



COMAL COUNTY

ENGINEER'S OFFICE

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: **10/16/2019** Permit Number: **109184**

Location Description: 735 LANTANA TRACE
SPRING BRANCH, TX 78070

Subdivision: Lantana Ridge
Unit: 9
Lot: 23
Block:
Acreage:

Type of System: Aerobic
Surface Irrigation

Issued to: Joel & Deborah Spring

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

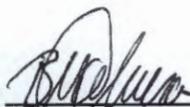
may require a new permit. **It is the responsibility of the owner to apply for a new permit, if applicable.**

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


OS0034792
ENVIRONMENTAL HEALTH INSPECTOR


OS0007722
ENVIRONMENTAL HEALTH COORDINATOR

Finney

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: MT Septic / Mike Long & Joe Ades OSSF Installer #: _____
 1st Inspection Date: 6/14/19 2nd Inspection Date: Final 10-16 3rd Inspection Date: 6/21/19
 Inspector Name: Mike T. Inspector Name: B. Oliver Inspector Name: Mike T.

Permit #: 109184 Address: Lantana Ridge / 735 Lantana Trace Dr.

No.	Requirement	Amended	Details	Notes	Inspected	Inspected By	Pass/Fail
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Compliant with Applicable Planning Materials	✓	285.31(a) 285.30(a)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(vi) 285.30(b)(1)(A)(vii) 285.30(b)(1)(A)(viii)		6/14/19		6/21/19
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	✓	285.31(20) 285.30(b)(4) 285.31(d)	No L.T.O. still Resolved.			
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	✓	285.32(a)(1)	1 1/2" need to change to 3" or bigger need on design line			
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)(B) 285.32(b)(1)(C)(i) 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)(ii)(ii) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(i)				
7	PRETREATMENT Grease Interceptors If required for commercial		285.34(d)				

MT- 6/14/19
Tank set only, leveled

10-16-19 BAO
Covered

MT- 6/21/19
operational ✓
Covered.
wanting to add 1 1/2" Line
From garage to tank For Sink?
no L.T.O. still Resolved.

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	Signature
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If Single Tank, 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)(II) 285.32(b)(1)(E)(II)(I) 285.32(b)(1)(E)(I) 285.32(b)(1)(D) 285.32(b)(1)(C)(II) 285.32(b)(1)(C)(I) 285.32(b)(1)(B) 285.32(b)(1)(A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system 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)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed	✓		500	6/14/19		6/21/19
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		ProFlo	/		/
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(5) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

**Comal County Environmental Health
OSSF Inspection Sheet**

Item	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(3) 285.33(a)(2) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
23	DISPOSAL SYSTEM Mound		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)				
24	DISPOSAL SYSTEM Other (describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
28	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
29	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
30	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)		285.33(c)(2)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

**Cornal County Environmental Health
OSSF Inspection Sheet**

	Observations	Accepted	Code/Refs	Notes	1st Insp.	2nd Insp.	3rd Insp.
	<p>EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling</p> <p>EFFLUENT DISPOSAL SYSTEM</p> <p>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)</p> <p>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.</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart</p>		<p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(B)</p> <p>285.91(13)</p> <p>285.33(b)(3)(D)</p> <p>285.33(b)(3)(F)</p>				
32	AEROBIC TREATMENT UNIT'S Aerobic Unit Installed According to Approved Guidelines.	✓	285.32(c)(1)		6/14/19		6/21/19
33	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	✓					
34	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.	✓					
35	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						
36	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						
38	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						
39							

Comal County Environmental Health
OSSF Inspection Sheet

FINAL

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipes, Fittings, Backflow Heads & Valve Covers Color Coded Purple?	/	285.33(d)(2)(G)(iii)(ii) 285.33(d)(3)(d)(2)(G)(ii)(iii) 285.33(d)(2)(G)(iv) 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)		6/14/19 		
41	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)(iii) 285.33(d)(2)(A) 285.33(d)(2)(F)				
42	APPLICATION AREA Area Installed						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: MT Septic / Mike Long & Joe Adcz OSSF Installer #: _____

1st Inspection Date: 6/14/19 2nd Inspection Date: _____ 3rd Inspection Date: 6/21/19

Inspector Name: Mike T. Inspector Name: _____ Inspector Name: Mike T.

Permit#: 109184 Address: Lantana Ridge / 735 Lantana Trace Dr.

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)		6/14/19		6/21/19
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	/	285.91(10) 285.30(b)(4) 285.31(d)	No L.T.O. till Resolved.			
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	/	285.32(a)(1)	1 1/2" Need to change to 3" or bigger Need on design line			
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)(B) 285.32(b)(1)(C)(i) 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)(ii)(iii) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(i)				
7	PRETREATMENT Grease Interceptors If required for commercial		285.34(d)				

MT- 6/14/19

Tank set only, leveled

MT- 6/21/19

operational ✓
Covered.

wanting to add 1 1/2" line from garage to tank for sink? No L.T.O. till Resolved.

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK if Single Tank, 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)(II) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(i) 285.32(b)(1)(D) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(i) 285.32(b)(1)(B) 285.32(b)(1)(A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system 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)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed	✓		500	6/14/19		6/21/19
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		ProFlo	1		1
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

**Comal County Environmental Health
OSSF Inspection Sheet**

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

**Comal County Environmental Health
OSSF Inspection Sheet**

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)				
33	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.	✓	285.32(c)(1)		6/14/19		6/21/19
34	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions	✓			↓		↓
35	AEROBIC TREATMENT UNIT Chlorinator Properly installed with Chlorine Tablets in Place.	✓			↓		↓
36	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
37	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						
39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?	✓	285.33(d)(2)(G)(iii)(ii)285.33(d)(2)(G)(iii)(iii)285.33(d)(2)(G)(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)		6/14/19 ↑		
41	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						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: MJ Septic / Mike Long & Joe Adcz OSSF Installer #: _____

1st Inspection Date: 6/14/19 2nd Inspection Date: _____ 3rd Inspection Date: _____

Inspector Name: Mike T. Inspector Name: _____ Inspector Name: _____

Permit#: 109184 Address: Lantana Ridge / 735 Lantana Trace Dr.

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)		6/14/19		
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)(B) 285.32(b)(1)(C)(i) 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)(ii)(II) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(I)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

MT- 6/14/19

Tank set only, leveled

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If Single Tank, 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)(II) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(i) 285.32(b)(1)(D) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(i) 285.32(b)(1)(B) 285.32(b)(1)(A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system 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)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed	✓		500	6/14/19		
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		ProFlo			
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

**Comal County Environmental Health
OSSF Inspection Sheet**

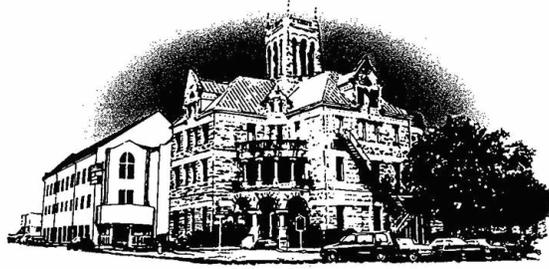
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3)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

**Comal County Environmental Health
OSSF Inspection Sheet**

Np.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	<p>EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling</p> <p>EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0%</p> <p>EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom)</p> <p>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</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart</p>		<p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(B)</p> <p>285.91(13)</p> <p>285.33(b)(3)(D)</p> <p>285.33(b)(3)(F)</p>				
33	<p>AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.</p>	✓	285.32(c)(1)		6/14/19		
34	<p>AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided</p> <p>AEROBIC TREATMENT UNIT Secondary restraint system provided</p> <p>AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank</p> <p>AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions</p>	✓			↓		
35	<p>AEROBIC TREATMENT UNIT Chlorinator Properly installed with Chlorine Tablets in Place.</p>	✓					
36	<p>PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction</p> <p>PUMP TANK Sampling Port Provided in the Treated Effluent Line</p> <p>PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required</p> <p>PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump</p>						
37	<p>PUMP TANK Inspection/Clean Out Port & Risers Provided</p> <p>PUMP TANK Secondary restraint system provided</p> <p>PUMP TANK Riser permanently fastened to lid or cast into tank</p> <p>PUMP TANK Riser cap protected against unauthorized intrusions</p>						
38	<p>PUMP TANK Secondary restraint system provided</p>						
39	<p>PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried</p>						

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?		285.33(d)(2)(G)(iii)(II)285.33(d)(2)(G)(iii)(III)285.33(d)(2)(G)(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)		6/14/19 		
41	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						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
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: 109184
Issued This Date: 05/29/2019
This permit is hereby given to: Joel & Deborah Spring

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

735 LANTANA TRACE
SPRING BRANCH, TX 78070

Subdivision: Lantana Ridge
Unit: 9
Lot: 23
Block:
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 Comal County requirements.

Call (830) 608-2090 to schedule inspections.

