staller Name:	OSSF Installer #:		
1st Inspection Date:	2nd Inspection Date:	3rd Inspection Date:	
Inspector Name:	Inspector Name:	Inspector Name:	

Perm	it#:		Address:				
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials		285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)				
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards		285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)		285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot		285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)		285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(G)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(E) 285.32(b)(1)(E) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

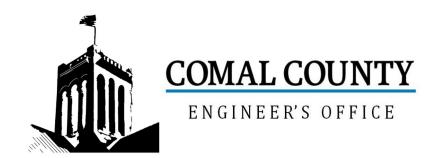
Inspector Notes:

AL.	Di-si	Δ	Citation	N-4	1,41,	2	2
No.	Description SEPTIC TANK Tank(s) Clearly	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	Marked SEPTIC TANK If SingleTank, 2Compartments Provided withBaffle SEPTIC TANK Inlet Flowline Greater than3" and "T" Provided on Inlet and OutletSEPTIC TANK Septic Tank(s) MeetMinimum Requirements		285.32(b)(1) (E)285.91(2)285.32(b)(1) (F)285.32(b)(1)(E) (iii)285.32(b)(1)(E)(ii) (I)285.32(b)(1)(E) (i)285.32(b)(1)(E) (i)285.32(b)(1) (D)285.32(b)(1)(C) (ii)285.32(b)(1)(C) (ii)285.32(b)(1) (B)285.32(b)(1) (A)285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system providedSEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
	SEPTIC TANK Tank Volume						
12	Installed						
	PUMP TANK Volume Installed						
13	AEROBIC TREATMENT UNIT Size						
14							
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number						
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo- transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

	_ ,			- 			
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4) 285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
	DISPOSAL SYSTEM Mound		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)				
24	DISPOSAL SYSTEM Other (describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)		285.33(c)(2)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

No.	Docorintian	Answer	Citations	Notes	1ct lease	2nd Inco	2rd Inco
NO.	Description EFFLUENT DISPOSAL SYSTEM Utilized	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3) (B)285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)				
	AEROBIC TREATMENT UNIT IS Aerobic Unit Installed According to Approved Guidelines.		285.32(c)(1)				
	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions						
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.						
36	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
	PUMP TANK Inspection/Clean Out Port & Risers Provided PUMP TANK Secondary restraint system provided PUMP TANK Riser permanently fastened to lid or cast into tank PUMP TANK Riser cap protected against unauthorized intrusions						
38	PUMP TANK Secondary restraint system provided						
	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						

	1						
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?		285.33(d)(2)(G)(iii)(II) 285.33(d)(2)(G)(iii)(III) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iii)(I)				
	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed		285.33(d)(2)(G) (i)285.33(d)(2) (A)285.33(d)(2)(F)				
41	ADDUCATION ADDA Average tradellar						
42	APPLICATION AREA Area Installed						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



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

Permit Number: 118219

Issued This Date: 01/24/2025

This permit is hereby given to: James & Alesia Forehand

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

9063 FAWN CREEK DR SPRING BRANCH, TX 78070

Subdivision: Valero Estates

Unit: 1

Lot: 38

Block: N/A

Acreage: 1.1900

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 County requirements.

Call (830) 608-2090 to schedule inspections.



ON-SITE SEWAGE FACILITY APPLICATION

REVISED 8:40 am, Jan 24, 2025

> NEW BRAUNFELS, TX 78132 (830) 608-2090 WWW.CCEO.ORG

Date			Permit Nu	mber11	8219
1. APPLICANT	/ AGENT INFORMATION				
Owner Name	James & Alesia Forehand	Agent Name	Steven Kube	na	
Annual Company of the	1645 Tassman Rd	Agent Address			
	Pleasanton, Texas 78064	City, State, Zip			
Phone #	(830) 570-7082	Phone #	(210) 296-47		
Email	jpforehand@yahoo.com	Email	Surefloseptic		
2. LOCATION				<u>eg.mao.m</u>	
	me Valero Estates	U	Init 1	Lot 38	Block N/A
	Abstract Number N/A		***************************************	•	1.19
Address 9063 F					
3. TYPE OF DE		Only Opining Dianor	,	_ Otato_IX	
Single Far	mily Residential				
	construction (House, Mobile, RV, Etc.) RV				
200	of Bedrooms N/A				
	Sq Ft of Living Area N/A				
	e Family Residential				
	naterials must show adequate land area for doubling the	he required land need	dad far traatme	nt units and dia	l
Type of Fa			ded for treatme	ent units and dis	posai area)
	•				
	actories, Churches, Schools, Parks, Etc Indica				
Hotal Mai	nts, Lounges, Theaters - Indicate Number of Sea	EDada			
	tel, Hospital, Nursing Home - Indicate Number of				
	iller/RV Parks - Indicate Number of Spaces				
Miscellane	ous				
Estimated Cos	st of Construction: \$ \$15,000 (Structure Only)			
Is any portion	of the proposed OSSF located in the United State	tes Army Corps of I	Engineers (U	SACE) flowag	e easement?
☐ Yes 🔀	No (If yes, owner must provide approval from USACE for		154 A	i. 100	
Source of Water					
4. SIGNATURE					
By signing this app	olication, I certify that:				
 The completed approach facts. I certify that 	oplication and all additional information submitted doe at lam the property owner or I possess the appropriate	s not contain any fals	se information a	and does not co	nceal any material
property.					
 Authorization is h site/soil evaluation 	ereby given to the permitting authority and designated in and inspection of private sewage facilities	d agents to enter upo	n the above de	escribed propert	y for the purpose of
- I understand that	a permit of authorization to construct will not be issue	d until the Floodplain	Administrator	has performed	the reviews required
	unty Flood Damage Prevention Order.	address associated v	with this permit	application as	applicable
	4 18	17	112/211		applicable.
Signature of O	wner a		1 24		Page 1 of
1/4		/).	-23	25	Page 1 of 2 Revised January 202
1/0		1			



ON-SITE SEWAGE FACILITY APPLICATION

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

Planning Materials & Site Evaluation as Required Completed By Steven Kubena					
System Description Aerobic Spray Surface Application					
Size of Septic System Required Based on Planning Materials & Soil Evaluation					
Tank Size(s) (Gallons) 600 GPD Absorption/Application Area (Sq Ft) 3925					
Gallons Per Day (As Per TCEQ Table III) 114 (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)? X 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:					
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.					
Steer Luber 12/10/24					
Signature of Designer Date					



202406038464 12/18/2024 09:32:14 AM 1/1

AFFIDAVIT TO THE PUBLIC

THE COUNTY OF COMAL STATE OF TEXAS

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

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

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (commission) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and § 5.013, gives 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 owner's 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.

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.
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):
Lot 38, Valero Estates, Unit 1, a subdivision in Comal County, Tx
T. D. 177 1 1
The property is owned by (insert owner's full name): James Paul Forehand & Alesia Mardeen Forehand
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 ransferred to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.
WITNESS BY HAND(S) ON THIS 12 DAY OF DECEMBER 2024
Owner(s) signature(s)
SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 12 DAY OF DECEMBER 2024 DAGUALE STOCKHOULE
Notary Public, State of Texas Filed and Recorded Official Public Records
AMANDA STOCKHORST Notary Public, State of Texas Comm. Expires 09-21-2025 Notary ID 133343611 Bobbie Koepp, County Clerk Comal County. Texas 12/18/2024 09:32:14 AM TAMMY 1 Page(s) 202406038464
Babbie Keepp

P	F	R	M	17	T#



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 James & Alesia Forehand (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: (<u>Date License to Operate is Issued</u>) Ending Date: (<u>2yrs. From Date of LTO</u>)
- 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).
 - Report to the appropriate regulatory authority and to the Client, as is required by both the State's onsite 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:

9063 Fawn Creek Dr. Spring Branch TX 78070 Valero Estates LOT 38 UNIT 1

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.

Customer:

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 contact 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

Customer:

Contractor: CDN

Initials...

