

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

Permit Number: 119003

Issued This Date: 10/06/2025

This permit is hereby given to: CASITAS AT SU N VALLEY, LLC

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

96 SUN VALLEY DR

SPRING BRANCH, TX 78070

Subdivision: SUN VALLEY VILLAGE

Unit: 2 Lot: 96

Block: 0

Acreage: 2.7200

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.





Signature of Owner

ON-SITE SEWAGE FACILITY APPLICATION

195 DAVID JONAS DR NEW BRAUNFELS, TX 78132 (830) 608-2090

WWW CCEO ORG

Date Au	igust 19, 2025		Permit Nu	ımber	11900	3
1. APPLICANT /	AGENT INFORMATION					
Owner Name	CASITAS AT SUN VALLEY, LLC	Agent Name	GI	REG W. J	OHNS	ON, P.E.
Mailing Address	96 SUN VALLEY DRIVE	Agent Address	7	170 HO	LLOW	OAK
City, State, Zip	SPRING BRANCH, TX 78070	City, State, Zip	NEV	V BRAU	NFELS,	TX 78132
Phone #	817-733-9838	Phone #		830-	905-27	78
Email	brian@steinerrei.com	Email	gre	egjohnson	pe@ ya	ahoo.com
2. LOCATION						
Subdivision Name	e SUN VALLEY VILLAGE	Un	it2	_ Lot	96	Block
Survey Name / A	bstract Number			Ac	reage	2.718
Address	96 SUN VALLEY DRIVE	City SPRING B	RANCH	State	TX	Zip 78070
3. TYPE OF DEV	ELOPMENT					
Single Fam	ily Residential					
Type of Co	nstruction (House, Mobile, RV, Etc.)					
Number of	Bedrooms					
Indicate Sq	Ft of Living Area					
Non-Single	Family Residential					
(Planning ma	aterials must show adequate land area for doubling	the required land needs	ed for treatm	ent units	and disp	oosal area)
Type of Fac	cility SHORT TERM RENTALS & OFFICE					
	ctories, Churches, Schools, Parks, Etc Indica	ate Number Of Occup	pants 1 PER	SON OF	FICE	
	s, Lounges, Theaters - Indicate Number of Sea	•				
	el, Hospital, Nursing Home - Indicate Number o					
	ler/RV Parks - Indicate Number of Spaces					
	ous					
Estimated Cost	of Construction: \$ 150,000	(Structure Only)				
	of the proposed OSSF located in the United Sta	••	nnineers (USACE)	flowani	easement?
	No (If yes, owner must provide approval from USACE for					
Name of the last o	Public Private Well Public V			the Conc	L nowey	o casemant)
4. SIGNATURE C	tuned framed	Training of	, one caron			A.,
	ication, I certify that:					
- The completed ap	plication and all additional information submitted do t I am the property owner or I possess the appropria					
 Authorization is he site/soil evaluation 	ereby given to the permitting authority and designate in and inspection of private sewage facilities a permit of authorization to construct will not be issu					
by the Comal Cou	inty Frood Damage Prevention Order. The online posting/public release of my e-mai					•
V	sent to the contine posting/public release of my e-mail	address associated w		iii applica	uoti, as	аррисалю,



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 GREG W. JOHNSO	ON, P.E.
System Description PROPRIETARY; AEROBIC TREATMENT AND SU	URFACE IRRIGATION
Size of Septic System Required Based on Planning Materials & Soil Evaluation	
Tank Size(s) (Gallons) 1000 TRASH/1500 EQ/1500 ATU/ 2000 PUMP (#114265) Absorption/Application Area	(Sq Ft)
Gallons Per Day (As Per TCEQ Table III)1212 DESIGN RATE	
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	al 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	ng 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 a	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 pr not be issued for the proposed OSSF until the proposed WPAP has been approved by the approp	
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 exist	ing CZP)
If there is no existing CZP, does the proposed development activity require a TCEQ approximately (if yes, the P.E. or R.S. shall certify that the OSSF design will comply with all provisions of the proposed of the proposed OSSF until the CZP has been approved by the appropriate region.	posed CZP. A Permit to construct will gional office.)
Is this property within an incorporated city? 🗌 Yes 🛛 No	STATE OF TEXT
If yes, indicate the city:	GREG W. JOHNSON 87587 67587 ROONAL ENGINE
	FIRM #2585
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 August 19, 20 Signature of Designer Date	

AFFIDAVIT

THE COUNTY OF COMAL STATE OF TEXAS

CERTIFICATION OF OBSF REQUERING MAINTENANCE

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

1

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCBQ) 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 accessary 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 pisces of property. To achieve this action, 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 continue any guarantee by the commission that the appropriate OSSF was installed.

П

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

2 UNITYMASERECTION BLOCK 96	OT SUN VALLEY VELLACE	SESSIVE FOR
LP NOT IN SURDIVISION:ACREAGE		SURVEY
The property is owned by (Insert owner's full name a Two limited lightity company.	CASITAS AT SUN VALLEY, L	LC,
This OSSF must be covered by a continuous maint the initial two-year service policy, the owner of an a residence shall either obtain a maintenance contrac personally.	crobic treatment system for a single family	
Upon mie or transfer of the above-described prope transferred to the buyer or new owner. A copy of the obtained from the Council County Engineer's Office.	to planning materials for the OSSP can be	
WITHERS BY HAND(S) ON THE 22 DAY OF	Hugust 20 25	_
Ownet(a) signature(a)	RRIAN STEINER - MANAGER Own: (c) Printel quas (r)	-
August 20 25 Notary Public Signature SWORN TO	AND SUBSCRIBED BEFORE ME ON TRIB	<u>22</u> day of
	Filed and Record	ied



Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
08/25/2025 08:30:10 AM
PRISCILLA 1 Pages(s)
202506027108



SERVICE AGREEMENT



Casitas at Sun Valley LLC 96 Sun Valley Spring Branch, TX 78070 P: (817) 733-9838 COUNTY: Comal

PERMIT: 114265

RECEIVED

By shelly helmke at 8:48 am, Oct 14, 2025

DESCRIPTIONTERMAMOUNTTAXTOTALCommercial Service Contract10/13/25 - '26550.00\$ \$550.00

General

This Work for Hire Agreement (hereinafter referred to as this "Agreement") is entered into by and between the client named above (referred to as to "Client") and Aerobic Services of South Texas (Thomas W. Hampton MP349) (hereinafter referred to as "Contractor") located at 15188 FM 306 Canyon Lake, Texas 78133 (830) 964-2365. By this Agreement the Contractor agrees to render professional service, as described herein, and the Client agrees to fulfill the terms of this Agreement as described herein. This contract will provide for all required inspections, testing and service for your Aerobic Treatment System. The policy will include the following:

