



COMAL COUNTY

ENGINEER'S OFFICE

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: **02/24/2020** Permit Number: **109696**

Location Description: 1462 GREENHILL DR
CANYON LAKE, TX 78133

Subdivision: Canyon Lake Hills
Unit: 2
Lot: 916
Block:
Acreage:

Type of System: Aerobic
Drip Irrigation

Issued to: Jaime Aguilera & Teresa M. Chaparro

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.

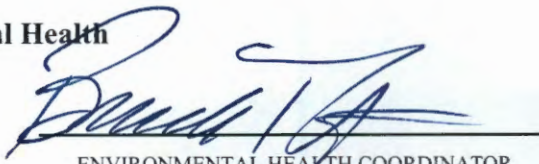
This license to operate is valid for an indefinite period. The holder may transfer it to a succeeding owner, provided the facility has not been remodeled and is functioning properly.

Licensing Authority

Comal County Environmental Health


ENVIRONMENTAL HEALTH INSPECTOR

OS0032485


ENVIRONMENTAL HEALTH COORDINATOR

GS0007722

**Comal County Environmental Health
OSSF Inspection Sheet**

Installer Name: Tyler Mason OSSF Installer #: 05 0033556
 1st Inspection Date: 10-17-19 2nd Inspection Date: 10/23/19 3rd Inspection Date: 11/8/19
 Inspector Name: Connor Inspector Name: Mike T. Inspector Name: Mike T.
 Permit #: 109096 Address: Canyon Lake Halls 1462 Greenhill Dr

Item	Pass/Fail	Code	Notes	Inspected	Approved	Final
1	✓	285.32(a)(1) 285.32(a)(2) 285.32(a)(3) 285.32(a)(4) 285.32(a)(5)	MT-11/21/20 Need Revised Plan add on. Need back to installer.	✓		
2	✓	285.32(d) 285.32(e) 285.32(f)		✓		
3	✓	285.32(a)(1)		✓		
4	✓	285.32(a)(3)		✓		
5	✓	285.32(a)(5)		✓		
6		285.32(b)(1)(G) 285.32(b)(1)(H) 285.32(b)(1)(I) 285.32(b)(1)(J) 285.32(b)(1)(K) 285.32(b)(1)(L) 285.32(b)(1)(M) 285.32(b)(1)(N) 285.32(b)(1)(O) 285.32(b)(1)(P) 285.32(b)(1)(Q) 285.32(b)(1)(R)				
7		285.34(d)				

*tank set level no leaks needs operational
 revision needed for tank type. need pressure regulator
 installed.
 MT-10/23/19
 operational ✓ need 30 psi
 MT-11/8/19
 covered & sod.*

**Comal County Environmental Health
OSSF Inspection Sheet**

	Answer	Citations	Notes	1st Insp.	2nd Insp.
8		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	✓	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		✓	10/23/19 11/8/19
10		285.38(d)			
11		285.38(d) 285.38(e)			
12					
13					
14	✓			✓	10/23/19 11/9/19
15	✓		Truwater 600	✓	/ /
16		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)			
17		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)			
18		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)			

**Comal County Environmental Health
OSSF Inspection Sheet**

	Answer	Citation	Notes	Date Inspected	Inspector
19		285.33(a)(1)			
20		285.33(d)(4)			
21		285.33(a)(3) 285.33(a)(1) 285.33(a)(2)			
22		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)			
23		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)			
24		285.33(d)(6) 285.33(c)(4)			
25					
26					
27		285.33(b)(1)(A)(v)			
28					
29		285.33(b)(1)(E)			
30		285.33(c)(2)			
31		285.33(d)(1)(C)(i)			

**Comal County Environmental Health
OSSF Inspection Sheet**

	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>	<p>285.32(c)(1)</p>		✓	1/9/19	11/9/19	
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**