- 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)	\wedge	10	2/2/2/
Printed Name: <u>James Forehand</u>	Signature:	Date:	412/24
Printed Name: Alesia Forehand	Signature:	Date: /	2-12-24
Physical Address: 9063 Fawn Creek D	r. Spring Branch TX	Zip:78070	
Mailing Address: 1645 Tessman Rd Ple	asanton Tx	Zip: 78064	
Phone # 830-570-7082 Cell#	ı	County: COMAL	
Email: jpforehand@yahoo.com	Gate	Code: 2525	_
=====Contractor====	=====Contr	actor=======	I MANU SALES SINCE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE SHARE
SOTX Septic Services	Clarence D. Hinds Jr	Clarence D Hin	ds Jr.
15656 Cranes Mill Rd.	Lic#: O	SSF Installer II #: OS003096	5
Canyon Lake, TX 78133	Mainte	nance Provider #: MP00024	139
830-481-3249			
sotxservices@gmail.com	Installer Name:		
	Phone #:		
	Email:		
	Lic #:		
	Manufactu	rer:	
	G	PD: 600 800 1000 Other:	Newtraling design administration of the Contract of the Contra
	Disno	sal: Snrav Drin Other	

Customer:

Contractor: CDH

OSSF SOIL EVALUATION

Date Performed:	12/6/2024	_Proposed Excavation De	epth: N/A	
Property Location: 9063 Fa	awn Creek Dr. Spring Branch, Tx 780	7 <u>0</u> _Textural Class Determin	ed For Drain field:	IV
Name of Site Evaluator:	Steven Kubena	_ Registration Number:_	0S0037188	
Requirements:				

At least two (2) soil excavations must be performed on the site, at opposite ends of the proposed disposal area. Location of soil boring or dug pits must be shown on the site drawing. For subsurface disposal, soil evaluations must be performed to a depth of at least two (2) feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated. Describe each soil horizon and identify any restrictive features on this form. Indicate depths where features appear.

Soil Boring Number1								
Depth Textural (Feet) Class		Textural Class	Structure (if applicable)	Drainage (Mottles) Water Table	Restrictive Horizon	Observations		
0		IV				Clay 0"-12"		
2 3 4		IV	None	None	Limestone Rock @ 12"	Limestone Rock @12"		
5								

Soil Bori	Soil Boring Number								
Depth (Feet)	Textural Class	Structure (if applicable)	Drainage (Mottles) Water Table	Restrictive Horizon	Observations				
0 1 2 3 4 5		SA	ME AS ABO	OVE					

ATTACH COPY OF SITE DRAWING

Features of Site Area						
Presence of 100 year flood zone		(ND)				
Presence of upper water shed	Yes	No				
Presence of adjacent ponds, streams, water impoundments	Yes	No				
Existing or proposed water well in nearby area	Yes	No				
Organized sewage service available to lot or tract	Yes	No				

I certify that the findings of this report are based on my field observe	ations and are accurate to the best of my ability
Sten Kuken	12/10/2024

Signature of Site Evaluator

Date

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.

GF# SAT-14-4000142400451-SH

Date: 11/21/2024

Grantor: John Stubblefield and Jennifer Stubblefield, husband and wife

Grantor's Mailing Address: 3312 Hidden Mist Dr, Texus City, TX 77568

Grantee: James Paul Forehand and Alesia Mardeen Forehand, with her joining herein to perfect the security interest but not to otherwise be liable

Grantee's Mailing Address: 1645 Tessman Rd, Pleasanton, TX 78064

Consideration: TEN AND NO/100----(\$10.00)------DOLLARS CASH AND OTHER GOOD AND VALUABLE CONSIDERATION, THE RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED AND CONFESSED

AND THE FURTHER CONSIDERATION OF THE EXECUTION AND DELIVERY of a Note of even date that is in the principal amount of SIXTY-NINE THOUSAND TWO HUNDRED SEVENTY-FIVE AND NO/100 DOLLARS (U.S. \$69,275.00) executed by Grantee, payable to the order of SOUTHTRUST BANK, N.A.. The Note is secured by a Vendor's Lien retained in favor of SOUTHTRUST BANK, N.A. in this Deed and by a Deed of Trust of even date from James Paul Forehand AND Alesia Mardeen Forehand to DENISE M. GARZA, TRUSTEE(S).

Property (including any improvements):Lot 38, Valero Estates, Unit 1, a subdivision in Comal County, Texas, according to the map or plat thereof recorded in Volume 12, Pages 333-334, Map and Plat Records of Comal County, Texas.

Property commonly known as: 9063 Fawn Creek Drive, Spring Branch, TX 78070

Reservations from Conveyance: NONE

Exceptions to Conveyance and Warranty:

This conveyance, however, is made and accepted subject to any and all restrictions, encumbrances, easements, covenants, and conditions, if any, relating to the hereinabove described property as the same are filed for record in the County Clerk's Office of COMAL County, Texas.

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.

Current ad valorem taxes on the property having been prorated, the payment thereof is assumed by Grantee.

The vendor's lien against and superior title to the property are retained until each note described is fully paid according to its terms, at which time this deed shall become absolute.

The said Vendor's Lien and Superior Title herein retained in the amount of SIXTY-NINE THOUSAND TWO HUNDRED SEVENTY-FIVE AND NO/100 DOLLARS (U.S. \$69,275.00) are hereby transferred, assigned, sold and conveyed to SOUTHTRUST BANK, N.A., its successors and assigns, or heirs and assigns, as appropriate, the Payees named in said Note, without recourse on Grantor.

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

John Stubblefield

(Acknowledgment)

THE STATE OF TEXAS

COUNTY OF

This instrument was acknowledged before me on the day of Notary Public, State of Sta

NOTICE: This document affects your legal rights. Read it carefully before signing.

AFTER RECORDING RETURN TO:

James Paul Forehand and Alesia Mardeen Forehand 1645 Tessman Rd. Plasanton, TX 78064 Filed and Recorded Official Public Records Bobbie Koepp, County Clerk Comal County, Texas 11/22/2024 11:03:12 AM TAMMY 3 Pages(s) 202406035855

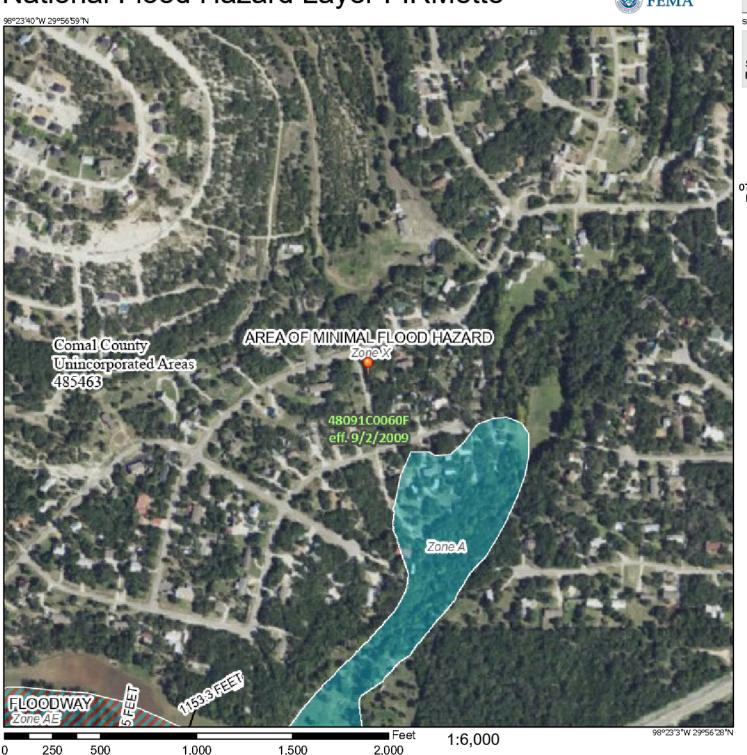


After Recording Return to: Alamo Title Company 494 South Seguin St., Ste 100

New Braunfels, TX 78130

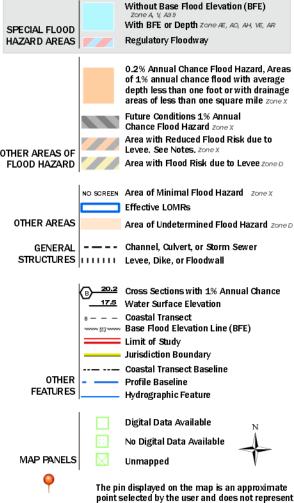
National Flood Hazard Layer FIRMette





Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/11/2024 at 10:44 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



OSSF Design Notes:



LOT 38 VALERO ESTATES, UNIT 1 1.19 ACRES

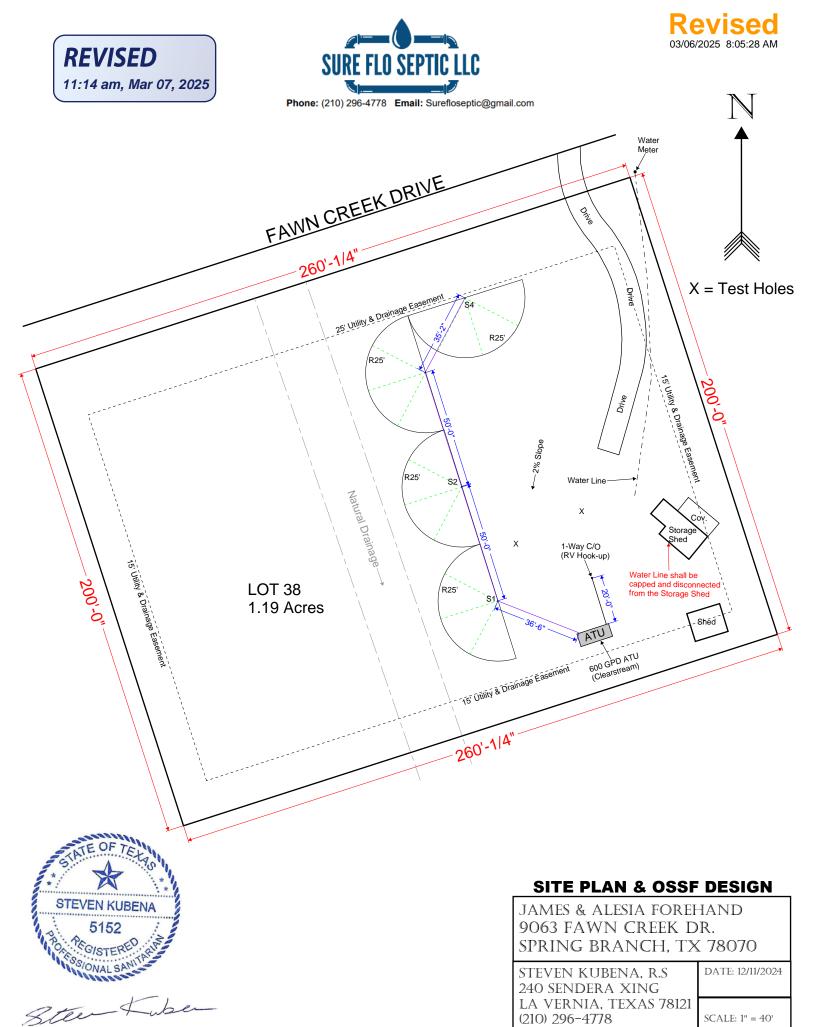
LOT IS NOT LOCATED IN THE 100 YEAR FLOOD PLAIN BUT WITHIN THE CONTRIBUTING ZONE. THE DESIGN IS EXEMPT FROM PERMENANT BMPS DUE TO A SINGLE FAMILY RESIDENCE WITH IMPERVIOUS COVER LESS THAN 20 PERCENT.

KEY NOTES:

- 1. Design is for a RV Hook-up with a wastewater rate of 114 gpd.
- 2. The lot is not location in the 100 year floodplain.
- 3. Install a 1-way cleanout as an RV Hook-up in a 3" or 4" sch 40 tightline tyeing in to the ATU, Minimum slope 1/8 in/ft.
- 4. Proposed ATU is a Clearstream NC3-Series (600 GPD) ATU.
- 5. Supply line to the sprinklers is purple 1" schedule 40.
- 6. S1 is K-Rain Proplus low angle sprinklers with #1 nozzles operating @ 50 psi, 180° pattern, 25' radius.
- 7. S2 is a K-Rain Proplus low angle sprinkler with #1 nozzle operating @ 50 psi, 180° pattern, 25' radius.
- 8. S3 is a K-Rain Proplus low angle sprinkler with #1 nozzle operating @ 50 psi, 180° pattern, 25' radius.
- 9. S4 is a K-Rain Proplus low angle sprinkler with #1 nozzle operating @ 50 psi, 180° pattern, 25' radius.
- 10. There shall be no obstructions within 10' of the sprinkler heads.
- 11. Audible & Visual alarms, external disconnect within site of the pump tank, pump & alarms on separate breakers and external wiring in conduit are required.
- 12. Timer set to spray between 12:00 AM & 5:00 AM.
- 13. Liquid chlorinator.
- 14. Any excavations and/or exposed rock in the disposal area shall be covered with topsoil and seasonal grasses shall be seeded over the disposal area in order to minimize run-off & erosion.
- 15. Water line shall be disconnected from the storage shed.









REVISED11:15 am, Mar 07, 2025

Steven Kubena, R.S., S.E.

240 Sendera Crossing La Vernia, Texas 78121

Mobile (210) 296-4778 Surefloseptic@gmail.com

OSSF DESIGN

Owner: James & Alesia Forehand

Location: 9063 Fawn Creek Dr. Spring Branch, Tx 78070

Phone: (830) 570-7082 Date: 12/10/2024

Development: (1) RV Hook-Up w/ Water Saving Devices

Q: 114 gpd Soil: IV R_i : 0.064 gall/ft²/day

System Type: Aerobic/Surface Application (Clearstream 600 GPD – 600 GPD)

Proposed ATU Treatment Capacity: 600 gpd

Trash Tank: 353 gall Aerobic Tank: 600 gpd Pump Tank: 768 gall

Supply Line: Sch 40, 1" purple (~140') Check Valve Required: No

Minimum Application Area (A): 1781.25 ft^2 (A = Q/R_i)

Sprinklers: K-Rain Super Pro 10003-RCW

Number	Nozzle	PSI	Pattern	Radius	Area/head	GPM/head	R_{i}
S1	#1	50	180°	25 ft	981.25 ft ²	1.8	0.064
S2	#1	50	180°	25 ft	981.25 ft ²	1.8	0.064
S3	#1	50	180°	25 ft	981.25 ft ²	1.8	0.064
S4	#1	50	180°	25 ft	981.25 ft ²	1.8	0.064

Overlap Area: **0** ft² Actual Application Area: **3925.00** ft² GPM: **7.2** GPM

TDH Calculations:

Friction Head(H_f) = $\frac{1.2(10.4397)(L)(Q)^{1.85}}{(C)^{1.85}(D)^{4.8655}}$ = 6.43 ft

L = Length of equivalent pipe length (D) in feet

C = Hazen - Williams flow coefficient (150 for schedule 40)

Q = Flow rate, gpm

D = Internal pipe diameter, inches

Pressure Head $(H_p) = 115.5 \text{ ft}$ (2.31)(psi) Elevation Head $(H_e) = 5 \text{ ft}$

 $TDH = 126.93 \text{ ft} \quad (H_f + H_p + H_e)$

Pump Requirements: 7.2 GPM @ 126.93 ft TDH Pump: Blaster Model 12EB-05 (Or Equivalent)

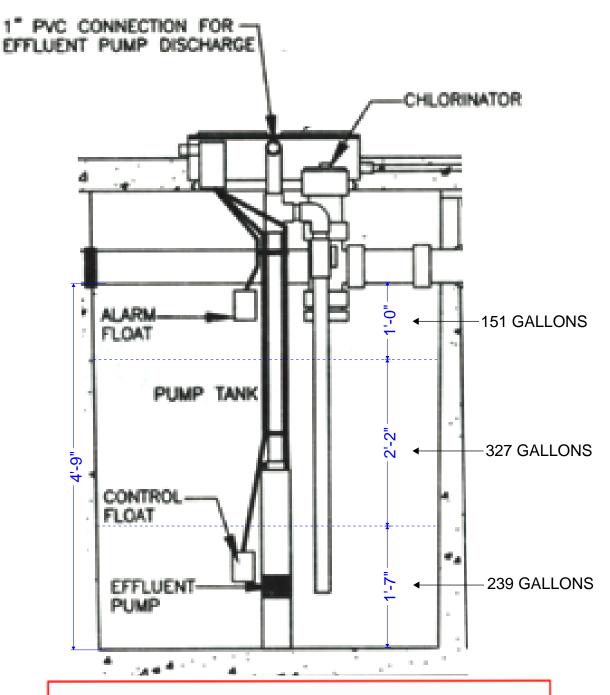
- Timer set to spray between 12:00 AM & 5:00 AM.
- Liquid chlorinator



CLEARSTREAM MODEL NC3-SERIES (600 GPD) PUMP TANK DETAILS (FLOAT SETTINGS)

REVISED

Pump Tank = 720 Gallons
720 Gallons / 57 Inches = 12.6 Gal. / Inch
HIGH WATER ALARM "ON" TO BOTTOM OF INLET: 12" (151.2 GAL.)
PUMP "ON" TO HIGH WATER ALARM "ON": 25" (327.6 GAL.)