- 1. 3 inspections per year (1 every 4 months), for a total of 3 over the one year period including inspection, adjustment and servicing of the mechanical, electrical and other applicable component parts to ensure proper function. This includes inspecting control panel, air pumps, air filters, diffuser operation. Any alarm situation affecting the proper function of the Aerobic process will be addressed within a 48-hour time frame. Repair work on non-warranty parts will include price for parts & labor. The prices will be quoted before work is performed.
- 2. An effluent quality inspection consisting of a visual check for color, turbidity, scum overflow and examination for odors. A test for chlorine residual and PH will be taken and reported as necessary.
- 3. If any improper operation is observed, which cannot be corrected at the time of the service visit, you will be notified immediately in writing of the conditions and estimated date of correction.
- 4. Customers are responsible for adding chlorine, and it is recommend that chlorine be added into the system monthly. If a customers opts-in to the chlorine add-on as part of their service contract with Aerobic Services, Aerobic Services will add chlorine at each inspection.
- 5. Any additional visits, inspections or sample collection required by specific Municipalities, Water/River Authorities, County Agencies, the TCEQ or any other authorized regulatory agency in your jurisdiction will be covered by this policy but subject to a service visit charge.

The property owner's manual must be strictly followed, or warranties are subject to invalidation. Pumping of sludge build-up is not covered by this policy and will result in additional charges.

Access by Contractor

The Contractor or anyone authorized by the Contractor may enter the property at reasonable times without prior notice for the purpose of the above described Services. The contractor may access the System components including the tanks by means of excavation for the purpose of evaluations if necessary. Soil is to be replaced with the excavated material as best as possible.

Termination of Agreement

Either party may terminate this agreement within ten days of the start date by providing written notice if other party substantially fails to perform in accordance with the terms of the agreement, without fault of the terminating party. If this Agreement is so terminated, the Contractor will immediately notify the appropriate health authority. Customers will receive a pro rata refund for the balance of their contract if canceled after the initial 10 day period.

Limit 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 shall the Contractor's liability for direct damages exceed the price for the services described in this Agreement.

Dispute Resolution

If a dispute between the Client and the Contractor arises that cannot be settled in good faith negotiations then the parties shall choose a mutually acceptable arbitrator and shall share the cost of the arbitration services equally.

Entire Agreement

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

Severability

If any provision of this Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of this agreement is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

SERVICE PROVIDER Aerobic Services 15188 FM 306 Canyon Lake, TX 78133

Signature Tom Hampton VP **License #s00024597** / **MP 349**

Customer Signature

***To pay online, proceed to the "Billing" section in your Customer Portal

AEROBIC SERVICES

Casitas at Sun Valley LLC

PERMIT: 114265 COUNTY: Comal TERM:10/13/25 - '26

PLEASE REMIT 550.00

Commercial Service Contract

RECEIVED

By shelly helmke at 8:48 am, Oct 14, 2025

Signed on: Monday, 10/13/2025

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed:	August 18, 2025		
Site Location:	SUN VALLEY	VILLAGE, UNIT 2, LOT 96	
Proposed Excavation Depth:	N/A		
Locations of soil boring of	or dug pits must be shown on the si	at opposite ends of the proposed disposal area. te drawing. to a depth of at least two 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 the form. Indicate depths where features appear.

Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
6"	III	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 6"	BROWN
2						
4						

SOIL BORING	NUMBER SURI	FACE EVALUAT	ION			
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	SAME		AS		ABOVE	
2						
3						
4						
5						

I certify that the findings	of this report are	based on my field	d observations and	are accurate to
the best of my ability.				

Greg W. Johnson, P.E. 67587-F2585, S.E. 11561

Date

OSSF SOIL EVALUATION REPORT INFORMATION

Date: August 19, 2025	
Applicant Information:	
	Site Evaluator Information:
Name: CASITAS at SUN VALLEY, LLC.	Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Address: 96 SUN VALLEY DRIVE	Address: 170 Hollow Oak City: New Braunfels State: Texas
City: SPRING BRANCH State: TEXAS Zip Code: 78070 Phone: (817) 733-9838	Zip Code: 78132 Phone & Fax (830)905-2778
Zip Code: Phone: (617) 755-7656	Zip Code: /8132 Phone & Fax 1830/903-2778
Property Location: Lot 96 Unit 2 Blk Subd. SUN VALLEY VILLA	Installer Information: AGE Name:
Street Address: 96 SUN VALLEY DRIVE	Company:
City: SPRING BRANCH Zip Code: 78070	Address:
Additional Info.:	City: State:
	Zip Code: Phone
Topography: Slope within proposed disposal area:	8 %
Presence of 100 yr. Flood Zone:	YES NO X
Existing or proposed water well in nearby area.	
Presence of adjacent ponds, streams, water impoundments	YESNO_X
Presence of upper water shed	YESNO_X
Organized sewage service available to lot	YES NO_X
Design Calculations for Aerobic Treatment with Sp	ray Irrigation:
Commercial OFFICE WITH 1 EMPLOYER	E @ 12 GPD + 6 - 2 PEPSON CABINS @ 720 GPD + 2 - 4 PERSON
$Q = \underline{1212} GPD \underline{}$	
Residential Water conserving fixtures to be utilized? Y	
Number of Bedrooms the septic system is sized for:	
Q gal/day = $(Bedrooms + 1) * 75 GPD - (20\% reduction)$	for water conserving fixtures)
Q = (+1)*75-(20%)=	**************************************
Trash Tank Size Gal.	
TCEQ Approved Aerobic Plant Size 1500	
	<u>064</u> = <u>18938</u> sq. ft.
Application Area Utilized = $20,527$ sq. ft.	
Pump Requirement 12 Gpm @ 41 Psi (Re	
	ΓIMED TO DOSE IN PREDAWN HOURS
	al/inch.
Reserve Requirement = 234/333 Gal. 74 Hour fl	
Alarms: Audible & Visual High Water Alarm & Visual	Air Pump malfunction
With Chlorinator NSF/TCEQ APPROVED	
SCH-40 or SDR-26 3" or 4" sewer line to tank Two way cleanout	
Pop-up rotary sprinkler heads w/ purple non-potable lids	
1" Sch-40 PVC discharge manifold	
APPLICATION AREA SHOULD BE SEEDED AND	MAINTAINED WITH VEGETATION.
EXPOSED ROCK WILL BE COVERED WITH SOIL	•
I HAVE PERFORMED A THOROUGH INVESTIGATION	BEING A REGISTERED PROFESSIONAL ENGINEER
AND SITE EVALUATOR IN ACCORDANCE WITH CHA	
(REGARDING RECHARGE FEATURES), TEXAS CO	OMMISSION OF ENVIRONMENTAL QUALITY
(EFFECTIVE DECEMBER 29, 2016)	CETTE OF TELL
	all grand to
(' () /)	3//4/28 / * / * /
GREG W. JOHNSON, P.E. F#002585 - S.E. 11561	DATE GREG W. JOHNSON
	67587
	FIRM #2585
	OVONAL EN