REVISED

REVISED

2:39 pm, Aug 06, 2019

COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Permit # 109184

Owner Name Joel Spring + Deborah Springs
Mailing Address 28903 Gracies Str
City, State, Zip San Antonio, TX 78260
Phone # 210 382 0474
Email JSprings@rxdesign.com

Agent Name Bobby Baillio
Agent Address 28088 Verde Mountain Trail
City, State, Zip San Antonio, TX 78261
Phone # 432-296-6767
Email bbaillio@gmail.com

All correspondence should be sent to: [] Owner [X] Agent [] Both Method: [] Mail [X] Email

Subdivision Name Lantana Ridge Unit 9 Lot 23 Block

Acreage/Legal
Street Name/Address 735 Lantana Trace City Spring Branch Zip

Type of Development:

[X] Single Family Residential
Type of Construction (House, Mobile, RV, Etc.) House Garage Sink Total GPD
Number of Bedrooms 3 300 GPD 10 GPD 310
Indicate Sq Ft of Living Area 3083

[] 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

HS 8-6-19

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 [X] No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water [X] Public [] Private Well

Are Water Saving Devices Being Utilized Within the Residence? [X] Yes [] No

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.
- Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities..
- I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Owner [Handwritten Signature]

Date 5/13/19

*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

REVISED

8:44 am, Jul 03, 2019

Planning Materials & Site Evaluation as Required Completed By Hoyt Seidensticker

System Description Aerobic with Spray Distribution

Size of Septic System Required Based on Planning Materials & Soil Evaluation 5129.19

Tank Size(s) (Gallons) 500 GPD Unit Absorption/Application Area (Sq Ft) 4827.04

Gallons Per Day (As Per TCEQ Table III) 300 310

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.) HL 7-2-19

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.)) MAY 22 2019

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.)

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

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

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

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

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

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

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

Is this property within an incorporated city? Yes No

If yes, indicate the city: _____



Hoyt Seidensticker

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 [Signature]

Date 5.13.19



201906017423 05/22/2019 11:57:21 AM 1/1

1/CB

Affidavit to the Public

THE COUNTY OF Comal
STATE OF TEXAS

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

Before me, the undersigned authority, on this day personally appeared Deborah Spring, who, after being, by me, duly sworn, upon oath states that he/she is the owner of record of that certain tract or parcel of land lying and being situated in Comal County, Texas and being more particularly described as follows:

RECEIVED
MAY 22 2019

Legal Description of property is as follows:

Lot 23, ^{LANTANA} ~~Lantana~~ Ridge, Unit 9

COUNTY ENGINEER

An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code §285.91(12) will be installed on the property.

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

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

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

Signed by my/our hand(s) on this 13 Day of May, 2019

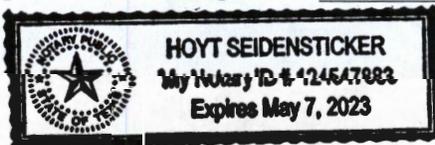
Signature Deborah Spring

Print Name Deborah Spring

Sworn to and subscribed to before Notary Public, in and for the state of Texas and
WITNESS MY HAND AND OFFICIAL SEAL THIS THE 13 DAY OF May, 2019.

Hoyt Seidensticker
Notary Public, State of Texas
My Commission Expires: _____

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
05/22/2019 11:57:21 AM
LAURA 1 Page(s)
201906017423



Bobbie Koepf

MJ Central Texas Septic, LLC

DBA MJ Septic

27552 Old Blanco Road
San Antonio, Texas 78260
(210) 875-3625 * (210) 889-4606
mjseptic@satx.rr.com (email)
www.mjseptic.com

Aerobic Installation * Aerobic Maintenance Contracts
Real Estate Inspections * Cleaning/Pumping

Michael J. Long, MP 0001294 Licensed by T.C.E.Q.

PROPERTY ADDRESS: 735 Lantana Trace

The Texas Commission on Environmental Quality (TCEQ) require all ATU's to be checked and maintained every four months for the life of the unit (some permitting authorities may stipulate this requirement, after the first two years after installation; call your county to inquire). Upon expiration of this contract, MJ Septic will offer a continuation of your maintenance contract to cover labor and routine maintenance/reports. Lab testing, if required, for coliform, TSS, BOD etc. are NOT included in this policy and applicable fees are the owner's responsibility. MJ Septic will inspect and service your ATU once every 4 months for the duration of your 2-year initial contract. For a new single family dwelling, this is the date of installation, required by state guidelines dated June 13, 2001. For an existing single family dwelling, this is the date the notice of approval is issued by your permitting authority. The effective date of this maintenance contract shall be the date the LTO (license to operate) is issued. MJ Septic will address all major concerns/complaints (excluding weekends & holidays) within 72 hours from the initial point of contact with homeowner(s).

- The annual fee on your contract includes the following: an inspection every four months (three times annually) which include inspecting the mechanical, electrical and other applicable components to ensure proper function. The annual fee does not include any parts, cleaning/pumping, chlorine/bleach (tablets or liquid), additional service calls or additional testing that may be required by any regulating authority. If for any reason, we are unable to obtain access to your property or system to perform a service check, you may be charged a \$75 service call for re-scheduling. It is very important that we have all proper gate codes, combination locks etc. to inspect your system.
Repairs I: If repairs or replacement of parts is needed during routine inspection, we will try to contact the homeowner for approval if we are able to repair onsite. If we are unable to repair/replace parts onsite, client will be notified via email and/or USPS that repairs/replacement of parts is needed. All MAJOR part replacements come with a 2-year warranty (see notes below). There will be a \$75 warranty credit fee assessed on all parts. Warranted items will only be honored when a valid maintenance contract is in effect with MJ Septic. If the contract has a lapse, ALL WARRANTED items are VOIDED.
Repairs II: For ATU's under initial installation warranty (2 years from initial installation date) if warranted items are required to be replaced within 30 days of installation, part will be replaced with no fees, after 30 days there will be a \$75 warranty credit fee assessed on all parts. Warranted items will only be honored when a valid maintenance contract is in effect with MJ Septic.
Additional Service Calls/Charges: If a service call is required by homeowner/renter between regular inspections, a service call fee of \$75 (not including parts and/or cleaning/pumping) will be assessed. We may waive this fee at our discretion. These calls include but are not limited to the following: red light alarms, high water alarms, chlorinator checks, leaky airlines, timer adjustments, spray head adjustments and system power failure.
Chlorine: The property owner is responsible for maintaining the chlorine supply. TCEQ regulation requires proper chlorination. For liquid chlorinators, homeowners are to add 2-3 gallons of liquid chlorine/bleach per month. (If the chlorinator is completely empty, DO NOT add more than 3 1/2 gallons of liquid chlorine/bleach at a time) For tablet chlorinators, homeowners can purchase Calcium Hypochlorite tablets at their local Home Depot or Lowe's. DO NOT USE POOL TABLETS (this can cause a volatile reaction)
Cleaning/Pumping: The cleaning/pumping of your ATU is not included in your maintenance contract. We always recommend pumping between 10-12" of sludge. *A typical/average household will need to have their system pumped every 2-5 years; this all depends on usage and will vary per household.
Transfer of Property/Ownership: The fee of this maintenance contract is non-refundable, however is fully transferrable to the new owner(s). If this policy is sold within the contract period, the signing party is responsible for all repairs unless the new homeowner(s) information is provided before repairs are made and transfer contract is signed (by new homeowner) and returned to us. The new homeowner(s) will be required to meet for a walk-through orientation with one of our technicians during their first visit of their transfer contract. RENTAL HOMES: The PROPERTY OWNER is responsible for all fees associated with this contract. Renters will be required to have a walk-through orientation during their first visit to ensure proper usage, etc.
Altering the system: Do not allow alteration to any part of the system or sprinkler head locations. Alterations would put the system out of compliance and would cause the property owner additional expense to bring the system back into compliance. Any use of another company to make repairs to the system will violate any warranties and be considered as a breach of this maintenance contract. If client chooses to purchase and use their own parts, MJ Septic will not install nor work on these parts.
Violations of Warranty: Violations of the warranty include but are not limited to the following: turning off your system at any time, disconnecting the alarm; restricting airflow to the Air Compressor, overloading the system above its daily rated capacity, introducing excessive amounts of harmful matter (including harsh chemicals, cleaners, antibiotics, etc.) into the system or any other harmful usage of your OSSF/ATU. Refusing to Clean/Pump Out Septic when recommended and/or replacing necessary parts as needed. Necessary treatment of ants. Homeowner must keep grass, weeds and plants trimmed and clear of tank access points, control panel, Air Compressor, etc. Moving sprinkler lines without proper documentation, etc. Building over septic tank, lids, etc.
Terms of Payment: Payment is due in full for the maintenance contract at time of signing. Payment for parts, repairs, cleaning/pumping, service calls, etc. are due prior to or at time of service, unless otherwise specifically noted. If payment is not received within ten (10) business days of service date, a 1.5% finance charge will be assessed per month. If payment is delinquent, your next service check/maintenance contract may be cancelled. If payment is more than 90 days past due, contract will be cancelled and we will send to collections.
Maintenance Tips/Owner Guide: Please read the attached Maintenance Tips/Owner Guide. Following these easy steps can help prevent unnecessary and avoidable expenses to the homeowner(s). Please initial here that you've received a copy of this document. (keep the maintenance tips/guide for your reference)

CIRCLE ONE CHOICE BELOW

Contract Verified (office use only)

Table with 4 columns: 1 YEAR (\$285), 2 YEAR (\$530), 3 YEAR (\$675), 2 YEAR INITIAL (Included in Installation). Includes text: Paid in Full at Sign Up, Non-Refundable, Does Not Include Additional Charges Noted Above. Homeowner(s) are NOT required to be present at inspections. They will receive phone call notification the day of service and a door hanger will be left if no one is home. Reports emailed/mailed within a few business days.

Acceptance of Maintenance Contract: The above prices, specifications, and conditions are satisfactory and are hereby accepted. MJ Septic is authorized to enter property to perform routine maintenance inspections as agreed. I have read and agree to the maintenance contract guidelines stated above and have also read and agree to comply with the Maintenance Tips/Owner Guide.

Accepted by Signature: Deborah Sprung Printed Name: Email:
Phone Numbers: (Home) (Mr. Cell) (Mrs. Cell) (Work)

Subdivision: # of Occupants in Home: Gate Codes/Combination Locks, etc. Biting Dogs:
(MJ Septic will assess a \$75 service fee if we are not notified of gate code changes, biting dogs, etc.)

