-General Manager CUWCD, and Mike Thornhill – Thornhill Group representing the applicant). Mr. Gersbach noted that there were no other parties present.

Dirk Aaron re-capped the discussion of the last meeting. Adjacent property owners were notified and a letter sent describing the need for the exception to the spacing requirements. The adjacent property owner did not respond to the request for a waiver regarding the exception to the spacing requirements. Dirk Aaron recommended the board approve the exception to the spacing requirements.

Wallace Biskup asked what would happen if someone purchased the property and divided it. Dirk explained that if the land was purchased a new well would still have to comply with the setbacks according to the District rules.

Bill Bartlett enquired if the property owners had agreed to the exception. Dirk Aaron explained that they had been properly notified and informed and notification had been properly documented. The property owner failed to respond.

David Cole addressed Dirk Aaron stating that in Dirk's written comments and statement today he stated it was very unlikely that anyone else would be drilling into the Lower Trinity. David mentioned that Bell-Milam Falls was 2.5 miles away from that location and he disagrees with Dirk's statement that it would be cost prohibitive for a well to be drilled that deep. David commented that cost may not be the only consideration. He stated that quality of water could be a consideration and the quality water is in the Lower Trinity. Dirk explained that the comment was made in reference to a domestic well.

Dirk reminded the Board that the purpose of this hearing was to approve an 8" column pipe. David asked Dirk to refresh his memory as to why they are looking at an 8" column pipe instead of a 6" column pipe. Dirk explained that sand and gravel is a limited commodity based on construction need. With the investment and cost of drilling a well that deep and that the need for sand and gravel may diminish, JHM hopes to sell the well for public water supply in the future.

David Cole also expressed his concern that the adjacent property owner never responded to the correspondence.

Ty Embry commented that the District and the applicant have followed all rules and have done everything required to contact the property owner. It's up to the property owner to say they have a problem with the permit request. Since the property owner did not respond, it's left to the discretion of the Board.

Leland Gersbach stated that the staff recommends approval of the requested exception to the proposed setback reduction. He asked if there were any other comment to be made.

Mike Thornhill thanked Dirk for his help with this project. He noted that the drawdown is not significant based on the hydro-geologic review.

Mr. Gersbach noted that there were no other interested parties wishing to comment on the hearing.

Public Hearing closed with President, Leland Gersbach at 1:52 p.m.

No further discussion necessary. Mr. Gersbach asked for a motion to approve, grant, or deny the reduction in the 350 ft. setback from property line with 138 ft. reduction on the south property line and a 149 ft. reduction on the east property line thus allowing an 8" column pipe for the new well for industrial purpose.

Director, David Cole, moved to approve the motion as presented. Vice President, Wallace Biskup, seconded the motion. **Motion carried 3-0 (1 absent, 1 abstention-Bill Bartlett).**

Reconvene Public Hearing from March 11, 2014 Board meeting with President, Leland Gersbach at 1:53 p.m.

7. Hold Public Hearing on the following permit application:

Discuss, consider and take appropriate action if necessary on the proposed operating permit, for Jack Hilliard Dozer Service & Materials LP, from the Trinity Aquifer of 73.2 acre-feet for industrial purposes.

President, Leland Gersbach, reminded the Board that the public hearing on this item was stopped due to the fact that the application was not administratively complete. As presiding officer of the public hearing, President Gersbach declared the hearing to be continued at the April 11, 2014 meeting.

Mr. Gersbach stated that all parties have had an opportunity to make their cases. He enquired if there were any parties interested in submitting additional evidence? Mr. Gersbach noted that there were no other parties present.

Mr. Gersbach stated that per the Board's approval of the exception to the setback for an 8" column pipe that this hearing may proceed. He noted that the evidentiary portion of the hearing was concluded.

President, Leland Gersbach, closed the Public Hearing at 1:59 p.m.

No further discussion was necessary. Mr. Gersbach asked for a motion to grant or deny Jack Hilliard Dozier and Materials' application for an operating permit for Well #1 for 73.2 acre feet from the Hosston Layer of the Trinity Aquifer for industrial use with special provisions as described by District GM.

Vice President, Wallace Biskup, moved to approve the motion as presented. Director, David Cole, seconded the motion. **Motion carried 3-0 (1 absent, 1 abstention-Bill Bartlett).**

President, Leland Gersbach, closed the Public Hearing and convened to Workshop at 2:00 p.m.

Workshop #1. Briefing by District Counsel of Texas Legislative Council's upcoming codification of CUWCD's enabling legislation by the 84th Legislative Session (2015-16).

Ty Embry briefed the Board on the upcoming codification of CUWCD's enabling legislation and what it means to the District. Mike Gershon will provide us with an executive summary for the Board to review. They will continue to update the District as needed.

Workshop #2. Briefing by District Counsel and Staff of the Legislative Interim Work underway with TWCA and TAGD.

Ty Embry briefed the board on the Legislative Interim Work underway at this time. TAGD and TWCA have set up subcommittee meetings to discuss issues at hand and be prepared for the next Legislative session.

Workshop #3. Briefing by District Consulting Geoscientist and Staff on the Shelley/Heffington Well Complaint.

Allan Standen, via phone, gave the Board an update of his investigation on the Shelley/Heffington Well.

President, Leland Gersbach, closed the Workshop and reconvened to Regular Board Meeting at 3:45 p.m.

8. Discuss, consider and take appropriate action if necessary to accept 2013 Financial Audit Report as presented from District's contracted auditing firm (tabled item from March 11, 2014).

A clerical error was discovered on the Audit Report at the March Board meeting. The item was tabled until clarification and correction could be made. Auditing firm corrected the error on the Liabilities amount on page 3 and resubmitted corrections.

Vice President, Wallace Biskup, moved to accept the 2013 Financial Audit Report with corrections to the District's liabilities as presented. Director, David Cole, seconded the motion. **Motion carried 4-0 (1 absent).**

9. Discuss, consider and take appropriate action if necessary to adopt by Resolution the District Capitalization Policy.

Dirk Aaron reminded the Board during the financial audit, it was identified that CUWCD did not have a Capitalization Policy on file. The Capitalization Policy the District followed in the past was set by the CTCOG. Since the District is no longer part of the CTCOG, the auditor recommended that the District adopt its own Capitalization Policy by resolution. Leland Gersbach explained what a Capitalization Policy was. Dirk and Leland discussed the policy and suggested that a Capitalization Policy of \$2,500 be adopted for the District.

Bill Bartlett moved to adopt by resolution a Capitalization Policy of \$2,500. Director, David Cole, seconded the motion. **Motion carried 4-0 (1 absent).**

(Secretary, Judy Parker, is not present to attest the signing of the resolution. President, Leland Gersbach, assigned Vice President, Wallace Biskup, the task to attest the signing of the resolution.)

10. Discuss, consider and take appropriate action if necessary on a request for a tax abatement agreement with Wilsonart LLC located at 10501 NW H.K. Dodgen Loop, Temple, Bell County Texas.

Dirk Aaron presented a request for tax abatement agreement for Wilsonart, LLC.

Director, David Cole, moved to deny the request for tax abatement. Vice President, Wallace Biskup, seconded the motion. **Motion carried 4-0 (1 absent).**

11. Discuss, consider and take appropriate action if necessary to approve the FY14 line item budget amendment as requested.

Dirk Aaron requested a line item transfer thus amending the FY14 budget. This transfer is with in account 53700-Legal Services and would be a simple transfer between subcategories 53701 (Drought Contingency) and 53706 (GMA/MAG/DFC).

Staff is requesting to move \$8000 from 53701-Drought Contingency to new subcategory 53706-GMA/MAG/DFC.

Leland Gersbach informed the Board that 53706-GMA/MAG/DFC is a new account. Leland wants to be able to track expenditures closer for Legal fees.

Director, Bill Bartlett, moved to approve the line item transfer of \$8000 from Drought Contingency to new subcategory for GMA/MAG/DFC. Director, David Cole, seconded the motion. **Motion carried 4-0 (1 absent).**

12. Discuss, consider and take appropriate action if necessary in reference to the Ray Severn request for the City of Belton to amend ordinance of the Belton Business Park to Planned Development Multiple Family.

