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

Perm	it#:		Address:	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)(A) 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)					

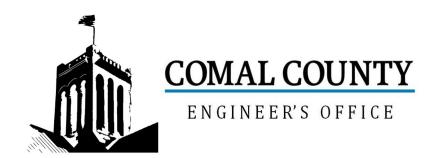
Inspector Notes:

N-	December 41	A may	Citotiana	Net	1 at 1	2 m d 1	7 mal 1
No.	Description SEPTIC TANK Tank(s) Clearly	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	Marked SEPTIC TANK IsingleTank, 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)(C) (ii)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)				
1	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)				
	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 Installed						
12							
	PUMP TANK Volume Installed						
1	AEROBIC TREATMENT UNIT Size Installed						
14							
	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number						
15	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)				
18			203.33(a)(2)				

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation	Allowei	Citations	Notes	13t 1113p.	Ziiu iiisp.	Sid ilisp.
	DIST COAL STOTENT DITP ITTIGATION		20E 22(a)(2)(A) (E)				
			285.33(c)(3)(A)-(F)				
19	DISPOSAL SYSTEM Soil						
20	Substitution		285.33(d)(4)				
20	DISPOSAL SYSTEM Pumped						
	Effluent		285.33(a)(4) 285.33(a)(3)				
			285.33(a)(1)				
21			285.33(a)(2)				
	DISPOSAL SYSTEM Gravelless Pipe						
	·		285.33(a)(3)				
			285.33(a)(2)				
			285.33(a)(4)				
22			285.33(a)(1)				
22	DISPOSAL SYSTEM Mound		205 22/ 1/51				
			285.33(a)(3) 285.33(a)(1)				
			285.33(a)(1) 285.33(a)(2)				
23			285.33(a)(4)				
23	DISPOSAL SYSTEM Other						
	(describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
24			263.33(C)(4)				
	DRAINFIELD Absorptive Drainline 3" PVC						
	or 4" PVC						
25							
	DRAINFIELD Area Installed						
26	DRAINFIELD Level to within 1 inch						
	per 25 feet and within 3 inches						
	over entire excavation		285.33(b)(1)(A)(v)				
27							
	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth						
	DRAINFIELD Excavation Separation						
	DRAINFIELD Depth of Porous Media						
	DRAINFIELD Type of Porous Media						
28	DDAINEIEID E						
	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
29			(-/\-/\-/				
	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End						
	Plates w/Splash Plate, Inspection						
	Port & Closed End Plates in Place		285.33(c)(2)				
	(per manufacturers spec.)						
30							
	LOW PRESSURE DISPOSAL						
	SYSTEM Adequate Trench Length						
	& Width, and Adequate Separation Distance between		285.33(d)(1)(C)(i)				
	Trenches						
31							

	B		6 11.11		4.11	2.11	0.11
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized 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						
	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						

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.			
	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)(v) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 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)							
	APPLICATION AREA Area Installed									
	PUMP TANK Meets Minimum Reserve Capacity Requirements									
	PUMP TANK Material Type & Manufacturer									
	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: 117405

Issued This Date: 05/08/2024

This permit is hereby given to: HABI LAND, LLC

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

580 COMPASS ROSE

CANYON LAKE, TX 78133

Subdivision: THE SUMMIT NORTH

Unit: 4

Lot: 171

Block: 0

Acreage: 0.6700

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.



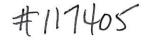
Signature of Owner

ON-SITE SEWAGE FACILITY APPLICATION

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

117405 Date March 12, 2024 Permit Number 1. APPLICANT / AGENT INFORMATION Owner Name HABI LAND, LLC Agent Name GREG JOHNSON, P.E. Mailing Address 7551 CALLAGHAN ROAD # 103 Agent Address 170 HOLLOW OAK City, State, Zip NEW BRAUNFELS TEXAS 78132 City, State, Zip SAN ANTONIO TEXAS 78229 Phone # 210-464-8120 830-905-2778 Phone # Email gregjohnsonpe@yahoo.com rescoservices [@gmail.com Email 2. LOCATION Subdivision Name THE SUMMIT NORTH Unit PHASE 4 Lot 171 Block Survey Name / Abstract Number Acreage 580 COMPASS ROSE City CANYON LAKE State TX Zip 78133 Address 3. TYPE OF DEVELOPMENT Single Family Residential Type of Construction (House, Mobile, RV, Etc.) HOUSE Number of Bedrooms Indicate Sq Ft of Living Area Non-Single Family Residential (Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area) Type of Facility Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants Restaurants, Lounges, Theaters - Indicate Number of Seats Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds Travel Trailer/RV Parks - Indicate Number of Spaces Miscellaneous Estimated Cost of Construction: \$ 350,000 (Structure Only) Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement? Yes No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement) Source of Water Public Private Well Rainwater Collection 4. SIGNATURE OF OWNER By signing this application, I certify that: - The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said - Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil aluation 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 Coinal County Flood Damage Prevention Order.