AEROBIC TREATMENT SYSTEM

DESIGNED FOR: CASITAS AT SUN VALLEY, LLC 96 SUN VALLEY DRIVE SPRING BRANCH, TEXAS 78070

SITE DESCRIPTION:

Located in Sun Valley Village, Unit 2, Lot 96 at 96 Sun Valley Drive/Moore Drive, the septic system serves short term daily rental cabins sites and office. The property has shallow Type III soils, (See OSSF Soil Evaluation Report), with native grasses, and oak and Mountain Cedar trees found throughout. An aerobic treatment plant utilizing spray irrigation was selected as the most appropriate system for the conditions on this lot.

PROPOSED SYSTEM:

Flow from the office and Cabins into a 3 or 4 inch Sch-40 PVC sewer line and discharges into an existing 1000 gallon trash tank. Flow continues to an existing 1500 gallon equalization tank (EQ) fitted w/ dual Liberty LE40 4/10 hp sewage pump pumps. Wastewater is pumped through a 2" Sch-40 PVC into the EQ tank. Flow is dosed at a restricted rate of 5.1 gallons per minute, for ten minutes every hours, through a 2" SCH-40 PVC line to a 1000 GPD TCEO approved aerobic treatment plant. Effluent will continue to an existing 2000 gallon pump tank, fitted with a liquid chlorinator and dual submersible well pumps activated by mercury float switches and a dual alternating control panel with a manual reset. A high level audible and visual alarm will activate should the pump fail. Distribution alternates from the dual pumps through a 1" SCH-40 manifold to a series of spray heads as per the attached drawing. A cycle timer will alternate between the two zones every thirty three minutes twice in the predawn hours. The field must continue to be maintained with vegetation. Risers are required on tank inspection ports as per 30 TAC 285.38 (9/1/2023). This includes access limitation (<65lbs lid or hardware secured lid), inspection and cleanout ports shall have risers over the port openings which extend to a minimum of two inches above grade. A secondary plug, cap, or other suitable restraint system shall be provided below the riser cap to prevent tank entry if the cap is unknowingly damaged or removed. Fencing recommended around treatment tanks to limit public access.

DESIGN SPECIFICATIONS:

Q = 1212 gallon design rate (2 - 4person short term rental (w/2 beds) @ 480 gpd & 6 - 2 person rentals (1 bed/each) @720 gpd + Office 1 @ 12 gpd)

BOD5: The expected waste strength is residential strength 1212 gal & 300 mg/ltr *8.34/1M = 3.03 #/BOD5

Expected BOD5 reduction in 1500 gpd ATU is 3.75#/BOD5 > 3.03 #BOD5 required.

Total application area: A=Q/Ra = 1212 gpd/0.064 = 18,938 req'd. (Actual 20,527 sf.)

Trash tank: 1000gal (Existing #114265)

Equalization tank: 1500 gal w/ dual effluent pumps Liberty LE40 0.4hp or equiv.(Existing)

Dosing cycle: Cycle Timer is set to dose at a rate of 5.1gpm for ten minutes every hour.

Reserve capacity after High Level: 234Gal (>4 hrs. flow)

Aerobic Plant: Clearstream 1500 gpd Aerobic Plant (TCEQ Approved) (Existing #114265)

Aerobic Pump Tank size: 2000 gallon w/ dual effluent pumps and alarm (Existing #114265)

Pump requirement: dual 0.5 hp effluent pumps (Dominator) (Existing #114265)

Reserve capacity after High Level: 334Gal (>4 hrs. flow)

Liquid Bleach Chlorinator - TCEQ approved (Existing #114265)

Low Angle Nozzle Size: (Use # 2.5 Weathermatic discharging 2.6 gpm @ 40 PSI & 33' or equivalent)

Dosing cycle: Cycle Timer is set to dose on in the predawn hours.

Alarms: Audible Visual High Level in all pump tanks w/ dual alternating control panel

PIPE AND FITTINGS:

All pipes and fittings in this aerobic system are schedule 40 PVC. All joints are sealed with approved solvent-type PVC cement. The manifold is 1" in diameter and be colored purple. Dual well pumps capable of providing at least 9.3 gpm @ 41 psi head, such as the Dominator ½ hp 20 gpm, are utilized for pumping effluent.

Doubling of the treatment area is shown on design drawing and reserve for field doubling will require converting to aerobic drip.

ADDITIONAL NOTES:

- Install audio-visual alarm for aerator and pump on separate breakers.
- The high water and air compressor alarms are audio/visual and mounted in a place that can be easily seen and heard when alarms are activated.
- All pipe fittings and joints are with approved solvent-type PVC cement. Clipper type cutters are recommended to prevent PVC burrs during cutting of pipes causing possible plugging.

MAINTENANCE REQUIREMENTS:

- The maintenance company will verify that the system is operating properly at least every three months and provide on-going maintenance of the installation.
- A maintenance contract will authorize the maintenance company to maintain and repair the system as needed.
- The property owner must continuously maintain a signed written contract with a valid maintenance company and shall submit a copy of the contract to the permitting authority at least 30 days prior to the date service will cease.

CONSTRUCTION/INSTALLATION NOTES & REQUIREMENTS:

- Refer to site plan for component placement and follow manufacturer's instructions for installation of treatment plant and aerator.
- All materials and construction methods are required to conform to the standards for Private Sewage Facilities set forth by the Texas Administrative Code, §285 On-Site

- Sewage Facilities.
- The installer must have a current and valid Texas installer certificate, and is required to have at the minimum and Installer II certification.
- The installer must notify designer and regulatory authority at least 48 hours in advance to schedule required inspections to ensure that the system is installed in accordance with approved plans and specifications.
- The installer may not alter these plans without the approval from the designer.
- It is the responsibility of the installer to maintain the minimum setback requirements as stated in Chapter §285 On-Site Sewage Facilities.
- No part of the system shall be located within 10 feet of a potable water line.
- Daily water meter readings must be recorded and submitted to Comal County Environmental Health monthly for the first twelve months