Dirk Aaron informed the Board that the District was notified that Ray Severn's request for the City of Belton to amend the ordinance of the Belton Business Park to Planned Development Multiple Family was being presented to the P&Z committee again. Dirk asked the Board for direction on how to proceed. Dirk informed the Board that he had been contacted by other stakeholders with concerns about the changes. Dirk read a draft of the letter he was prepared to send on the behalf of the Board in protest of the ordinance change to the Business Park.

Director, Bill Bartlett, moved to submit the letter. Director, David Cole, seconded the motion. **Motion carried 4-0 (1 absent).**

13. General Manager's report concerning office management and staffing related to District Management Plan.

- Gault site -- still one more pump test to be done on the Edwards well.
- Tax Appraisal District Annual Meeting is April 17th at 9:30 a.m. Dirk invited Board members to attend. Dirk will be attending on their behalf.
- ESA Coalition meeting planned with US Fish and Stakeholders.

- Judy Parker, Dirk Aaron, and James Beach will be attending the upcoming GMA 8 meeting in Cleburne on April 22nd.
- Legislative Update meeting planned for April 30th. This will be an informal meeting with Jimmie Don Aycocock and Molly White.
- Dirk gave a recap on the possible upcoming permits in May (Rock Solid Stone, City of Troy, Morgan's Point Resort)

14. Receive monthly report and possible consideration and Board action on the following:

a. Salado Creek stream flow gauges

Dirk presented an update on the stream flow gauges.

b. Education Outreach Update

Dirk presented an update on education outreach and Todd's accomplishments

c. Monitoring wells

Dirk presented the monitor well information to the Board

d. Rainfall/Drought Conditions

Dirk discussed the rainfall totals and drought conditions

e. Well registration

Shelly informed the Board that there was 1 grandfathered exempt well created and registered, and 1 new N2 permitted well in March.

f. Non-exempt Monthly well production

Dirk presented the monthly production report to the Board.

(Copies of the Monthly Staff Reports were given to the Board Members to review. No action required. Informational items only.)

15. Public Advisory Committee comments.³

None

16. Director comments³

None

17. Discuss agenda items for next meeting.

Agenda items:

1st Qtr Report for retirement plan
Rock Solid Stone Permit

18. Set time and place of next meeting.

May 13, 2014 @ 1:30

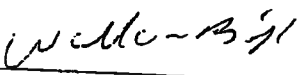
19. Adjourn.

Meeting adjourned by President, Leland Gersbach at 4:42 p.m.



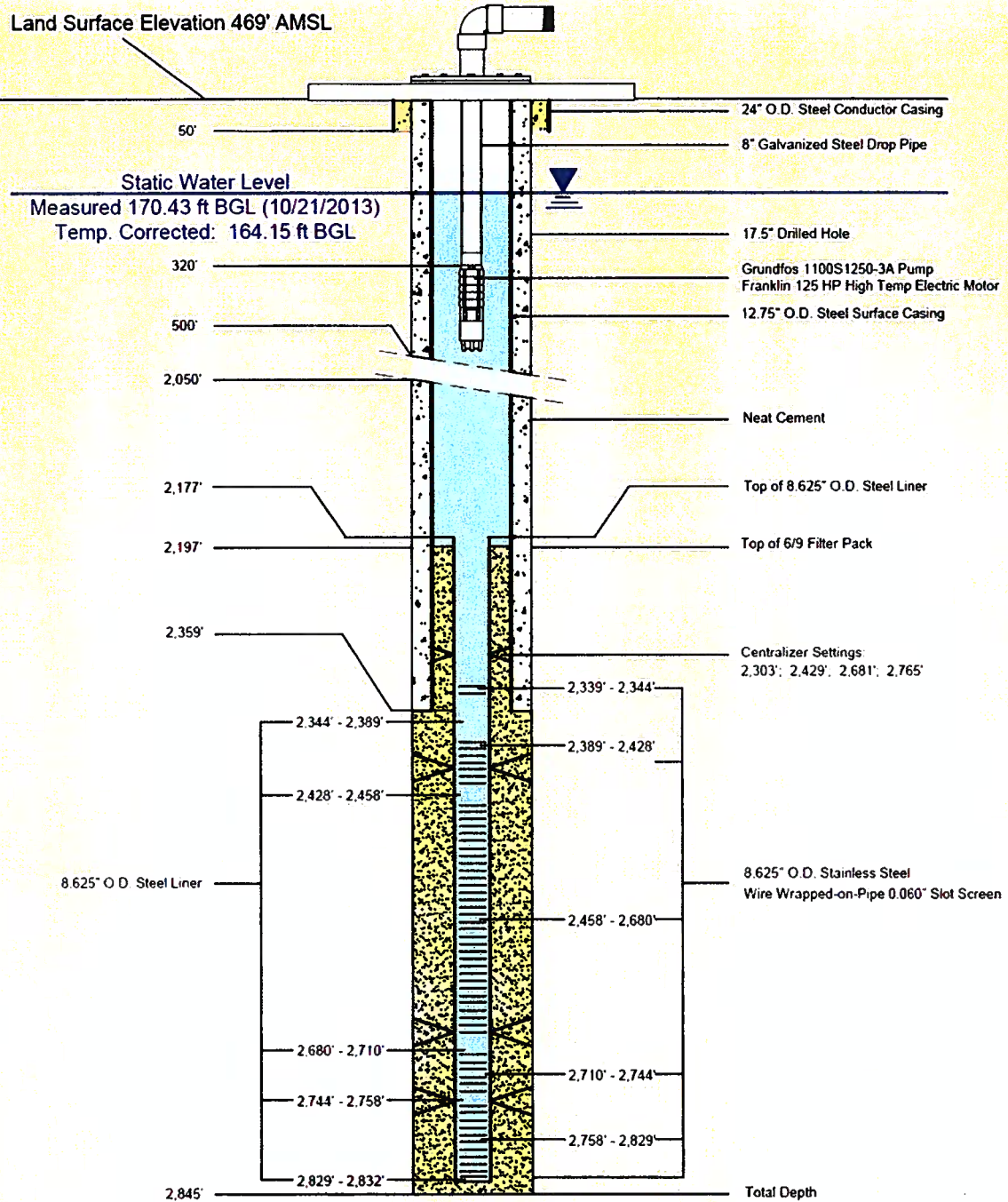
Leland Gersbach, President

ATTEST:



 Judy Parker ~~Board Secretary~~ Wallace Biskup
 Board Secretary Vice President

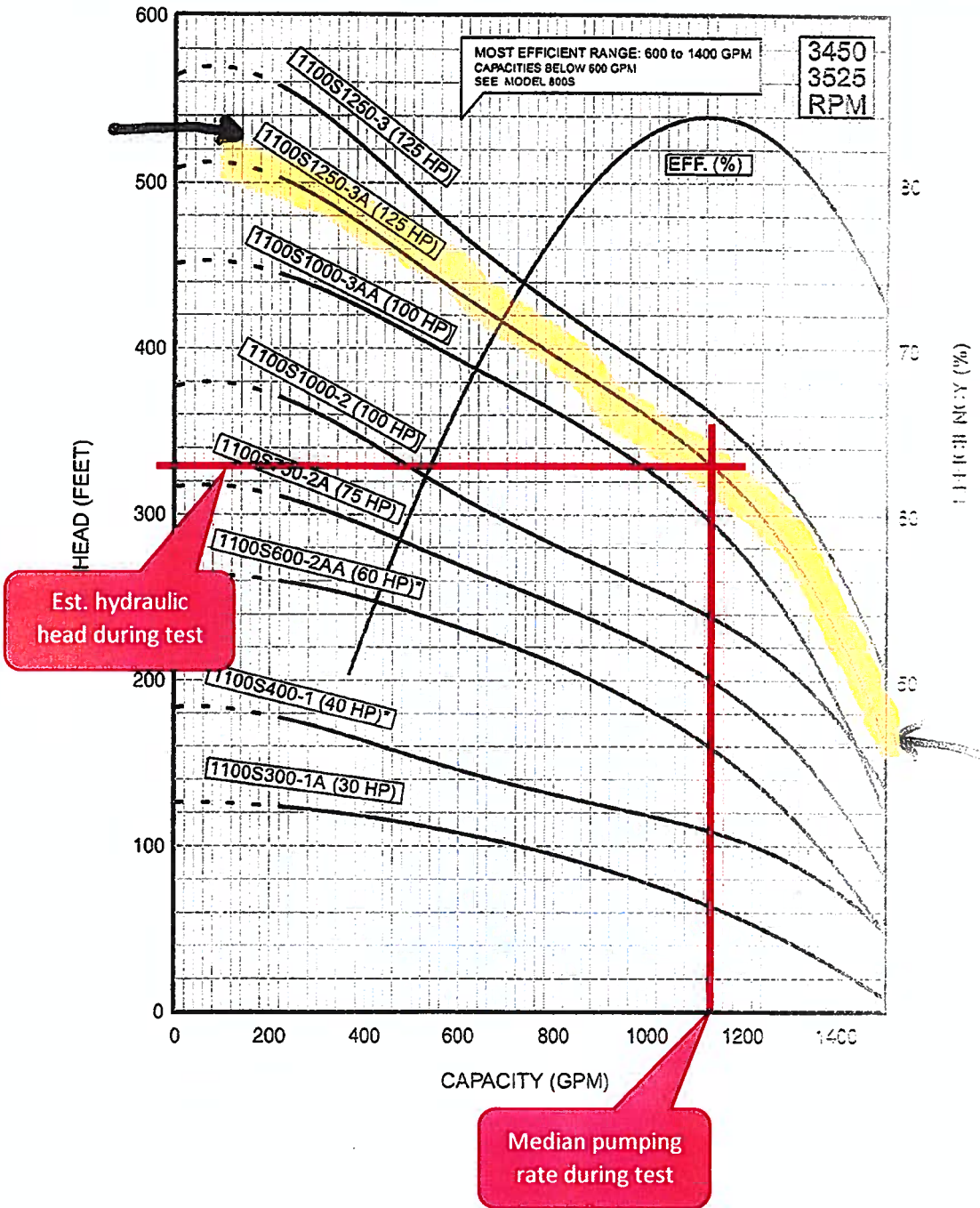
**Trinity Oasis LLC
Well Design & Pumping Capacity
Test**