THERE SHALL BE AT LEAST ONE DAY OF STORAGE BETWEEN THE ALARM-ON LEVEL AND THE PUMP-ON LEVEL, AND A STORAGE VOLUME OF ONE-THIRD THE DAILY FLOW BETWEEN THE ALARM-ON LEVEL AND THE INLET TO THE PUMP TANK.





MODELS NC3-Series

NC3-Series Concrete

REVISED11:15 am, Mar 07, 2025

SPECIFICATIONS

Treatment Capacity ____500 to 600 G.P.D.

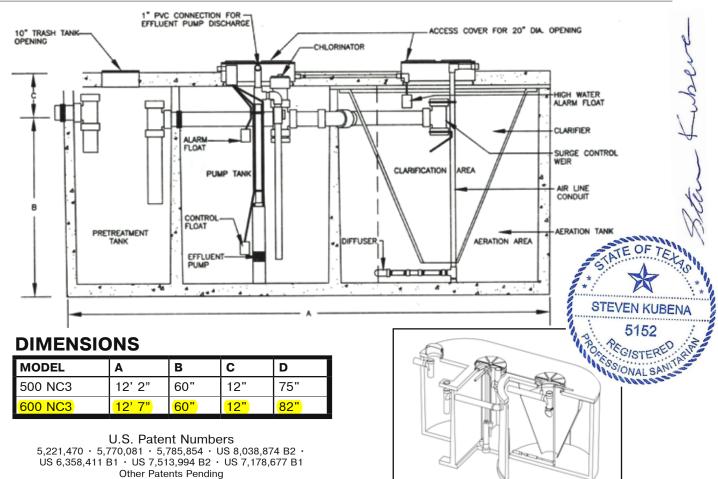
BOD Loading _____ 1.25 to 1.5 lbs.

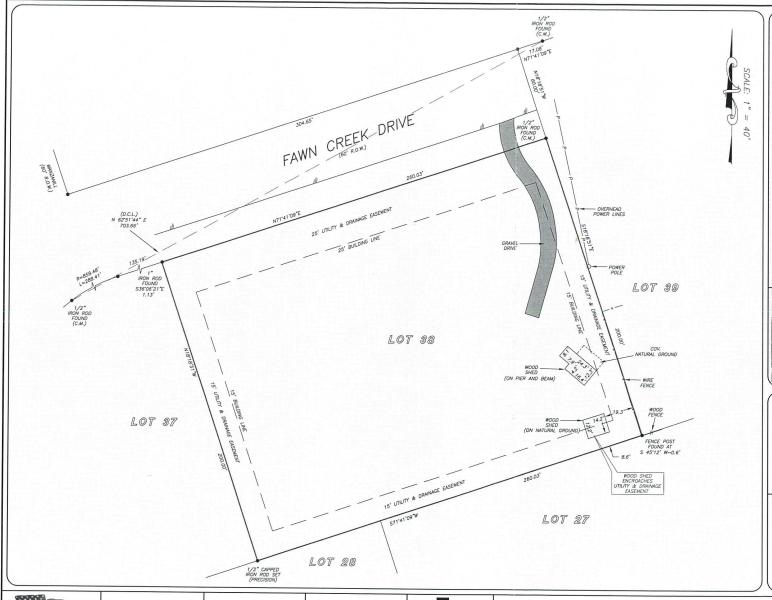
Aerator _____2.8 scfm

Control Panel Raintight

Electrical 115V/60Hz







GF NO. SCT-14-4300312200183F CHICAGO TITLE ADDRESS: 9063 FAWN CREEK DRIVE SPRING RANCH, TEXAS 78070 BORROWER: JOHN STUBBLEFIELD AND JENNIFER STUBBLEFIELD

LOT 38 VALERO ESTATES, UNIT 1

A SUBDIVISION IN COMAL COUNTY, TEXAS ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 12, PAGES 333-334, MAP AND PLAT RECORDS OF COMAL COUNTY, TEXAS

NOTE: MAY BE SUBJECT TO DEED RESTRICTIONS AND/OR ADDITIONAL GOVERNMENTAL BUILDING REQUIREMENTS.

NOTE: ELECTRIC UTILITY EASEMENT GRANTED TO PEDERNALES ELECTRIC COOPERATIVE, INC., AS PER DOCUMENT NO. 199906008227.



THIS PROPERTY DOES NOT LIE WITHIN THE 100 DPM PLOOD PLAIN AS PER FIRM MAP REVISION: 09-02-2009 ZONE X DESCRIPTION OF MAPS. BASED ONLY ON VISUAL EXAMINATION OF MAPS. INACCURACES OF FEMA MAPS PREVENT EXACT DETERMINATION WITHOUT DETAILED FIELD STUDY.

A SUBSURFACE INVESTIGATION
WAS BEYOND THE SCOPE OF THIS SURVEY

D.C.L. = DIRECTIONAL CONTROL LINE RECORD BEARING: VOL. 12, PGS. 333-334, C.C.M.P.R.

DOAWN DV. DV

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND, THAT THIS PLAT CORRECTLY REPRESENTS THE FACIST FOUND AT THE DESCRIPTION OF THE PACIFIC FOUND THAT THE GROUND, EXCEPT AS SHOWN HEREON, THE SURVEY IS CERTIFED FOR THIS TRANSACTION ONLY AND ASSTRACTION FOUNDED IN THE ABOVE PLANSACTION ONLY AND ASSTRACTION FOUNDED IN THE ABOVE PLANSACTION OF THE COMMITMENT WAS RELEED UPON IN TREPARATION OF THE SURVEY.

JAMES P. WALKOVAK PROFESSIONAL LAND SURVEYOR NO. 5971 JOB NO. SAZ022—01953 NOVEMBER 18, 2022





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281-496-1586 FAX 281-496-1867 210-829-4941 FAX 210-829-1555 990 THREADNEEDLE STREET SUITE 150 HOUSTON, TEXAS 7079 1777 NE LOOP 410 SUITE 600 SAN ANTONIO, TEXAS 70217 FIRM NO. 1006/3700



Filtered Effluent

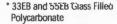
SPECIFICATIONS

Model	Flow Range GPM	Horsepower Range		Discharge Connection	Maximum Solids Size	Rotation®
8EB	1.5 – 10	1/2 - 1	7	11/4	1/16" dia.	CCW
12EB	3 – 16	1/2 - 11/2	10	11/4	1/16" dia.	CCW
20EB	6 – 28	1/2 - 11/2	18	11/4	1/16" dia.	CCW
33EB	10 - 50	1/2 - 11/2	33	11/4	1/16" dia.	CCW
55EB	20 - 80	1/2 - 11/2	55	11/4	1/16" dia.	CCW

① Rotation is counterclockwise when observed from pump discharge end.