MJ Central Texas Septic, LLC Authorized Signature: Stephanie E. Perez

Date:

ON-SITE SEWAGE FACILITY Soil Evaluation Report Information

Date Soil Survey Performed: 5/13/2019

Site Location: 735 Lantana Trace

Name of Site Evaluator: Hoyt Seidensticker Registration Number: OS0008771

Proposed Excavation Depth: n/a County: Comal

Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area.
 Location of soil boring or dug pits must be shown on the site drawing.
 For subsurface disposal, soil evaluation 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.
 Describe each soil horizon and identify any restrictive feature on the form. Indicate depths where features appear.

Soil Boring Number <u>1</u>						
Depth (feet)	Texture Class	Soil Structure	Gravel Analysis	Drainage (Redox Features/ Water Table)	Restrictive Horizon	Observations (color, consistence)
0	III	LOAM	<30%	none		BROWN
1						
2 <u>20 in</u>		rock				yes, rock
3						
4						
5						

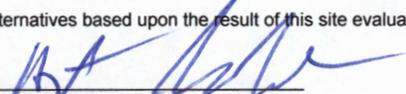
Soil Boring Number <u>2</u>						
Depth (feet)	Texture Class	Soil Structure	Gravel Analysis	Drainage (Redox Features/ Water Table)	Restrictive Horizon	Observations (color, consistence)
0	III	LOAM	<30%	none		BROWN
1						
2 <u>20 in</u>		rock				yes, rock
3						
4						
5						

Features of Site Area

- Presence of 100 year flood zone Yes No
- Presence of adjacent ponds, streams, water improvements Yes No
- Existing or proposed water well in nearby area Yes No
- Organized sewage service available to lot or tract Yes No
- Recharge feature within 150 feet Yes No

RECEIVED
MAY 22 2019
COUNTY ENGINEER

By my signature, I hereby certify that the information provided in this report is based on my site observations and are accurate to the best of my ability.
 I understand that any misrepresentation of the information contained in this report may be grounds to revoke or suspend my license. The site evaluation determined the site is suitable for a Spray Distribution disposal system with Aerobic treatment
 According to table XIII, the site is suitable for this proposed system. A copy of Tables IX and XIII have been given to the property owner to inform them of other alternatives based upon the result of this site evaluation


Signature of Site Evaluator

5/21/19
Date

ON-SITE SEWAGE FACILITY
Site Evaluation Report Information

Date: 5/16/2019

Site Evaluator Information:

Applicant Information:

Name: Joel and Deborah Spring

Address: 28903 Gracies Sky

City: San Antonio State: Texas Zip: 78260

Phone: 210-382-0474

Name: Hoyt Seidensticker

License # OS0008771 Expires 8/31/2020

Company: Land Stewardship Services, LLC

Address: 1822 FM 473

City: Boerne State: Texas Zip: 78006

Phone: (210) 414-6603 Fax: (830) 336-4697

Property Location:

Lot: 23 Block: 9 Sub.: Lantana Ridge, unit 9

Street/Road Address: 735 Lantana Trace

City: Spring Branch State: Texas Zip: 78070

Unincorporated Area? Y or N

Additional information _____

Installer information:

Name: Michael Long

License OS0023596

Company: MJ Central Texas Septic

Address: 27552 Old Blanco Road

City: SA State: Texas Zip: 78260

Phone: (210) 387-0025 Fax: _____

Schematic of Lot or Tract

Show:

- Compass North, adjacent streets, property lines, property lines, property dimensions, location of buildings, easements, water lines, and other surface improvements where known (drainage, patios, sidewalks).
- Location of existing or proposed water wells within 150 feet of property.
- Indicate slope or show contour lines from the structure to the farthest location of the proposed soil absorption or irrigation area.
- Location of soil borings or dug pits (show location with respect to a known reference point).
- Location of natural, constructed, or proposed drainage ways, (streams, ponds, lakes, rivers, high tide of salt water bodies) water impoundments areas, cut or fill bank, sharp slopes and breaks.

SITE DRAWING

Lot Size: _____ acres

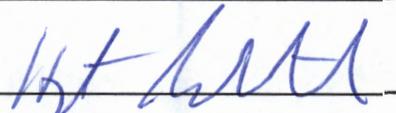
SEE ATTACHED

RECEIVED

MAY 22 2019

COUNTY ENGINEER

Signature of Site Evaluator



Site Evaluator License No: OS0008771

7/2/2019

5:30 PM

Aerobic with Spray
Distribution System

ON-SITE SEWAGE FACILITY DESIGN CRITERIA JOEL and Deborah SPRING

REVISED

8:44 am, Jul 03, 2019

*M/S
sep*

Property Information:

St. Address: 735 Lantana Trace
City: Spring Branch State: Texas
Zip code: 78070

Predicted Quantity of Sewage (Q)

Water Saving Devices in Home (y/n): yes
Gallons/day (Q): 310
Greywater included (yes/no): yes

Rate of Adsorption (Ra)

Application rate (g/sq. ft): 0.064
Minimum Adsorptive Area (sq. ft.): 4843.75

Aerobic Unit

Required size of aerobic unit: 480 gpd
Pretreatment Tank (gallons): 397
Class 1 Aerobic Unit: ProFlo 500 SLPT2
Pump tank total capacity (gal): 768
Chlorination: liquid chlorinator in pump tank
Pump Switch operation: Float
Dosing cycle quantity (gals): Varied
Cycling time: night time
Pump size and capacity: Sta-rite plus D series
20 gpm

House Information

garage sink house
Number of Bedrooms: 3
Sq. footage (Approx.): 3083
Water Supply: public
gallons per day 10 300

Supply Line from House

Length of supply line (approx. ft): 111
Type of supply line: SCH 40 PVC
Size of Supply line (in): 3 or 4

Supply Line For Spray Irrigation System

Length of supply line (approx. ft): 237
Type of supply line: Purple SCH 40
Size of supply line (in): 1

Disposal Area per this System

$\pi (33)^2/2 = 1709.73$
 $\pi (33)^2/2 = 1709.73$
 $\pi (33)^2/2 = 1709.73$
Total irrigated area (sq. ft.): 5129.19

All design criteria is in accordance with TCEQ, Title 30, TAC Chapter 285, Subchapter D, On-Site Sewage Facilities (Effective December 27, 2012). The above design was based on the best available information and should function properly under normal operating conditions.

All changes or modifications made to design must be approved by the below signed designer.

Hoyt Seidensticker

Hoyt Seidensticker, R.S. No. 3588

7/2/19

Date

Land Stewardship Services, LLC, 27115 Bent Trail, Boerne, Texas 78006

Cell (210) 414-6603,



Effective Immediately: If any change(s) are made that require a revision to this design, a \$75.00 fee will be assessed. This includes, but not limited to, change(s) in the house size, number of bedrooms, location of house or one type of system to another.

7/2/2019

5:30 PM

Aerobic with Spray
Distribution System

ON-SITE SEWAGE FACILITY DESIGN CRITERIA JOEL and Deborah SPRING

REVISED
8:44 am, Jul 03, 2019

Head Pressure

Elevation Head:	<u>4</u>
Pressure Head:	<u>92</u>
Friction Head:	<u>9.48</u>
Total head:	<u>105.5</u>

Sprinkler Head Information

K-Rain sprinkler head PROPLUS, low angle nozzle	
No. 3 @40psi	GPM: <u>3.1</u>
Number of sprinkler heads:	<u>3</u>
Gallons per minute:	<u>9.3</u>

A class 1 aerobic wastewater treatment unit, chlorination and spray distribution system will be designed for this location. Wastewater from the residence will flow to a pretreatment/trash tank, then to the treatment unit. Treated effluent will be disinfected by a NG 300 V Chlorine Dispenser Unit in the pump tank, before being disposed of through above ground sprinkler heads. All warning systems shall be installed with the aerobic unit

Land acceptable for surface application shall have a flat terrain (with less than or equal to 15% slope). Sloped land (with greater than 15% slope) may be acceptable if it is properly landscaped and terraced to minimize runoff. There shall be nothing in the surface application area within ten feet of the sprinkler which would interfere with the uniform application of the effluent.

Areas that rock is exposed must be covered with a suitable amount of material acceptable to the inspecting authority. Areas that are bare or have been disturbed must be seeded or sodded with a mixture of rye and bermuda grasses or other grass species prior to system operation.

A maintenance contract for the entire system must be established at time of installation with someone holding a license to maintain the installed aerobic system.

At every inspection a Total Chlorine Residual test must be conducted and must be a minimum acceptable test of .1 mg/l residual in Pump Tank.

All design criteria is in accordance with TCEQ, Title 30, TAC Chapter 285, Subchapter D, On-Site Sewage Facilities (Effective December 27, 2012). The above design was based on the best available information and should function properly under normal operating conditions. All changes or modifications made to design must be approved by the below signed designer.

Hoyt Seidensticker

Hoyt Seidensticker, R.S. No. 3588

Land Stewardship Services, LLC, 27115 Bent Trail, Boerne, Texas 78006

Cell (210) 414-6603,

7-2-19

Date



Site Map

REVISED
8:14 am, Jul 29, 2019

Scale 1"=50'

Aerobic with Spray distribution System

Joel and Deborah Spring

Lot: 23

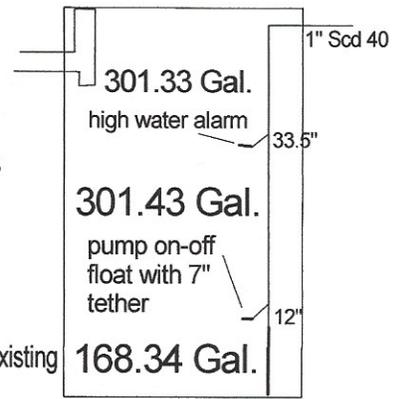
Lantana Ridge Subdivision Unit 9

735 Lantana Trace

Spring Branch, Texas 78070

Comal County

100 yr flood plain does not exist on this tract



109184

This design complies with all provisions of the existing Contributing Zone Plan and their is not a recharge feature within 150' of the proposed septic system.