I affirmatively consent to the online posting publication as applicable.





ON-SITE SEWAGE FACILITY APPLICATION



Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.
System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION
Size of Septic System Required Based on Planning Materials & Soil Evaluation
Tank Size(s) (Gallons) SOLAR AIR SA600: LP Absorption/Application Area (Sq Ft) 4148
Gallons Per Day (As Per TCEQ Table III)240 (Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ)
Is the property located over the Edwards Recharge Zone? Yes No (If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))
Is there an existing TCEQ approved WPAP for the property? Yes No
(if yes, the R. S. or P. E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)
Is there at least one acre per single family dwelling as per 285.40(c)(1)? Yes No
If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? Yes No (If yes, the R.S. or P. E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)
Is the property located over the Edwards Contributing Zone? 🛛 Yes 🔲 No
Is there an existing TCEQ approval CZP for the property? Yes No (if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP)
If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? Yes No (if yes, the P.E. or R.S. 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 approved by th
Is this property within an incorporated city? Yes No
If yes, indicate the city: GREG W. JOHNSON 67587 67587 67587 67587 67587 67587
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 permit application, as applicable April 15, 2024
Signature of Designer / Page 2 of 2

ARFIDAVIT

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 (OSSFs), this document is filed in the Deed Records of Comel County, Texas.

The Texas Health and Sufety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCEQ) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and § 5.013, 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.

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): SUBDIVISION URIT HASE SECTION BLOCK 171 LOT THE SUMMIT NORTH IF NOT IN SUBBIVISION: SURVEY

ACELAGE

The property is owned by (insert owner's fail zame):	HABI LAND, LLC		
This OSSF must be covered by a continuous maintenance contr	act for the first two years. After		

the initial two-year service policy, the owner of an acrobic treatment system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.

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

TH DAY OF MO WITNESS BY HAND(8) ON THIS

r(s) signature(s)

20 24

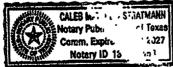
FUCENTO MESUO - MANAGER

Owner (s) Printed name (s)

EUGENIO MURILLO

SWORN TO AND SUBSCRIBED REFORE ME ON THES! O

Notary Public Signature



Filed and Recorded Official Public Records **Bobbie Koepp, County Clerk** Comal County, Texas 04/15/2024 08:21:53 AM LAURA 1 Pages(s) 202406011069





DocuSign Envelope ID: 52B57827-CFAC-4FE5-A94B-FAE7D753BD5B



WASTEWATER TREATMENT SYSTEM MAINTENANCE CONTRACT

Customer		Residential	Initial Contract
Habi Land LLC		\square	\square
Site Address	Agency		
580 Compass Rose, Canyon Lake, TX 78133	Comal County		
Email	Phone	Permit Number	_
rescoservices1@gmail.com	(210) 464-8120	(210) 464-8120	
System Details			
Treatment: Aerobic Surface Application Liquid Ble	ach / System: 600 Max GPD		

AGREEMENT

I. General:

This work for hire agreement (hereinafter referred to as "Agreement") is entered into by and between the Client and Luna Environmental, LLC (hereinafter referred to as "Contractor"), located at 4222 FM 482 New Braunfels, Texas 78132. By this agreement, Contractor agrees to render services, as described herein, and Client agrees to fulfill his/her/their responsibilities under the agreement as described herein.

II. Dates:

This agreement is for an initial 2-year maintenance contract and begins once the License to Operate (LTO) has been issued.

III. Services by Contractor:

- 1. Inspect and perform routine maintenance on the On-Site Sewage Facility ("OSSF") in compliance with code, regulations, and/or rules of the Texas Commission on Environmental Quality ("TCEQ") and county in which the OSSF is located and the manufacturer's requirements, at a frequency of approximately once every four (4) months.
- 2. Inspection, adjustment, and servicing of the mechanical, electrical, and other components to ensure proper functioning. This includes inspecting control panels, air pumps, air filters, diffusers, floats, and spray heads.
- 3. Effluent Inspection will include the following: effluent quality (color, turbidity, overflow, and odor), testing effluent chlorine and pH levels, when necessary, alarm function, filters, operation of effluent pump and chlorinator. Unless otherwise agreed to, Contractor does not provide chlorine. BOD and TSS annually on commercial accounts, additional charges apply.
- 4. Notify Client of any repairs needed to keep OSSF in proper working condition and up to regulatory standards. Items under warranty may be repaired while the technician is on-site. Additional charges may apply for labor and service calls. Repair quotes of non-warranty items must be approved by Client before work is performed.
- 5. Report to the appropriate regulatory authority and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory authority within 14 days.
- 6. Visit site within 48 hours of a service request.
- 7. Provide Customer Support line at 855-560-9909.