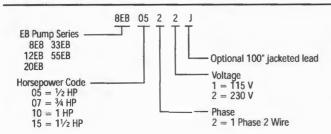
"EB" SERIES MATERIALS **OF CONSTRUCTION**

Part Name	Material
Discharge Head	Glass Filled Thermo-Plastic
Check Valve Poppet	Thermo-Plastic
Check Valve O-ring	E P Rubber
Bearing Spider – Upper	Glass Filled Polycarbonate
Bearing	Urethane
Klipring	AISI 301 SS
Diffuser Impeller	Glass Filled * Noryl™
Bowl	AISI 304 SS
Shim	AISI 304 SS
Spacer	AISI 304 SS, Powder Metal
Inlet Strainer	Glass Filled Thermo-Plastic
Motor Adapter	Glass Filled Thermo-Plastic
Casing	AICL 204 CC
Shaft	AISI 304 SS
Coupling	AISI 304 SS, Powder Metal



2E 10590

ORDER NUMBER CODE

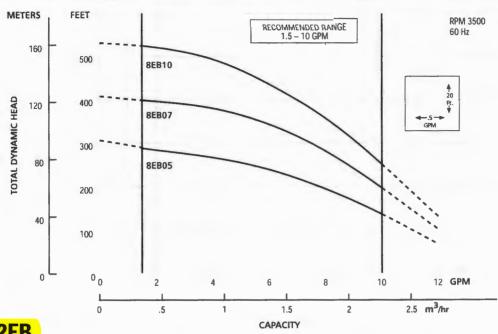


FEATURES

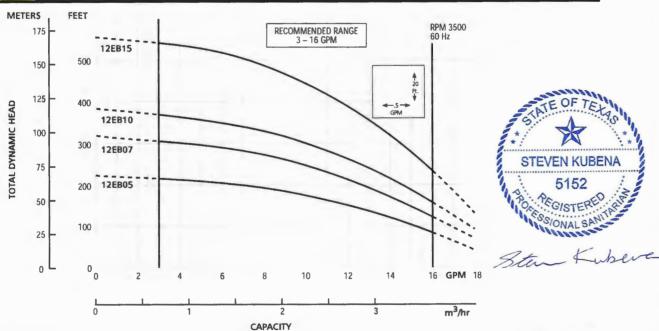
- Designed for pumping filtered effluent from processed septic systems only.
- Field Serviceable: Pump can be rebuilt in the field to like new condition with common tools and readily available spare parts. NOTE: The Model EB has left hand casing threads.
- Powered for Continuous Operation: All ratings are within the working limits of the motor as recommended by the motor manufacturer. Pump can be operated continuously without damage to the motor.
- Metal Parts are Stainless Steel: AISI types 301 and 304 are corrosion resistant.
- Non-Metallic Parts are Effluent Compliant: Impellers, diffusers constructed of glass filled polycarbonate or Noryl, engineered composites. Both materials are corrosion resistant.
- Bearing Discharge Head: State of the art engineered composite material for superior strength and corrosion resistance. Loop for safety line molded into head.
- Motor Adapter: State of the art engineered composite material with high rigidity to provide accurate alignment of liquid end to motor. Generous space for removal of motor mounting nuts with regular open-end wrench.
- Bowls: Stainless steel for strength and abrasive resistance.
- 100" 3 wire motor lead standard.
- Consult factory for recommendations involving long run cycles followed by short off cycles to assure proper motor cooling

- Check Valve: Built-in check valve assembly on 8, 12, 20 EB models. No check valve provided on 33 and 55 EB models.
- Warranted for one year against failure due to workmanship and materials. Solids plugged pumps are not covered. Pumps used for liquids other than filtered effluent are not covered.
- Stainless Steel Casing: Polished stainless steel is attractive and durable in the most corrosive effluent.
- Hex Shaft Design: Six sided shafts for positive impeller drive.
- Inlet Strainer: Molded suction strainer built into motor adapter.
- **■** Urethane Upper Bearings: Fluted design for free passageof abrasives.
- Franklin Electric Motor:
- · Corrosion resistant stainless steel construction.
- · Built-in surge arrestor is provided on single phase motors.
- Stainless steel splined shaft.
- · Hermetically sealed windings.
- Replaceable motor lead assembly.
- · UL 778 and CSA recognized.
- NEMA mounting dimensions.
- Optional 100" jacketed power cord available.
- Agency Listings: All complete pump/motor assemblies are UL778 and CSA listed. All Franklin Electric Motors are UL778 recognized.
- All models have 1/8" diameter bypass in discharge head to ensure venting on start up.





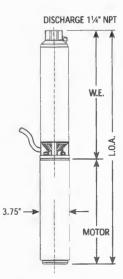
Model 12EB



DIMENSIONS AND WEIGHTS

Order Number				l	ength (หลาล	ો		Weight (lbs.)
	HP	Phase	Stages	W.E.①	Motor	L.O.A.2	W.E.	Motor	Total
8EB0522, 8EB0521	1/2	1	10	13.3	9.5	22.8	5	18	23
8EB0722	3/4	1	13	15.4	10.7	26.1	6	20	26
8EB1022	1	1	17	18.3	11.8	30.1	8	23	31
12EB0522, 12EB0521	1/2	1	7	11.0	9.5	20.5	4	18	22
12EB0722	3/4	1	10	13.0	10.7	23.7	5	20	25
12EB1022	1	1	12	14.4	11.8	26.2	6	23	29
12EB1522	11/2	1	17	17.9	15.1	33.0	8	31	39

1 W.E. = water end or pump without motor. 2 L.O.A. = length of assembly – complete pump – water end and motor.





- 2N1 Adjustable or Continuous Rotation Provides a full range adjustment from 40° to a continuous full circle.
- Patented Arc Set Degree Markings –
 Clearly indicates the current watering pattern
 and simplifies arc set adjustment.
- ► Arc Memory Clutch Prevents internal gear damage and returns rotor to its prior setting automatically if nozzle turret is forced past its stop.
- ► Time Proven Patented Reversing Mechanism —
 Assures continuous reverse and return…over a
 20 year history

- Ratcheting Riser Allows for easy adjustment of your left starting position with a simple turn of the riser.
- Rubber Cover Seals out dirt and increases product durability.
- Wide Selection of Nozzles Including standard and low angle, provides flexibility in system design.
- Optional Check Valve Prevents low head drainage.



PROPLUS™

The **PROPLUS**™ adjustable arc and full-circle gear driven rotor comes standard with nine numerically coded interchangeable nozzles. Excellent nozzle performance delivers an exceptional fall out pattern. In independent testing by C.I.T., the **PROPLUS**™ delivered up to 90% uniform coverage.

Also Available: 12" High Pop, Shrub Head and Reclaimed Water models.

Tough, proven and advanced, the **PROPLUS**TM is the leader in it's class. Set it and forget it. Arc Memory Clutch returns the rotor to its preset position. Technology works for you.

MODELS

11003 ProPlus

11003-HP Pro*Plus* 12" High Pop **11003-SH** Pro*Plus* Shrub Head

OTHER OPTIONS: ADD TO PART NUMBER

-CV Check Valve -LA Low Angle Nozzle -NN No Nozzle

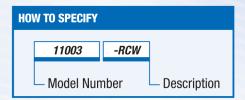
-RCW ProPlus for Reclaimed Water w/Low Angle Nozzle

EASY ARC SETTING

Arc Selection 40° to Continuous 360°

Adjust From Left Start







K-Rain Manufacturing Corp.

1640 Australian Avenue Riviera Beach, FL 33404 USA +1 561 844-1002

FAX: +1 561 842-9493

SPECIFICATIONS

- ► Inlet: 3/4" Threaded NPT
- Arc Adjustment Range:
 40° to Continuous 360°
- ► Flow Range: .5 10.0 GPM
- Pressure Rating: 20 70 PSI
- Precipitation Rate: .06 to .50 Inches Per Hour (Depending on Spacing and Nozzle Used)
- Overall Height (Popped Down): 7 1/2" / 17" for High Pop
- Recommended Spacing: 28' to 44'
- Radius: 22' to 50'
- Nozzle Trajectory: 26°
- Low Angle Nozzle Trajectory: 12°
- Standard and Low Angle Nozzle: Included
- ▶ Riser Height: 5"

PERFORMANCE DATA

PERFORMANCE						
NOZZLES P	RESSURE	RADIUS	FLOW			
	PSI	FT.	GPM			
#0.5	30	28'	.5			
	40	29'	.6			
	50	29'	.7			
	60	30'	.8			
#0.75	30	29'	.7			
	40	30'	.8			
	50	31'	.9			
	60	32'	1.0			
#1	30	32'	1.3			
	40	33'	1.5			
	50	34'	1.6			
	60	35'	1.8			
#2	30	37'	2.4			
	40	40'	2.5			
	50	42'	3.0			
	60	43'	3.3			
#2.5 PRE-INSTALLED	30 40 50 60	38' 39' 40' 41'	2.5 2.8 3.2 3.5			
#3	30	38'	3.6			
	40	39'	4.2			
	50	41'	4.6			
	60	42'	5.0			
#4	30	43'	4.4			
	40	44'	5.1			
	50	46'	5.6			
	60	49'	5.9			
#6	40	45'	5.9			
	50	46'	6.0			
	60	48'	6.3			
	70	49'	6.7			
#8	40	42'	8.0			
	50	45'	8.5			
	60	49'	9.5			
	70	50'	10.0			

