

Comal County OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date:	08/08/2019		Permit Number:	109236
Location Description:	1140 PINON F FISCHER, TX			
	Subdivision: Unit: Lot: Block: Acreage:	Rancho Del Lago 12 205		
Type of System:	Aerobic Surface Irrigation	on		
Issued to:	Jose Pena & Ma	ario Villagomez		

This license is authorization for the owner to operate and maintain a private facility at the location described in accordance to the rules and regulations for on-site sewerage facilities of Comal County, Texas, and the Texas Commission on Environmental Quality.

The license grants permission to operate the facility. It does not guarantee successful operation. It is the responsibility of the owner to maintain and operate the facility in a satisfactory manner.

Alterations to this permit including, but not limited to:

- Increase in the square feet of living area
- Increase in the number of bedrooms
- A change of use (i.e. residential to commercial)
- Relocation of system components (including the relocation of spray heads)
- Installation of landscaping
- Adding new structures to the system

may require a new permit. It is the responsibility of the owner to apply for a new permit, if applicable.

Inspection and licensing of a facility indicates only that the facility meets certain minimum requirements. It does not impede any governmental entity in taking the proper steps to prevent or control pollution, to abate nuisance, or to protect the public health.

This license to operate is valid for an indefinite period. The holder may transfer it to a succeeding owner, provided the facility has not been remodeled and is functioning properly.

Licensing Authority Comal County Environmental Health

OS0032485

ENVIRONMENTAL HEALTH ORDINATOR

ENVIRONMENTAL HEALTH INSPECTOR

		Comal County E	nvironmental pection Sheet	Health			
staller Name: DAVIO WIA			OSSF Installer #: 0	50005924			
1st inspection Date: 7-2 nspector Name: CONNOR		2nd Inspection Date	= 08-02-19 (annor	3rd Inspection Date		annor	-(4
ermit#: 109236				INON PASSIO			0
Description TE AND SOR, CONTRITIONS &	Annes	285.31(a)	Notas			2rel leng.	
ETBACE DISTANCES Sing and Soll andiations Consistent with obmitted Planning Materials	/	285.30(b)(1)(A)(W) 285.30(b)(1)(A)(V) 285.30(b)(1)(A)(0) 285.30(b)(1)(A)(0) 285.30(b)(1)(A)(0) 285.30(b)(1)(A)(0)			-		
TE AND SOIL CONDITIONS & ETBACK DISTANCES Setbick Istances leet Minimum Standards	1	285.91(10) 285.30(b)(4) 285.31(d)			+		
EWER PIPE Proper Type Pipe om Structure to Disposal System Cast Iron, Ductile Iron, Sch. 40, DR 26)	1	285.32(a)(1)		-	-		
EWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per bot	1	285.32(a)(3)					
EWER PIPE Two Way Sanitary - ype Cleanout Properly Installed Add. C/O Every 100' &/or 90 egree bends)	./	285.32(a)(5)					
RETREATMENT Installed (if							
equired) TCEQ. Approved List RETREATMENT Septic Tank(s) Aret Minimum Requirements		285.32(b)(1)(G)285.32(b)(1)(E)(W) 285.32(b)(1)(E)(w) 285.32(b)(1)(F) 285.32(b)(1)(F) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(i) 285.32(b)(1)(E) 285.32(b)(1)(E)(i)(B) 285.32(b)(1)(E)(i)(B) 285.32(b)(1)(E)(i)(B) 285.32(b)(1)(E)(i)(B) 285.32(b)(1)(E)(i)(B)					
PRETREATMENT Grease Interceptors if required for commercial		285.34(d) A. LOUME AND AREA,		d Jc Fail head not			

			Comal County Envir OSSF Inspect			Final
	APPLICATION AREA Distribution Mys., Riting, Sprinker Hearts & Value Colore Calter Coded Purple?		-Charlions 245.33(d)(2)(6)(111)(11)285.3 3(d)(2)(6)(111)(11)285.33(d)(2)(6)(v) 285.33(d)(2)(6)(111) 285.33(d)(2)(6)(11) 285.33(d)(2)(6)(11) 285.33(d)(2)(6)(11)(1) 285.33(d)(2)(6)(11)(1)	Notas	Jakimp, Jardim	
	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 30 ft of sprinkler bunds? APPLICATION AREA The Landscape Plan is as Designed	100	285.33(d)(2)(6)(1) 285.33(d)(2)(A) 285.33(d)(2)(F)		wood	2
41	APPLICATION AREA Area Installed					
42		<u></u>				
43	PUMP TANK Meets Minimum Reserve Capacity Requirements				-	
44	PUMP TANK Material Type & Manufacturer					-
45	PUMP TANK Type/Size of Pump Installed					