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IV. Client Responsibilities:

- 1. Maintain Chlorinator and proper chlorine supply, unless otherwise specified.
- 2. Provide all necessary lawn or yard maintenance and remove all obstructions, including dogs and other animals as needed to allow the OSSF to function properly and the Contractor easy and safe access to all parts of
- 3. Immediately notify Contractor of any alarms or system problems.
- 4. Have tanks pumped out as directed by manufacturer, typically every 3 years.
- 5. Be available by text, phone, or in person when the Contractor is on site in case of required repair approvals or questions.
- 6. Maintain site drainage to prevent adverse effects on OSSF.
- 7. Promptly pay Contractor's bills, fees, and invoices in full.

V. Access By Contractor:

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 repairs and services described herein.

VI. Termination of This Agreement:

Either party may terminate this agreement with 30 days' written notice in the event of the other party's substantive failure to perform in accordance with this agreement without fault of the terminating party. Is this agreement is terminated, the Contractor will notify the appropriate regulatory authority.

VII. Limitation 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 of liability. In no event shall the Contractor's liability for the direct damages exceed payments by the Client under this agreement.

VIII. Payment Terms:

The fee for this agreement only covers the services described herein. This fee does not cover equipment or labor for non-warranty repairs, labor for warranty repairs, or service charges resulting from unscheduled, Client requested trips to the Client's OSSF. Payments not received within 30 days from the date of invoicing will be subject to a \$30.00 late penalty and or a 1.5% monthly carrying charge, whichever is greater. By signing this contract, the Client authorizes 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 removal of said parts. All invoices are due upon receipt by Client.

IX. 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 held valid and enforceable. If a court finds that any provision of this agreement is invalid or unenforceable, 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.

Luna Environmental / Ryan Seidensticker Habi Land LLC Maintenance Provider Name Customer Name Ryan Seidensticker License # MP0001708 Maintenance Provider Signature Customer Signature

Additional Comments / Special Terms

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed:	March 12, 2024		
Site Location:	The SUMMIT NO	ORTH, PHASE 4, LOT 171	
Proposed Excavation Depth:	N/A		
Locations of soil boring For subsurface disposal,	or dug pits must be shown on the site	a depth of at least two feet below the	

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
1 10"	Ш	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 10"	BROWN
2						
3	1					
4	-					
5						

SOIL BORING NUMBER SURFACE EVALUATION									
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations			
0 1 2	SAME		AS		ABOVE				
3									
5									

