



COMAL COUNTY

ENGINEER'S OFFICE

Permit of Authorization to Construct an On-Site Sewage Facility Permit Valid For One Year From Date Issued

Permit Number: 118646
Issued This Date: 06/12/2025
This permit is hereby given to: Joram Michael Hadden

To start construction of a private, on-site sewage facility located at:

1029 ADYSON RIDGE DR
CITY OF BULVERDE, TX 78163

Subdivision: Centennial Ridge
Unit: 3
Lot: 41
Block: 1
Acreage: 5.1300

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic
Surface Irrigation

This permit gives permission for the construction of the above referenced on-site facility to commence. Installation must be completed by an installer holding a valid registration card from the Texas Commission on Environmental Quality (TCEQ). Installation and inspection must comply with current TCEQ and Comal County requirements.

Call (830) 608-2090 to schedule inspections.

RECEIVED

By Kathy Griffin at 10:05 am, May 20, 2025



COMAL COUNTY

ENGINEER'S OFFICE

OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded items

--	--

Date Received

Initials

118646

Permit Number

Instructions:

Place a check mark next to all items that apply. For items that do not apply, place "N/A". This OSSF Development Application Checklist **must** accompany the completed application.

OSSF Permit

- ☒ Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate
- ☒ Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer
- ☒ Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.
- ☒ Required Permit Fee - See Attached Fee Schedule
- ☒ Copy of Recorded Deed
- ☒ Surface Application/Aerobic Treatment System
 - ☒ Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public
 - ☒ Signed Maintenance Contract with Effective Date as Issuance of License to Operate

I affirm that I have provided all information required for my OSSF Development Application and that this application constitutes a completed OSSF Development Application.

Signature of Applicant

5/14/2025

Date

___ COMPLETE APPLICATION

Check No. _____ Receipt No. _____

INCOMPLETE APPLICATION

___ (Missing Items Circled, Application Refused)

RECEIVED

By Kathy Griffin at 10:05 am, May 20, 2025



ENGINEER'S OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEO.ORG

Date _____

Permit Number 118646

1. APPLICANT / AGENT INFORMATION

Owner Name Joram Michael Hadden
Mailing Address 257 Deer Cross Ln
City, State, Zip San Antonio, TX 78260
Phone # _____
Email joramhadden@gmail.com

Agent Name Doug Dowlearn R.S.
Agent Address PO BOX 212
City, State, Zip Bulverde, TX 78163
Phone # 210-878-8100
Email TXSEPTIC@GMAIL.COM

2. LOCATION

Subdivision Name Centennial Ridge Unit 3 Lot 41 Block 1
Survey Name / Abstract Number _____ Acreage 5.13
Address 1029 Adyson Ridge City Bulverde State TX Zip 78163

3. TYPE OF DEVELOPMENT

☒ Single Family Residential
Type of Construction (House, Mobile, RV, Etc.) HOUSE
Number of Bedrooms 4
Indicate Sq Ft of Living Area 2833

☐ Non-Single Family Residential
(Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area)
Type of Facility _____
Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants _____
Restaurants, Lounges, Theaters - Indicate Number of Seats _____
Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds _____
Travel Trailer/RV Parks - Indicate Number of Spaces _____
Miscellaneous _____

Estimated Cost of Construction: \$ - _____ (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?

☐ Yes ☒ No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water ☐ Public ☒ Private Well ☐ Rainwater

4. SIGNATURE OF OWNER

By signing this application, I certify that:

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property.
- Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities..
- I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Joram Hadden
Signature of Owner

5/7/2025

Date



ON-SITE SEWAGE FACILITY APPLICATION

Planning Materials & Site Evaluation as Required Completed By Doug Dowlearn R.S.

System Description Aerobic with spray disposal

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) 600 Absorption/Application Area (Sq Ft) 4688

Gallons Per Day (As Per TCEQ Table III) 300

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)

Is the property located over the Edwards Recharge Zone? ☐ Yes ☒ No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

Is there at least one acre per single family dwelling as per 285.40(c)(1)? ☒ Yes ☐ No

If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? ☐ Yes ☒ No

(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ No

Is there an existing TCEQ approval CZP for the property? ☒ Yes ☐ No

(If yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☐ Yes ☐ No

(If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to Construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)

Is this property within an incorporated city? ☒ Yes ☐ No

If yes, indicate the city: Bulverde

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.

- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Designer

5/14/2025

Date



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**COUNTY OF COMAL
STATE OF TEXAS**

AFFIDAVIT TO THE PUBLIC

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

According to Texas Commission on Environmental Quality (TCEQ) Rules for On-Site Sewage Facilities (OSSFs), this document is filed in the Deed Records of Comal County, Texas.

I
The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCEQ) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and § 5.013, give the commission primary responsibility for implementing the laws of the State of Texas relating to water and adopting rules necessary to carry out its powers and duties under the TWC. The commission, under the authority of the TWC and the Texas Health and Safety Code, requires owners to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the commission requires a recorded affidavit. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This recorded affidavit is not a representation or warranty by the commission of the suitability of this OSSF, nor does it constitute any guarantee by the commission that the appropriate OSSF was installed.