		Comal County E	pection Shee				
		USSF INS	-				an ta da
Installer Name: DAVIO WI 1st Inspection Date: 7-7			OSSF installer #: e: 08 - 02 -	3rd Inspection			
Inspector Name: CONNON		Inspector Name:	(annor	inspector			-
Permit#: 109236						Nec La	t n
Description	Anwser	Citations	Address: 1140 Note	FINON PAS	1st insp.	2nd insp.	3rd Insp
SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	1	285.31(a) 285.30(b)(1)(A)(w) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii)			-		
SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	1	285.91(10) 285.30(b)(4) 285.31(d)			1		
SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	1	285.32(a)(1)			-		
SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	1	285.32(a)(3)					
SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	./	285.32(a)(5)			-		
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)(C)(i) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(E) 285.32(b)(1)(E) 285.32(b)(1)(E)(ii) 285.32(b)(1)(E)(ii) 285.32(b)(1)(E)(ii)					
PRETREATMENT Grease Interceptors if required for commercial		285.34(d)					
7-22-19 JS TANK SET LEVE OPERATSONAL. TREES FROM S	CLEA	R. WILL AND	08-02-	19 JC Fa	íl E inste	ila b	ror K f

COVER,

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I spray had not installed back to back

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No.	Description	Anwser	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)285.3 3(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)(ii) 285.33(d)(2)(G)(iii)(I)				
40	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	1	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)				
41	APPLICATION AREA Area installed	1			-		
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

		Comal County I	Environmenta spection Shee				
			-		1		
Installer Name: DAVIO WI 1st Inspection Date: 7-7			OSSF Installer #:(
			te:				
Inspector Name: CONNON	•	Inspector Name:		Inspector	Name:		
Permit#: 109236			Address: 1140	PINON PAS	S/ MANCHO		
. Description SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	Anwser	Citations 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)	Note	<u>s</u>	1st insp.	2nd Insp.	3rd Ins
SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	1	285.91(10) 285.30(b)(4) 285.31(d)			-		
SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	(285.32(a)(1)			-		
SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	/	285.32(a)(3)			/		
SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	. /	285.32(a)(5)			-		
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)(F) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C) 285.32(b)(1)(E) 285.32(b)(1)(E)(ii) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(II)					
PRETREATMENT Grease Interceptors if required for commercial		285.34(d)					

7-22-19 JC TANK SET LEVELED OPERATIONAL. CLEAR LOUVE AND TREES FROM SPRAY AREA. COVER.

o. Description	Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If SingleTank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and " T " Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum 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)(1) 285.32(b)(1)(E)(ii)(1) 285.32(b)(1)(E)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(ii) 285.32(b)(1)(A) 285.32(b)(1)(E)(iv)				
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 provided SEPTIC 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						-
PUMP TANK Volume Installed						
AEROBIC TREATMENT UNIT Size	1			-		
AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	~		SOLAR AIR 600	-		
DISPOSAL SYSTEM Absorptive		285.33(a)(1) 285.33(a)(2) 285.33(a)(2) 285.33(a)(3)				
DISPOSAL SYSTEM Leaching Chamber		28:5:33(a)(1) 285:33(a)(3) 285:33(a)(4) 285:33(a)(2)				
DISPOSAL SYSTEM Evapo- transpirative		285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

No.	Description	Anwser	Citations	Notes	1st insp.	2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
19							
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
21	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
22	DISPOSAL SYSTEM Mound		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(2)				***
23	DISPOSAL SYSTEM Other (describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)	AEROBIZ_SPRAY			
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC		Per secondora	Actor Ster - Ster -			
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)				
21	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
28	DRAINFIELD Pipe and Gravel -						
29	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)				
30	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