FLOW RANGE: 220 -1400 GPM

OUTLET SIZE: 6" NPT

NOMINAL D.I.A. 10"

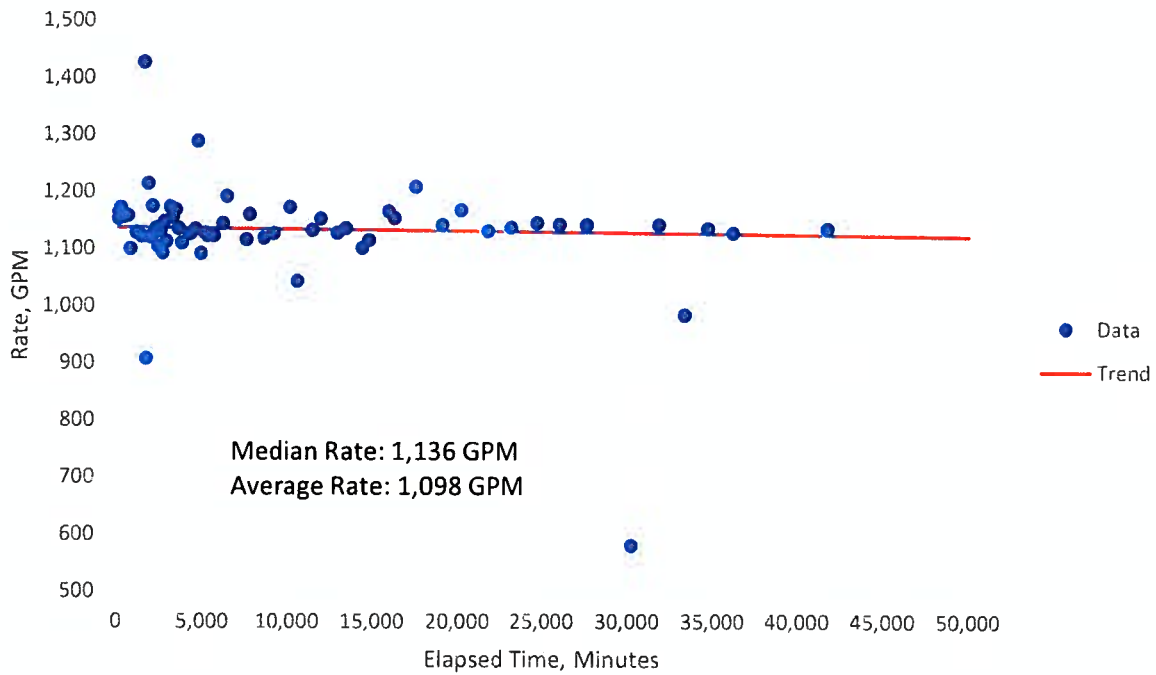


Estimated instantaneous rate for the TO well is 1,100 GPM based on:

- 30-Day pumping test average rate (see chart below)
- Pump installed in the well (see well diagram)
- Estimated hydraulic head during the 30-Day pumping test (see pump curve)

Estimated annual rate (assuming 366 days for a leap year):

- 100% run time (24-hours per day): 1,779 acre-feet
- 90% run time (21.6-hours per day): 1,601 acre-feet
- 80% run time (19.2-hours per day): 1,423 acre-feet
- 70% run time (16.8-hours per day): 1,245 acre-feet
- 60% run time (14.4-hours per day): 1,068 acre-feet
- 50% run time (12-hours per day): 890 acre-feet



30-Day pumping test data. Minimal change in trend over time.

Trinity Oasis LLC
Aggregate Production Operations
Registration #AP0002305



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O.Box 13087
Austin, Texas 78711-3087

AGGREGATE PRODUCTION OPERATIONS (APO) REGISTRATION

under the provisions of
Chapter 26 of the Texas Water Code and 30 Texas Administrative Code 342

Registration Number AP0002305

Registrant:

CN603094020
Hilliard Dozer, LP
12495 Reeds Lake Loop
Temple, TX 76501

Site Location:

RN105767461
Hilliard Dozer
12495 Reeds Lake Loop
Temple, TX 76501
Bell County

Registration Effective Date: June 15, 2017

Expiration Date: June 15, 2020

Issued Date: June 07, 2019

A handwritten signature in black ink, appearing to read "T. B. Baker".

FOR THE COMMISSION

You must renew this registration on or before the expiration date.

For more information, see the TCEQ website at: <http://www.tceq.texas.gov>, the APO program website at: <http://www.tceq.texas.gov/goto/apo> or contact the Applications Review & Processing Team by phone at (512) 239-2767 or by email at WO-ARPTeam@tceq.texas.gov.

Aggregate Production Operation Registration Client Information Sheet

Name of Facility: Hilliard Dozer, LP

Location of Facility: 12495 Reeds Lake Loop, Temple, TX 76501-7515

What type of Aggregate Production Operation is located at the site?

x	Aggregate Extraction
	Stationary Aggregate Processing Plant
x	Portable Aggregate Processing Plant
	Co-Located Aggregate Extraction and Processing Plant

What type of material are you extracting and/or processing at this site? Select all that apply:

	Granite
	Limestone
x	Gravel
x	Sand
	Caliche
x	Soil
	Other: (explain)

What is the amount of material in tons that is being extracted and/or processed at this site annually?

90,000

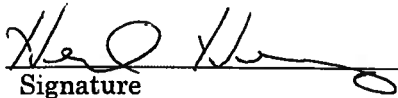
How many acres are disturbed by the production activities?

35

I certify that all of the information included in this client information form is correct.