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

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

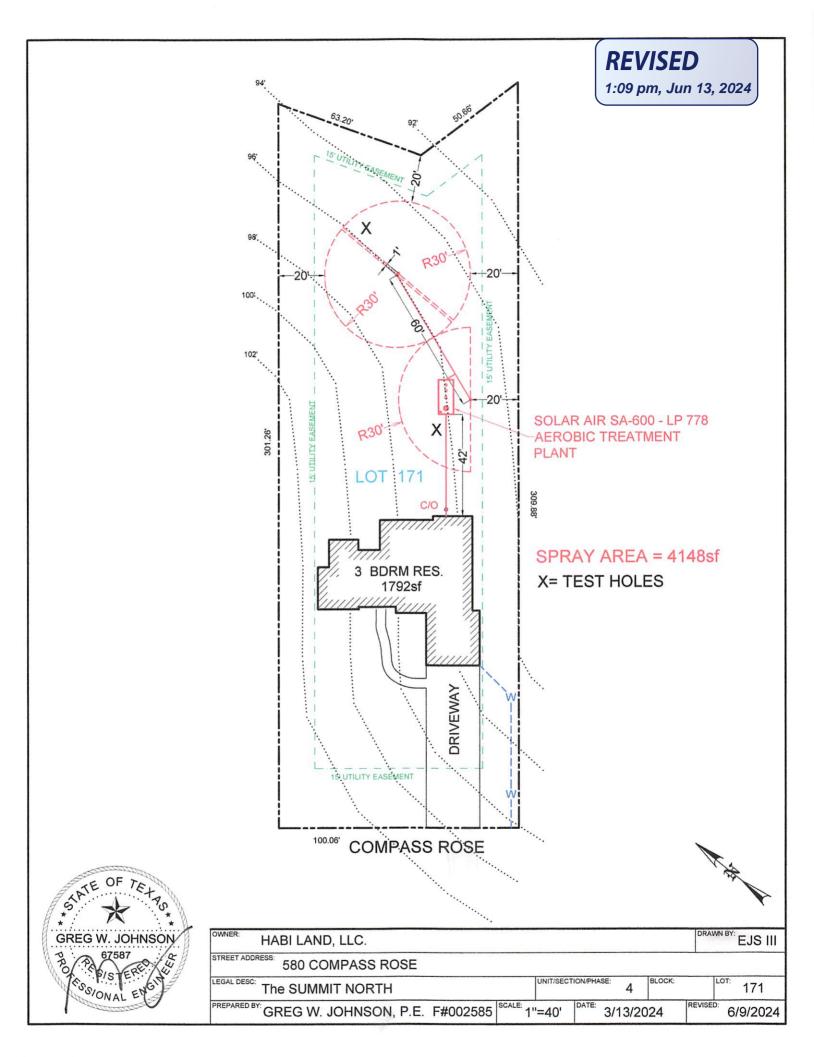
03/12/24

OSSF SOIL EVALUATION REPORT INFORMATION

REVIS	ED	
1:00 nm	lun 12	202/

Date:	March 13, 2024
Appl	icant Information:

Applicant Information:	
	Site Evaluator Information:
Name: HABI LAND, LLC.	Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Address: 7551 CALLAGHAN ROAD #103	Address: 170 Hollow Oak
City: SAN ANTONIO State: TEXAS	City: New Braunfels State: Texas
Zip Code: 78229 Phone: (210) 464-8120	Zip Code: 78132 Phone & Fax (830)905-2778
Property Location:	Installer Information:
Lot 171 Unit 4 Blk Subd. The SUMMIT NORT	
Street Address: 580 COMPASS ROSE	Company:
City: CANYON LAKE Zip Code: 78133	Address:
Additional Info.:	City: State:
	Zip Code: Phone
<u>Fopography: Slope within proposed disposal area:</u>	8 to 10 %
Presence of 100 yr. Flood Zone:	YESNO_X
Existing or proposed water well in nearby area.	YESNO_X
Presence of adjacent ponds, streams, water impoundments	YESNO_X
Presence of upper water shed	YESNO_X
Organized sewage service available to lot	YESNO_X
<u>Design Calculations for Aerobic Treatment with Spr</u>	ay Irrigation:
Commercial	
O=GPD	
Residential Water conserving fixtures to be utilized? Y	es X No
Number of Bedrooms the septic system is sized for:	3 Total sq. ft. living area 1792
Q gal/day = (Bedrooms +1) * 75 GPD - (20% reduction	
Q = (<u>3</u> +1)*75-(20%)= <u>240</u>	
Trash Tank Size 376 Gal.	
	3.P.D.
	064 = <u>3750</u> sq. ft.
Application Area Utilized = \frac{1148}{\tag{9}} sq. ft.	
Pump Requirement 12 Gpm @ 41 Psi (Re	ajacket 0.5 HP 18 G.P.M. series or equivalent)
Dosing Cycle: ON DEMAND or X T Pump Tank Size = 778 Gal. 18.75 Gal.	IMED TO DOSE IN PREDAWN HOURS
Pump lank Size = $\frac{778}{120}$ Gal. $\frac{18.75}{120}$ Gal.	II/Incn.
Reserve Requirement = 80 Gal. 1/3 day flow.	
Alarms: Audible & Visual High Water Alarm & Visual With Chlorinator NSF/TCEQ APPROVED	All rump manunction
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	
EXPOSED ROCK WILL BE COVERED WITH SOIL	
HAVE PERFORMED A THOROUGH INVESTIGATION	
AND SITE EVALUATOR IN ACCORDANCE WITH CHA (REGARDING RECHARGE FEATURES), TEXAS CO	
EFFECTIVE DECEMBER 29, 2016)	OF DATE OF DESCRIPTION OF THE PROPERTY OF THE
· · · · · · · · · · · · · · · · · · ·	STATE TO THE TO THE
	113/24 5
	DATE GREG W. JOHNSON
GREG W. JOHNSON, P.E. F#002585 - S.E. 11561	DAIL / GREG W. SOUTH



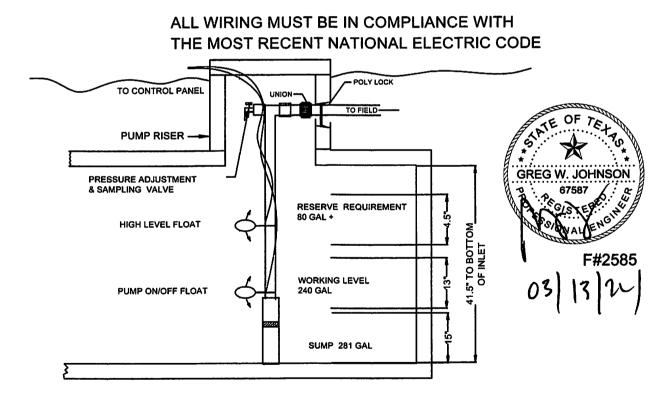
TANK NOTES:

Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

Tightlines to the tank shall be SCH-40 PVC.