II
An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code § 285.91 (12) will be installed on the property described as (insert legal description):

Centennial Ridge Unit 3, Lot 41, Block 1

The property is owned by (Insert owner's full name):

Joram Michael Hadden

This OSSF must be covered by a continuous maintenance contract for the first two years. After the initial two-year service policy, the owner of an aerobic treatment system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.

Upon sale or transfer of the above described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for OSSF may be obtained from Comal County Engineer's Office.

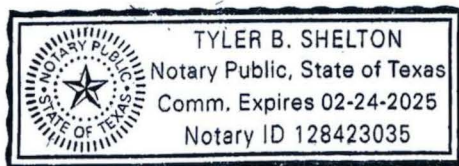
WITNESS BY HAND(S) ON THIS 7th DAY OF May 2025.

[Signature]
Owner(s) signature(s)

Joram Hadden
(PRINTED NAME) /TITLE

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 7 DAY OF May.

Tyler B. Shelton
Notary Public, State of Texas
Notary's Printed Name: Tyler B. Shelton
My Commission Expires: 02/24/2025



Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
05/09/2025 03:57:16 PM
TAMMY 1 Page(s)
202506013736



Bobbie Koepp



PERMIT#

On-Site Sewage Facility (OSSF) Service Agreement

- I. **General:** This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between Joram Hadden, (hereinafter referred to as "Client") and SOTX Septic Services (hereinafter to as "Contractor"). By this agreement, Contractor agrees to render services, as described herein, and the Client agrees to fulfill his/her/their responsibilities under this agreement as described herein.
- II. **Effective Dates:** This agreement commences on receipt of full payment and runs for two (2) years. Agreement's... Starting Date: (Date License to Operate is Issued) Ending Date: (2yrs. From Date of LTO)
- III. **Services by Contractor:** Contractor will provide the following services (hereinafter referred to as the "Services"):
 1. In compliance with Agency (TCEQ and/or County) and manufacturer's requirements, inspect and perform routine maintenance on the On-Site Sewage Facility (hereinafter referred to as the "OSSF") three (3) times per year (approximately once every four (4) months).
 2. Report to the appropriate regulatory authority and to the Client, as is required by both the State's on-site rules and the local Agency's rules, if more stringent. All findings must be reported to the local Agency within 14 days.
 3. If any components of the OSSF are found to need repair during the inspection, the Contractor will notify the Client of the repairs needed.
 4. Visit in response to Client's request(s) for unscheduled service(s) within two business days from the date of Contractor's receipt of Client's request. All unscheduled responses are in addition to the fee covered by this Agreement and will be billed to the Client.
 5. Provide notification of arrival to site to the homeowner or to site personnel. Additionally, written notification of the visit will be left at the site or with site personnel upon completion or inspection, as well as, forwarded to agency within 14 days.
- IV. **Site Location:** The Services are to be performed at the property located at:
1029 Adyson Ridge, Bulverde, TX 78163
- V. **Payment(s):** The fee for this Agreement only covers the Services describes herein. This fee does not cover equipment, parts or labor supplied for the repairs or charges for unscheduled Client-request trips to the site. Payments for such additional services are due when service is provided or rendered. Payments not received within 30 days from due date will be subjected to a \$20.00 late penalty and / or a 1.5% carrying charge, whichever is greater, in addition the reasonable attorney's fees and all costs of collection incurred by Contractor in collection of any unpaid debt(s). By signing this contract, the Client is authorizing the Contractor to remove any parts which were installed but not paid for at the end of 30 days. The Client is still responsible for any labor costs associated with the installation and remove of said parts.

Initials...

Customer: JH

Contractor: CDH

Client's Responsibilities: The Client is responsible for each and all the following:

1. Maintain chlorinator and provide proper chlorine supply, if OSSF is equipped with same.
2. Provide all necessary yard or lawn maintenance and removal of obstacles as needed to allow the OSSF to function properly, and to allow Contractor easy access to all parts of the OSSF.
3. Maintain a current license to operate and abide by the conditions and limitations of that license and all requirements for on-site sewage facilities (OSSF's) from the State and local regulatory agency, as well as manufacturer's recommendations.
4. Immediately notify the Contractor and Agency of all problems with, including the failure of the OSSF.
5. Upon receiving a written notification of services needed from the Contractor, it becomes the Client's responsibility to contact the Contractor to authorize the service. If the Client chooses to use a different contractor to perform the service, the Client's responsible for ensuring the contractor holds the proper license (installer II) and is certified by the manufacturer. Also, the Client is responsible for ensuring proper notification is given to the Agency, as required by the State and local Agency rules.
6. Provide the Contractor with water usage records, upon request, for evaluation by the Contractor of the OSSF performance.
7. Clients residing in Harris County should allow for samples at both the inlet and outlet to the OSSF to be obtained by the Contractor for the purpose of evaluating the OSSF's performance when requested by the Client. If these samples are sent to the lab for testing, the Client will directly pay the lab for the cost of the testing plus pay the Contractor for all man-hours expended in providing this additional service at the rate of \$75.00 per hour measured from office to site, site to lab, and lab to office, otherwise known as portal to portal.
8. Not allow the backwash from water treatment or water conditioning equipment to enter the OSSF.
9. Provide for pumping of tanks, when needed, at Clients expense.
10. Maintain site drainage to prevent adverse effects on OSSF.
11. Promptly and fully pay Contactor's bills, fees, or invoices as described herein.