Hector Hernandez

Company Officer


Signature

Manager

Title

4/22/2019

Date

Texas Commission on Environmental Quality
APO Registration Renewal
AP0002305

Site Information (Regulated Entity)

What is the name of the site to be authorized?	HILLIARD DOZER
Does the site have a physical address?	Yes
Physical Address	
Number and Street	12495 REEDS LAKE LOOP
City	TEMPLE
State	TX
ZIP	76501
County	BELL
Latitude (N) (##.#####)	30.965
Longitude (W) (-###.#####)	-97.311388
Primary SIC Code	1442
Secondary SIC Code	
Primary NAICS Code	212321
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN105767461
What is the name of the Regulated Entity (RE)?	TEMPLE FACILITY
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	12495 REEDS LAKE RD
City	ROGERS
State	TX
ZIP	76569
County	BELL
Latitude (N) (##.#####)	30.9652
Longitude (W) (-###.#####)	-97.3116
Facility NAICS Code	212321
What is the primary business of this entity?	FLEET REFUELING

Customer (Applicant) Information

How is this applicant associated with this site?	Responsible Party
What is the applicant's Customer Number (CN)?	CN603094020

Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Hilliard Dozer, LP
Texas SOS Filing Number	800561898
Federal Tax ID	
State Franchise Tax ID	12036809064
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	Hilliard Dozer, LP
Prefix	MR
First	JACK
Middle	
Last	HILLIARD
Suffix	
Credentials	
Title	PRESIDENT
Responsible Authority Mailing Address	
Enter new address or copy one from list:	Site Physical Address
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	12495 REEDS LAKE LOOP
Routing (such as Mail Code, Dept., or Attn:)	
City	TEMPLE
State	TX
ZIP	76501
Phone (###-###-####)	2549824122
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2549824016
E-mail	pgarcia@jhbud.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name	Hilliard Dozer, LP
Prefix	MR
First	HECTOR
Middle	
Last	HERNANDEZ
Suffix	
Credentials	
Title	MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	12495 REEDS LAKE LOOP
Routing (such as Mail Code, Dept., or Attn:)	
City	TEMPLE
State	TX
ZIP	76501
Phone (###-###-####)	2549824122
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2549824016
E-mail	pgarcia@jhbud.com

APO Registration Renewal General Characteristics

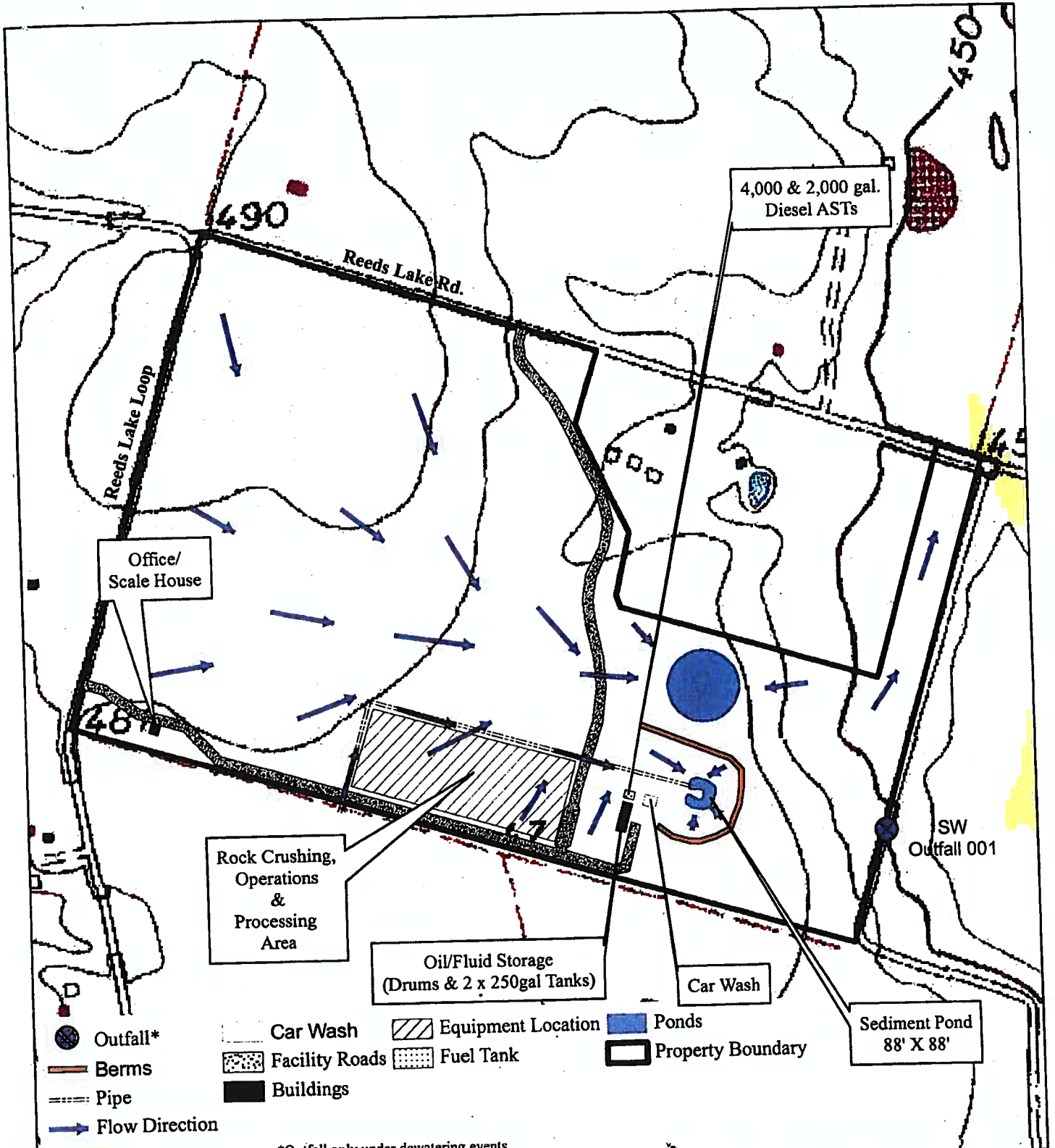
1) What type of material are you extracting at this site? Select one or more:	Sand Soil Gravel
2) What is the Primary SIC Code of the Aggregate Production Operation at this site?	1442
3) What is the total number of acres disturbed for this Aggregate Production Operation?	35
4) Do you need to update the aerial map for this registration?	No
5) Select the appropriate fee for your Aggregate Production Operation:	> 10 acres disturbed and <= 50 acres disturbed - \$375.00
6) I certify that I have read and understand the	Yes

terms and conditions of 30 Texas Administrative Code Chapter 342.

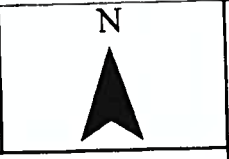
7) I understand that Aggregate Production Operations registrations under 30 Texas Administrative Code Chapter 342 must be renewed annually prior to expiration. Yes

8) I understand that I must cancel this registration when it is no longer needed. Yes