I hereby request a variance to the 20 foot setback to property lines as required by Comal County Order to a 10' setback to property lines as required by TCEQ, Chapter 285 and equivalent protection will be maintained by adding a battery backup to the timer clock or photo cell activated timer 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.

Surface application should be done between the hours of 12:00 midnight and 5:00 a.m.

There shall be nothing in the surface application area within ten feet of the sprinkler which would interfere with the uniform application of the effluent

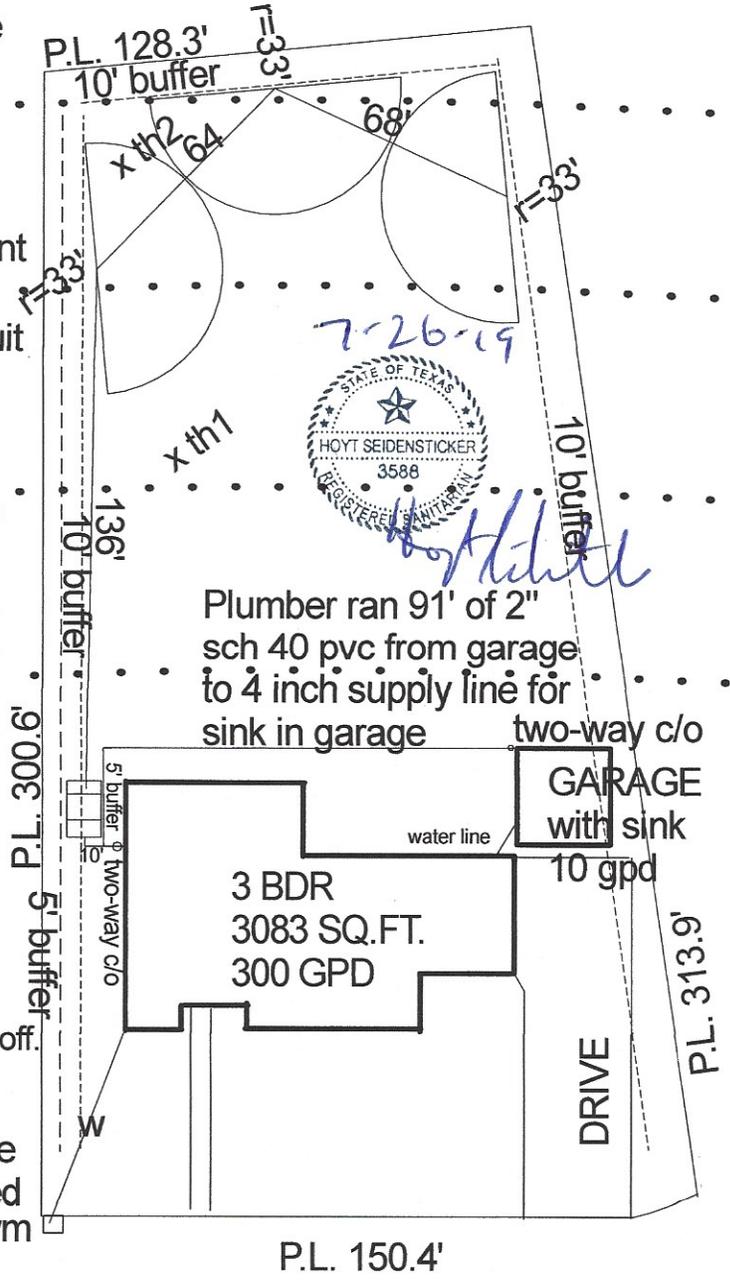
All external electrical lines must be in gray conduit location of sprinkler heads may be adjusted in field to avoid obstacles

Risers must be permanently fastened to the tank lid or cast into the tank The connection between the riser and the tank lid must be watertight. Risers must be fitted with removable watertight caps and protected against unauthorized intrusions by either a padlock, a cover that can be removed with specialized tools, a cover having a minimum net weight of 29.5 kilograms (65 pounds) set into a recess of the tank lid, or any other means approved by the executive director.

ProFlo 500 SLPT2 500 gpd
Aerobic Unit with Econo-Chlor
Model 200-1500 Chlorine Dispenser

Land acceptable for surface application shall have a flat terrain (less than to equal to 15% slope). Sloped land (with greater than 15% slope) may be acceptable if it is properly landscaped and terraced to minimize runoff.

Areas that rock is exposed must be covered with a suitable amount of material. Areas that are bare or have been disturbed must be seeded or sodded with a mixture of rye and bermuda grasses or other grass species prior to system operation.

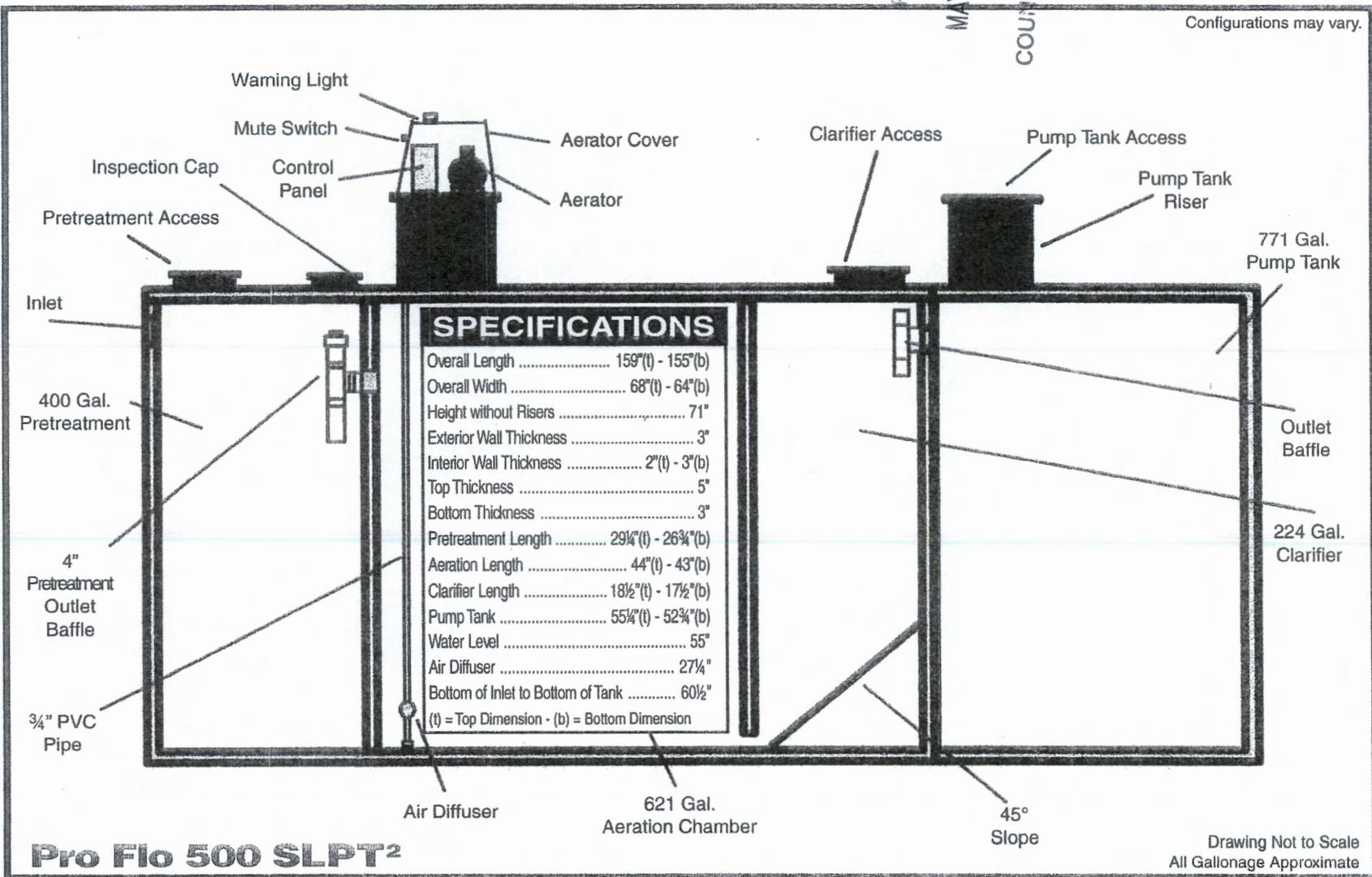


735 LANTANA TRACE

RECEIVED
MAY 22 2019
COUNTY ENGINEER

Configurations may vary.