- VI. Access by Contractor:** Contractor, or personnel authorized by the Contractor, may enter the property at reasonable times without prior notice for the purpose of performing the above-described Services. Contractor will require access to the OSSF electrical and physical components, including tanks, by means of manways or risers for the purpose of evaluations required by manufacturer, and/ or rules. If such manways or risers are not in place, excavation together with other labor and materials will be required and will be billed to Client as additional service at the rate of \$75.00 per hour, plus materials billed at list price. Excavated soil is to be replaced as best as reasonably possible.
- VII. Application or Transfer of Payments:** The fees paid for this agreement may transfer to subsequent owner(s); however, this agreement will not transfer. The subsequent owner(s) must sign a similar agreement authorizing Contractor to perform the above-described Services and accepting Client's responsibilities. This replacement Agreement must be signed and received within 30 days of transfer of ownership. Contractor will apply all funds received from Client first to any past due obligations arising from this Agreement including late charges, return check charges, and charges for repairs or services not paid within 30 days of invoicing. The consumption of the payment in this manner may lead to early termination of the agreement by Contractor.
- VIII. Termination of Agreement:** This Agreement may be terminated by either party within 30 days written notice in the event of substantial failure to perform in accordance with its terms by the other party without fault of the terminating party. If this Agreement is so terminated, Contractor shall be paid at the rate of \$75.00 per hour for any work performed, but not yet paid. The party terminating will immediately notify the other party, the equipment manufacturer, and the regulatory agency of the termination.
- IX. Limits of Liability:** In no event shall the Contractor be liable for indirect, consequential, incidental or punitive damages, whether in contract tort or any other theory. In no event the Contractor's liability for direct damages exceed the price for the Services described in this Agreement.
- X. Severability:** If any provision in the Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If court finds that any provision of this

Initials...

Customer: JH

Contractor: CDH

Agreement is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be written, construed, and enforced as so limited.

XI. Performance of Agreement: Commencement of performance by Contractor under this agreement is contingent on the following conditions (1) Contractor receiving a fully execute original copy of this agreement. (2) Contractor receiving payment in full for the fee as described in Section V. If the above conditions are not met, then Contractor is not obligated to perform any portion of this agreement.

XII. Entire Agreement: This agreement contains the entire agreement parties, and there are no other promises or conditions in any other agreement, oral or written.

Client... (And/or authorized agent)

Printed Name: Joram Hadden Signature: Joram Hadden Date: 5/7/2025

Printed Name: _____ Signature: _____ Date: _____

Physical Address: 1029 Adyson Ridge, _____ Zip: 78163

Mailing Address: _____, _____ Zip: _____

Phone # _____ Cell# _____ County: _____

Email: _____ Gate Code: _____

=====Contractor=====Contractor=====

SOTX Septic Services

Clarence D. Hinds Jr Clarence D Hinds Jr.

15656 Cranes Mill Rd.

Lic #: OSSF Installer II #: OS0030965

Canyon Lake, TX 78133

Maintenance Provider #: MP0002439

830-481-3249

sotxservices@gmail.com

Installer Name: _____

Phone #: _____

Email: _____

Lic #: _____

Manufacturer: _____

GPD: 600 800 1000 Other: _____

Disposal: Spray Drip Other: _____

Initials...

Customer: _____

Contractor: CDH

OSSF SOIL EVALUATION REPORT INFORMATION

Date: 5/14/2025

Applicant Information:

Name Joram Hadden

Address: 257 Deer Cross

City, State & Zip Code: San Antonio, TX 78260

Email:

Site Evaluator Information:

Name: Doug Dowlearn

Company: D.A.D. Services, Inc.

Address: 703 Oak Drive

City, State & Zip: Blanco, TX 78606

Phone: (210)878-8100 Fax: (866)260-7687

Email: txseptic@gmail.com

Property Location:

Subdivision: Centennial Ridge Unit: 3 Lot: 41

Street/Road Address: 1029 Adyson Ridge

City : Bulverde Zip: 78163

Additional Info: Comal County

Installer Information:

Depth	Texture Class	Soil Texture	Structure (For Class III - blocky, platy or massive)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observation
Soil Boring #1 60"	III	0-12" Clay Loam 12"+ Limestone	Blocky	<30% Gravel	12"+Limestone	N/A
Soil Boring #2 60"	Same as above					

DESIGN SPECIFICATIONS

Application Rate (RA): 0.064

OSSF is designed for: 4 Bedroom 2833 Sq. Ft House
300 gallons per day

An aerobic with spray disposal system is to be utilized based on the site evaluation.
4688 sq. ft. disposal area required

600 gallon per day aerobic treatment unit

Calculations: Absorption Area: $Q/RA=300/0.064=4688$ Sq.. Ft.