Trinity Oasis LLC
"Hill Country Environmental Inc"
Plot Plan & Drainage Map



SOURCE:
 USGS Topographic Map
 LITTLE RIVER & TEMPLE
 Quarter Quadrangles

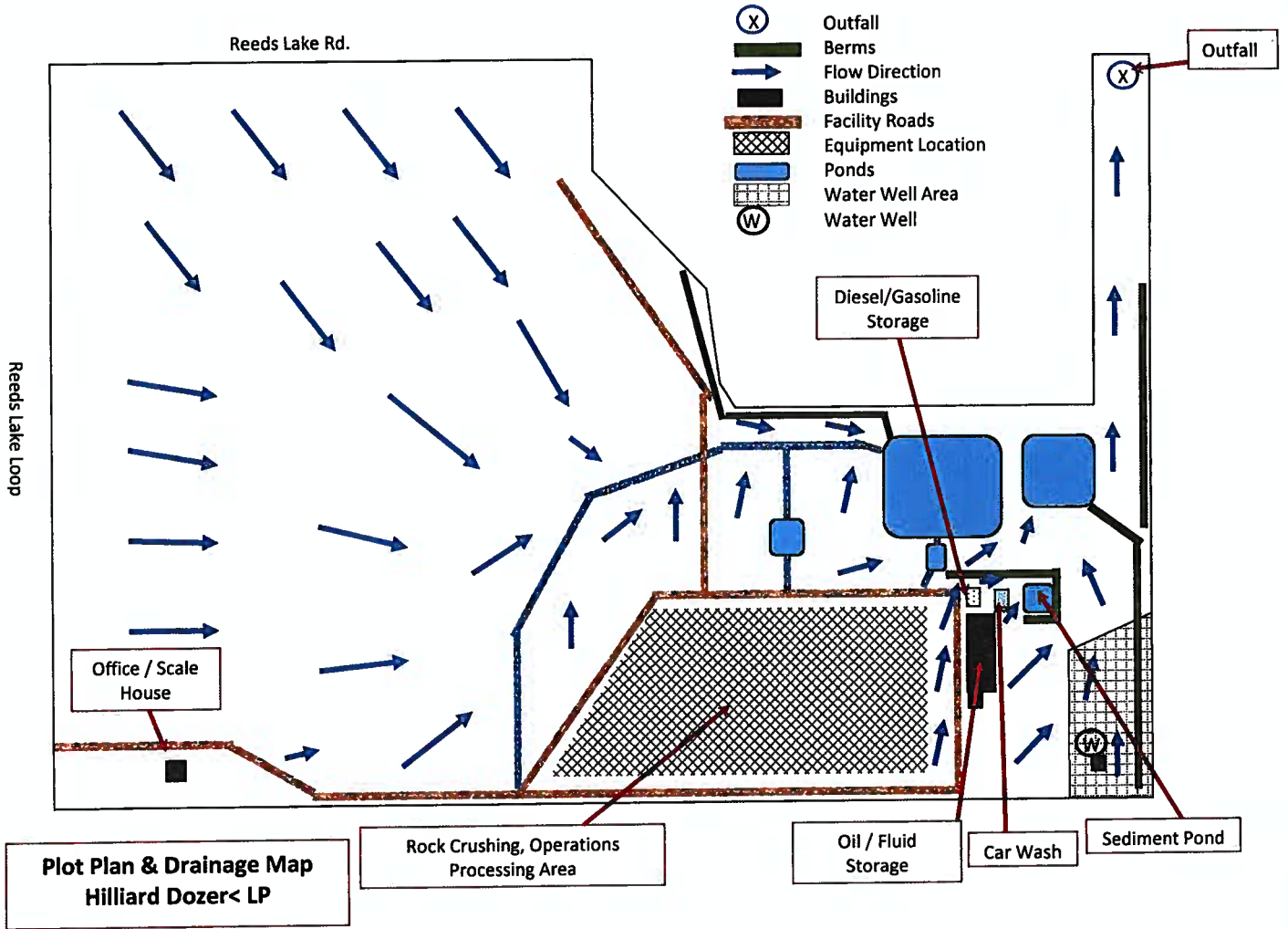


**Plot Plan & Drainage Map
 Hilliard Dozer, LP
 Bell County, Texas**

Hill Country Environmental, Inc.
 1613 Capital of Texas Hwy. S.
 Suite 201
 Austin, Texas 78746

Location:
 Northing: 30° 57' 43.74"
 Easting: -97° 18' 44.44"
 (At Rockcrusher Location)

SCALE:
 1" = 531'
 Date: January 2010



Trinity Oasis LLC
"Stormwater Pollution Plan" Verification
NPDES General Permit #TXR050000

SPILL PREVENTION & RESPONSE MEASURES

BRIEF DESCRIPTION OF ACTIVITIES

1. Control potential spills within suitable secondary containment: diked concrete slabs or drip pans.
2. Transfer spill into suitable labeled container. Container should be compatible with content: see label or Safety Data Sheet (SDS).
3. Never place sulfuric acid (battery fluid) in metal containers.
4. Never place gasoline or organic solvents in glass containers.
5. Avoid using excessive sorbent material to soak up spills: the weight of the sorbent must be counted as hazardous waste.
6. Provide spill prevention and control in employee training.
7. Spill potential areas. Refer to site map for identification of storage and transfer areas for liquids and dusts where spills are most likely to occur.
8. Shop. Avoid dust accumulation. Repair roof leaks and ground water run-on immediately. Use suitable vacuum cleaning and other dry cleanup methods to remove dust accumulation. Metal dust is a fire hazard, especially if wetted with oil or organic solvent.
9. Raw Material. Store indoors or on protected area away from ground water run-on. Anticipate spills and protect ground from contamination as appropriate.
10. Receiving, unloading, and storage areas. Clear area to prevent slips, trips, and falls. Handle liquids within diked, concrete covered area, over drip pans, and with suitable clean up material nearby.
11. Equipment Storage. Store indoors or in well-protected areas outdoors. Unprotected equipment that contains liquids, such as powered equipment with fuel, oil and coolant should be parked over drip pans or retention dikes to contain drips.
12. Metal working fluid storage. Metal working fluids can seriously contaminate storm water. Store indoors or on well-protected areas in leak proof containers. Use secondary drip and leak containment.
13. Cleaners and rinse water. Cleaning agents such as solvents, spent blast grit and beads, and rinse water should be containerized and disposed of or recycled properly. Handle over appropriate secondary containment.

14. Lubricating oil and hydraulic fluid. In small operations, inspect equipment and containers regularly for leakage. Use secondary containment. Clean up spill, immediately and dispose or recycle waste properly.
15. Chemical storage areas. Store all chemicals in well protected areas. Keep incompatible chemicals separate: do not store acids with bases or fuels with oxidizers. Use secondary containment. Do not store above eye level. Have appropriate spill clean-up kits available. Clean up spills immediately and dispose or recycle appropriately. Be aware of Hazardous Waste requirements.
16. Label and maintain spill response kits throughout the facility where there is a potential for spills.

FACILITY SPILL KIT INVENTORY

<u>ITEM</u>	<u>QUANTITY</u>	<u>SPILL KIT LOCATION</u>
Absorbent Pads	50-100	shop office
Absorbent	2 bags	shop

(o) Employee Training Program and Employee Education.

- (1) Training. A section within the SWP3 must be developed to establish a training program. Training must be provided to all employees who are responsible for implementing or maintaining activities identified in the SWP3. Employee training must include the following, at a minimum:
- a. proper material management and handling practices for specific chemicals, fluids, and other materials used or commonly encountered at the facility;
 - b. spill prevention methods;
 - c. the location of materials and equipment necessary for spill clean-up;
 - d. spill clean-up techniques;
 - e. proper spill reporting procedures; and
 - f. familiarization with good housekeeping measures, BMPs, and goals of the SWP3.

The schedule for employee training sessions must be developed based on pollutant potential, employee turnover rate, and other factors the permittee determines are applicable. Training must be conducted at least once per year and records of training activities and attendance lists must be maintained in the SWP3.

- (2) Education. Education must be provided to those employees at the facility who are not directly responsible for implementing or maintaining activities identified in the SWP3, and who do not participate in the employee training program. At a minimum, these employees must be informed of the basic goal of the SWP3 and how to contact the stormwater pollution prevention team regarding stormwater issues.

**Trinity Oasis LLC
Rainfall Records 2019
for SWPPP**

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: January 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
1 Tuesday	1/1/2019	0
2 Wednesday	1/2/2019	2.5"
3 Thursday	1/3/2019	1 3/4"
4 Friday	1/4/2019	0
5 Saturday	1/5/2019	0
6 Sunday	1/6/2019	0
7 Monday	1/7/2019	0
<i>Week 2</i>		
8 Tuesday	1/8/2019	0
9 Wednesday	1/9/2019	0
10 Thursday	1/10/2019	0
11 Friday	1/11/2019	0
12 Saturday	1/12/2019	0
13 Sunday	1/13/2019	0
14 Monday	1/14/2019	0
<i>Week 3</i>		
15 Tuesday	1/15/2019	0
16 Wednesday	1/16/2019	0
17 Thursday	1/17/2019	0
18 Friday	1/18/2019	0
19 Saturday	1/19/2019	0
20 Sunday	1/20/2019	0
21 Monday	1/21/2019	0
<i>Week 4</i>		
22 Tuesday	1/22/2019	0
23 Wednesday	1/23/2019	1/2"
24 Thursday	1/24/2019	0
25 Friday	1/25/2019	0
26 Saturday	1/26/2019	1/4"
27 Sunday	1/27/2019	0
28 Monday	1/28/2019	0
29 Tuesday	1/29/2019	0
30 Wednesday	1/30/2019	0
31 Thursday	1/31/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: February 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
1 Friday	2/1/2019	0
2 Saturday	2/2/2019	0
3 Sunday	2/3/2019	0
4 Monday	2/4/2019	0
5 Tuesday	2/5/2019	0
6 Wednesday	2/6/2019	0
7 Thursday	2/7/2019	0
<i>Week 2</i>		
8 Friday	2/8/2019	.01
9 Saturday	2/9/2019	0
10 Sunday	2/10/2019	1/2"
11 Monday	2/11/2019	0
12 Tuesday	2/12/2019	0
13 Wednesday	2/13/2019	0
14 Thursday	2/14/2019	0
<i>Week 3</i>		
15 Friday	2/15/2019	0
16 Saturday	2/16/2019	0
17 Sunday	2/17/2019	0
18 Monday	2/18/2019	0
19 Tuesday	2/19/2019	1/2"
20 Wednesday	2/20/2019	0
21 Thursday	2/21/2019	0
<i>Week 4</i>		
22 Friday	2/22/2019	.01
23 Saturday	2/23/2019	0
24 Sunday	2/24/2019	0
25 Monday	2/25/2019	0
26 Tuesday	2/26/2019	0
27 Wednesday	2/27/2019	.01
28 Thursday	2/28/2019	0
29		
30		
31		