NOZZLES	PRES KPA	SURE BARS	RADIUS METERS	FLO	W M3/H
#0.5	206	2.0	8.5	1.89	.11
	275	3.0	8.8	2.27	.14
	345	3.5	8.8	2.65	.16
	413	4.0	9.1	3.03	.18
#0.75	206	2.0	8.8	2.65	.16
	275	3.0	9.1	3.03	.18
	345	3.5	9.4	3.41	.20
	413	4.0	9.8	3.79	.23
#1	206	2.0	9.8	4.92	.30
	275	3.0	10.1	5.68	.34
	345	3.5	10.4	6.05	.36
	413	4.0	10.7	6.81	.41
#2	206	2.0	11.3	9.08	.54
	275	3.0	12.2	9.46	.56
	345	3.5	12.8	11.35	.68
	413	4.0	13.1	12.49	.75
#2.5 PRE-INSTALLED	206 275 345 413	2.04 2.72 3.40 4.08	11.6 11.9 12.2 12.5	9.46 10.60 12.11 13.25	.57 .64 .73 .79
#3	206	2.0	11.6	13.63	.81
	275	3.0	11.9	15.89	.95
	345	3.5	12.5	17.41	1.04
	413	4.0	12.8	18.92	1.13
#4	206	2.0	13.1	16.65	.99
	275	3.0	13.4	19.30	1.15
	345	3.5	14.0	21.19	1.27
	413	4.0	14.9	22.33	1.33
#6	206	3.0	13.7	22.33	1.33
	275	3.5	14.0	22.71	1.36
	345	4.0	14.6	23.85	1.43
	413	5.0	14.9	25.35	1.52
#8	206	3.0	12.8	30.28	1.81
	275	3.5	13.7	32.12	1.92
	345	4.0	14.8	35.95	2.15
	413	5.0	15.3	37.85	2.27

LOW ANGLE DATA					
NOZZLES	PRESSURE	RADIUS	FLOW		
	PSI	FT.	GPM		
<mark>#1</mark>	30	22'	1.2		
	40	24'	1.7		
	50	26'	1.8		
	60	28'	2.0		
#3)	30	29'	3.0		
	40	<mark>32'</mark>	3.1		
	50	35'	3.5		
	60	37'	3.8		
#4	30	31'	3.4		
	40	34'	3.9		
	50	37'	4.4		
	60	38'	4.7		
#6	40	38'	6.5		
	50	40'	7.3		
	60	42'	8.0		
	70	44'	8.6		

METRIC					
NOZZLES	PRES	SURE	RADIUS	FLO	W
	KPA	BARS	METERS	L/M	M3/H
#1	207	2.04	6.71	4.54	.27
	275	2.72	7.32	6.43	.39
	344	3.40	7.92	6.80	.41
	413	4.08	8.53	7.56	.46
#3	207	2.04	8.84	11.34	.68
	275	2.72	9.75	11.72	.71
	344	3.40	10.67	13.23	.80
	413	4.08	11.58	14.36	.87
#4	207	2.04	9.45	12.85	.78
	275	2.72	10.36	14.74	.89
	344	3.40	11.28	16.63	1.00
	413	4.08	11.58	17.77	1.07
#6	275 344 413 482	2.72 3.40 4.08 4.76	11.58 12.19 12.80 13.41	24.57 27	TAT

Data represents test results in zero wind. Adjust for local conditions. Radius may be reduced with nozzle retention screw.

STEVEN KUI 5152 From: Ritzen,Brenda
To: Steven Kubena

Cc: <u>James Forehand</u>; <u>Katie Grisham</u>

Subject: RE: 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Septic Design Notes - REV 2

Date: Monday, March 24, 2025 12:02:00 PM

Attachments: <u>image001.pnq</u>

Steven,

The permit file has been updated.

Thank you,



Brenda Ritzen

Environmental Health Coordinator 195 David Jonas Dr. New Braunfels, TX 78132 DR:OS00007722 830-608-2090 www.cceo.org

From: Steven Kubena <surefloseptic@gmail.com>

Sent: Monday, March 24, 2025 10:53 AM **To:** Ritzen, Brenda < rabbjr@co.comal.tx.us>

Cc: James Forehand < jpforehand@yahoo.com>; Katie Grisham < sotxservices@gmail.com> **Subject:** 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Septic Design Notes - REV 2

This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender and know the content is safe.

- Comal IT

Brenda,

Please see the attached 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Septic Design Notes - REV 2.

Thank You,

Steven Kubena, R.S., CEO **Sure Flo Septic, LLC** Call or Text our Office at (830) 542-0094 From:Ritzen,BrendaTo:Steven KubenaCc:Katie Grisham

Subject: RE: 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Septic Design - REV 1, Permit 118219

Date: Thursday, March 20, 2025 8:22:00 AM

Attachments: Page from 118219.pdf

image001.png

Nicholas.

This page must also be updated from NuWater to Clearstream.

Thank you,



Brenda Ritzen

Environmental Health Coordinator 195 David Jonas Dr. New Braunfels, TX 78132 DR:OS00007722 830-608-2090 www.cceo.org

From: Steven Kubena <surefloseptic@gmail.com>

Sent: Monday, March 17, 2025 10:47 AM **To:** Ritzen, Brenda < rabbjr@co.comal.tx.us> **Cc:** Katie Grisham < sotxservices@gmail.com>

Subject: Re: 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Septic Design - REV 1, Permit 118219

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Do not click links or open attachments unless you recognize the sender and know the content is safe.

- Comal IT

Brenda,

Please see the attached 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Pump Tank Float Settings.

Thank You.

Steven Kubena, R.S., CEO Sure Flo Septic, LLC

From: Ritzen,Brenda
To: Steven Kubena
Cc: Katie Grisham

Subject: RE: 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Septic Design - REV 1, Permit 118219

Date: Thursday, March 13, 2025 4:08:00 PM

Attachments: Page from 118219.pdf

image001.png

Steven.

The attached page must be updated to match the design which was revised to Clearstream.

Thank you,



Brenda Ritzen

Environmental Health Coordinator 195 David Jonas Dr. New Braunfels, TX 78132 DR:OS00007722 830-608-2090 www.cceo.org

From: Steven Kubena <surefloseptic@gmail.com>

Sent: Friday, March 7, 2025 10:28 AM **To:** Ritzen, Brenda < rabbjr@co.comal.tx.us> **Cc:** Katie Grisham < sotxservices@gmail.com>

Subject: 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Septic Design - REV 1

This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender and know the content is safe.

- Comal IT

Brenda,

Please see the attached 9063 Fawn Creek Dr. Spring Branch, Tx 78070 - Septic Design - REV 1.

Thank You,

Steven Kubena, R.S., CEO



OSSF Design Notes:



LOT 38 VALERO ESTATES, UNIT 1 1.19 ACRES



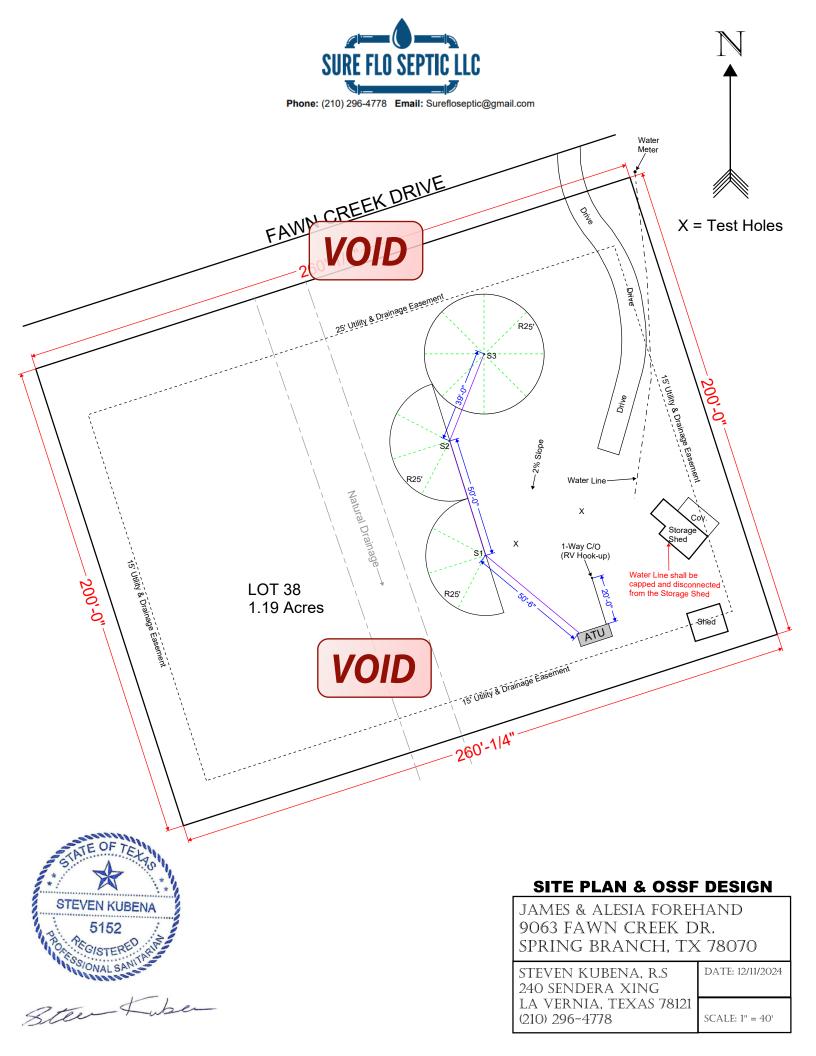
LOT IS NOT LOCATED IN THE 100 YEAR FLOOD PLAIN BUT WITHIN THE CONTRIBUTING ZONE. THE DESIGN IS EXEMPT FROM PERMENANT BMPS DUE TO A SINGLE FAMILY RESIDENCE WITH IMPERVIOUS COVER LESS THAN 20 PERCENT.