FEATURES OF SITE AREA

Presence of 100-year flood zone: NO

Existing or proposed water well in nearby area: YES

Presence of adjacent ponds, streams, water impoundments: NO

Presence of upper water shed: NO

Organized sewage service available to lot: NO

I certify that the findings of this report are based on my field observations and are accurate to the best of my ability. The site evaluation and OSSF design are subject to approval by the TCEQ or the local authorized agent. The planning materials and the OSSF design should not be considered final until a permit to construct has been issued.

Site Evaluator:

NAME: Douglas R. Dowlearn R.S.

Signature:

License No. OS0009902

TDH: 2432



D.A.D SERVICES, INC.
DOUG DOWLEARN
PO BOX 212, BULVERDE, TX 78163
Designed for:
Hadden Joram M

The installation site is at lot 41, block 1 of the Centennial Ridge 3 subdivision in Comal County, TX. The proposed OSSF will treat the wastewater from a 4 Bedroom (2833 sq. ft.) residence. The proposed method of wastewater treatment is aerobic treatment with spray irrigation. This method was chosen because of unsuitable soil conditions.

PROPOSED SYSTEM:

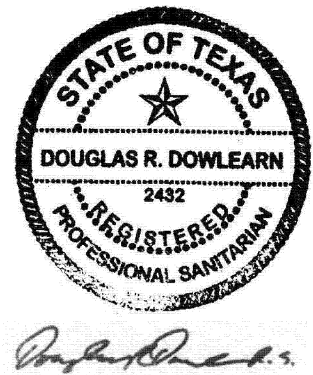
A 3" or 4" PVC pipe will discharge from the residence to a pre-treatment tank, which flows into a 600 gpd aerobic treatment plant. The aerobic tank effluent flows to a 768 gallon storage/pump tank containing a liquid chlorinator and a single 20 gpm submersible pump. Distribution is set to spray in the pre-dawn hours of midnight to 5:00 am through 2 K-Rain Gear Driven pop-up sprinklers, with low angle (13 degrees) spray nozzles spraying at 40 psi. Each sprinkler will spray a radius of 30 feet and 360 degrees of arc. An audio and visual alarm monitoring both high water and aerator failure will be placed in a noticeable location.

DESIGN SPECIFICATIONS:

Daily Waste Flow: 300 gpd
Application rate: 0.064
Application area required: $300/.064 = 4688$ sq. ft.
Application area utilized: 5654 sq. ft.
Pump tank reserve capacity: 100 gal minimum

SYSTEM COMPONENTS:

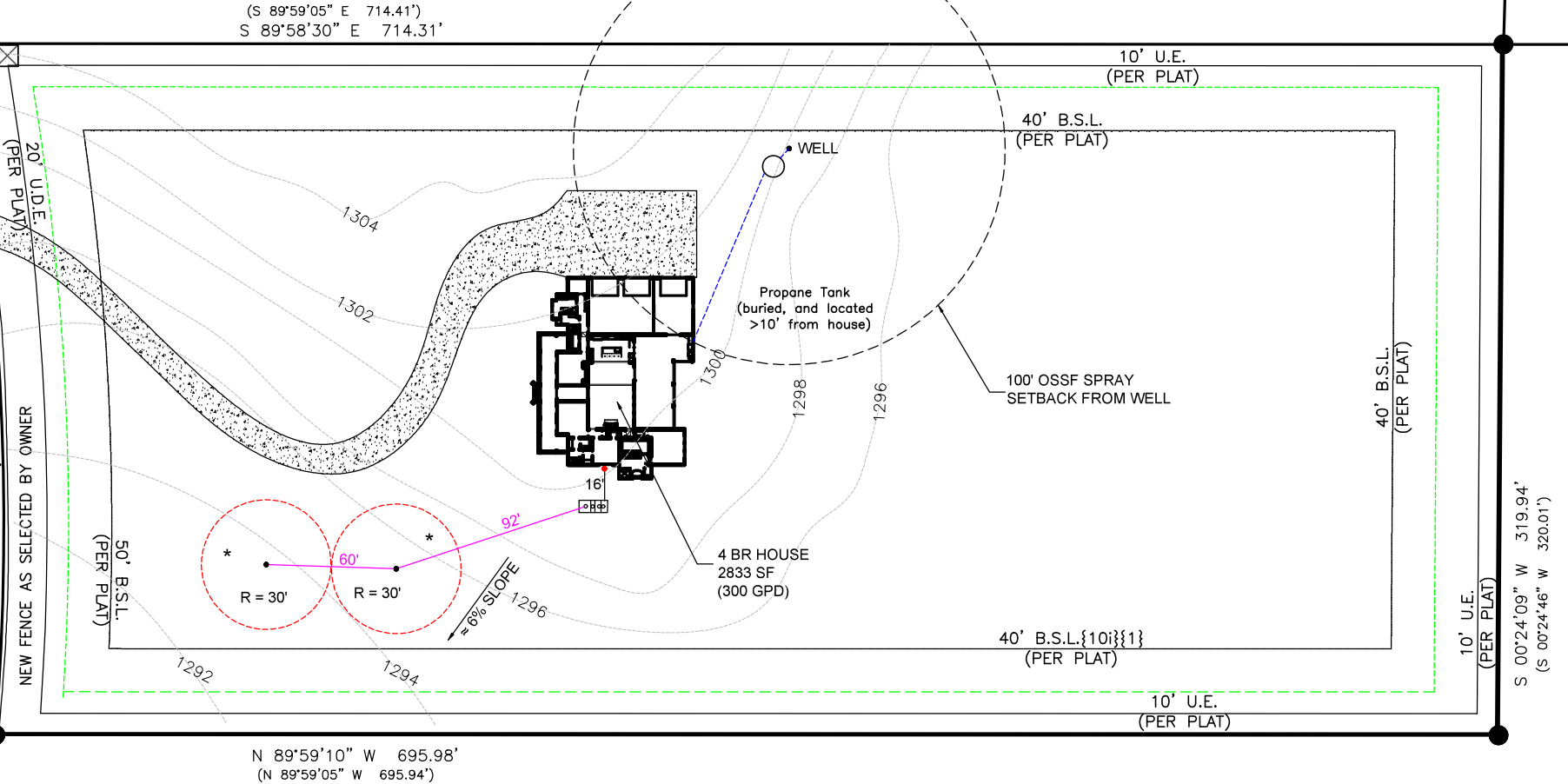
SCH 40 PVC sewer line
NuWater B-550
 353-gallon Pretreatment tank
 600 GPD Aerobic Treatment Unit
 768-gallon Pump tank with timed controls set to spray in the pre-dawn hours of midnight to 5:00 am
C-1 20X, Model no. 20XC1-05P4-2W115 (or equivalent) submersible pump
Liquid chlorinator
1" purple PVC supply line
2 K-Rain Gear Driven pop-up sprinklers



LANDSCAPING:

The entire surface application area must consist of an area with vegetation capable of growth, before system start up. In the event the surface application area does not have vegetation capable of growth, the bare area shall be seeded or sodded. If the non-vegetative area consists of rock or caliche, 3" of class II or III soil, capable of growing and sustaining vegetative growth, will be added before it is seeded or sodded.

ADYSON RIDGE DRIVE
(50' R.O.W.)



NOTES:

- 1" SCH 40 PURPLE PIPE TO ALL SPRAY HEADS.
- 3" OR 4" SCH 40 PVC PIPE FROM STRUCTURE TO TANK.
- SEWER PIPE CONNECTING THE STRUCTURE TO THE TANK MUST HAVE AT MINIMUM 1/8" FALL PER 1'.
- TANK TO BE > 5' FROM STRUCTURES AND SURFACE IMPROVEMENTS. THIS WILL PROVIDE EQUIVALENT PROTECTION FOR THE SETBACK REQUIREMENTS OF TAC 285.
- CLEANOUT WITHIN 3' OF STRUCTURE.
- TOTAL SPRAY AREA = 5654 SF.
- TANK WILL BE WATER TIGHT AND MANUFACTURED ACCORDING TO ASTM DESIGNATION: C 1227.
- DRAINFIELD SHALL BE GREATER THAN 100' FROM PRIVATE WELLS, AND GREATER THAN 150' FROM PUBLIC WELLS. VERIFY WELL LOCATION(S) ON SITE.
- SPRAY HEADS SHALL BE LOCATED AT LEAST 10' AWAY FROM TREES WITHIN THE DISTRIBUTION AREA.
- THIS DESIGN MEETS THE OSSF REQUIREMENTS OF THE EXISTING CZP

KEY

- 2 WAY CLEANOUT
- 20' OSSF SPRAY SETBACK FROM PROPERTY LINE
- 1" SCH 40 PVC PURPLE PIPE
- PROPOSED WATER LINE(VERIFY LOCATION ON SITE)
- TEST HOLE
- 600 GPD AEROBIC TREATMENT UNIT
- DRIVE/WALKWAY

HADDEN JORAM M
1029 ADYSON RIDGE DR
BULVERDE, TX 78163
CENTENNIAL RIDGE 3
BLOCK 1, LOT 41
COMAL COUNTY



SCALE 1" = 50'
PRINT SIZE 11" X 17"