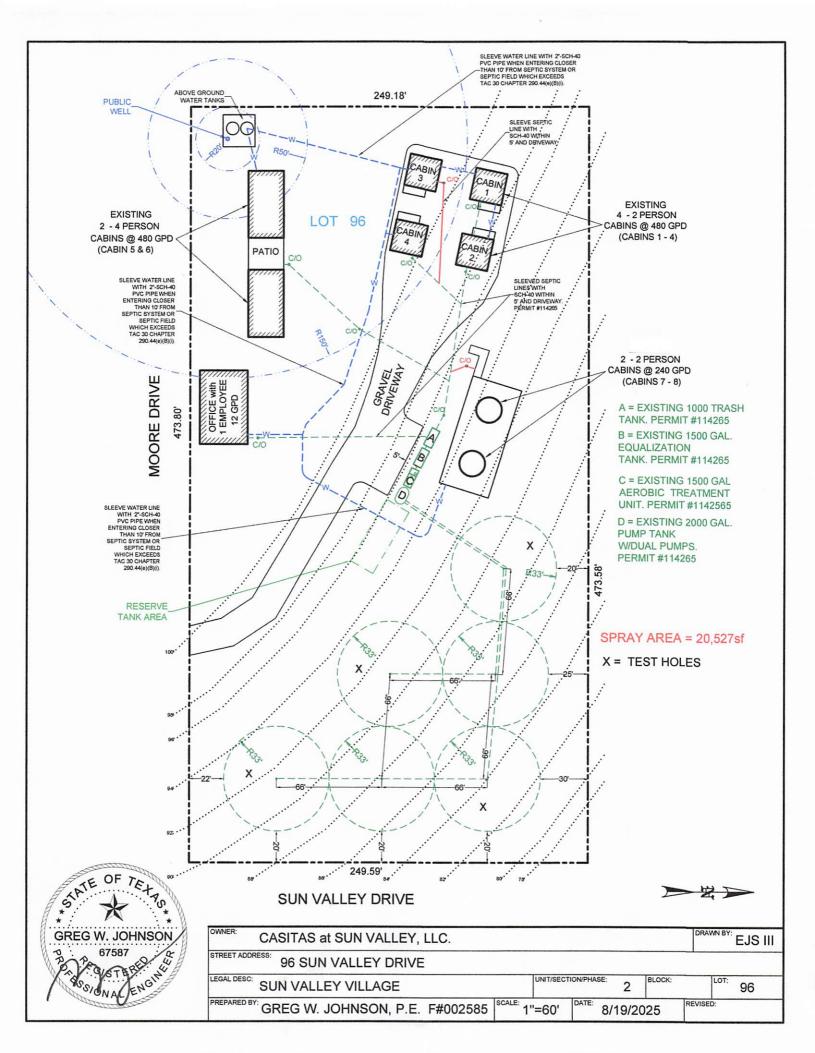
Designed in accordance with Chapter 285, Subchapter D, §285.30 & §285.40, Texas Natural Resources Conservation Commission (Effective September 1, 2023.)

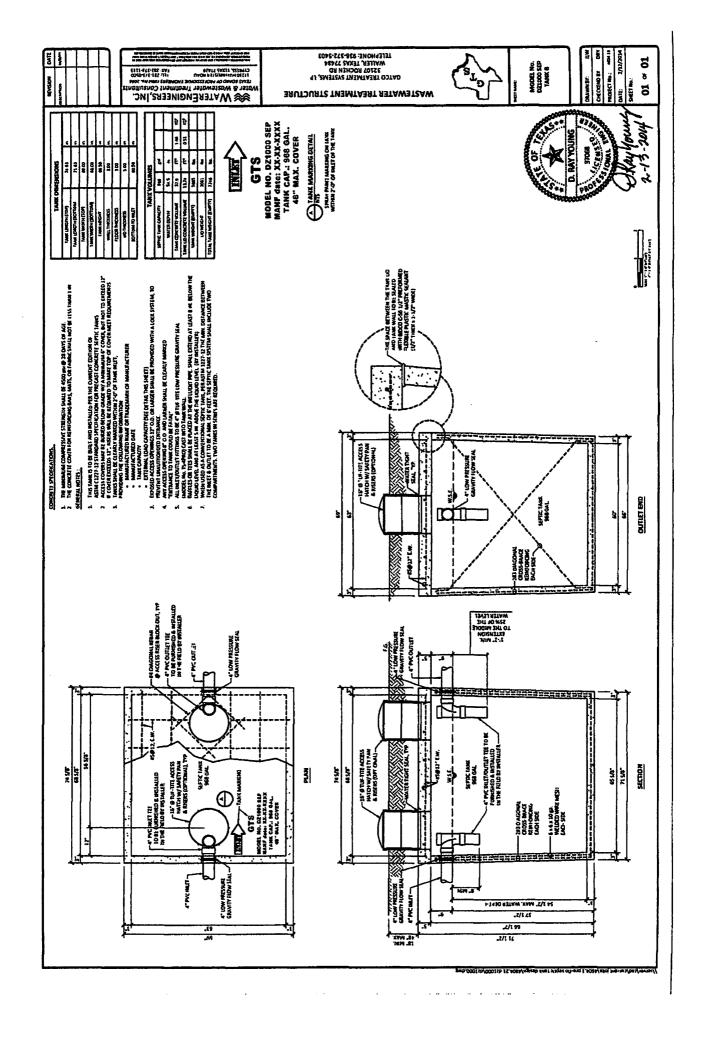
08/19/25 Greg W. Johnson P.E.

170 Hollow Oak

New Braunfels, Texas 78132

(830) 905-2778





TANK NOTES:

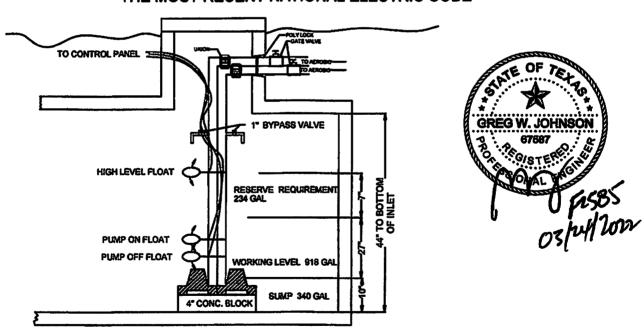
Tanks must be set to allow a minimum of 1/4" per foot fall from building.

Tightlines to the tank shall be SCH-40 PVC.

A two way sanitary tee is required between mobiles and tank.