Pro Flo 500 SLPT² System Diagram



Pro Flo 500 SLPT²

Drawing Not to Scale
All Gallonage Approximate

PROPLUS™

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

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

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

MODELS

- 11003** ProPlus
- 11003-HP** ProPlus 12" High Pop
- 11003-SH** ProPlus Shrub Head

OTHER OPTIONS: ADD TO PART NUMBER

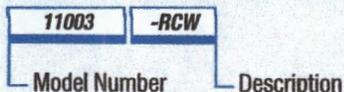
- CV** Check Valve
- LA** Low Angle Nozzle
- NN** No Nozzle
- RCW** ProPlus for Reclaimed Water w/Low Angle Nozzle

EASY ARC SETTING

Arc Selection 40° to Continuous 360°
Adjust From Left Start



HOW TO SPECIFY



K-Rain Manufacturing Corp.
1640 Australian Avenue
Riviera Beach, FL 33404 USA
+1 561 844-1002
FAX: +1 561 842-9493

1.800.735.7246 | www.krain.com

SPECIFICATIONS

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

RECEIVED
MAY 22 2019

COUNTY ENGINEER

PERFORMANCE DATA

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

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

LOW ANGLE DATA

NOZZLES	PRESSURE PSI	RADIUS FT.	FLOW GPM
#1	30	22'	1.2
	40	24'	1.7
	50	26'	1.8
	60	28'	2.0
#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

METRIC

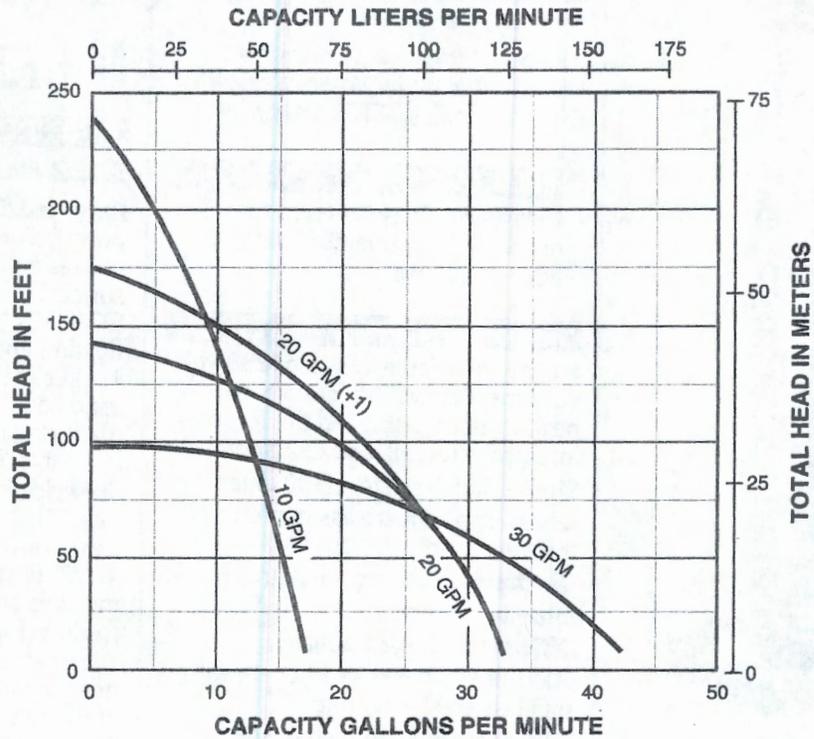
NOZZLES	PRESSURE KPA	RADIUS METERS	FLOW L/M	FLOW M3/H	
#1	207	2.04	6.71	4.54	.27
	275	2.72	7.32	6.43	.39
	344	3.40	7.92	6.80	.41
	413	4.08	8.53	7.56	.46
#3	207	2.04	8.84	11.34	.68
	275	2.72	9.75	11.72	.71
	344	3.40	10.67	13.23	.80
	413	4.08	11.58	14.36	.87
#4	207	2.04	9.45	12.85	.78
	275	2.72	10.36	14.74	.89
	344	3.40	11.28	16.63	1.00
	413	4.08	11.58	17.77	1.07
#6	275	2.72	11.58	24.57	1.48
	344	3.40	12.19	27.59	1.76
	413	4.08	12.80	30.24	1.82
	482	4.76	13.41	32.51	1.96

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



4" multi-stage submersible pump

PUMP PERFORMANCE



RECEIVED
MAY 22 2019
COUNTY ENGINEER

PUMP PERFORMANCE (Capacity in Gallons per Minute)

Pump Model	Flow Rate (GPM)	PSI											
		0	10	20	30	40	50	60	70	80	90	100	110
10DOM05221	10			15.0	13.7	12.7	11.5	10.2	8.4	6.5	4.3	1.0	
10DOM05121	10			15.0	13.7	12.7	11.5	10.2	8.4	6.5	4.3	1.0	
20DOM05221	20			30.0	26.0	21.5	14.2	4.4					
20DOM05121	20			30.0	26.0	21.5	14.2	4.4					
30DOM05221	30		38.5	33.3	25.8	16							
30DOM05121	30		38.5	33.3	25.8	16							
20DOM05221+1	20 + 1			30	27.5	24	20	13.5	6				
20DOM05121+1	20 + 1			30	27.5	24	20	13.5	6				

PUMP PERFORMANCE (Capacity in Liters per Minute)

Pump Model	Flow Rate (LPM)	Bar											
		0	.69	1.38	2.07	2.76	3.45	4.13	4.82	5.51	6.20	6.89	7.58
10DOM05221	37.85		56.8	51.9	48.1	43.5	38.6	31.8	24.6	16.3	3.8		
10DOM05121	37.85		56.8	51.9	48.1	43.5	38.6	31.8	24.6	16.3	3.8		
20DOM05221	75.7		113.6	98.4	81.4	53.7	16.7						
20DOM05121	75.7		113.6	98.4	81.4	53.7	16.7						
30DOM05221	113.55	145.7	126.0	97.7	60.6								
30DOM05121	113.55	145.7	126.0	97.7	60.6								
20DOM05221+1	75.7 + 1			113.4	103.9	90.7	75.6	51.0	22.6				
20DOM05121+1	75.7 + 1			113.4	103.9	90.7	75.6	51.0	22.6				

Hernandez, Sandra

From: Hernandez, Sandra
Sent: Wednesday, July 3, 2019 8:52 AM
To: 'hoyt@gvtc.com'; 'Yvonne Maxwell'
Cc: 'STEPHANIE PEREZ'; 'Yvonne Maxwell'
Subject: RE: permit 109184 - 735 Lantana Trace
Attachments: Pages from 109184.pdf

Hoyt,

We received revised planning materials yesterday, but found those revisions to be deficient. The following information is still needed:

1.  Show the waterline connection to the garage.
2.  Include the garage with sink on the permit application.
3. Revise accordingly and resubmit

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

Thank you,
Sandra

From: hoyt@gvtc.com <hoyt@gvtc.com>
Sent: Tuesday, July 2, 2019 5:43 PM
To: 'Yvonne Maxwell' <Yvonne@mjseptic.com>; Ritzen, Brenda <rabbjr@co.comal.tx.us>
Cc: Hernandez, Sandra <rabsah@co.comal.tx.us>; 'STEPHANIE PEREZ' <mjseptic@mjseptic.com>; 'Yvonne Maxwell' <Yvonne@mjseptic.com>
Subject: permit 109184 - 735 Lantana Trace

Here is the as built for this permit number

Hoyt

REVISED

11:13 am, May 29, 2019

COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***

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

VOID

Date 5/13/19 Permit # 109184

Owner Name Joel Springs + Deborah Springs Agent Name Bobby Baillio

Mailing Address 28903 Gracies Str Agent Address 28088 Verde Mountain Trail

City, State, Zip San Antonio, TX 78260 City, State, Zip San Antonio, TX 78261

Phone # 210 382 0474 Phone # 432-296-6767

Email JSprings@rxdesign.com Email bbaillio@110@1@gmail.com

All correspondence should be sent to: [] Owner [X] Agent [] Both Method: [] Mail [X] Email

Subdivision Name Lantana Ridge Unit 9 Lot 23 Block

Acreage/Legal Street Name/Address 735 Lantana Trace City Spring Branch Zip

Type of Development:

VOID

[X] Single Family Residential Type of Construction (House, Mobile, RV, Etc.) House Number of Bedrooms 3 Indicate Sq Ft of Living Area 3083

[] 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 [X] No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water [X] Public [] Private Well

VOID

Are Water Saving Devices Being Utilized Within the [] Yes [] No

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.
- Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities..
- I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Owner

Date 5.13.19

Site Map

Aerobic with Spray d

Joel and Deborah Spring

Lot: 23

Lantana Ridge Subdivision Unit 9

735 Lantana Trace

Spring Branch, Texas 78070

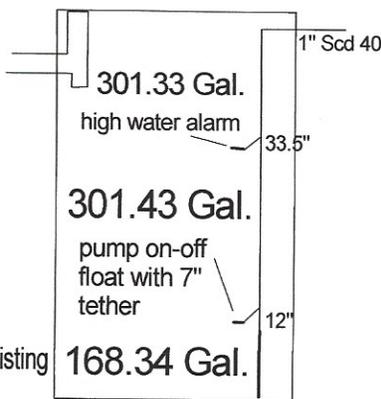
Comal County

Scale 1"=50'

VOID

100 yr flood plain does not exist on this tract

REVISED
8:44 am, Jul 03, 2019



This design complies with all provisions of the existing Contributing Zone Plan and their is not a recharge feature within 150' of the proposed septic system.

I hereby request a variance to the 20 foot setback to property lines as required by Comal County Order to a 10' setback to property lines as required by TCEQ, Chapter 285 and equivalent protection will be maintained by adding a battery backup to the timer clock or photo cell activated timer 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.



Surface application should be done between the hours of 12:00 midnight and 5:00 a.m.