KEY NOTES:

- 1. Design is for a RV Hook-up with a wastewater rate of 114 gpd.
- 2. The lot is not location in the 100 year floodplain.
- 3. Install a 1-way cleanout as an RV Hook-up in a 3" or 4" sch 40 tightline tyeing in to the ATU, Minimum slope 1/8 in/ft.
- 4. Proposed ATU is a NuWater B-550 (600 GPD) ATU.
- 5. Supply line to the sprinklers is purple 1" schedule 40.
- 6. S1 is K-Rain Proplus low angle sprinklers with #1 nozzles operating @ 50 psi, 180° pattern, 25' radius.
- 7. S2 is a K-Rain Proplus low angle sprinkler with #1 nozzle operating @ 50 psi, 180° pattern, 25' radius.
- 8. S3 is a K-Rain Proplus low angle sprinkler with #1 nozzle operating @ 50 psi, 180° pattern, 25' radius.
- 9. S4 is a K-Rain Proplus low angle sprinkler with #1 nozzle operating @ 50 psi, 180° pattern, 25' radius.
- 10. There shall be no obstructions within 10' of the sprinkler heads.
- 11. Audible & Visual alarms, external disconnect within site of the pump tank, pump & alarms on separate breakers and external wiring in conduit are required.
- 12. Timer set to spray between 12:00 AM & 5:00 AM.
- 13. Liquid chlorinator.
- 14. Any excavations and/or exposed rock in the disposal area shall be covered with topsoil and seasonal grasses **VOID** ded over the disposal area in order to minimize run-off & erosion.
- 15. Water line shall be disconnected from the storage shed.









LOT 38 VALERO ESTATES, UNIT 1 **1.19 ACRES**

LOT IS NOT LOCATED IN THE 100 YEAR FLOOD PLAIN BUT WITHIN THE CONTRIBUTING ZONE. THE DESIGN IS EXEMPT FROM PERMENANT BMPS DUE TO A SINGLE FAMILY RESIDENCE WITH IMPERVIOUS COVER LESS THAN 20 PERCENT.

KEY NOTES:

- 1. Design is for a RV Hook-up with a wastewater rate of 114 gpd.
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- 4. Proposed ATU is a NuWater B-550 (600 GPD) ATU.
- 5. Supply line to the sprinklers is purple 1" schedule 40.
- 6. S1 is K-Rain Proplus low angle sprinklers with #1 nozzles operating @ 50 psi, 180° pattern, 25' radius.
- 7. S2 is a K-Rain Proplus low angle sprinkler with #1 nozzle operating @ 50 psi, 180° pattern, 25' radius.
- 8. S2 is a K-Rain Proplus low angle sprinkler with #1 nozzle operating @ 50 psi, 360° pattern, 25' radius.

- 9. There shall be no obstruction within the sprinkler heads.
- 10. Audible & Visual alarms, external disconnect within site of the pump tank, pump & alarms on separate breakers and external wiring in conduit are required.
- 11. Timer set to spray between 12:00 AM & 5:00 AM.
- 12. Liquid chlorinator.
- 13. Any excavations and/or exposed rock in the disposal area shall be covered with topsoil and seasonal grasses shall be seeded over the disposal area in order to minimize run-off & erosion.
- 14. Water line shall be disconnected from the storage shed.







Mobile (210) 296-4778 Surefloseptic@gmail.com

OSSF DESIGN

Owner: James & Alesia Forehand

Location: 9063 Fawn Creek Dr. Spring Branch, Tx 78070

Phone: (830) 570-7082 Date: 12/10/2024

Development: (1) RV Hook-Up w/ Water Saving Devices

Q: 114 gpd Soil: IV R_i : 0.064 gall/ft²/day

System Type: Aerobic/Surface Application (NuWater B-550 – 600 GPD)

Proposed ATU Treatment Capacity: 600 gpd

Trash Tank: 353 gall Aerobic Tank: 600 gpd Pump Tank: 768 gall

Supply Line: Sch 40, 1" purple (~140') Check Valve Required: No

Minimum Application Area (A): 1781.25 ft^2 (A = Q/R_i)

Sprinklers: K-Rain Super Pro 10003-RCW

Number	Nozzle	PSI	Pattern	Radius	Area/head	GPM/head	R_i
S1	#1	50	180°	25 ft	981.25 ft ²	1.8	$0.\overline{064}$
S2	#1	50	180°	25 ft	981.25 ft ²	1.8	0.064
S3	#1	50	360°	25 ft	1962.50 ft ²	1.8	0.064

Overlap Area: 0 ft² Actual Application Area. 3725.00

TDH Calculations:

Friction Head(H_f) = $\frac{1.2(10.4397)(L)(Q)^{1.85}}{(C)^{1.85}(D)^{4.8655}}$ = 3.25 ft

L = Length of equivalent pipe length (D) in feet

C = Hazen - Williams flow coefficient (150 for schedule 40)

Q = Flow rate, gpm

D = Internal pipe diameter, inches

Pressure Head $(H_p) = 115.5 \text{ ft}$ (2.31)(psi) Elevation Head $(H_e) = 5 \text{ ft}$

 $TDH = 123.75 \text{ ft} \quad (H_f + H_p + H_e)$

Pump Requirements: 5.4 GPM @ 123.75 ft TDH Pump: Blaster Model 12EB-05 (Or Equivalent)

GPM: **5.4 GPM**

- Timer set to spray between 12:00 AM & 5:00 AM.
- Liquid chlorinator

Assembly Details

OSSF



Steer Luber

See Note 9. See Note 9. See Note 5. See Note 10. See Note 7. See Note 11. Inlet Flow Line 53"" 59" Aeration Clarifier treatment 560 Gal. 353 Gal. 190 Gal Diffuser Bar See Note 8.

GENERAL NOTES:

- Plant structure material to be precast concrete and steel.
- Maximum burial depth is 30" from slab top to grade.
- Weight = 14,900 lbs.
- Treatment capacity is 600 GPD. Pump compartment set-up for a 360 GPD Flow Rate (4 beedroom, < 4,000 sq/ft living aera). Please specify for additional set-up requirements. BOD Loading = 1.62 lbs. per day.
- Standard tablet chlorinator or Optional Liquid chlorinator.
 NSF approved chlorinators (tablet & liquid) available.
- 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
- 20" Ø acess riser w/ lid (Typical 4). Optional extension risers available.
- 20 GPM 1/2 HP, high head effluent pump.
- HIBLOW Air Compressor w/ concrete housing.
- 10. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
- 1" Sch. 40 PVC pipe to distribution system provided by contractor.
- 12. 4" min. compacted sand or gravel pad by Contractor

DIMENSIONS:

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

MINIMUM EXCAVATION DIMENSIONS:

Width: 76" Length: 176"

See Note 12.

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.