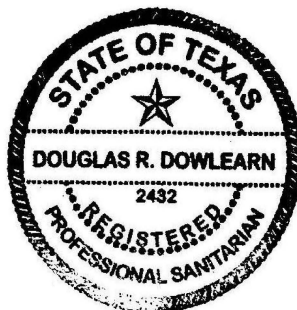
Douglas R. Dowle

Assembly Details

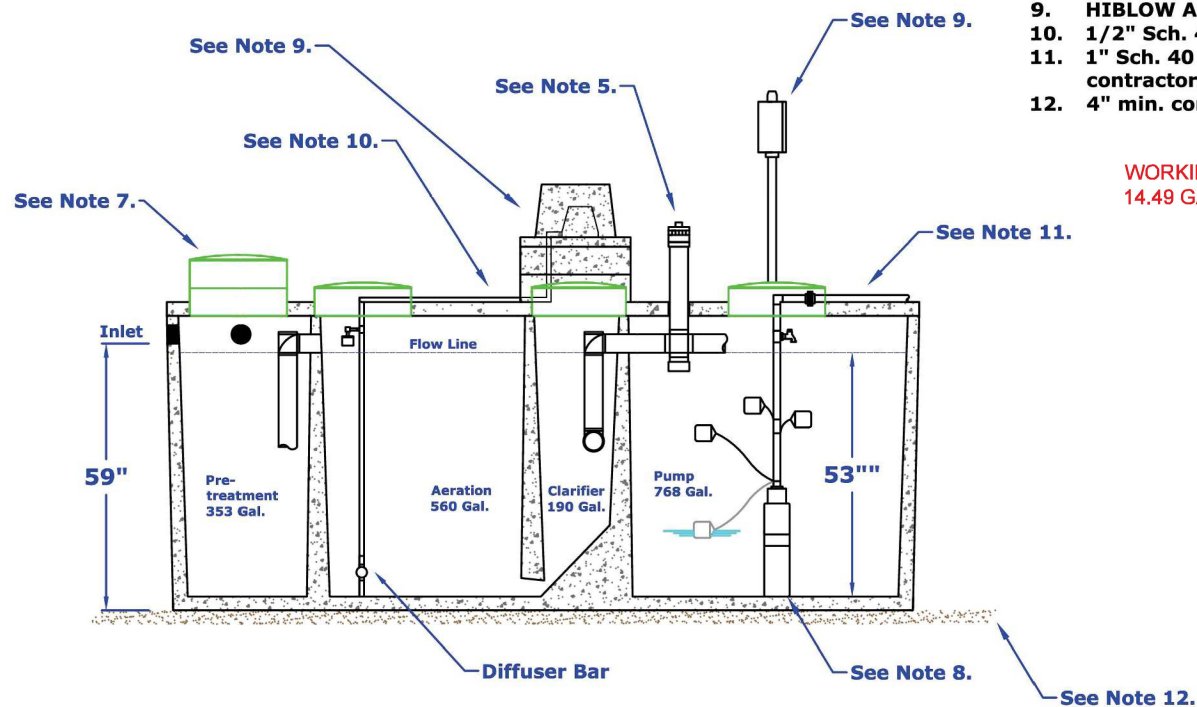
OSSF

43" - 53" - RESERVE - 144.9 GAL
 12" - 43" - PUMP ON TO ALARM ON - 449.19 GAL
 10" - 12" - PUMP OFF TO PUMP ON - 28.89 GAL
 0 - 10" - SUMP- 144.9 GAL

NOTE: SET ON A TIMER TO DOSE IN PRE DAWN HOURS OF MIDNIGHT TO 5 A.M.



Douglas R. Dowlearn



GENERAL NOTES:

1. Plant structure material to be precast concrete and steel.
2. Maximum burial depth is 30" from slab top to grade.
3. Weight = 14,900 lbs.
4. Treatment capacity is 600 GPD. Pump compartment set-up for a 360 GPD Flow Rate (4 bedroom, < 4,000 sq/ft living area). Please specify for additional set-up requirements. BOD Loading = 1.62 lbs. per day.
5. Standard tablet chlorinator or Optional Liquid chlorinator. NSF approved chlorinators (tablet & liquid) available.
6. Bio-Robix B-550 Control Center w/ Timer for night spray application. Optional Micro Dose (min/sec) timer available for drip applications. Electrical Requirement to be 115 Volts, 60 Hz, Single Phase, 30 AMP, Grounded Receptacle.
7. 20" Ø access riser w/ lid (Typical 4). Optional extension risers available.
8. 20 GPM 1/2 HP, high head effluent pump.
9. HIBLOW Air Compressor w/ concrete housing.
10. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
11. 1" Sch. 40 PVC pipe to distribution system provided by contractor.
12. 4" min. compacted sand or gravel pad by Contractor

WORKING LEVEL = 53"
 14.49 GAL/INCH

DIMENSIONS:

Outside Height: 67"
 Outside Width: 63"
 Outside Length: 164"

MINIMUM EXCAVATION DIMENSIONS:

Width: 76"
 Length: 176"

NuWater B-550 (600 GPD)
Aerobic Treatment Plant (Assembled)

Model: B-550-PC-400PT

March, 2012 - Rev 1
 By: A.S.