A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks

ALL WIRING MUST BE IN COMPLIANCE WITH THE MOST RECENT NATIONAL ELECTRIC CODE



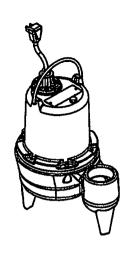
EQUALIZATION TANK 1500 GAL PUMP TANK VOLUME = 34 GAL/IN

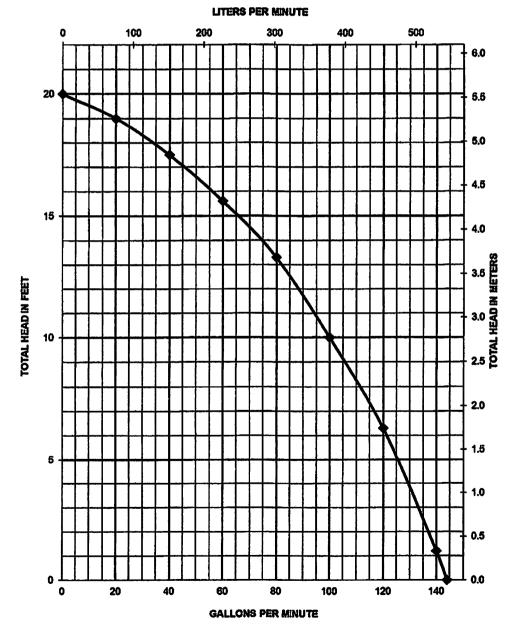
Liberty Pumps

Pump Specifications

LE40 Series

4/10 HP Submersible Sewage Pump







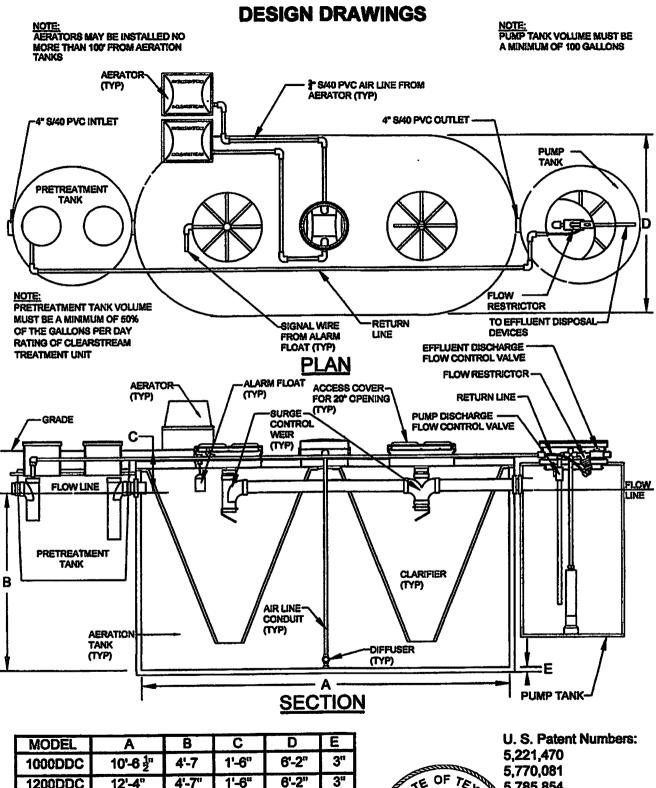
LE40-Series Electrical Data

MCDEL	НР	VOLTAGE	PHASE	SF	FULL LOAD AMPS	LOCKED ROTOR AMPS	THERMAL OVERLOAD TEMP	STATOR WINDING CLASS	CORD LENGTH FT	DISCHARGE	AUTOMATIC
LE41A	4/10	115	1	1.00	12	22.5	105°C 221°F	В	10	2"	WIDE ANGLE
LE41A -2	4/10	115	1	1.00	12	22.5	105°C 221°F	В	25	2*	WIDE ANGLE
LE41AV	4/10	115	1	1.00	12	22.5	105°C 221°F	В	10	2"	VERTICAL SWITCH
LE41AV -2	4/10	115	1	1.00	12	22.5	105°C 221°F	В	25	2"	VERTICAL SWITCH
LE41M	4/10	115	1	1.00	12	22.5	105°C 221°F	В	10	2"	NO
LE41M-2	4/10	115	1	1.00	12	22.5	105°C 221°F	В	25	2"	NO

LE40-Series Technical Data

(MPELLER	VORTEX ENGINEERED POLYMER
SOLIDS HANDLING SIZE	2
PAINT	POWDER COAT
MAX LIQUID TEMP	60°C 140°F
MAX STATOR TEMP	130°C 266°F
THERMAL OVERLOAD	105°C 221°F
POWER CORD TYPE	WTLS
MOTOR HOUSING	CLASS 25 CAST IRON
VOLUTE	CLASS 25 CAST IRON
SHAFT	STAINLESS
HARDWARE	STAINLESS
ORINGS	BUNA N
MECHANICAL SEAL	UNITIZED CERAMIC CARBON
WEIGHT	40 LBS





3"

6'-10"

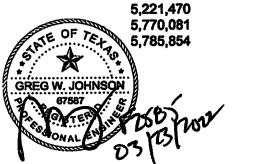
1200DDC

1500DDC

5'-5"

12'-4"

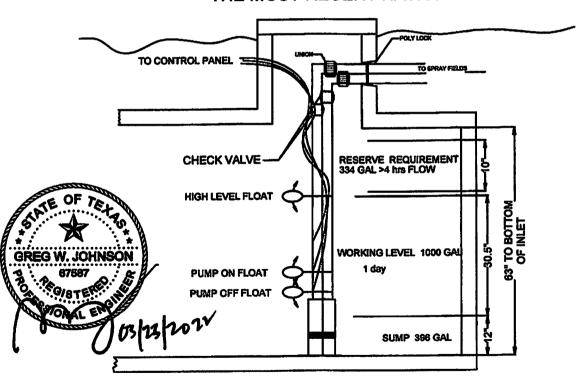
1'-6'



TANK NOTES:

A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks

ALL WIRING MUST BE IN COMPLIANCE WITH THE MOST RECENT NATIONAL ELECTRIC CODE



FINAL TANK 2000 GAL PUMP TANK VOLUME = 33 GAL/IN



Figure 1: Insert a 3" PVC pipe in the bottom of the motor to raise the pump in the tank.

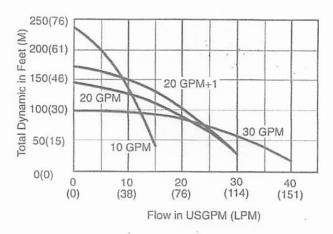


Figure 2: Performance in Feet of Head at Gallons per Minute (M@LPM).