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

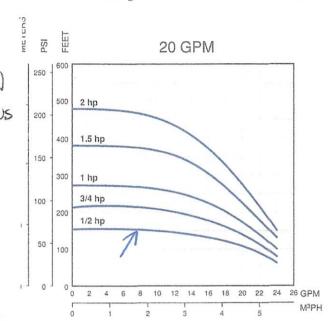
A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks



TYPICAL PUMP TANK CONFIGURATION SOLAR-AIR SA-600 LP 778 GAL PUMP TANK

Thermoplastic Performance

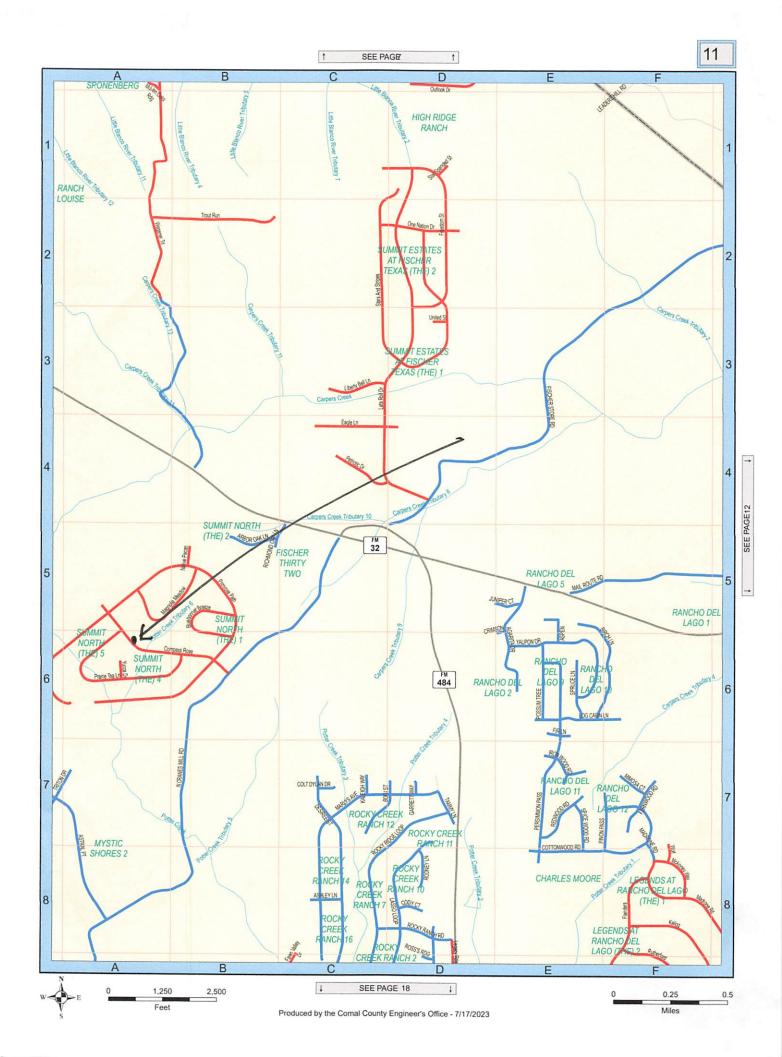
Nozzle	PSI	Radius	GPM	
#1	30	22'	1.5	- KRAI Pro-Pa
	40	24'	1.7	11 FM
	50	26'	1.8	Dan D.
	60	28'	2.0	1110-10
#3	30	29'	3.0	
	40	32'	3.1	*
	50	35'	3.5	
	60	37'	3.8	
#4	30	31'	3.4	
	40	34'	3.9	
	50	37'	4.4	
	60	38*	4.7	
#6	40	38*	6.5	
	50	40'	7.3	
	60	42'	8.0	
	70	44'	8.6	



Thermoplastic Units Ordering Information

1/2 - 1.5 HP Single-Phase Units						
Order No.	Model	GPM	HP	Volt	Wire	Wt.
94741005	10FE05P4-2W115	10	1/2	115	2	24
94741010	10FE05P4-2W230	10	1/2	230	2	24
94741015	10FE07P4-2W230	10	3/4	230	2	28
94741020	10FE1P4-2W230	10	1	230	2	31
94741025	10FE15P4-2W230	10	1.5	230	2	46
94742005	20FE05P4-2W115	20	1/2	115	2	25
94742010	20FE05P4-2W230	20	1/2	230	2	25
94742015	20FE07P4-2W230	20	3/4	230	2	28
94742020	20FE1P4-2W230	20	1	230	2	31
94742025	20FE15P4-2W230	20	1.5	230	2	40