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: March 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
1 Friday	3/1/2019	0
2 Saturday	3/2/2019	0
3 Sunday	3/3/2019	0
4 Monday	3/4/2019	0
5 Tuesday	3/5/2019	0
6 Wednesday	3/6/2019	0
7 Thursday	3/7/2019	0
<i>Week 2</i>		
8 Friday	3/8/2019	0
9 Saturday	3/9/2019	0
10 Sunday	3/10/2019	0
11 Monday	3/11/2019	0
12 Tuesday	3/12/2019	0
13 Wednesday	3/13/2019	1"
14 Thursday	3/14/2019	0
<i>Week 3</i>		
15 Friday	3/15/2019	0
16 Saturday	3/16/2019	0
17 Sunday	3/17/2019	0
18 Monday	3/18/2019	0
19 Tuesday	3/19/2019	0
20 Wednesday	3/20/2019	0
21 Thursday	3/21/2019	0
<i>Week 4</i>		
22 Friday	3/22/2019	0
23 Saturday	3/23/2019	0
24 Sunday	3/24/2019	0
25 Monday	3/25/2019	0
26 Tuesday	3/26/2019	0
27 Wednesday	3/27/2019	0
28 Thursday	3/28/2019	0
29 Friday	3/29/2019	0
30 Saturday	3/30/2019	0
31 Sunday	3/31/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: April 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Monday	4/1/2019	0
Tuesday	4/2/2019	0
Wednesday	4/3/2019	0
Thursday	4/4/2019	.02
Friday	4/5/2019	0
Saturday	4/6/2019	3"
Sunday	4/7/2019	
<i>Week 2</i>		
Monday	4/8/2019	0
Tuesday	4/9/2019	0
Wednesday	4/10/2019	0
Thursday	4/11/2019	0
Friday	4/12/2019	0
Saturday	4/13/2019	1"
Sunday	4/14/2019	0
<i>Week 3</i>		
Monday	4/15/2019	0
Tuesday	4/16/2019	0
Wednesday	4/17/2019	0
Thursday	4/18/2019	0
Friday	4/19/2019	0
Saturday	4/20/2019	0
Sunday	4/21/2019	0
<i>Week 4</i>		
Monday	4/22/2019	0
Tuesday	4/23/2019	0
Wednesday	4/24/2019	3 5/8"
Thursday	4/25/2019	0
Friday	4/26/2019	0
Saturday	4/27/2019	0
Sunday	4/28/2019	0
Monday	4/29/2019	0
Tuesday	4/30/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: May 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Wednesday	5/1/2019	0
Thursday	5/2/2019	2"
Friday	5/3/2019	5"
Saturday	5/4/2019	0
Sunday	5/5/2019	0
Monday	5/6/2019	0
Tuesday	5/7/2019	.10"
<i>Week 2</i>		
Wednesday	5/8/2019	2"
Thursday	5/9/2019	0
Friday	5/10/2019	.1"
Saturday	5/11/2019	1/4"
Sunday	5/12/2019	0
Monday	5/13/2019	0
Tuesday	5/14/2019	.10"
<i>Week 3</i>		
Wednesday	5/15/2019	0
Thursday	5/16/2019	0
Friday	5/17/2019	0
Saturday	5/18/2019	.3"
Sunday	5/19/2019	0
Monday	5/20/2019	0
Tuesday	5/21/2019	1/2"
<i>Week 4</i>		
Wednesday	5/22/2019	0
Thursday	5/23/2019	0
Friday	5/24/2019	0
Saturday	5/25/2019	0
Sunday	5/26/2019	0
Monday	5/27/2019	0
Tuesday	5/28/2019	0
Wednesday	5/29/2019	0
Thursday	5/30/2019	0
Friday	5/31/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: June 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Saturday	6/1/2019	0
Sunday	6/2/2019	0
Monday	6/3/2019	0
Tuesday	6/4/2019	0
Wednesday	6/5/2019	1/2"
Thursday	6/6/2019	1/2"
Friday	6/7/2019	0
<i>Week 2</i>		
Saturday	6/8/2019	0
Sunday	6/9/2019	0
Monday	6/10/2019	0.3
Tuesday	6/11/2019	0
Wednesday	6/12/2019	0
Thursday	6/13/2019	0
Friday	6/14/2019	0
<i>Week 3</i>		
Saturday	6/15/2019	0
Sunday	6/16/2019	1 3/4"
Monday	6/17/2019	0
Tuesday	6/18/2019	0
Wednesday	6/19/2019	0
Thursday	6/20/2019	0
Friday	6/21/2019	0
<i>Week 4</i>		
Saturday	6/22/2019	0
Sunday	6/23/2019	3 1/2"
Monday	6/24/2019	0
Tuesday	6/25/2019	0
Wednesday	6/26/2019	0
Thursday	6/27/2019	0
Friday	6/28/2019	0
Saturday	6/29/2019	3/4"
Sunday	6/30/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: August 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Thursday	8/1/2019	0
Friday	8/2/2019	0
Saturday	8/3/2019	0
Sunday	8/4/2019	0
Monday	8/5/2019	0
Tuesday	8/6/2019	0
Wednesday	8/7/2019	0
<i>Week 2</i>		
Thursday	8/8/2019	0
Friday	8/9/2019	0
Saturday	8/10/2019	0
Sunday	8/11/2019	0
Monday	8/12/2019	0
Tuesday	8/13/2019	0
Wednesday	8/14/2019	0
<i>Week 3</i>		
Thursday	8/15/2019	0
Friday	8/16/2019	0
Saturday	8/17/2019	0
Sunday	8/18/2019	0
Monday	8/19/2019	0
Tuesday	8/20/2019	0
Wednesday	8/21/2019	0
<i>Week 4</i>		
Thursday	8/22/2019	0
Friday	8/23/2019	0
Saturday	8/24/2019	0
Sunday	8/25/2019	0
Monday	8/26/2019	0
Tuesday	8/27/2019	0
Wednesday	8/28/2019	0
Thursday	8/29/2019	0
Friday	8/30/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: September 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Sunday	9/1/2019	0
Monday	9/2/2019	0
Tuesday	9/3/2019	0
Wednesday	9/4/2019	0
Thursday	9/5/2019	0
Friday	9/6/2019	0
Saturday	9/7/2019	0
<i>Week 2</i>		
Sunday	9/8/2019	0
Monday	9/9/2019	0
Tuesday	9/10/2019	0
Wednesday	9/11/2019	.01
Thursday	9/12/2019	0
Friday	9/13/2019	0
Saturday	9/14/2019	0
<i>Week 3</i>		
Sunday	9/15/2019	0
Monday	9/16/2019	.03
Tuesday	9/17/2019	0
Wednesday	9/18/2019	0
Thursday	9/19/2019	0
Friday	9/20/2019	0
Saturday	9/21/2019	0
<i>Week 4</i>		
Sunday	9/22/2019	0
Monday	9/23/2019	0
Tuesday	9/24/2019	0
Wednesday	9/25/2019	.02
Thursday	9/26/2019	0
Friday	9/27/2019	0
Saturday	9/28/2019	0
Sunday	9/29/2019	0
Monday	9/30/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: September 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Tuesday	10/01/2019	0
Wednesday	10/02/2019	0
Thursday	10/03/2019	0
Friday	10/04/2019	0
Saturday	10/05/2019	0
Sunday	10/06/2019	0
Monday	10/07/2019	0
<i>Week 2</i>		
Tuesday	10/08/2019	0
Wednesday	10/09/2019	0
Thursday	10/10/2019	0
Friday	10/11/2019	.02
Saturday	10/12/2019	0
Sunday	10/13/2019	0
Monday	10/14/2019	.03
<i>Week 3</i>		
Tuesday	10/15/2019	0
Wednesday	10/16/2019	0
Thursday	10/17/2019	0
Friday	10/18/2019	0
Saturday	10/19/2019	0
Sunday	10/20/2019	0
Monday	10/21/2019	0
<i>Week 4</i>		
Tuesday	10/22/2019	0
Wednesday	10/23/2019	0
Thursday	10/24/2019	0
Friday	10/25/2019	2
Saturday	10/26/2019	0
Sunday	10/27/2019	0
Monday	10/28/2019	1/8
Tuesday	10/29/2019	0
Wednesday	10/30/2019	0
Thursday	10/31/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: September 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Friday	11/01/2019	0
Saturday	11/02/2019	0
Sunday	11/03/2019	0
Monday	11/04/2019	0
Tuesday	11/05/2019	0
Wednesday	11/06/2019	0
Thursday	11/07/2019	.03
<i>Week 2</i>		
Friday	11/08/2019	.03
Saturday	11/09/2019	0
Sunday	11/10/2019	0
Monday	11/11/2019	.02
Tuesday	11/12/2019	.01
Wednesday	11/13/2019	0
Thursday	11/14/2019	.02
<i>Week 3</i>		
Friday	11/15/2019	0
Saturday	11/16/2019	0
Sunday	11/17/2019	0
Monday	11/18/2019	0
Tuesday	11/19/2019	0
Wednesday	11/20/2019	0
Thursday	11/21/2019	0
<i>Week 4</i>		
Friday	11/22/2019	0
Saturday	11/23/2019	0
Sunday	11/24/2019	0
Monday	11/25/2019	0
Tuesday	11/26/2019	0
Wednesday	11/27/2019	0
Thursday	11/28/2019	.01
Friday	11/29/2019	.02
Saturday	11/30/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: December 2019	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Sunday	12/01/2019	0
Monday	12/02/2019	0
Tuesday	12/03/2019	0
Wednesday	12/04/2019	0
Thursday	12/05/2019	0
Friday	12/06/2019	0
Saturday	12/07/2019	0
<i>Week 2</i>		
Sunday	12/08/2019	0
Monday	12/09/2019	0
Tuesday	12/10/2019	1/2"
Wednesday	12/11/2019	0
Thursday	12/12/2019	0
Friday	12/13/2019	0
Saturday	12/14/2019	0
<i>Week 3</i>		
Sunday	12/15/2019	0
Monday	12/16/2019	.01
Tuesday	12/17/2019	0
Wednesday	12/18/2019	0
Thursday	12/19/2019	0
Friday	12/20/2019	0
Saturday	12/21/2019	0
<i>Week 4</i>		
Sunday	12/22/2019	0
Monday	12/23/2019	0
Tuesday	12/24/2019	0
Wednesday	12/25/2019	.02
Thursday	12/26/2019	0
Friday	12/27/2019	0
Saturday	12/28/2019	0
Sunday	12/29/2019	0
Monday	12/30/2019	0
Tuesday	12/31/2019	0