3 TURBO

MART	ANGLE	13º LO	W ANG	LE TRAJ	ECTORY				-	
	30	29	16	0.37	0.42	2,1	8,8	0,36	9	11
2.0LA	40	33	19	0.34	0.39	2,8	10,1	0,43	9	10
-	50	34	2.1	0.35	0.40	3.4	10,4	0.48	9	10
	30	31	2.1	0.42	0.49	2,1	9,4	0.48	11	12
2.5LA	40	35	2.6	0.41	0.47	2.8	10,7	0.59	10	12
	50	36	2.9	0.43	0.50	3.4	110	0.66	11	13
	30	31	2.7	0.54	0.62	2,1	9.4	0.61	14	16
3.5LA	40	35	3.2	0.50	0.58	2,8	10,7	0,73	13	15
50	37	3.5	0.49	0.57	3.4	11,3	0.79	13	14	
	30	33	3.0	0.53	0.61	2,1	10,1	0,68	13	16
4.5LA	40	37	3.4	0.48	0.55	2,8	11,3	0.77	12	14
	50	37	4.1	0.58	0.67	3,4	11.3	0.93	15	17
FLOW+	NOZZL	ES 26	TRAJE	CTORY					-10	- "
	50	50	9.5	0.73	0.84	3.4	15,2	2,16	19	21
9	60	54	10.8	0.71	0.82	4.1	16,5	2,45	18	21
	70	55	11,7	0.74	0.86	4,8	16.8	2.66	19	22
	50	57	12.4	0.73	0.85	3,4	17,4	2,82	19	-
13	60	59	13B	0.76	0.88	4.1	18,0	3,13	19	22
	70	61	14.9	0.77	0.89	4.8	18,6	2,13	20	22

[#] Square spacing based on 50% of diameter

Table 1: Recommended Fusing Data 60 Hz/1 Phase 2-Wire Cable

			The second of th		
Model	HP	Voltz/Hz/ Phase	Max Load Amps	Locked Rotor Amps	Fuse Size Standard/ Dual Element
10DOM05121	1/2	115/60/1	11.0	30.0	15
20DOM05121	1/2	115/60/1	9.5	30.0	15
30DOM05121	1/2	115/60/1	9.5	30.0	15
10DOM05221	1/2	230/60/1	5.5	14.5	10
20DOM05221	1/2	230/60/1	4.6	14.5	10
30DOM05221	1/2	230/60/1	4.6	14.5	10
20DOM05121+1	1/2	115/60/1	10.6	30.0	15
20DOM05221+1	1/2	230/60/1	5.3	14.5	10

as square spacing based on 50% of diameter.
A Triangular spacing based on 50% of diameter.
Note: All precipitation rates are calculated for 180° operation.
Divide by 2 for full circle precipitation rates.

GENERAL WARRANTY DEED

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

THAT Donald Gary Steiner and Martha Ellen Steiner, Individually and as Trustees of the 2018 D.M. Steiner Revocable Trust dated December 13, 2018, and Brian Steiner, an unmarried person, hereinafter called "Grantor", for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration to Grantor in hand paid by Casitas at Sun Valley LLC, a Texas limited liability company, hereinafter called "Grantee", whose mailing address is 5511 Parkcrest Dr Suite 103, Austin, TX 78731, the receipt and sufficiency of which is hereby acknowledged, Grantor has GRANTED, SOLD and CONVEYED, and by these presents does GRANT, SELL and CONVEY, unto said Grantee, the following described Property located in Comal County, Texas, to-wit:

Lot 96, SUN VALLEY VILLAGE, UNIT TWO, situated in Comal County, Texas, according to the map or plat thereof, recorded in Volume 4, Pages 38-39, Deed and Plat Records, Comal County, Texas.

Together with Grantor's right, title and interest in all system memberships and/or ownership certificates in any non-municipal water and/or sewer systems serving said Property.

TO HAVE AND TO HOLD the above described Property, together with all and singular the rights and appurtenances thereunto in anywise belonging to said Grantee, Grantee's heirs and assigns, forever, AND Grantor does hereby bind Grantor, Grantor's successors and assigns, to WARRANT and FOREVER DEFEND all and singular the said Property unto said Grantee, Grantee's heirs and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

This conveyance is made subject to all and singular the restrictions, easements, exceptions, conditions and covenants, if any, applicable to and enforceable against the above-described Property as shown by the records of said County, as well as ad valorem taxes for current and subsequent years. When this Deed is executed by more than one person, or when the Grantee is more than one person, the instrument shall read as though pertinent verbs, nouns and pronouns were changed correspondingly, and when executed by or to a corporation, the words "heirs, executors and administrators" or "heirs and assigns" shall be construed to mean "successors and assigns".

Executed date:	7/3/24

Stewier		
Donald Gary Steiner, Individually and as Trustee of to DM. Steiner Revocable Trust dated December 13, 20 Brian Steiner	he 2018 018 and	
Marther Stures		
Martha Ellen Steiner, Individually and as Trustee of t D.M. Steiner Revocable Trust dated December 13, 20 Brian Steiner		
PAS -		
Brian Steiner		
State of TEVAS		
County of Tarant	,	
This instrument was acknowledged before me on [Date] Steiner and Martha Ellen Steiner, Individually and a dated December 13, 2018, and Brian Steiner.	Suly 5, 2024 s Trustees of the 2018 D.M. Stei	by Donald Gary iner Revocable Trust
BONNIE YORK Notary ID #133519058 My Commission Expires January 6, 2026	Notary Public (Signature of Notar (Signature is a tangible symbol) (Printed Name of Notarial Officer)	(al Officer)
(Official Seal or Stamp)	My commission expires:	01-06-2026

AFTER RECORDING MAIL TO: Casitas at Sun Valley LLC, a Texas limited liability company
5511 Parkcrest Dr Suite 103
Austin, TX 78731

Prepared By:
Robertson Anschutz Vetters, LLC
10375 Richmond Avenue, Suite 200
Houston, TX 77042
Settlement Agent File Number: 062414806