There shall be nothing in the surface application area within ten feet of the sprinkler which would interfere with the uniform application

VOID

All external electrical lines must be in gray conduit

location of sprinkler heads may be adjusted in field to avoid obstacles

ProFlo 500 SLPT2 500 gpd
Aerobic Unit with Econo-Chlor
Model 200-1500 Chlorine Dispenser

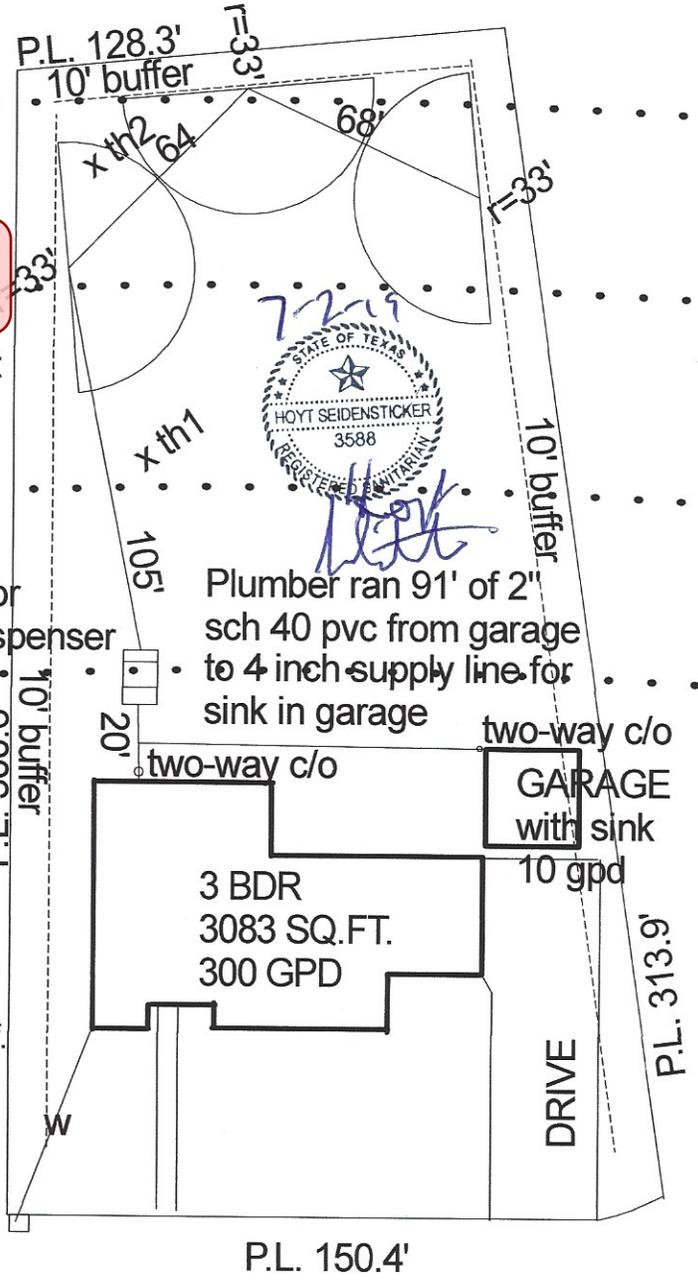
Plumber ran 91' of 2" sch 40 pvc from garage to 4 inch supply line for sink in garage

Risers must be permanently fastened to the tank lid or cast into the tank. The connection between the riser and the tank lid must be watertight. Risers must be fitted with removable watertight caps and protected against unauthorized intrusions by either a padlock, a cover that can be removed with specialized tools, a cover having a minimum net weight of 29.5 kilograms (65 pounds) set into a recess of the tank lid, or any other means approved by the executive director.

Land acceptable for surface application shall have a flat terrain (less than to equal to 15% slope). Sloped land (with greater than 15% slope) may be acceptable if it is properly landscaped and terraced to minimize runoff.

Areas that rock is exposed must be covered with a suitable amount of material. Areas that are bare or have been disturbed must be seeded or sodded with a mixture of rye and bermud or other grass species prior to system operation.

VOID



735 LANTANA TRACE

*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

VOID

Planning Materials & Site Evaluation as Required Completed By Hoyt Seidensticker

System Description Aerobic with Spray Distribution

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

Tank Size(s) (Gallons) 500 GPD Unit Absorption/Application Area (Sq Ft) 4823.04

Gallons Per Day (As Per TCEQ Table III) 300

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

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

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.)) **RECEIVED**
MAY 22 2019

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.) **COUNTY ENGINEER**

VOID

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

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

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

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

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

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

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

Is this property within an incorporated city? Yes No

If yes, indicate the city: _____

VOID



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]
Signature of Designer

5.13.19
Date

5/21/2019

1:12 PM

Aerobic with Spray
Distribution System

ON-SITE SEWAGE FACILITY

DESIGN CRITERIA

JOEL and Deborah SPRING

VOID

Property Information:

St. Address: 735 Lantana Trace
City: Spring Branch State: Texas
Zip code: 78070

House Information

Number of Bedrooms: 3
Sq. footage (Approx.): 3083
Water Supply: public

Predicted Quantity of Sewage (Q)

Water Saving Devices in Home (y/n): yes
Gallons/day (Q): 300
Greywater included (yes/no): yes

Supply Line from House

Length of supply line (approx. ft): 20
Type of supply line: SCH 40 PVC
Size of Supply line (in): 3 or 4

Rate of Adsorption (Ra)

Application rate (g/sq. ft): 0.064
Minimum Adsorptive Area (sq. ft.): 4687.5

Supply Line For Spray Irrigation System

Length of supply line (approx. ft): 237
Type of supply line: Purple SCH 40
Size of supply line (in): 1

Aerobic Unit

Required size of aerobic unit: 480 gpd
Pretreatment Tank (gallons): 397
Class 1 Aerobic Unit: ProFlo 500 SLPT2
Pump tank total capacity (gal): 768
Chlorination: liquid chlorinator in pump tank
Pump Switch operation: Float
Dosing cycle quantity (gals): Varied
Cycling time: night time
Pump size and capacity: Sta-rite plus D series
20 gpm

Disposal Area per this System

$\pi (32)^2/2 = 1607.68$
 $\pi (32)^2/2 = 1607.68$
 $\pi (32)^2/2 = 1607.68$
Total irrigated area (sq. ft.): 4823.04

VOID

RECEIVED
MAY 22 2019

COUNTY ENGINEER
1607.68

All design criteria is in accordance with TCEQ, Title 30, TAC Chapter 285, Subchapter D, On-Site Sewage Facilities (Effective December 27, 2012). The above design was based on the best available information and should function properly under normal operating conditions.

All changes or modifications made to design must be approved by the below signed designer.

VOID

Hoyt Seidensticker

Hoyt Seidensticker, R.S. No. 3588

5-21-19

Date

Land Stewardship Services, LLC, 27115 Bent Trail, Boerne, Texas 78006

Cell (210) 414-6603,



Effective Immediately: If any change(s) are made that require a revision to this design, a \$75.00 fee will be assessed. This includes, but not limited to, change(s) in the house size, number of bedrooms, location of house or one type of system to another.

5/21/2019

1:12 PM

Aerobic with Spray
Distribution System

ON-SITE SEWAGE FACILITY

DESIGN CRITERIA JOEL and Deborah SPRING

VOID

Head Pressure

Elevation Head:	<u>4</u>
Pressure Head:	<u>92</u>
Friction Head:	<u>9.48</u>
Total head:	<u>105.5</u>

Sprinkler Head Information

K-Rain sprinkler head PROPLUS,
low angle nozzle

No. 3 @40psi	GPM:	<u>3.1</u>
Number of sprinkler heads:		<u>3</u>
Gallons per minute:		<u>9.3</u>

A class 1 aerobic wastewater treatment unit, chlorination and spray distribution system will be designed for this location. Wastewater from the residence will flow to a pretreatment/trash tank, then to the treatment unit. Treated effluent will be disinfected by a NG 300 V Chlorine Dispenser Unit in the pump tank, before being disposed of through above ground sprinkler heads. All warning systems shall be installed with the aerobic unit

RECEIVED
MAY 22 2019

Land acceptable for surface application shall have a flat terrain (with less than or equal to 15% slope). Sloped land (with greater than 15% slope) shall be acceptable if it is properly landscaped and terraced to minimize runoff. There shall be nothing in the surface application area within ten feet of the sprinkler which would interfere with the uniform application of the effluent.

VOID

COUNTY ENGINEER

Areas that rock is exposed must be covered with a suitable amount of material acceptable to the inspecting authority. Areas that are bare or have been disturbed must be seeded or sodded with a mixture of rye and bermuda grasses or other grass species prior to system operation.

A maintenance contract for the entire system must be established at time of installation with someone holding a license to maintain the installed aerobic system.

At every inspection a Total Chlorine Residual test must be conducted and must be a minimum acceptable test of .1 mg/l residual in Pump Tank.

All design criteria is in accordance with TCEQ, Title 30, TAC Chapter 285, Subchapter D, On-Site Sewage Facilities (Effective December 27, 2012). The above design was based on the best available information and should function properly under normal operating conditions. All changes or modifications made to design must be approved by the below signed designer.

VOID

Hoyt Seidensticker, R.S. No. 3588
Land Stewardship Services, LLC, 27115 Bent Trail, Boerne, Texas 78006
Cell (210) 414-6603,

5-21-19

Date



Site Map

Scale 1"=50'

Aerobic with Spray distribution System

Joel and Deborah Spring

Lot: 23

Lantana Ridge Subdivision Unit 9

735 Lantana Trace

Spring Branch, Texas 78070

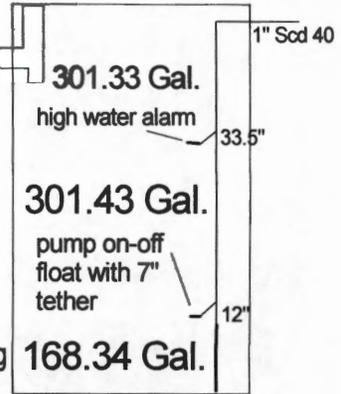
Comal County

VOID

RECEIVED

MAY 22 2019

COUNTY ENGINEER



This design complies with all provisions of the existing Contributing Zone Plan and there is not a recharge feature within 150' of the proposed septic system.