No. Description	Anwser	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
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	111			(1 1		
AEROBIC TREATMENT UNIT Chlorinator Properly Installed with 35 Chlorine Tablets in Place.	/					
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 36 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 37 PUMP TANK Secondary restraint						
System provided PUMP TANK Secondary restraint PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						

No.	Description	Anwser	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)285.3 3(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)(ii) 285.33(d)(2)(G)(iii)(I)				
40	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)				
42	APPLICATION AREA Area Installed	1			-	-	
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer					100 M 10	
45	PUMP TANK Type/Size of Pump Installed						



Comal County office of comal county engineer

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

Permit Number:	109236
Issued This Date:	06/10/2019
This permit is hereby given to:	Jose Pena & Mario Villagomez

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

1140 PINON PASS FISCHER, TX 78623

Subdivision:Rancho Del LagoUnit:12Lot:205Block:Acreage:

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.

* * * COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH * * *

APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Date A	pril 10, 2019		Permit #	109736		
Owner Name	JOSE PENA & MARIO VILLAGOM	EZ Agent Name	GREG W.	JOHNSON, P.E.		
Mailing Address	18611 NAVARRO BRANCH DRIV	E Agent Address	Agent Address 170 HO			
City, State, Zip	CYPRESS TEXAS 77433	City, State, Zip	NFELS, TX 78132			
Phone#	281-914-1487	Phone #	(830	830) 905-2778		
Email	joesistopena@gmail.com	Email	gregjohnso	npe@yahoo.com		
All correspondenc	e should be sent to: 🗌 Owner 🛛 A	gent 🔲 Both	Method: 🗌 Mail	Email		
Subdivision Name	RANCHO DEL LAGO	Unit/Phase/Section PHASE 12	Lot 205	Block		
Acreage/Legal						
Street Name/Add	ress 1140 PINON PASS	City	FISCHER	Zip 78623		
Type of Develop	ment:	ىسىرىغە مەرەپەتلەر سەلەيەت تەرىپىرە ۋە بېغەيەت بەرەك بىرى بارىسىرى		RECEIVED		
Single Family	Residential					
Type of Cor	nstruction (House, Mobile, RV, Etc.)	HOUSE		JUN 04 2019		
Number of	Bedrooms <u>3</u>					
Indicate Sq	Ft of Living Area 1596			COUNTY ENGINEEF		
Type of Fac Offices, Fac Restaurant Hotel, Mote	ctories, Churches, Schools, Parks, Etc s, Lounges, Theaters - Indicate Numbe el, Hospital, Nursing Home - Indicate N er/RV Parks - Indicate Number of Spa	- Indicate Number Of Od er of Seats umber of Beds				
Estimated Cost o Is any portion of t	f Construction: \$ 2.05,000 (he proposed OSSF located in the Unit (if yes, owner must provide approval from US/	ed States Army Corps of				
Source of Water Are Water Saving	Public Private Well Devices Being Utilized Within the Res	idence? 🛛 Yes 🗌 No	>			
-Authorization is here site/soil evaluation a -I also understand that by the Cornal County	ation, I certify that: cation and all additional information submitted d aby given to the permitting authority and design and inspection of private sewage facilities. It a permit of authorization to construct will not to y Flood Damage Prevention Order. In the online posting/public release of my e-n	ated agents to enter upon the a be issued until the Floodplain A	bove described property	for the purpose of ed the reviews required		

195 David Jonas Dr., New Braunfeis, Texas 78132-3760 (830) 608-2090 Fax (830) 608-2078

Revised July 2018

RANCHO DEL LAGO, PHASE 12, LOT 205 * * COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH * * * APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN **ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE** 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 SOLAR AIR SA600LP 4241 Tank Size(s) (Gallons) Absorption/Application Area (Sq Ft) 240 Galions Per Day (As Per TCEQ Table III) (Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ) RECEIVED Is the property located over the Edwards Recharge Zone? Yes X No JUN 04 2019 (If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.)) COUNTY ENGINEER Is there an existing TCEQ approved WPAP for the property? Yes X No (if yes, the R. S. or P. E. shall certify that the OSSF design complies with all provisions of the existing WPAP.) If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? Yes No 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? Xes No Is there an existing TCEQ approval CZP for the property? Yes X 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? Ves X 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 appropriate regional office.) Is this property within an incorporated city? Yes If yes, indicate the city: JOHNSON GREG W ESSIONAL **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