Thermoplastic 1/2 - 2 HP Pump Ends						
Order No.	Model	GPM	HP	Volt	Wire	Wt.
94751005	10FE05P4-PE	10	1/2	N/A	N/A	6
94751010	10FE07P4-PE	10	3/4	N/A	N/A	7
94751015	10FE1P4-PE	10	1	N/A	N/A	8
94751020	10FE15P4-PE	10	1.5	N/A	N/A	12
94752005	20FE05P4-PE	20	1/2	N/A	N/A	6
94752010	20FE07P4-PE	20	3/4	N/A	N/A	7
94752015	20FE1P4-PE	20	1	N/A	N/A	8
94752020	20FE15P4-PE	20	1.5	N/A	N/A	10
94752025	20FE2P4-PE	20	2	N/A	N/A	11



 From:
 Ritzen, Brenda

 To:
 "Greg Johnson"

 Cc:
 rockysep@gvtc.com

Subject: RE: 580 COMPASS ROSE - HABI LAND #117405

Date: Thursday, June 13, 2024 1:12:00 PM

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

Greg,

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: Greg Johnson <gregjohnsonpe@yahoo.com>

Sent: Thursday, June 13, 2024 11:36 AM **To:** Ritzen, Brenda <rabbjr@co.comal.tx.us>

Cc: rockysep@gvtc.com

Subject: 580 COMPASS ROSE - HABI LAND #117405

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

REVISED. THX, GREG

Send for Greg W. Johnson, P.E., R.S.)

170 Hollow Oak

New Braunfels, TX 78132

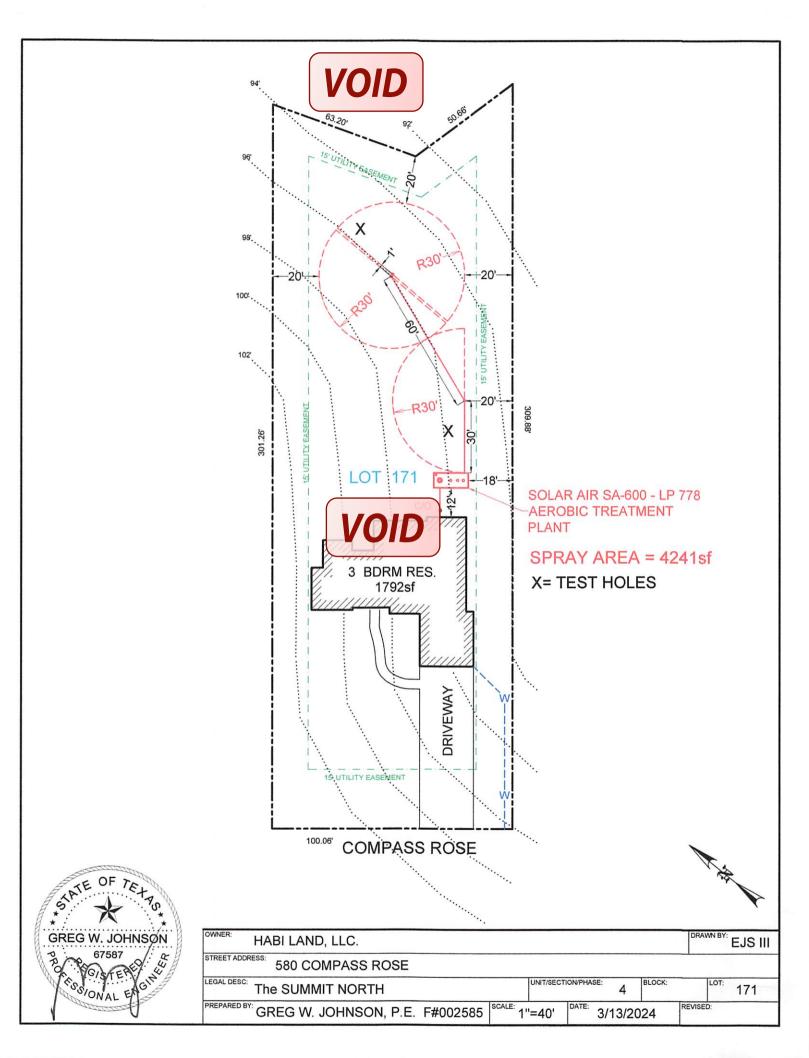




195 DAVID JONAS DR NEW BRAUNFELS, TX 78132 (830) 608-2090 WWW.CCEO.ORG

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E
System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION
Size of Septic System Required Based on Planning Materials & Soil Evaluation
Tank Size(s) (Gallons) SOLAR AIR SA600: LP Absorption/Application Area (Sq Ft)
Gallons Per Day (As Per TCEQ Table III) 240 (Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ)
Is the property located over the Edwards Recharge Zone? Yes No (If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))
Is there an existing TCEQ approved WPAP for the property? Yes No (if yes, the R. S. or P. E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)
Is there at least one acre per single family dwelling as per 285.40(c)(1)? Yes No
If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? Yes No (If yes, the R.S. or P. E. shall certify that the OSSF design where the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP.
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 P.E. or R.S. 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 approved by the approved to the proposed CZP.
Is this property within an incorporated city? Tes No
If yes, indicate the city:
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 permit application, as applicable
Signature of Designer Date Page 2 of 2
1 age 2 of 2