TEXAS ORDINARY CERTIFICATE OF ACKNOWLEDGMENT

Civil Practice & Remedies Code § 121.007

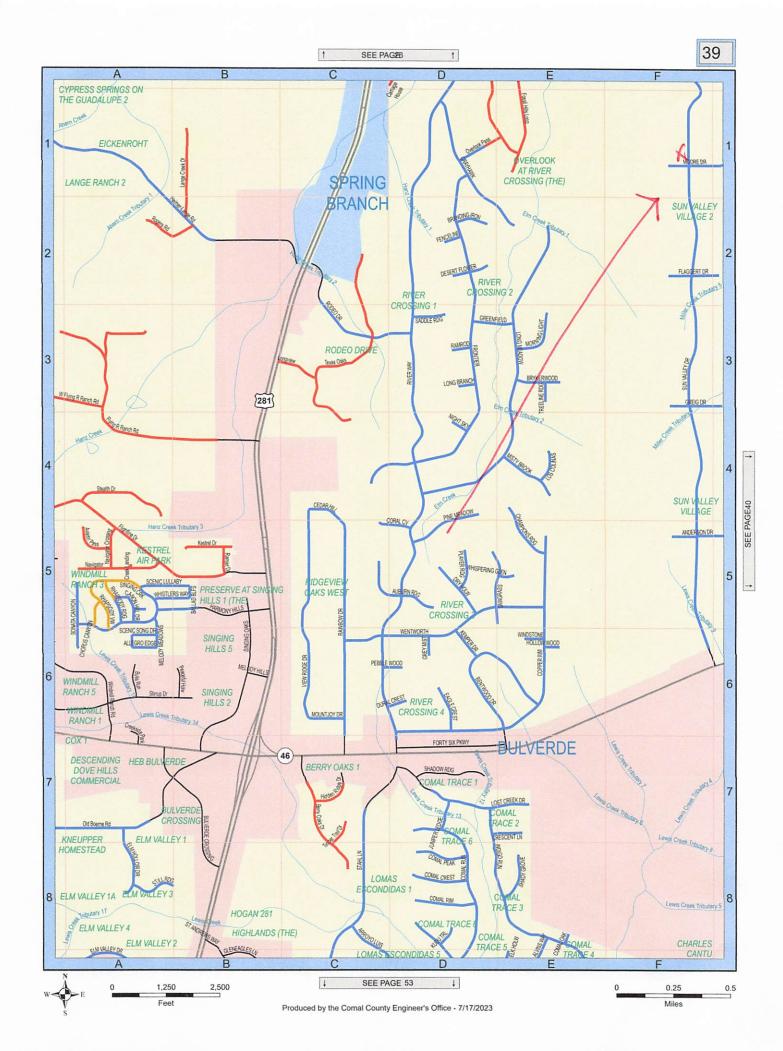
na na manana na

The State of Texas	
County of Comal	Before me,
County of	Jessie Cardinal, Notary Public
	Name and Character of Notarizing Officer,
	e.g., "John Smith, Notary Public" on this day personally appeared
	Brian Steiner
	Name of Signer
	☐ known to me ☐ proved to me on the oath of
	NA
	Name of Credible Witness
	X) proved to me through TEXAS
·	DRIVERS LICENSE
	Description of Identity Card or Document
	to be the person whose name is subscribed to
	the foregoing instrument and acknowledged
	to me that he/she executed the same for the purposes and consideration therein expressed.
JESSIE CARDINAL	pulposes and consideration therein expressed.
1 6 A 6 Notary in #10839809	Given under my hand and seal of office this
My Cammission Expires October 14, 2024	3rd day of July 2024
West of the second	Day Month Year
Place Notary Seal and/or Stamp Above	Signature of Notarizing Officer
Place Notary Sear anaror Stamp Above	Signifier & Notanzing Onicer
OPTION	
	· · · //
Completing this information can dete fraudulent reattachment of this for	
Description of Attached Document	3
Title or Type of Document: General Warranty D	eeu
Document Date: July 03, 2024	Number of Pages: 3, including this page
Signer(s) Other Than Named Above:	ry Steiner and Martha Ellen Steiner
	entriking namakan kanakan kana Kanakan kanakan kanaka

©2020 National Notary Association

Filed and Recorded Official Public Records Bobbie Koepp, County Clerk Comal County, Texas 07/10/2024 02:57:45 PM TRACY 3 Pages(s) 202406020637







Address:	 	 	
Legal Description:			

Dear Property Owner & Agent,

Thank you for your submission. We have reviewed the planning materials for the referenced permit application, and unfortunately, they are insufficient. To proceed with processing this permit, we require the following:

119003.pdf Markup Summary

Efrain Gallegos (1)





Subject: Callout Page Label: 3

Author: Efrain Gallegos Date: 10/6/2025 11:10:10 AM

Status: Color: Layer: Space: Submit a valid maintenance contract.



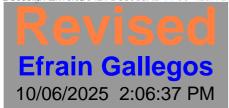


OSSF DEVELOPMENT APPLICATION CHECKLIST

	ENGINEER'S OFFICE	Staff will complete snaded items		
A STATE				119003
		Date Received	Initials	Permit Number
Instructions:			45146H 991.1.	
	ark next to all items that apply. For item ccompany the completed application.	s tnat do not apply, plac	e "N/A". This C	DSSF Development Application
OSSF Permit				
Completed A	Application for Permit for Authorization	to Construct an On-Site	Sewage Facili	ty and License to Operate
Site/Soil Eva	aluation Completed by a Certified Site E	Evaluator or a Profession	nal Engineer	
	aterials of the OSSF as Required by the design and all system specifications.	TCEQ Rules for OSSF	Chapter 285.	Planning Materials shall consis
Required Pe	ermit Fee - See Attached Fee Schedule	•		
Copy of Rec	corded Deed			
Surface App	olication/Aerobic Treatment System			
Recor	ded Certification of OSSF Requiring Ma	aintenance/Affidavit to the	ne Public	
Signe	d Maintenance Contract with Effective	Date as Issuance of Lice	ense to Operat	9
	ve provided all information required mpleted OSSF Development Applica		ment Applicat	ion and that this application
7	80	09	9/0%/20	025

Signature of Applicant Date _ COMPLETE APPLICATION **INCOMPLETE APPLICATION** (Missing Items Circled, Application Refeused) Check No. _____ Receipt No._

Docusian Envelope ID: D95959AD-FF38-4E9A-BBCA-733523262950



Central Texas Aerobics, Inc.

2918 Dauer Ranch Rd. New Braunfels, TX 78130



Phone: (830) 303-4065

www.septictex.com central@septictex.com

Customer ID: 1095

96 Sun Valley Dr., Spring Branch, TX 78070

County: Comal County Office of Envirno

Cell Phone

Main Phone (210) 542-0452

Last Emailed: 10/11/2024

(210) 542-0452

Email: brian@SteinerREI.com

Permit #: 114265

Agency: Comal County Office of Environmental Health

3 visits per year - one every 4 months

Date Printed: 10/15/2024

To: Casitas at Sun Valley Attention:Brian Steiner 5378 Black Walnut Bulverde, TX 78163

Installed by: Central Texas Aerobics, Inc.