	Answer	Charges	Notes	1st Insp.	2nd Insp.	Final
40	✓	285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(v) 285.33(d)(2)(G)(vi) 285.33(d)(2)(G)(vii) 285.33(d)(2)(G)(viii)		✓		11/9/19
41	✓	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)				
42	✓		<i>per plan</i>	✓		
43						
44						
45						

REVISED

8:08 am, Nov 12, 2019

61.70'

not tied in yet washing machine

2 BR RES.
850 sf.

LOT 916

not tied in yet. Adding bathroom & toilet

NUWATER B 550 PC
AEROBIC TREATMENT
PLANT

161.50'

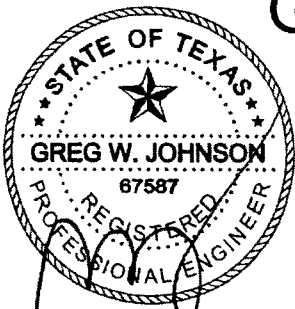
DRIVEWAY

INSTALL 1500sf OF FIELD USING
750' OF DRIP TUBING
(NO PARKING, DRIVING, OR
STORAGE ALLOWED ON FIELD)

*USE TWO WAY CLEAN OUTS
**USE SCH-40 OR SDR-26 TO TANK

X= TEST HOLE

GREENHILL DRIVE



OWNER: JAIME AGUILERA & TERESA M. CHAPARRO		DRAWN BY:	
STREET ADDRESS: 1462 GREENHILL DRIVE			
LEGAL DESC: CANYON LAKE HILLS	UNIT/SECTION/PHASE: 2	BLOCK:	LOT: 916
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=20'	DATE: 09/06/2019	REVISED: 11/08/2019

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Tyler Mason OSSF Installer #: 05 0033556
 1st Inspection Date: 10-17-19 2nd Inspection Date: 10/23/19 3rd Inspection Date: 11/8/19
 Inspector Name: Connor Inspector Name: Mike T. Inspector Name: Mike T.
 Permit #: 109696 Address: Canyon Lake Homes 1462 Greenhill Dr

No.	Description	Pass/Fail	Chapters	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SETBACK DISTANCES Setback Distances Meet Minimum Standards Submitted Planning Materials	✓	285.31(a) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)		✓	10/23/19	11/8/19
2	SETBACK DISTANCES Setback Distances Meet Minimum Standards	✓	285.31(d) 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)(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)				

tank set level no leaks needs operational
 revision needed for tank type. need pressure regulator
 installed.
 MT- 10/23/19
 operational ✓ need 30psi
 need 30psi pressure regulator on out let
 MT- 11/8/19
 covered & sod.

**Comal County Environmental Health
OSSF Inspection Sheet**

Item	Description	Amper	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)		✓	10/23/19	11/8/19	
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	✓			✓	10/23/19	11/9/19	
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		Truwater 600	✓	/	/	
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.	Inspection	Answer	Citation	Notes	1st Insp.	2nd Insp.	3rd Insp.
19			285.33(d)(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**

	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	✓	285.32(c)(1)		✓	10/23/19	11/9/19
34	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>			<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>		
35	✓					
36						
37						
38						
39	✓			✓		

**Comal County Environmental Health
OSSF Inspection Sheet**

	Answer	Citations	Notes	1st temp.	2nd temp.	3rd temp.
40	✓	285.33(d)(2)(G)(v)(i) 285.33(d)(2)(G)(v)(ii) 285.33(d)(2)(G)(v)(iii) 285.33(d)(2)(G)(v)(iv) 285.33(d)(2)(G)(v)(i) 285.33(d)(2)(G)(v)(ii) 285.33(d)(2)(G)(v)(iii)		✓		11/9/19
41	✓	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)				
42	✓		<i>per plan</i>	✓		
43						
44						
45						