Scale:

* All Dimensions subject to allowable specification tolerances.

Dwg. #: ADV-B550-3

Advantage
 Wastewater Solutions LLC

Advantage Wastewater Solutions LLC.
 444 A Old Hwy No 9
 Comfort, TX 78013
 830-995-3189
 fax 830-995-4051

C1 SERIES

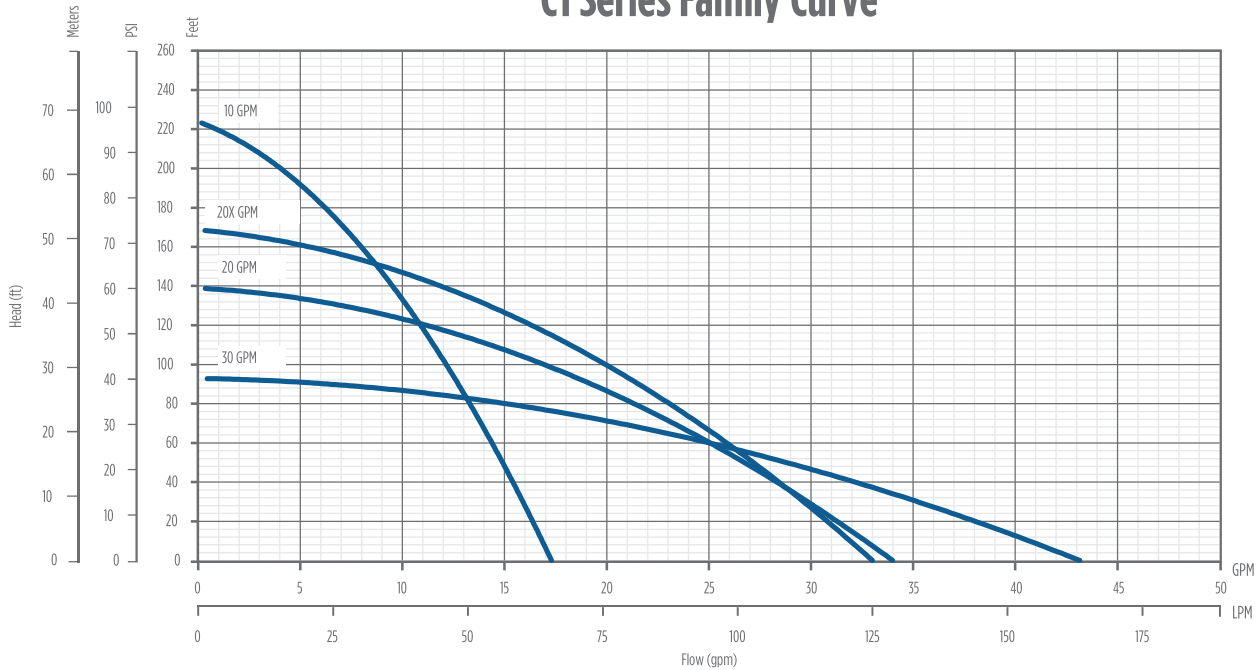
CISTERN PUMPS

Designed for use in gray water / filtered effluent service applications, the C1 Series cistern pump provides high performance and long life in less than ideal water conditions. The C1 Series pump is able to pass solids up to 1/8" without having a negative effect on the internal hydraulic components.

The pump's unique bottom suction design allows for maximum fluid drawdown without compromising durability or overall life, and it does not require the use of a flow induction sleeve. Intended specifically for use in a cistern or tank, C1 Series pumps are suitable for use in agricultural, residential, and commercial installations.



C1 Series Family Curve



FEATURES

- Supplied with a removable 5" base for secure and reliable mounting
- Bottom suction design
- Robust thermoplastic discharge head design resists breakage during installation and operation
- Single shell housing design provides a compact unit while ensuring cool and quiet operation
- Hydraulic components molded from high quality engineered thermoplastics
- Optimized hydraulic design allows for increased performance and decreased power usage
- All metal components are made of high grade stainless steel for corrosion resistance
- Available with a high quality 115 V or 230 V, ½ hp motor
- Fluid flows of 10, 20, and 30 gpm, with a max shut-off pressure of over 100 psi
- Heavy duty 600 V 10 foot SJ00W jacketed lead

APPLICATIONS

- Gray water pumping
- Filtered effluent service water pumping
- Water reclamation projects such as pumping from rain catchment basins
- Aeration and other foundation or pond applications
- Agriculture and livestock water pumping

ORDERING INFORMATION

C1 Series Pumps							
GPM	HP	Volts	Stage	Model No.	Order No.	Length (in)	Weight (lbs)
10	1/2	115	7	10C1-05P4-2W115	90301005	26	17
		230	7	10C1-05P4-2W230	90301010	26	17
20		115	5	20C1-05P4-2W115	90302005	25	16
		230	5	20C1-05P4-2W230	90302010	25	16
20X		115	6	20XC1-05P4-2W115	90302015	26	17
		230	6	20XC1-05P4-2W230	90302020	26	17
30		115	4	30C1-05P4-2W115	90303005	25	16
		230	4	30C1-05P4-2W230	90303010	25	16

Note: All units have 10 foot long SJ00W leads.