**Trinity Oasis LLC
Rainfall Records 2020
for SWPPP**

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: January 2020	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Wednesday	01/01/2019	0
Thursday	01/02/2019	0
Friday	01/03/2019	0
Saturday	01/04/2019	0
Sunday	01/05/2019	0
Monday	01/06/2019	0
Tuesday	01/07/2019	0
<i>Week 2</i>		
Wednesday	01/08/2019	0
Thursday	01/09/2019	0
Friday	01/10/2019	2"
Saturday	01/11/2019	0
Sunday	01/12/2019	0
Monday	01/13/2019	0
Tuesday	01/14/2019	0
<i>Week 3</i>		
Wednesday	01/15/2019	0
Thursday	01/16/2019	.02
Friday	01/17/2019	3/4"
Saturday	01/18/2019	0
Sunday	01/19/2019	0
Monday	01/20/2019	0
Tuesday	01/21/2019	0
<i>Week 4</i>		
Wednesday	01/22/2019	1 1/2"
Thursday	01/23/2019	0
Friday	01/24/2019	0
Saturday	01/25/2019	0
Sunday	01/26/2019	0
Monday	01/27/2019	0
Tuesday	01/28/2019	1/4"
Wednesday	01/29/2019	0
Thursday	01/30/2019	0
Friday	01/31/2019	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: February 2020	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Saturday	02/01/2020	0
Sunday	02/02/2020	0
Monday	02/03/2020	.02
Tuesday	02/04/2020	0
Wednesday	02/05/2020	0
Thursday	02/06/2020	0
Friday	02/07/2020	0
<i>Week 2</i>		
Saturday	02/08/2020	0
Sunday	02/09/2020	0
Monday	02/10/2020	.03
Tuesday	02/11/2020	1/4"
Wednesday	02/12/2020	2"
Thursday	02/13/2020	0
Friday	02/14/2020	0
<i>Week 3</i>		
Saturday	02/15/2020	0
Sunday	02/16/2020	0
Monday	02/17/2020	.01
Tuesday	02/18/2020	1/4"
Wednesday	02/19/2020	1/2"
Thursday	02/20/2020	.03
Friday	02/21/2020	0
<i>Week 4</i>		
Saturday	02/22/2020	0
Sunday	02/23/2020	0
Monday	02/24/2020	0
Tuesday	02/25/2020	0
Wednesday	02/26/2020	0
Thursday	02/27/2020	0
Friday	02/28/2020	0
Saturday	02/29/2020	0
Sunday		
Monday		

Rainfall Record

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Month/Year: March 2020	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Sunday	03/01/2020	0
Monday	03/02/2020	0
Tuesday	03/03/2020	0
Wednesday	03/04/2020	1"0
Thursday	03/05/2020	0
Friday	03/06/2020	0
Saturday	03/07/2020	0
<i>Week 2</i>		
Sunday	03/08/2020	0
Monday	03/09/2020	1/4"
Tuesday	03/10/2020	0
Wednesday	03/11/2020	0
Thursday	03/12/2020	0
Friday	03/13/2020	0
Saturday	03/14/2020	0
<i>Week 3</i>		
Sunday	03/15/2020	0
Monday	03/16/2020	0
Tuesday	03/17/2020	0
Wednesday	03/18/2020	0
Thursday	03/19/2020	0
Friday	03/20/2020	1/2"
Saturday	03/21/2020	3/4"
<i>Week 4</i>		
Sunday	03/22/2020	.01
Monday	03/23/2020	0
Tuesday	03/24/2020	0
Wednesday	03/25/2020	0
Thursday	03/26/2020	0
Friday	03/27/2020	0
Saturday	03/28/2020	0
Sunday	03/29/2020	0
Monday	03/30/2020	1/2"
Tuesday	03/31/2020	0

Rainfall Record

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Month/Year: April 2020	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Wednesday	04/01/2020	1"
Thursday	04/02/2020	.25
Friday	04/03/2020	.25
Saturday	04/04/2020	1/2"
Sunday	04/05/2020	.10
Monday	04/06/2020	0
Tuesday	04/07/2020	0
<i>Week 2</i>		
Wednesday	04/08/2020	0
Thursday	04/09/2020	1/2"
Friday	04/10/2020	.10
Saturday	04/11/2020	.20
Sunday	04/12/2020	1/2"
Monday	04/13/2020	0
Tuesday	04/14/2020	0
<i>Week 3</i>		
Wednesday	04/15/2020	0
Thursday	04/16/2020	0
Friday	04/17/2020	0
Saturday	04/18/2020	0
Sunday	04/19/2020	0
Monday	04/20/2020	0
Tuesday	04/21/2020	0
<i>Week 4</i>		
Wednesday	04/22/2020	0
Thursday	04/23/2020	0
Friday	04/24/2020	0
Saturday	04/25/2020	0
Sunday	04/26/2020	0
Monday	04/27/2020	0
Tuesday	04/28/2020	2 3/4"
Wednesday	04/29/2020	0
Thursday	04/30/2020	0