OSSF SOIL EVALUATION REPORT INFORMATION
Date: March 13, 2024
Applicant Information:
Site Evaluator Information:
Name: HABI LAND, LLC. Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Address: 7551 CALLAGHAN ROAD #103 Address: 170 Hollow Oak
City: SAN ANTONIO State: TEXAS City: New Braunfels State: Texas
Zip Code: 78229 Phone: (210) 464-8120 Zip Code: 78132 Phone & Fax (830)905-2778
Name: HABI LAND, LLC. Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Pump Tank Size = 778 Gal. 18.75 Gal/inch.
Reserve Requirement = 80 Gal. 1/3 day flow.
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 Iwo 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.
HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, §285.30, & §285.40 (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (EFFECTIVE DECEMBER 29, 2016)
GREG W. JOHNSON, P.E. F#002585 - S.E. 11561 O3 13/2 GREG W. JOHNSON FIRM #2585



From: <u>Ritzen, Brenda</u>

To: Resco Services; "(gregjohnsonpe@yahoo.com)"

Subject: Permit 117405

Date: Tuesday, April 30, 2024 4:23:00 PM

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

Re: Habi Land, LLC

The Summit North Phase 4 Lot 171

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:

The property owner must sign the maintenance contract.

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



WASTEWATER TREATMENT SYSTEM MAINTENANCE CONTRACT

Customer		Residential Initial Contract
Habi Land LLC		
Site Address		Agency
580 Compass Rose, Canyon Lake, TX 78133		Comal County
Email	Phone	Permit Number
rescoservices1@gmail.com	(210) 464-8120	
System Details		
Treatment: Aerobic Surface Application Liquid Bleach / Sy	ystem: 600 Max GPD	

AGREEMENT

I. General:

This work for hire agreement (hereinafter referred to as "Agreement") is entered into by and between the Client and Luna Environmental, LLC (hereinafter referred to as "Contractor"), located at 4222 FM 482 New Braunfels, Texas 78132. By this agreement, Contractor agrees to render services, as described herein, and Client agrees to fulfill his/her/their responsibilities under the agreement as described herein.

II. Dates:

This agreement is for an initial 2-year maintenance contract and begins once the License to Operate (LTO) has been issued.

III. Services by Contractor:

1. Inspect and perform routine maintenance on the regulations, and/or rules of the Texas Commission OSSF is located and the manufacturer's requirement months.



cility ("OSSF") in compliance with code, uality ("TCEQ") and county in which the of approximately once every four (4)

- 2. Inspection, adjustment, and servicing of the mechanical, electrical, and other components to ensure proper functioning. This includes inspecting control panels, air pumps, air filters, diffusers, floats, and spray heads.
- 3. Effluent Inspection will include the following: effluent quality (color, turbidity, overflow, and odor), testing effluent chlorine and pH levels, when necessary, alarm function, filters, operation of effluent pump and chlorinator. Unless otherwise agreed to, Contractor does not provide chlorine. BOD and TSS annually on commercial accounts, additional charges apply.
- 4. Notify Client of any repairs needed to keep OSSF in proper working condition and up to regulatory standards. Items under warranty may be repaired while the technician is on-site. Additional charges may apply for labor and service calls. Repair quotes of non-warranty items must be approved by Client before work is performed.
- 5. Report to the appropriate regulatory authority and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory authority within 14 days.
- 6. Visit site within 48 hours of a service request.
- 7. Provide Customer Support line at 855-560-9909.

IV. Client Responsibilities:



- 1. Maintain Chlorinator and proper chlorine supply, unless otherwise specified.
- 2. Provide all necessary lawn or yard maintenance and remove all obstructions, including dogs and other animals as needed to allow the OSSF to function properly and the Contractor easy and safe access to all parts of
- 3. Immediately notify Contractor of any alarms or system problems.
- 4. Have tanks pumped out as directed by manufacturer, typically every 3 years.
- 5. Be available by text, phone, or in person when the Contractor is on site in case of required repair approvals or questions.
- 6. Maintain site drainage to prevent adverse effects on OSSF.
- 7. Promptly pay Contractor's bills, fees, and invoices in full.

V. Access By Contractor:

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 repairs and services described herein.

VI. Termination of This Agreement:

Either party may terminate this agreement with 30 days' written notice in the event of the other party's substantive failure to perform in accordance with this agreement without fault of the terminating party. Is this agreement is terminated, the Contractor will notify the appropriate regulatory authority.

VII. Limitation 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 of liability. In no event shall the Contractor's liability for the direct damages exceed payments by the Client under this agreement.