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Tyler Mason OSSF Installer #: 05 0033556
 1st Inspection Date: 10-17-19 2nd Inspection Date: 10/23/19 3rd Inspection Date: _____
 Inspector Name: Connor Inspector Name: Mike T. Inspector Name: _____
 Permit#: 109696 Address: Canyon Lake Wells 1462 Greenhill 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)		✓	10/23/19	
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)(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)				

tank set level no leaks needs operational revision needed for tank type. need pressure regulator installed.
 MT-10/23/19
 operational ✓ need 30 psi
 ready for cover Regulator on out Flow

**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)		✓	10/23/19	
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	✓			✓	10/23/19	
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		Nuwater 600	✓	10/23/19	
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)				
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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)				
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32	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.	✓	285.32(c)(1)		✓	10/29/19	
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**

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)		✓		
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	✓		<i>per plan</i>	✓		
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: Tyler Mason OSSF Installer #: OS 0033556

1st Inspection Date: 10-17-19 2nd Inspection Date: _____ 3rd Inspection Date: _____

Inspector Name: Connor Inspector Name: _____ Inspector Name: _____

Permit#: 109696 Address: Canyon Lake Wells 1462 Greenhill 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)		✓		
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)(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)				

tank set level no leaks needs operational revision needed for tank type. need pressure regulator installed.

**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	✓			✓		
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		<i>Nuwater 600</i>	✓		
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**

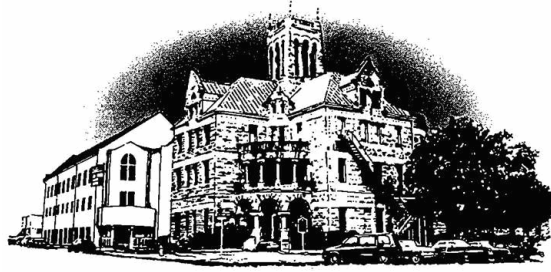
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation	✓	285.33(c)(3)(A)-(F)		✓		
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		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)		✓		
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)		✓		
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	✓		<i>per plan</i>	✓		
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: 109696
Issued This Date: 09/13/2019
This permit is hereby given to: Jaime Aguilera & Teresa M. Chaparro

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

1462 GREENHILL DR
CANYON LAKE, TX 78133

Subdivision: Canyon Lake Hills
Unit: 2
Lot: 916
Block:
Acreage:

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic
Drip 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.

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

Date September 4, 2019

Permit # 109696

Owner Name JAIME AGUILERA & TERESA M CHAPARRO Agent Name GREG W. JOHNSON, P.E.
Mailing Address 1450 GREENHILL DRIVE Agent Address 170 HOLLOW OAK
City, State, Zip CANYON LAKE TEXAS 78133 City, State, Zip NEW BRAUNFELS, TX 78132
Phone# 505-582-4886 Phone # (830) 905-2778
Email Email gregjohnsonpe@yahoo.com

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

Subdivision Name CANYON LAKE HILLS Unit/Phase/Section 2 Lot 916 Block
Acreage/Legal
Street Name/Address 1462 GREENHILL DRIVE City CANYON LAKE Zip 78133

Type of Development:

[X] Single Family Residential

Type of Construction (House, Mobile, RV, Etc.) HOUSE

Number of Bedrooms 2

Indicate Sq Ft of Living Area 850

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[] Non-Single Family Residential

(Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area)

COUNTY ENGINEER

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: \$ EXISTING (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 also 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

9/11/19

109696

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

REVISED
8:06 am, Nov 12, 2019

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

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.