April 12, 2019

Page 2 of 2 **Revised July 2018**

195 David Jonas Dr., New Braunfels, Texas 78132-3760 (830) 608-2090 Fax (830) 608-2078

Date

AFFIDAVIT



Val	THE COUNTY OF COMAL STATE OF TEXAS				
107	CERTIF	ICATION OF OS	SF REQUIRING	G MAINTENANCE	
	According to Texas Commi (OSSF's), this document is	ssion on Environ filed in the Deed	mental Quality Records of Cor	Rules for On-Site Sewage Facilities nal County, Texas.	
			I	and the second second	
	Environmental Quality (T the Texas Water Code (TW for implementing the laws carry out its powers and du TWC and the Texas Health certain types of OSSFs are commission requires a reco recording to the OSSF pern warranty by the commissio	CEQ) to regulat (C), § 5.012 and of the State of To tites under the TV and Safety code located on speci orded affidavit. A mitting authority, n of the suitabilit	e on-site sewag § 5.013, gives the exas relating to WC. The comm e, requires owned ific pieces of pr dditionally, the This recorded by of this OSSF,	s the Texas Commission on ge facilities (OSSFs). Additionally the commission primary responsibility water and adopting rules necessary ission, under the authority of the m's to provide notice to the public the operty. To achieve this notice, the owner must provide proof of the affidavit is not a representation or nor does it constitute any guarantee	to hat RECEIVED
	by the commission that the	appropriate OSS		•	JUN 04 2019
	An OSSF requiring a main §285.91(12) will be install) Texas Administrative Code insert legal description):	COUNTY ENGINEER
12	UNIT/PHASE/SECTION	BLOCK	205 LOT	RANCHO DEL LAGO	SUBDIVISION
IF	NOT IN SUBDIVISION:	ACREAGE	an a		SURVEY
	The property is owned by (insert owner's f	ull name):	JOSE PENA & MARIO VILLA	GOMEZ
	the initial two-year service	policy, the owne	r of an aerobic t	contract for the first two years. Aft reatment system for a single family a 30 days or maintain the system	
		new owner. A c	opy of the plan	permit for the OSSF shall be ning materials for the OSSF can be	
	WITNESS BY HAND(S) O	N THIS D	AY OF	,20_19	
	x lipelyon		Je	SE PENA	_
	Owner(s) signature(s)	L.		(s) Printed name (s)	2
	DOSE VENA MON	SWC		UBSCRIBED BEFORE ME ON THI	
	Mult		1112.4	Filed and Recorded	PORTOGLOOMET
	Notary Public Sign	ature	- in the second se	Official Public Records Bobbie Koepp, County Cler	k
e	GREG W. JOHN			Comal County, Texas 06/04/2019 01:23:36 PM	
si ta da - ngenera	Notary Public, State Comm. Expires 05- Notary ID 12421	17-2022		TERRI 1 Page(s)	
	(Notary Seal Here			201906019100	00

TREATMENT SYSTEM INITIAL SERVICE POLICY RECEIVED

COLINI

EER

JUN 04 2019

This Service Policy ("Agree	ement") entered into this	day of	······	by and between	ENGIN
JOSE PENA & MARIC	VILLAGOMEZ ("Ho	me Owner") and DAUIL	BARHAR	("Servic	e Provider")
Service Provider agrees to c	perate and maintain the Ho	ot Aerobic System located at	1140 PINION PAS	S	
RANCHO DEL LAGO	PHASE 12, LOT 205	(legal description only) Po	ermit #	, for the period	of two (2)
years beginning LTO	and ending	, pursuant to the	terms below:		

This Agreement will provide for all required inspections, testing and service of your HOOT Aerobic Treatment System. Service Provider and Home Owner agree to the following:

Rocky Ridge Deplie

- Service Provider shall perform 3 inspections a year/service calls (at least one every 4 months), for a total of 6 over the two-year period including inspection, adjustment and servicing of the mechanical, electrical and other applicable component parts to ensure proper function. This includes inspecting the control panel, air pumps, air filters, diffuser operation, and replacing or repairing any component not found to be functioning correctly.
- Such inspections shall include 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.
- If any improper operation is observed by Service Provider, which cannot be corrected at the time of the service visit, Home Owner will be notified immediately in writing of the conditions and estimated date of correction.
- 4. Home Owner agrees to maintain a chlorine residual of at least 0.1 mg/L in the treatment system. This can be accomplished by using chlorine tablets designed for wastewater use, NOT SWIMMING POOL TABLETS. Upon inspection by Service Provider, if the system needs chlorine tablets the Service Provider will add them and charge the Home Owner.
- 5. In the event that the Home Owner fails in their responsibility to add the chlorine tablets, it shall be considered a breach of this Agreement and the Home Owner's duties as agreed to in the Hoot Homeowners Manual. Additionally, such failure may be considered an unlawful act in some jurisdictions, and Service Provider will contact the appropriate governmental authorities to report such violation. Initials of Homeowner

6. Home Owner agrees to maintain a factory authorized service provider for the lifetime of the system, as required by state law applicable to aerobic systems. Service Provider agrees to make available, for purchase on an annual basis, a continuing service policy to cover labor for normal inspection, maintenance and repair.

7. Service Provider agrees that within 48 hours of a request for service (weekends and holidays excluded), Home Owner's system will be visited by the Service Provider listed below or their authorized agent. If there are any items which need correction and can not be immediately remedied, the service provider will inform the Home Owner, in writing, of the conditions and the estimated repair date.

 Any additional visits, inspections or sample collections required by specific Municipalities, Water/River Authorities, County Agencies the State or any other regulatory agency in your jurisdiction will be covered by this Agreement.

Disclaimer: The HOOT Homeowners Manual must be strictly followed or all warranties are subject to invalidation. Pumping of sludge buildup, for reasons other than due to warranted mechanical failure, are not covered by this Agreement and will result in additional charges. By signing this Agreement, both Service Provider and Homeowner agree to the terms contain herein. Further, By signing this Agreement, both the Service Provider and the Home Owner swear that the Home Owner has received a copy of the Homeowners Manual and the Service Provider has made a reasonable effort to explain all pertinent information to the Homeowner.

Home Owner agrees that HOOT Aerobic Systems, Inc. is not a party to this Agreement, and shall bear no responsibility for service or any terms, obligations, or duties contained herein.

HOME OWNER

JOSE PENA & MARIO VILLAGOMEZ	Name of Service Company Representative
18611 NAVARRO BRANCH	2449 Rocky FIDGE LOOP
Address CYPRESS, TX 77433	CANYON LA RE TX 28133
City (281,) 914/1487	City (210)416-9477
Phone	MP0000557
Signature of Home Owner	Signature of Service Provider and License #.

SERVICE PROVIDER

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed:	April 11, 2019
Site Location:	RANCHO DEL LAGO, PHASE 12, LOT 205
Proposed Excavation Depth: _	N/A
Locations of soil bor	ations must be performed on the site, at opposite ends of the proposed disposal area g or dug pits must be shown on the site drawing. , soil evaluations must be performed to a depth of at least two feet below the

proposed excavation depth. For surface disposal, the surface horizon must be evaluated.

COUNTY ENGINEER Describe each soil horizon and identify any restrictive features on the form. Indicate depths where features appear.

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Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
6 "	ш	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 6"	BROWN
3						

Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
	SAME		AS		ABOVE	

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

04/11/19

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

OSSF SOIL EVALUATION REPORT INFORMATION

Date: April 12, 2019

Applicant Information:

Name:JOSE PENA & MARIO VILLAGOMEZName:Greg W. Johnson, P.E., R.S., S.E. 11561Address:18611 NAVARRO BRANCH DRIVEAddress: 170 Hollow Oak
Address: 18611 NAVARRO BRANCH DRIVE Address: 170 Hollow Oak
City: CYPRESS State: TEXAS City: New Braunfels State: Texas
Zip Code: <u>77433</u> Phone: <u>(281) 914-1487</u> Zip Code: <u>78132</u> Phone & Fax <u>(830) 905-2778</u>
Property Location: Installer Information:
Lot 205 Unit 12 Blk Subd. RANCHO DEL LAGO Name:
Street Address: 1140 PINON PASS Company:
Street Address: 1140 PINON PASS Company: City: FISCHER Zip Code: 78623 Address:
City: FISCHER Zip Code: 78623 Address: Additional Info.: City: State:
Zip Code: Phone
Topography: Slope within proposed disposal area:6%
Presence of 100 yr. Flood Zone: YES_NO_X
Existing or proposed water well in nearby area. YES NO X
Presence of adjacent ponds, streams, water impoundments YES NOX
Presence of upper water shed YES NO X
Organized sewage service available to lot YESNO_X
Design Calculations for Aerobic Treatment with Spray Irrigation:
Commercial
Q = GPD
Residential Water conserving fixtures to be utilized? Yes X No
Number of Bedrooms the septic system is sized for: <u>3</u> Total sq. ft. living area <u>1596</u>
Q gal/day = (Bedrooms +1) * 75 GPD - (20% reduction for water conserving fixtures)
Q = (3 +1)*75-(20%) = 240
$\frac{1}{1} + \frac{1}{1} + \frac{1}$
TCEQ Approved Aerobic Plant Size 600 G.P.D.
Req'd Application Area = $Q/Ri = 240$ / 0.064 = 3750 sq. ft.
$\frac{1}{240} = \frac{1}{240} = \frac{1}$
Application Area Utilized = 5654 sq. ift.
Pump Requirement <u>12</u> Gpm @ <u>41</u> Psi (Redjacket 0.5 HP 18 G.P.M. series or equivalent)
Dosing Cycle:ON DEMAND orXTIMED TO DOSE IN PREDAWN HOURS
Pump Tank Size = 778 Gal. 18.75 Gal/inch.
Reserve Requirement = <u>go</u> 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
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.
I 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

04/12 DA GREG W. JOHNSON ENGINE

FIRM #2585

RECEIVED By rabsah at 8:14 am, Jun 10, 2019

Greg W. Johnson, P.E. 170 Hollow Oak New Braunfels, Texas 78132 830/905-2778

June 7, 2019

Comal County Office of Environmental Health 195 David Jonas Drive New Braunfels, Texas 78132-3760

RE- Septic Design #109236

1140 PINION PASS RANCHO DEL LAGO, PHASE 12, LOT 205 FISCHER, TX 78623 VILLAGOMEZ RESIDENCE

Ms. Ritzen/Hernandez,

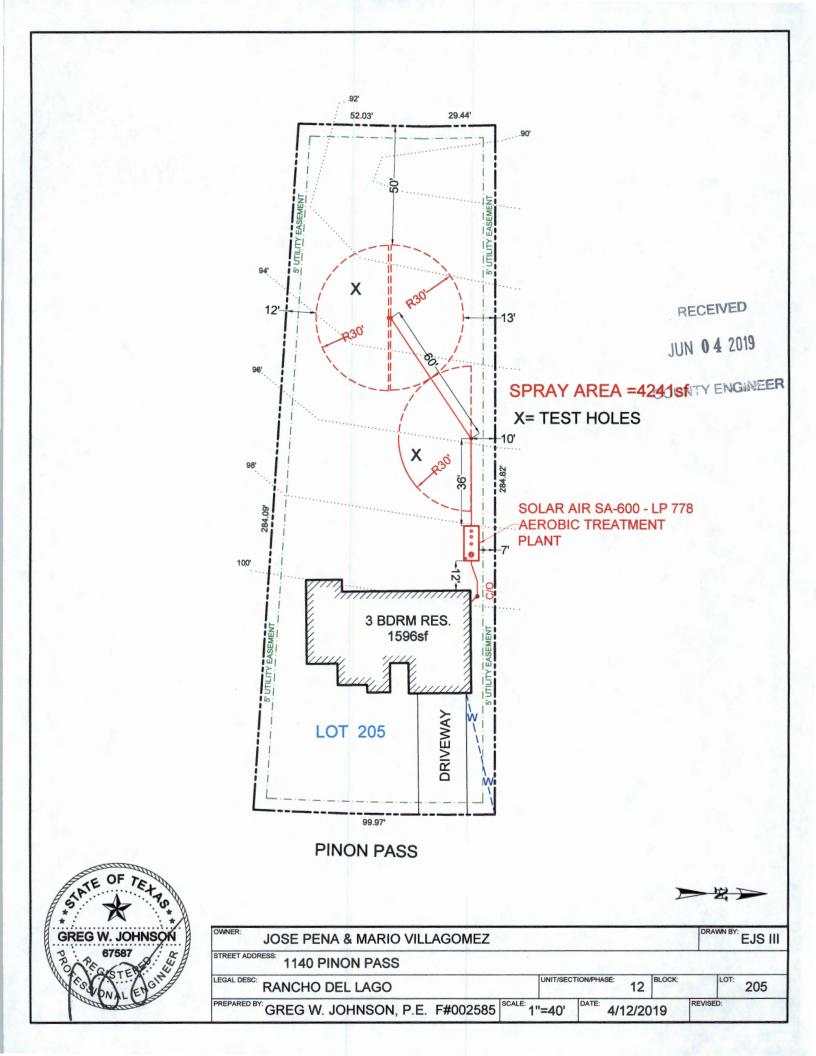
Due to the lack of available application area it is necessary to have the setback from the property line to the spray at ten feet as required by TCEQ Chapter 285 rules Table X. I hereby request a variance to the twenty foot setback to property lines as required by Comal County Order and equivalent protection will be maintained by including a battery backup to the timer clock to assure sprayers to only spray during the predawn hours. In my professional opinion this variance will not pose a threat to the environment or public health.