VIII. Payment Terms:

The fee for this agreement only covers the services described herein. This fee does not cover equipment or labor for non-warranty repairs, labor for warranty repairs, or service charges resulting from unscheduled, Client requested trips to the Client's OSSF. Payments not received within 30 days from the date of invoicing will be subject to a \$30.00 late penalty and or a 1.5% months of the Client authorizes the Contractor to end of 30 days. The Client is still responsible for a the end of 30 days. The Client is still responsible for a the end of 30 days. All invoices are due upon receipt by Client.

IX. 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 held valid and enforceable. If a court finds that any provision of this agreement is invalid or unenforceable, 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.

Maintenance Provider Name Ryan Seidensticker License # MP0001708
Maintenance Provider Signature

NOTICE OF CONFIDENTIALITY RIGHTS. American Title CRE 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.

WARRANTY DEED

Date:

February 6, 2024

Grantor:

Jose De Jesus Marquez

Grantor's Mailing Address:

6930 Crested Quail, San Antonio, TX 78250

Grantee:

Habi Land, LLC

Grantee's Mailing Address:

7557 Callagran Rd # 103 San Antonio, TZ 78729

Consideration: TEN AND NO/100 DOLLARS and other good and valuable consideration.

Property (including any improvements):

Lot 171, THE SUMMIT NORTH, PHASE 4, according to map or plat thereof recorded in Volume 13, Page 150, of the Map and/or Plat records of Comal County, Texas.

Reservations From and Exceptions to Conveyance and Warranty: This conveyance, however, is made and accepted subject to the following matters, to the extent same are in effect at this time: any and all restrictions, covenants, assessments, reservations, outstanding mineral interests held by third parties, conditions, and easements, if any, relating to the hereinabove described property, but only to the extent they are still in effect and shown of record in the hereinabove mentioned County and State or to the extent that they are apparent upon reasonable inspection of the property; and to all zoning laws, regulations and ordinances of municipal and/or other governmental authorities, if any, but only to the extent they are still in effect and relating to the hereinabove described property. Ad valorem taxes on said property for the current year, having been prorated, the payment thereof is assumed by Grantee.

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

Grantor, for the consideration, receipt of which is acknowledged, and subject to the reservations from and 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 wise belonging, to have and hold it to Grantee, Grantee's heirs, executors, administrators, successors or assigns forever. Grantor binds Grantor and Grantor's heirs, executors, administrators and successors to warrant and forever defend all and singular the property to Grantee and Grantee's heirs, executors, administrators, successors and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the reservations from and exceptions to conveyance and warranty.

GRANTEE ACCEPTS THE PROPERTY "AS IS". "AS IS" MEANS THE PRESENT CONDITION OF THE PROPERTY WITH ANY AND ALL DEFECTS AND WITHOUT WARRANTY EXCEPT FOR THE WARRANTIES OF TITLE.

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

Jose De Jesus Marquez

ACKNOWLEDGMENT

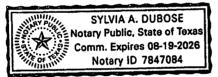
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STATE OF TEXAS

COUNTY OF BEXAR

This instrument was acknowledged before me on this the _____ day of February, 2024, by Jose De Jesus Marquez



PREPARED IN THE OFFICE OF:

Ramirez Law Firm 14607 San Pedro, Suite 130 San Antonio, TX 78232 AFTER RECORDING RETURN TO:

tate of Texas

Habi Land, LLC

7551 Callaghan Rd #103 San Antonco, Tx 78229

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
02/06/2024 04:21:20 PM
CHRISTY 2 Pages(s)
202406003623







OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded items

			117405
	Date Received	Initials	Permit Number
nstructions: Place a check mark next to all items that apply. For item Checklist <u>must</u> accompany the completed application.	s that do not apply, plac	e "N/A". This	OSSF Development Application
DSSF Permit			
Completed Application for Permit for Authorization	to Construct an On-Site	Sewage Fac	ility and License to Operate
Site/Soil Evaluation Completed by a Certified Site I	Evaluator or a Professio	nal Engineer	
Planning Materials of the OSSF as Required by the of a scaled design and all system specifications.	TCEQ Rules for OSSF	Chapter 285	. Planning Materials shall consis
Required Permit Fee - See Attached Fee Schedule	•		
Copy of Recorded Deed			
Surface Application/Aerobic Treatment System			
Recorded Certification of OSSF Requiring Ma	aintenance/Affidavit to ti	he Public	
Signed Maintenance Contract with Effective	Date as Issuance of Lice	ense to Opera	ate
affirm that I have provided all information required onstitutes a completed OSSF Development Applica		ment Applica	ation and that this application
100	04	1/18/2	024
Signature of Applicant		· · · · · · · · · · · · · · · · · · ·	Date
COMPLETE APPLICATION	—— (Mi		ETE APPLICATION rcled, Application Refeused)
Check No Receipt No		• ;	Revised: September 2019