Franklin Electric

franklinwater.com

M1698 07-14

PERMIT

PERMIT #: 2025-181

PROJECT ADDRESS: 1029 Adyson Ridge Drive NSFR

DESIGNATION: Residential

OWNER NAME: Joram & Bethany Hadden

PERMIT TYPE: New Single Family
(Residential)



ISSUED TO (CONTRACTOR): San Antonio Tile Inc DBA San Antonio Construction Services - Tyler Fuller
330 Breesport St (210) 559-0894
tyler@satileinc.com

Issued Date: May 22, 2025

Expiration Date: November 18, 2025

STIPULATIONS IF ANY:

THIS PERMIT MUST BE POSTED IN A CONSPICUOUS PLACE ON CONSTRUCTION SITE

PERMIT

INSPECTION INFORMATION

- TO SCHEDULE INSPECTIONS PLEASE REQUEST ONLINE VIA <https://mgoconnect.org/cp/portal>. Please schedule by 2pm for next day inspections.

- REQUIRED INSPECTIONS:

Required inspections are subject to change at the discretion of the Jurisdiction.

- o Electric Trench
- o Gas Rough In
- o Sewer Yard Line
- o Shear Wall/Exterior Sheathing
- o TML (Electrical - Temporary Meter Loop)
- o Water Service
- o Plumbing Rough
- o Foundation Pre Pour
- o Electrical Rough
- o Framing
- o Mechanical Rough
- o Plumbing Top Out
- o Insulation
- o Shower Pan
- o TOPS (Electrical - Temporary on Permanent Set
- o Electrical Final
- o Gas Final
- o Mechanical Final
- o Plumbing Final
- o Building Final

PERMIT

- For all other questions regarding building & permitting please contact:
 - o Claudia Cardenas, ccardenas@bulverdetx.gov
 - o Bailey Dorn, bdorn@bulverdetx.gov
 - o Heath Edwards, hedwards@bulverdetx.gov

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Alamo Title GF# 4000082500601 BB

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

GENERAL WARRANTY DEED

Date: March 14, 2025

Grantor: CODY WADE WILLEY and spouse, COURTNEY ROSE WILLEY

Grantor's Mailing Address: 1084 Cypress Pass Dr Spring Branch TX 78070

Grantee: JORAM MICHAEL HADDEN

Grantee's Mailing Address, and after Recording, Return to:
257 Deer Cross Ln San Antonio, TX 78260

Consideration: Cash and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property (including any improvements):

Lot 41, Block 1, Centennial Ridge Unit 3, a subdivision in Comal County, Texas, according to the map or plat thereof recorded in Document No. 202006046126, Map and Plat Records, Comal County, Texas.

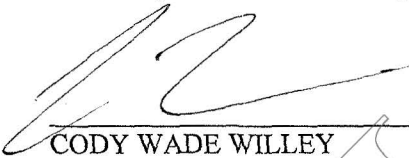
Reservations from Conveyance: None

Exceptions to Conveyance and Warranty: Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing instruments, other than conveyances of the surface fee estate, that affect the Property; and taxes for 2025, which Grantee assumes and agrees to pay, but not subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantor assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

The Contract between Grantor as the Seller and Grantee as the Buyer, if any, may contain limitations as to warranty or other agreed matters; to the extent that such Contract provides for limitations or other agreed matters that will survive the closing and this conveyance, then such limitations or other agreed matters are hereby deemed incorporated by reference. The warranty of title contained in this Deed is hereby expressly excluded from the limitations or other agreed matters referenced in this paragraph.

When the context requires, singular nouns and pronouns include the plural.

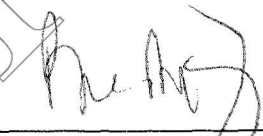

CODY WADE WILLEY


COURTNEY ROSE WILLEY

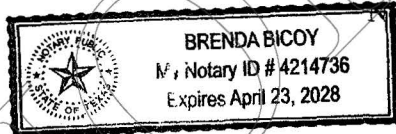
STATE OF TEXAS)

COUNTY OF BEXAR)

This instrument was acknowledged before me on March 14, 2025 by CODY WADE WILLEY and spouse, COURTNEY ROSE WILLEY.



Notary Public, State of Texas



**Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
03/14/2025 03:29:41 PM
TERRI 2 Pages(s)
202506007363**



Bobbie Koepp