If I can be of further assistance please contact me.

Respectfully yours, . Johnson, P.E., F#2585 Greg W

Date





TANK NOTES:

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

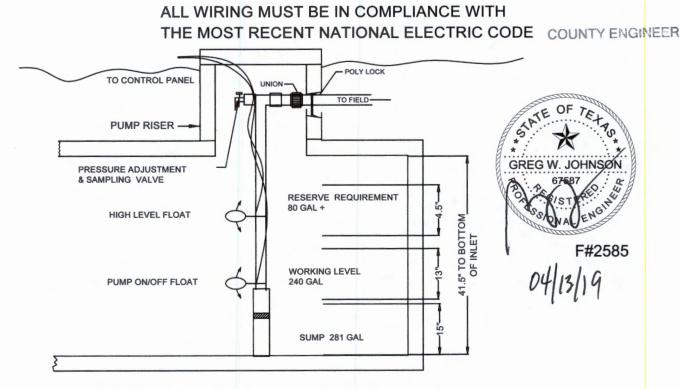
Tightlines to the tank shall be SCH-40 PVC.

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

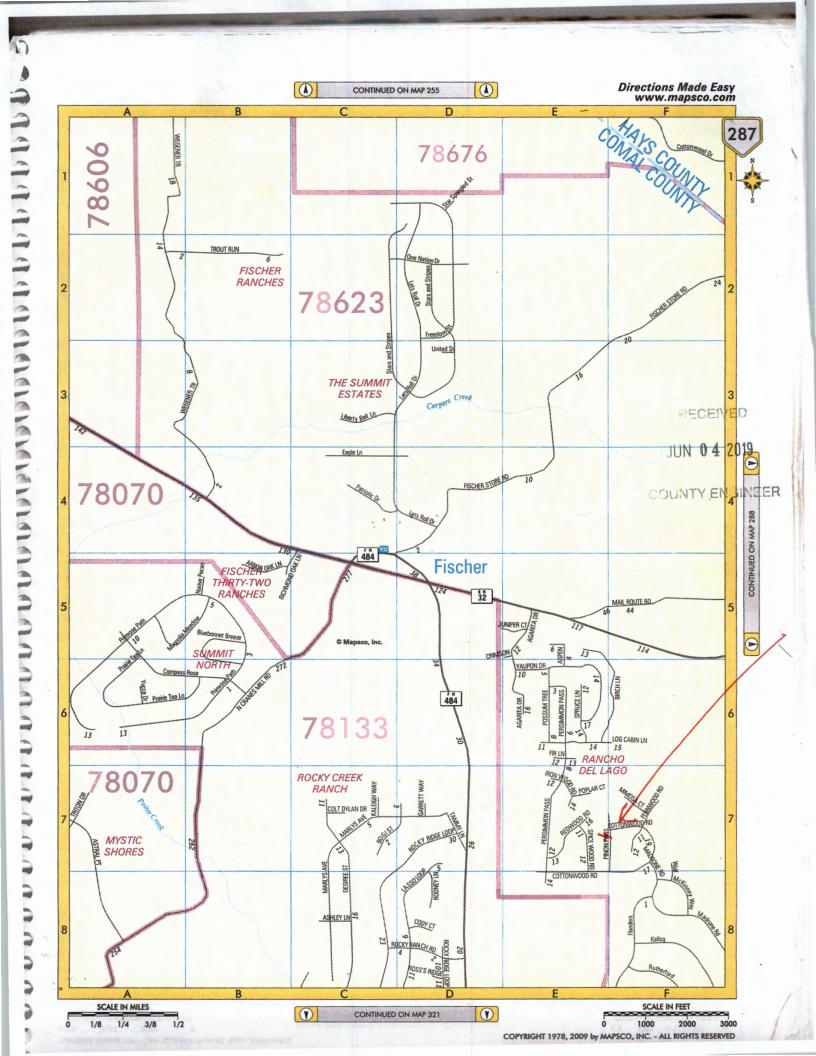
A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks

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



201806932616 08/20/2018 10:50:25 AM 1/2

: August

Grantor: Clarence Langlinais and Mary Langlinais

Grantor's Mailing Address:

Dover Mills Dr. Spring TA 77319

General Warranty Deed

Grantee: Jose Pena and Mario Villagomez

Grantee's Mailing Address: 18611 Abran Branch Dr. Cypress Th

Consideration:

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

Property (including any improvements):

Lot 205, Rancho Del Lago, Phase 12, a subdivision, according to map or plat recorded in Volume 8, Pages 293-295, of the Map and Plat Records of Comal County, Texas.

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing instruments, other than conveyances of the surface fee estate, that affect the Property; and taxes for 2018, which Grantee assumes and agrees to pay, but not subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantor assumes.

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

Hernandez, Sandra

From:	Hernandez, Sandra
Sent:	Friday, June 7, 2019 2:21 PM
То:	'Greg Johnson'
Subject:	109236 deficiency comment

RE: Rancho Del Lago, Phase 12, Lot 205

Greg,

We received planning materials for the referenced permit application on June 04, 2019 and found those planning materials to be deficient. In order to continue processing this permit, we need the following information:

Rules and regulations require a minimum 20 foot separation distance from the edge of spray areas to property lines. Revise accordingly and resubmit.

If you have any questions, you can email me or call the office.

Thank you,

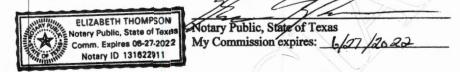
Sandra Ann Hernandez Envíronmental Health Asst. Comal County Engíneer's Office cceo.org 830-608-2090 (Ext. 3156) When the context requires, singular nouns and pronouns include the plural.

Clarence Langlinais

Mary L

STATE OF TEXAS) COUNTY OF Harris)

This instrument was acknowledged before me on August 15, 2918, by Clarence Langlinais and Mary Langlinais.



PREPARED IN THE OFFICE OF:

DWAIN W BLASCHKE P.O. Box 1744 Canyon Lake, TX 78133 Tel: (830) 964-4442 Fax: (830) 964-4426

> Filed and Recorded Official Public Records Bobbie Koepp, County Clerk Comal County, Texas 08/20/2018 10:50:25 AM age(s) Babbie Keepp

Recorder's Memorandum

This document was of poor quality at the time of recording and will not reproduce.

COUNTY OF COMAL

OSSF DEVELOPMENT APPLICATION CHECKLIST

COUNTY ENGINEER'S OFFICE

items Date Received	initials

Permit Number

Instructions:

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

OSSF Permit

Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate

X Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer

Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.

JUN 04 2019

Kequired Permit Fee

COUNTY ENGINEER

Copy of Recorded Deed

X Surface Application/Aerobic Treatment System

Kecorded Certification of OSSF Requiring Maintenance/Affidavit to the Public

X Signed Maintenance Contract with Effective Date as Issuance of License to Operate

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

Signature of Applicant

COMPLETE APPLICATION

Check No._____

Receipt No.

06/4/19

[Missing Items Circled, Application Refused]