Contract with: Central Texas Aerobics, Inc. Treatment Type: Aerobic / Disposal: Spray

MFG: Clearstream 1500 / Brand: Clear 1500/1080T/1580EQ/2200p / S#: 1842 1500

Disinfectant: Liquid Bleach

ON-GOING MAINTENANCE AND INSPECTION AGREEMENT

Install: 7/29/2022

Warranty End: 7/29/2024

This contract will provide for all required inspections, testing and service on your Aerobic Treatment System. Central Texas Aerobics, Inc. does not set up appointments for routine maintenance. (An appointment can be set up for an additional fee.) The policy will include the following:

Contract Period

10/15/2024

through

10/15/2025

- 1. 3 inspections a year (at least one every 4 months), over the one year period including inspection, adjustment, and servicing of the mechanical, electrical, and other applicable component parts to ensure proper function. This includes inspection of control panel, air pumps, air filter, diffuser operation and replacing or repairing (at the owner's expense at time of replacement/repair) any component not found to be operating correctly. ** Any septic problem that occurs between inspections will be billed a service call and labor. Any alarm situation affecting the proper function of the Aerobic process will be addressed within a 48 hour time frame.
- 2. An effluent quality inspection consisting of a visual check for color, turbidity, scum overflow and examination for odors. A test for chlorine residual and Ph will be taken and reported as necessary.
- 3. If any improper operation is observed which cannot be corrected at the time of the service visit, you will be notified immediately in writing of the conditions and estimated date and cost of correction.
- 4. Any additional visits, inspections, or sample collections required by specific Municipalities, Water/River Authorities, County Agencies, the TCEQ or any other authorized regulatory agency in your jurisdiction will be covered by this policy.
- 5. Pumping of sludge build-up IS NOT covered by this contract and will result in additional charges. Replacing of parts during the warranty period due to misuse/abuse will not be covered under this contract. The owner assumes full responsibility for the cost of parts and labor. Payment in full for parts, labor and service call is required at the time of service.
- 6.STANDARD MAINTENANCE the customer is responsible for the chlorine tablets/liquid chlorine. The chlorine chamber must be filled BEFORE the service visit. If not, the service representative will add chlorine and you will be charged. The use of improper chlorine (such as swimming pool tablets) will VOID all warranties. Grass must be mowed around the aerobic system & the sprinkler heads in order to perform the maintenance inspection. If we cannot get to the system because of high grass, you will be charged a service call to come back out and inspect the system. The regulating authorities will be notified. The Owners Manual must be strictly followed or warranties are supplect to invalidation.

Initials of Central Texas Aerobics, Inc. X_

Initials of Owner X

7. At the conclusion of the initial and renewal service policy, Central texas Aerobics, Inc. will make available for purchase on an annual basis, a continuing STANDARD Maintenance Policy to cover normal maintenance inspections .

ACCESS BY CENTRAL TEXAS AEROBICS, Inc.

Central Texas Aerobics, Inc. or anyone authorized by them may enter the property at reasonable times without prior notice for the purpose of the above described Services. Central Texas Aerobics, Inc. may access the system components including the tanks by means of excavation for the purpose of evaluations if necessary. Soil is to be replaced with the excavated material as best as possible.

PAYMENT FOR SERVICES

The Customer will pay compensation to Central Texas Aerobics, Inc. for the (on-going) 1 (one) year service contract in the amount of \$300.00 (Three Hundred Dollars & Zero Cent). This amount is to be paid before the contract is submitted to the respective County. Payments not received within 30 days of the due date will be subject to a \$20.00 late penalty or 15% per month carrying charge, whichever is greater.

TERMINATION OF AGREEMENT:

This agreement may be terminated by either party with ten days written notice in the event of substantial failure to perform in accordance with its terms by



the other party without rault of trie terminating party. If this agreement is so terminated, Central Texas Aerobics, Inc. will immediately notify the appropriate

Should 0/06/2025 ob 25 06 39 4 M Customer's septic system, by direct or indirect cause through their own negligence while working directly on the septic system, repairs shall be instituted immediately to restore the system to full operational condition, at the expense of Central Texas Aerobics, Inc. Customer will not be financially responsible to Central Texas Aerobics, Inc. for any damages resulting from Central Texas Aerobics, Inc. negligence, and damage liabilities shall be limited only to the components and associated elements of the septic system. Customer shall not hold Central Texas Aerobics, Inc. Liable for damages to the septic system resulting from misuse, abuse, lack of prudent maintenance, acts of God, or other causes not directly associated with Central Texas Aerobics, Inc. scope of work as defined in this contract.

DISPUTE RESOLUTION:

If a dispute between the Customer and Central Texas Aerobics, Inc. arises that cannot be settled in good faith negotiations, then the parties shall choose a mutually acceptable arbitrator and shall share the cost of the arbitration services equally.

ENTIRE AGREEMENT:

This agreement contains the entire agreement of the parties, and there are no other promises or conditions in any other agreement either written or oral.

If any provision of this Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of this agreement is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed and enforced as so limited.

NOTE: BASTROP COUNTY charges the owner a SEPARATE recording fee of \$10.00 (per year). Checks should be made out to BASTROP COUNTY and attached to this contract. We will forward the monies along with your maintenance contract to BASTROP COUNTY. BASTROP COUNTY will NOT ACCEPT a maintenance contract that is sent in without the additional \$10.00 recording fee.

NOTE: HAYS COUNTY charges the owner a SEPARATE fee of \$50.00 if your contract is received after the due date. Checks should be made out to HAYS COUNTY DEVELOPMENT SERVICES and attached to this contract. We will forward the monies along with your maintenance contract to HAYS COUNTY. HAYS COUNTY will NOT ACCEPT a maintenance contract that is late and not sent in without the additional \$50.00 fee.

APPOINTMENTS:

If we have to set up an appointment (dogs, locked gates, etc.) there will be an additional \$100.00 charge per year for your maintenance contract.

**With the passing of Texas State HB #2510, each regulating county/city wastewater authority in the state of Texas has the right to require more stringent ruling above and beyond what the TCEQ (Texas Commission on Environmental Quality) mandates. Central Texas Aerobics, Inc. keeps current with the new rulings and meets the higher requirements set by regulating county/city wastewater authorities.

OWNER(S) SIGNATURE		
Signed by:	10/15/2024	SERVICE PROVIDER SIGNATURE
—114C47280F82464	Date	W. Kulo loka
X	Date	Wm. Kyle Johnson #MP0001058
		Will. (Sub dolling) with addition
PRINTED NAME(s)		
Model#		Drip OR Spray Tablet OR Liquid Chlorinator
CTS Installation? Y N	Name of Installer:	Date Installed
Mailing adress if different from	m property address:	
Home Phone:() EMAIL:	CELL:()	Work:()
Please Print CLEAR DIRECT	TIONS TO YOUR PROPERTY: (Continue on Back)
inspection and cannot get on	to the property, we will charge a se	rovide code or combination for access. If Central Texas Aerobics, Inc. comes out for an ervice call to come back out to perform the inspection. GATE CODE: If key lock, please provide us with a key.
DOGS/Other Animals - Chair	ned? Friendly? Please explain:	
	www.septicte	x.com Email: info@septictex.com PHONE: 830-303-4065

10/15/2024