I hereby request a variance to the 20 foot setback to property lines as required by Comal County Order to a 10' setback to property lines as required by TCEQ, Chapter 285 and equivalent protection will be maintained by adding a battery backup to the timer clock or photo cell activated timer 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.



Surface application should be done between the hours of 12:00 midnight and 5:00 a.m.

There shall be nothing in the surface application area within ten feet of the sprinkler which would interfere with the uniform application of the effluent

All external electrical lines must be in gray conduit

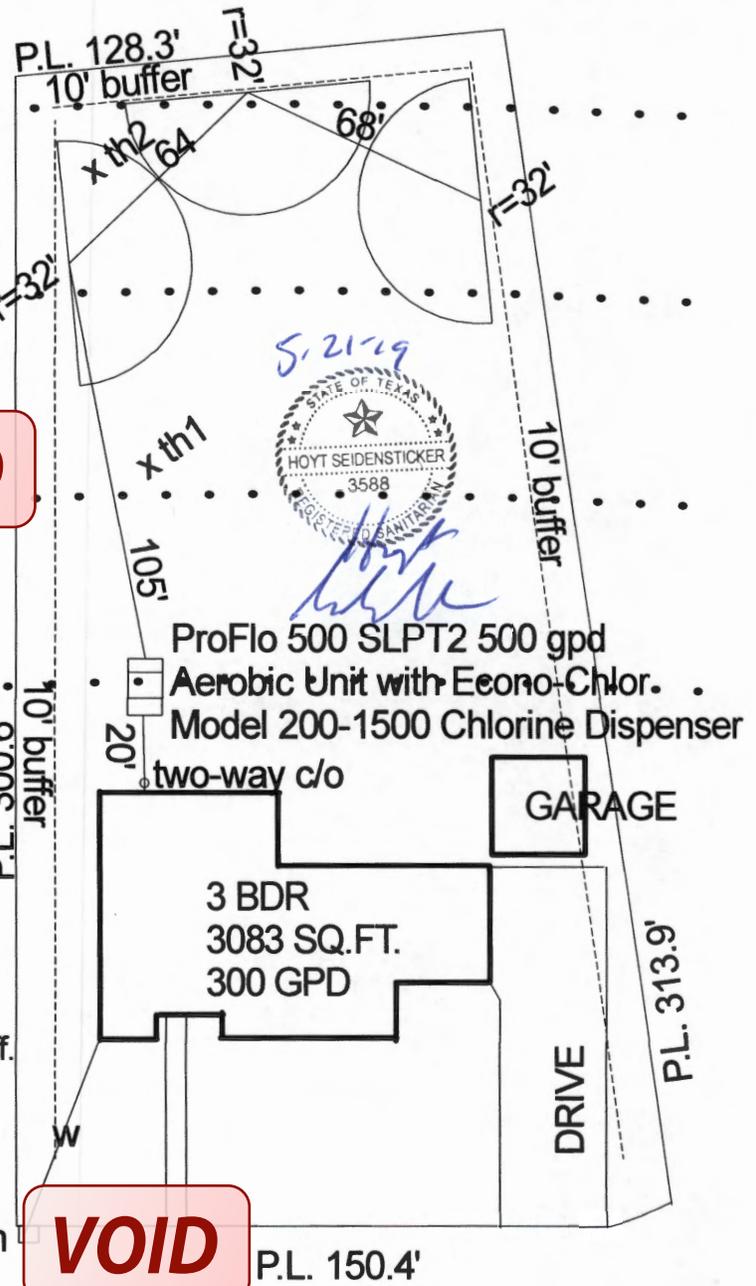
location of sprinkler heads may be adjusted in field to avoid obstacles

100 yr flood plain does not exist on this tract

Risers must be permanently fastened to the tank lid or cast into the tank. The connection between the riser and the tank lid must be watertight. Risers must be fitted with removable watertight caps and protected against unauthorized intrusions by either a padlock, a cover that can be removed with specialized tools, a cover having a minimum net weight of 29.5 kilograms (65 pounds) set into a recess of the tank lid, or any other means approved by the executive director.

Land acceptable for surface application shall have a flat terrain (less than to equal to 15% slope). Sloped land (with greater than 15% slope) may be acceptable if it is properly landscaped and terraced to minimize runoff.

Areas that rock is exposed must be covered with a suitable amount of material. Areas that are bare or have been disturbed must be seeded or sodded with a mixture of rye and bermuda grasses or other grass species prior to system operation.



VOID

VOID

735 LANTANA TRACE

Hernandez, Sandra

From: Hernandez, Sandra
Sent: Tuesday, May 28, 2019 4:11 PM
To: 'bbaillio01@gmail.com'
Subject: 109184 deficiency comment

RE: Lantana Ridge, Unit 9. Lot 23

Dear property owner,

We received planning materials for the referenced permit application on May 22, 2019 and found those planning materials to be deficient. In order to continue processing this permit, we need the following information:

 Add Deborah's name to the permit application and resubmit to our office.

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

Thank you,

*Sandra Ann Hernandez
Environmental Health Asst.
Comal County Engineer's Office
cceo.org
830-608-2090 (Ext. 3156)*

*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Date 5/13/19 **VOID** Permit # 109184
Owner Name Joel Spring Agent Name Bobby Baillio
Mailing Address 28903 Gracies Str Agent Address 28088 Verde Mountain Trail
City, State, Zip San Antonio, TX 78260 City, State, Zip San Antonio, TX 78261
Phone # 210 382 0474 Phone # 432-296-6767
Email Jspring@rxdesign.com Email bbai11io@1@gmail.com

All correspondence should be sent to: Owner Agent Both Method: Mail Email

Subdivision Name Lantana Ridge Unit 9 Lot 23 Block _____
Acreage/Legal _____
Street Name/Address 735 Lantana Trace City Spring Branch Zip _____

Type of Development:

Single Family Residential
Type of Construction (House, Mobile, RV, Etc.) House
Number of Bedrooms 3
Indicate Sq Ft of Living Area 3083 **VOID**

RECEIVED
MAY 22 2019
COUNTY ENGINEER

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

Are Water Saving Devices Being Utilized Within the Residence? Yes No

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.
- Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities..
- I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

VOID

[Signature]
Signature of Owner

5.13.19
Date

CHICAGO TITLE GF# 4300111802145-R5

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

General Warranty Deed

Date: October 30, 2018

Grantor: KAMP KANE INVESTMENTS, INC., a Texas corporation

Grantor's Mailing Address:

18618 Tuscany Stone, Suite 210
San Antonio, TX 78258
Bexar County

Grantee: JOEL SPRING and DEBORAH L. SPRING

Grantee's Mailing Address:

28903 Gracies Sky
San Antonio, TX 78260
Bexar County

RECEIVED

MAY 22 2019

COUNTY

Consideration:

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

Property (including any improvements):

Lot 23, Lantana Ridge Unit Nine, situated in Comal County, Texas, according to the plat thereof recorded in Document No. 201706036839, Map and Plat Records, Comal County, Texas.

Reservations from and 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, and subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantee 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.

GRANTEE IS TAKING THE PROPERTY IN AN ARM'S-LENGTH AGREEMENT BETWEEN THE PARTIES. THE CONSIDERATION WAS BARGAINED ON THE BASIS OF AN "AS IS" TRANSACTION AND REFLECTS THE AGREEMENT OF THE PARTIES THAT THERE ARE NO REPRESENTATIONS OR EXPRESS OR IMPLIED WARRANTIES.

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

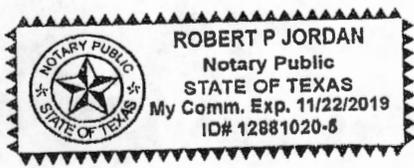
GRANTOR:
KAMP KANE INVESTMENTS, INC., a Texas corporation

By: *[Signature]*
PHILLIP E. LIETZ, II
Its: Vice President

STATE OF TEXAS)
COUNTY OF BEXAR)

RECEIVED
MAY 22 2019

This instrument was acknowledged before me on October 30, 2018, by PHILLIP E. LIETZ, II, Vice President of KAMP KANE INVESTMENTS, INC., a Texas corporation on behalf of said corporation.



[Signature]
Notary Public, State of Texas
My commission expires: _____

AFTER RECORDING RETURN TO:
JOEL SPRING and DEBBIE SPRING
28903 Gracils Sky
San Antonio, TX 78260
GF: 4300111802145

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
10/31/2018 03:18:09 PM
LAURA 2 Pages(s)
201806042486

 *Bobbie Koepp*

OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded

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

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

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

Required Permit Fee - See Attached Fee Schedule

Copy of Recorded Deed

Surface Application/Aerobic Treatment System

Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public

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

RECEIVED
MAY 22 2019

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



Signature of Applicant

5.13.19

Date

___ COMPLETE APPLICATION	
Check No. _____	Receipt No. _____

___ INCOMPLETE APPLICATION
(Missing Items Circled, Application Refused)

MJ Septic, LLC
27552 Old Blanco Road
San Antonio, TX 78260

Phone: (210) 875-3625

www.mjseptic.com mjseptic@mjseptic.com

To: **Joel & Deborah Spring**
735 Lantana Trace
Spring Branch, TX 78070

Printed: 11/15/2019
Site: 735 Lantana Trace
Spring Branch, TX 78070
(210) 382-0474

Permit #: **109184**
Agency: Comal County Environmental Health
County: Comal Sub: Lantana Ridge
Mfg / Brand: Pro Flo Aerobic Systems, LP - Pro Flo Aerobic Systems, LP
Treatment Type: Aerobic
Disposal: Surface Application

Customer ID: 5289
Contract Dates: 7/25/2019 - 7/25/2021
Scheduled Date: 11/25/2019 Inspection 1 of 6

Service Type: Scheduled Inspection

Visit Date: 11/12/2019 Time In: 1:57pm

Method: Other

Technician: Manuel Guerrero

Maint. Provider: Michael J. Long

This counts as a type of "Scheduled Inspection"

Entered By: Adela Shapiro

Copy emailed to Customer
Customer Emailed: 11/13/2019

Copy emailed to the Agency
Agency Emailed: 11/15/2019

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 0-1

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Odor: Good

Alarm: Operational

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location.
- *Septic tank cleaning is recommended between 10 and 12 inches of sludge in the pump tank (tank 1) or unless otherwise recommended by technician for other reasons such as full trash tank, etc.*
- *This inspection report is not valid for any real estate transactions* - Copy emailed to the customer on 11/13/2019.