Rainfall Record

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Month/Year: May 2020	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Friday	05/01/2020	0
Saturday	05/02/2020	0
Sunday	05/03/2020	0
Monday	05/04/2020	0
Tuesday	05/05/2020	0
Wednesday	05/06/2020	0
Thursday	05/07/2020	0
<i>Week 2</i>		
Friday	05/08/2020	0
Saturday	05/09/2020	0
Sunday	05/10/2020	0
Monday	05/11/2020	0
Tuesday	05/12/2020	1 1/2"
Wednesday	05/13/2020	0
Thursday	05/14/2020	0
<i>Week 3</i>		
Friday	05/15/2020	1 1/2"
Saturday	05/16/2020	0
Sunday	05/17/2020	0
Monday	05/18/2020	0
Tuesday	05/19/2020	0
Wednesday	05/20/2020	0
Thursday	05/21/2020	0
<i>Week 4</i>		
Friday	05/22/2020	0
Saturday	05/23/2020	1 1/2"
Sunday	05/24/2020	1"
Monday	05/25/2020	1/4"
Tuesday	05/26/2020	0
Wednesday	05/27/2020	0
Thursday	05/28/2020	0
Friday	05/29/2020	0
Saturday	05/30/2020	0
Sunday	05/31/2020	0

Rainfall Record

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Month/Year: June 2020	Date of Inspection	Rain Gauge Reading (Inches)
<i>Week 1</i>		
Monday	06/01/2020	0
Tuesday	06/02/2020	0
Wednesday	06/03/2020	0
Thursday	06/04/2020	0
Friday	06/05/2020	0
Saturday	06/06/2020	0
Sunday	06/07/2020	0
<i>Week 2</i>		
Monday	06/08/2020	0
Tuesday	06/09/2020	0
Wednesday	06/10/2020	0
Thursday	06/11/2020	0
Friday	06/12/2020	0
Saturday	06/13/2020	0
Sunday	06/14/2020	0
<i>Week 3</i>		
Monday	06/15/2020	0
Tuesday	06/16/2020	0
Wednesday	06/17/2020	0
Thursday	06/18/2020	0
Friday	06/19/2020	0
Saturday	06/20/2020	3/4"
Sunday	06/21/2020	0
<i>Week 4</i>		
Monday	06/22/2020	0
Tuesday	06/23/2020	1/2"
Wednesday	06/24/2020	5/8"
Thursday	06/25/2020	0
Friday	06/26/2020	0
Saturday	06/27/2020	0
Sunday	06/28/2020	0
Monday	06/29/2020	0
Tuesday	06/30/2020	0

Rainfall Record

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Month/Year: July 2020	Date of Inspection	Rain Gauge Reading (Inches)
Week 1		
Wednesday	7/1	0
Thursday	7/2	0
Friday	7/3	0
Saturday	7/4	0
Sunday	7/5	0
Monday	7/6	0
Tuesday	7/7	.25"
Week 2		
Wednesday	7/8	0
Thursday	7/9	0
Friday	7/10	0
Saturday	7/11	0
Sunday	7/12	0
Monday	7/13	0
Tuesday	7/14	0
Week 3		
Wednesday	7/15	0
Thursday	7/16	0
Friday	7/17	0
Saturday	7/18	0
Sunday	7/19	0
Monday	7/20	0
Tuesday	7/21	0
Week 4		
Wednesday	7/22	0
Thursday	7/23	0
Friday	7/24	0
Saturday	7/25	0
Sunday	7/26	2.5"
Monday	7/27	0
Tuesday	7/28	0
Wednesday	7/29	0
Thursday	7/30	0
Friday	7/31	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: August 2020	Date of Inspection	Rain Gauge Reading (Inches)
Week 1		
Saturday	8/1	0
Sunday	8/2	0
Monday	8/3	.02
Tuesday	8/4	0
Wednesday	8/5	0
Thursday	8/6	0
Friday	8/7	0
Week 2		
Saturday	8/8	0
Sunday	8/9	0
Monday	8/10	0
Tuesday	8/11	0
Wednesday	8/12	0
Thursday	8/13	0
Friday	8/14	0
Week 3		
Saturday	8/15	0
Sunday	8/16	0
Monday	8/17	0
Tuesday	8/18	0
Wednesday	8/19	0
Thursday	8/20	0
Friday	8/21	0
Week 4		
Saturday	8/22	0
Sunday	8/23	0
Monday	8/24	0
Tuesday	8/25	0
Wednesday	8/26	.02
Thursday	8/27	0
Friday	8/28	0
Saturday	8/29	0
Sunday	8/30	0
Monday	8/31	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: September 2020	Date of Inspection	Rain Gauge Reading (Inches)
Week 1		
Tuesday	9/1	0
Wednesday	9/2	4"
Thursday	9/3	1"
Friday	9/4	0
Saturday	9/5	1/2"
Sunday	9/6	0
Monday	9/7	0
Week 2		
Tuesday	9/8	1"
Wednesday	9/9	0
Thursday	9/10	0
Friday	9/11	0
Saturday	9/12	0
Sunday	9/13	0
Monday	9/14	0
Week 3		
Tuesday	9/15	0
Wednesday	9/16	0
Thursday	9/17	0
Friday	9/18	0
Saturday	9/19	0
Sunday	9/20	0
Monday	9/21	1"
Week 4		
Tuesday	9/22	1/2"
Wednesday	9/23	0
Thursday	9/24	.04
Friday	9/25	0
Saturday	9/26	0
Sunday	9/27	0
Monday	9/28	0
Tuesday	9/29	0
Wednesday	9/30	0

Rainfall Record

Inspect rain gauge weekly at a minimum and daily during storm events. A rainfall amount of 0.1 inch is considered a representative storm event during which monitoring and/or sampling of discharge from outfalls should be conducted at the frequency by the SWPPP.

Month/Year: October 2020	Date of Inspection	Rain Gauge Reading (Inches)
Week 1		
Thursday	10/1	0
Friday	10/2	0
Saturday	10/3	0
Sunday	10/4	0
Monday	10/5	0
Tuesday	10/6	0
Wednesday	10/7	0
Week 2		
Thursday	10/8	0
Friday	10/9	0
Saturday	10/10	0
Sunday	10/11	0
Monday	10/12	0
Tuesday	10/13	0
Wednesday	10/14	0
Week 3		
Thursday	10/15	0
Friday	10/16	0
Saturday	10/17	0
Sunday	10/18	0
Monday	10/19	0
Tuesday	10/20	0
Wednesday	10/21	0
Week 4		
Thursday	10/22	0
Friday	10/23	0
Saturday	10/24	0
Sunday	10/25	0
Monday	10/26	0
Tuesday	10/27	0
Wednesday	10/28	1/4"
Thursday	10/29	0
Friday	10/30	0
Saturday	10/31	0

Rainfall Record

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Month/Year: November 2020	Date of Inspection	Rain Gauge Reading (Inches)
Week 1		
Sunday	11/1	0
Monday	11/2	0
Tuesday	11/3	0
Wednesday	11/4	0
Thursday	11/5	0
Friday	11/6	0
Saturday	11/7	0
Week 2		
Sunday	11/8	0
Monday	11/9	0
Tuesday	11/10	0
Wednesday	11/11	0
Thursday	11/12	0
Friday	11/13	0
Saturday	11/14	0
Week 3		
Sunday	11/15	0
Monday	11/16	0
Tuesday	11/17	0
Wednesday	11/18	0
Thursday	11/19	0
Friday	11/20	0
Saturday	11/21	0
Week 4		
Sunday	11/22	0
Monday	11/23	0
Tuesday	11/24	.01
Wednesday	11/25	1/2"
Thursday	11/26	0
Friday	11/27	.02
Saturday	11/28	1/4"
Sunday	11/29	0
Monday	11/30	0

Rainfall Record

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Month/Year: December 2020	Date of Inspection	Rain Gauge Reading (Inches)
Week 1		
Tuesday	12/1	0
Wednesday	12/2	0
Thursday	12/3	0
Friday	12/4	0
Saturday	12/5	0
Sunday	12/6	0
Monday	12/7	0
Week 2		
Tuesday	12/8	0
Wednesday	12/9	0
Thursday	12/10	0
Friday	12/11	1/4"
Saturday	12/12	0
Sunday	12/13	.02
Monday	12/14	0
Week 3		
Tuesday	12/15	0
Wednesday	12/16	0
Thursday	12/17	0
Friday	12/18	0
Saturday	12/19	1/2"
Sunday	12/20	0
Monday	12/21	0
Week 4		
Tuesday	12/22	0
Wednesday	12/23	0
Thursday	12/24	0
Friday	12/25	0
Saturday	12/26	0
Sunday	12/27	0
Monday	12/28	0
Tuesday	12/29	0
Wednesday	12/30	1 1/2"
Thursday	12/31	2"