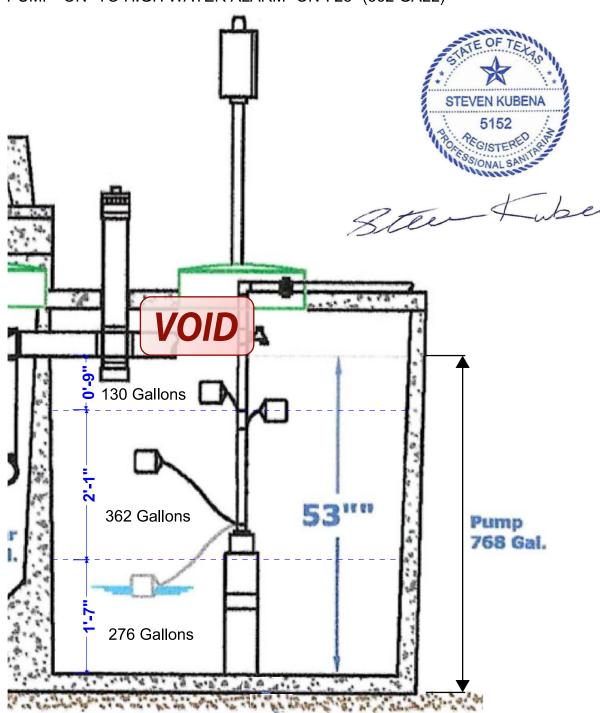
Dwg. #: ADV-B550-3



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

NuWater B-550 (600 GPD) PUMP TANK DETAILS (FLOA VOID NGS)

Q'S UP TO 360 GPD 14.49 GALL/IN HIGH WATER ALARM "ON" TO BOTTOM OF INLET: 9" (130 GALL) PUMP "ON" TO HIGH WATER ALARM "ON": 25" (362 GALL)



THERE SHALL BE AT LEAST ONE DAY OF STORAGE BETWEEN THE ALARM-ON LEVEL AND THE PUMP-ON LEVEL, AND A STORAGE VOLUME OF ONE-THIRD THE DAILY FLOW BETWEEN THE ALARM-ON LEVEL AND THE INLET TO THE PUMP TANK.

From: Ritzen, Brenda

To: jpforehand@yahoo.com; Steven Kubena

Subject: Permit 118219

Date: Thursday, January 23, 2025 2:39:00 PM

Attachments: <u>image001.png</u>

Page from 118219.pdf

Re: James & Alesia Forehand

Valero Estates Unit 1 Lot 38

Application for Permit for Authorization to Construct an On-Site Sewage Facility (OSSF)

Owner / Agent :

The following information is needed before I can continue processing the referenced permit submittal:

✓Both property owners must sign the permit application.

2. Revise as needed and resubmit.

Thank you,



Brenda Ritzen

Environmental Health Coordinator 195 David Jonas Dr. New Braunfels, TX 78132 DR:OS00007722 830-608-2090 www.cceo.org







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

Date		Permit Number	118219	
1. APPLICANT / AGENT INFORMATION				
Owner Name James & Alesia Forehand	Agent Name	Steven Kubena		
Mailing Address 1645 Tessman Rd	Agent Address	240 Sendera Crossing	9	
City, State, Zip Pleasanton, Texas 78064	City, State, Zip	La Vernia, Tx 78121		
Phone # (830) 570-7082	Phone #	(210) 296-4778		
Email jpforehand@yahoo.com	Email	Surefloseptic@gmail.com		
2. LOCATION				
Subdivision Name Valero Estates	U	nit 1 Lot 38	Block N/A	
Survey Name / Abstract Number N/A		A	creage 1.19	
Address 9063 Fawn Creek Dr.	City Spring Branch	State	Tx Zip 78070	
3. TYPE OF DEVELOPMENT				
⊠ Single Family Residential				
Type of Construction (House, Mobile, RV, Etc.) RV				
Number of Bedrooms N/A				
Indicate Sq Ft of Living Area N/A				
Non-Single Family Residential				
(Planning materials must show adequate land area for doul	bling the required land nee	ded for treatment units	and disposal area)	
Type of Facility				
Offices, Factories, Churches, Schools, Parks, Etc I	Indicate Number Of Occ	upants		
Restaurants, Lounges, Theaters - Indicate Number of	of Seats	-		
Hotel, Motel, Hospital, Nursing Home - Indicate Num	ber of Beds			
Travel Trailer/RV Parks - Indicate Number of Spaces				
Miscellaneous				
	VOID			
Estimated Cost of Construction: \$_\$15,000	(Structure Only)			
Is any portion of the proposed OSSF located in the Unite	ed States Army Corps of	Engineers (USACE)	flowage easement?	
Yes No (If yes, owner must provide approval from USA	ACE for proposed OSSF impro	vements within the USAC	E flowage easement)	
Source of Water Public Private Well Ra	ninwater			
4. SIGNATURE OF OWNER				
By signing this application, I certify that: - The completed application and all additional information submitte	ed does not contain any fals	se information and does	s not conceal any material	

- 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.

Signature of Owner



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.

GF# SAT-14-4000142400451-SH

Date: 11/21/2024

Grantor: John Stubblefield and Jennifer Stubblefield, husband and wife

Grantor's Mailing Address: 3312 Hidden Mist Dr. Texus City, TX 77568

Grantee: James Paul Forehand and Alesia Mardeen Forehand, with her joining herein to perfect the security interest but not to otherwise be liable

Grantee's Mailing Address: 1645 Tessman Rd, Pleasanton, TX 78064

Consideration: TEN AND NO/100----(\$10.00)------DOLLARS CASH AND OTHER GOOD AND VALUABLE CONSIDERATION, THE RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED AND CONFESSED

AND THE FURTHER CONSIDERATION OF THE EXECUTION AND DELIVERY of a Note of even date that is in the principal amount of SIXTY-NINE THOUSAND TWO HUNDRED SEVENTY-FIVE AND NO/100 DOLLARS (U.S. \$69,275.00) executed by Grantee, payable to the order of SOUTHTRUST BANK, N.A.. The Note is secured by a Vendor's Lien retained in favor of SOUTHTRUST BANK, N.A. in this Deed and by a Deed of Trust of even date from James Paul Forehand AND Alesia Mardeen Forehand to DENISE M. GARZA, TRUSTEE(S).

Property (including any improvements):Lot 38, Valero Estates, Unit 1, a subdivision in Comal County, Texas, according to the map or plat thereof recorded in Volume 12, Pages 333-334, Map and Plat Records of Comal County, Texas.

Property commonly known as: 9063 Fawn Creek Drive, Spring Branch, TX 78070

Reservations from Conveyance: NONE

Exceptions to Conveyance and Warranty:

This conveyance, however, is made and accepted subject to any and all restrictions, encumbrances, easements, covenants, and conditions, if any, relating to the hereinabove described property as the same are filed for record in the County Clerk's Office of COMAL County, Texas.

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.

Current ad valorem taxes on the property having been prorated, the payment thereof is assumed by Grantee.

The vendor's lien against and superior title to the property are retained until each note described is fully paid according to its terms, at which time this deed shall become absolute.

The said Vendor's Lien and Superior Title herein retained in the amount of SIXTY-NINE THOUSAND TWO HUNDRED SEVENTY-FIVE AND NO/100 DOLLARS (U.S. \$69,275.00) are hereby transferred, assigned, sold and conveyed to SOUTHTRUST BANK, N.A., its successors and assigns, or heirs and assigns, as appropriate, the Payees named in said Note, without recourse on Grantor.

When the context requires, singular nouns and pronouns include the plural.								
John Stubblefield								
Jennifer Stubblefield								
(Acknowledgment)								
THE STATE OF TEXAS COUNTY OF ONLY								
This instrument was acknowledged before me on the John Stubblefield and Jennifer Stubblefield.								
SHANNA LYNN HICKS My Notary ID # 128923959								
Expires March 9, 2028 Notary Public, State of								
Notary's printed Name: Shann L. thous								

NOTICE: This document affects your legal rights. Read it carefully before signing.

AFTER RECORDING RETURN TO:

James Paul Forehand and Alesia Mardeen Forehand 1645 Tessman Rd, Pleasanton, TX 78064 Filed and Recorded Official Public Records Bobbie Koepp, County Clerk Comal County, Texas 11/22/2024 11:03:12 AM TAMMY 3 Pages(s) 202406035855



After Recording Return to: Alamo Title Company 494 South Seguin St., Ste 100 New Braunfels, TX 78130