Insp ID #:28574

Provider: Michael J. Long

License #: MP0001294

Expires: 8/31/2022

MJ Septic, LLC
27552 Old Blanco Road
San Antonio, TX 78260

Phone: (210) 875-3625

www.mjseptic.com mjseptic@mjseptic.com

To: Joel & Deborah Spring
735 Lantana Trace
Spring Branch, TX 78070

Printed: 3/19/2020
Site: 735 Lantana Trace
Spring Branch, TX 78070
(210) 382-0474

Permit #: **109184**

Agency: Comal County Environmental Health
County: Comal Sub: Lantana Ridge
Mfg / Brand: Pro Flo Aerobic Systems, LP - Pro Flo Aerobic Systems, LP
Treatment Type: Aerobic
Disposal: Surface Application

Customer ID: 5289
Contract Dates: 7/25/2019 - 7/25/2021
Scheduled Date: 3/25/2020 Inspection 2 of 6

Service Type: Scheduled Inspection

Visit Date: **3/13/2020**

Time In: 1:25p

Method: **Other**

Technician: Manuel Guerrero

Maint. Provider: Michael J. Long

This counts as a type of "Scheduled Inspection"

Entered By: **Dolores Castaneda**

- Copy emailed to Customer
Customer Emailed: 3/16/2020
- Copy emailed to the Agency
Agency Emailed: 3/19/2020

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 0-1

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Problem Indicated

Alarm: Operational

Service Completed

Comments

- Technician Secured the Tank Lid and/or Riser prior to leaving location.
- *Septic tank cleaning is recommended between 10 and 12 inches of sludge in the pump tank (tank 1) or unless otherwise recommended by technician for other reasons such as full trash tank, etc.*
- *This inspection report is not valid for any real estate transactions*
- Technician noted that there was a problem or issue with this Scheduled Inspection.
- Please treat for ants, they will mound inside/around the air compressor and will ruin the electrical and void any warranties. - Copy emailed to the customer on 3/16/2020.

Insp ID #: 30736

Provider: *Michael J. Long*

License #: MP0001294

Expires: 8/31/2022

MJ Septic, LLC
27552 Old Blanco Road
San Antonio, TX 78260

Phone: (210) 875-3625

www.mjseptic.com mjseptic@mjseptic.com

To: **Joel & Deborah Spring**
735 Lantana Trace
Spring Branch, TX 78070

Printed: 7/17/2020
Site: 735 Lantana Trace
Spring Branch, TX 78070
(210) 382-0474

Permit #: **109184**

Agency: Comal County Environmental Health
County: Comal Sub: Lantana Ridge
Mfg / Brand: Pro Flo Aerobic Systems, LP - Pro Flo Aerobic Systems, LP
Treatment Type: Aerobic
Disposal: Surface Application

Customer ID: 5289
Contract Dates: 7/25/2019 - 7/25/2021
Scheduled Date: 7/25/2020 Inspection 3 of 6

Service Type: Scheduled Inspection

Visit Date: 7/13/2020 Time In: 2:16pm

Method: Other

Technician: Manuel Guerrero

Maint. Provider: Michael J. Long

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 2

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Odor: Good

Alarm: Operational

Comments

- Technician Secured the Tank Lid and/or Riser prior to leaving location.
- *Septic tank cleaning is recommended between 10 and 12 inches of sludge in the pump tank (tank 1) or unless otherwise recommended by technician for other reasons such as full trash tank, etc.*
- *This inspection report is not valid for any real estate transactions* - Copy emailed to the customer on 7/13/2020.

Service Completed

Insp ID #: 32777

Provider: Michael J. Long

License Info: MP0001294 Expires: 8/31/2022

MJ Septic, LLC
27552 Old Blanco Road
San Antonio, TX 78260

Phone: (210) 875-3625

www.mjseptic.com mjseptic@mjseptic.com

To: **Joel & Deborah Spring**
735 Lantana Trace
Spring Branch, TX 78070

Printed: 11/20/2020
Site: 735 Lantana Trace
Spring Branch, TX 78070
(210) 382-0474

Permit #: **109184**

Agency: Comal County Environmental Health
County: Comal Sub: Lantana Ridge
Mfg / Brand: Pro Flo Aerobic Systems, LP - Pro Flo Aerobic Systems, LP
Treatment Type: Aerobic
Disposal: Surface Application

Customer ID: 5289
Contract Dates: 7/25/2019 - 7/25/2021
Scheduled Date: 11/25/2020 Inspection 4 of 6

Service Type: Scheduled Inspection

Visit Date: **11/16/2020**

Time In: 5:30pm

Method: **Other**

Technician: Manuel Guerrero

Maint. Provider: Michael J. Long

This counts as a type of "Scheduled Inspection"

Entered By: Ashley Nicole Larcom

- Copy emailed to Customer
Customer Emailed: 11/17/2020
- Copy emailed to the Agency
Agency Emailed: 11/20/2020

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 0-1

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Odor: Good

Alarm: Operational

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location.
- *Septic tank cleaning is recommended between 10 and 12 inches of sludge in the pump tank (tank 1) or unless otherwise recommended by technician for other reasons such as full trash tank, etc.*
- *This inspection report is not valid for any real estate transactions* - Copy emailed to the customer on 11/17/2020.

Insp ID #:34874

Provider: *Michael J. Long*

License Info: MP0001294 Expires: 8/31/2022

MJ Septic, LLC
27552 Old Blanco Road
San Antonio, TX 78260

Phone: (210) 875-3625

www.mjseptic.com mjseptic@mjseptic.com

To: **Joel & Deborah Spring**
735 Lantana Trace
Spring Branch, TX 78070

Printed: 4/5/2021
Site: 735 Lantana Trace
Spring Branch, TX 78070
(210) 382-0474

Permit #: **109184**

Agency: Comal County Environmental Health
County: Comal Sub: Lantana Ridge
Mfg / Brand: Pro Flo Aerobic Systems, LP - Pro Flo Aerobic Systems, LP
Treatment Type: Aerobic
Disposal: Surface Application

Customer ID: 5289
Contract Dates: 7/25/2019 - 7/25/2021
Scheduled Date: 3/25/2021 Inspection 5 of 6

Service Type: Scheduled Inspection

Visit Date: 3/1/2021

Time In: 3:53

Method: Other

Technician: Manuel Guerrero

Maint. Provider: Michael J. Long

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1 mg/L

Sludge Levels

For Tank 1: 0-1

This counts as a type of "Scheduled Inspection"

Entered By: Brianna Perez

Copy emailed to Customer

Customer Emailed: 3/2/2021

Copy emailed to the Agency

Agency Emailed: 4/5/2021

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

- *Septic tank cleaning is recommended between 10 and 12 inches of sludge in the pump tank (tank 1) or unless otherwise recommended by technician for other reasons such as full trash tank, etc.* - *This inspection report is not valid for any real estate transactions* - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 3/2/2021.

Insp ID #:36640

Provider: *Michael J. Long*

License Info: MP0001294 Expires: 8/31/2022

MJ Septic, LLC
27552 Old Blanco Road
San Antonio, TX 78260

Phone: (210) 875-3625

www.mjseptic.com mjseptic@mjseptic.com

To: **Joel & Deborah Spring**
735 Lantana Trace
Spring Branch, TX 78070

Printed: 7/30/2021
Site: 735 Lantana Trace
Spring Branch, TX 78070
(210) 382-0474

Permit #: **109184**

Agency: Comal County Environmental Health

County: Comal

Sub: Lantana Ridge

Mfg / Brand: Pro Flo Aerobic Systems, LP - Pro Flo Aerobic Systems, LP

Treatment Type: Aerobic

Disposal: Surface Application

Customer ID: 5289

Contract Dates: 7/25/2019 - 7/25/2021

Scheduled Date: 7/25/2021

Inspection 6 of 6

Service Type: Scheduled Inspection

Visit Date: 7/16/2021

Time In: 4:15 pm

Method: Other

Technician: Manuel Guerrero

Maint. Provider: Michael J. Long

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 4"

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

- ***This was your FINAL inspection for your current contract, please call (210) 875-3625 to renew your contract, to stay in compliance***

- *Septic tank cleaning is recommended between 10 and 12 inches of sludge in the pump tank (tank 1) or unless otherwise recommended by technician for other reasons such as full trash tank, etc.* - *This inspection report is not valid for any real estate transactions* - Tech reset your timer. - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 7/26/2021.

Insp ID #:39191

Provider: *Michael J. Long*

License Info: MP0001294 Expires: 8/31/2022