System Description PROPRIETARY; AEROBIC TREATMENT AND DRIP TUBING

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

Tank Size(s) (Gallons) NUWATER B-550-PC Absorption/Application Area (Sq Ft) 1500

Gallons Per Day (As Per TCEQ Table III) 180

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

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

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

Is there an existing TCEQ approved WPAP for the property? Yes No

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

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

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

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

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

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

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

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

Is this property within an incorporated city? Yes No

If yes, indicate the city: _____



FIRM #2585

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable

[Signature]
Signature of Designer

September 9, 2019
Date

AFFIDAVIT

THE COUNTY OF COMAL
STATE OF TEXAS



201906032364 09/11/2019 01:05:21 PM 1/1

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

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

I

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

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II

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

COUNTY ENGINEER

2 UNIT/PHASE/SECTION _____ BLOCK 916 LOT _____ CANYON LAKE HILLS SUBDIVISION

IF NOT IN SUBDIVISION: _____ ACREAGE _____ SURVEY

The property is owned by (insert owner's full name): JAIME AGUILERA & TERESA M. CHAPARRO

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

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

WITNESS BY HAND(S) ON THIS 11 DAY OF September, 20 19

[Signature]
Owner(s) signature(s)

JAIME AGUILERA
Owner (s) Printed name (s)

JAIME AGUILERA SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 11 DAY OF September, 20 19

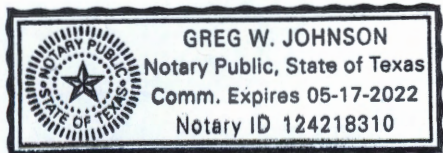
[Signature]
Notary Public Signature

THIS AREA FOR COMAL COUNTY CLERK RECORDING PURPOSES ONLY

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
09/11/2019 01:05:21 PM
TERRI 1 Page(s)
201906032364



Bobbie Koepf



(Notary Seal Here)

CANYON LAKE HILLS, UNIT 2, LOT 916
1462 GREENHILL DRIVE
CANYON LAKE, TX 78133

DAVID WINTERS SEPTICS, LLC
PO BOX 195
SPRING BRANCH, TX 78070
830-935-2477 OFFICE
830-935-2477 FAX
wintersseptics@gvtc.com

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Routine Maintenance and Inspection Agreement

This Work-for-Hire Agreement (hereafter referred to as this "Agreement") is entered into, by, and between JAIME AGULERA & TERESA M. CHAPARRO (referred to as "Client") and David Winters Septic's, LLC, Inc. (hereafter referred to as "Contractor") located at 1462 GREENHILL DRIVE Date beginning on _____ and contract ending _____

By this agreement the Contractor agrees to render professional service, as described herein, and the Client agrees to fulfill the terms of this Agreement as described herein.

This agreement will provide for all required inspections, testing, and service for your Aerobic Treatment System. The policy will include the following:

1. Three (3) inspections per year/service calls (at least one every four months), for a total of six (6) over the two-year period, including inspection, adjustment, and servicing of the mechanical, electrical and other applicable component parts to ensure proper function. This includes inspecting control panel, air pumps, air filters, diffuser operation, and replacing or repairing any component not found to be functioning correctly. Any alarm situations affecting the proper function of the Aerobic process will be addressed within a 48-hour time frame. This contract does not include labor on warranty and non-warranty parts.
2. An effluent quality inspection consisting of a visual check of color, turbidity, scum overflow and examination for odors. A test for chlorine residual and pH will be taken and reported as necessary.
3. If any improper operation is observed, which cannot be corrected at the time of the service visit, you will be notified on your inspection report.
4. The Client is responsible for the chlorine tablets and/or liquid chlorine; they must be filled before or during the service visit.
5. Any additional visits, inspections or sample collection required by specific Municipalities, Water/River Authorities, and County Agencies the TCEQ or any other authorized regulatory agency in your jurisdiction will not be covered by this policy.

At the conclusion of the initial service policy, our company will make available, for purchase on an annual basis, a continuing service policy cover NORMAL inspection, maintenance and repair.

The Homeowners Manual must be strictly followed or warranties are subject invalidation. Pumping of sludge build up is not covered by this policy and will result in additional charges.

This agreement does not cover any labor or parts for items which must be replaced due to acts of God, i.e., lightning strikes, high winds, flooding, freezing.

This agreement DOES NOT COVER materials or parts which must be replaced due to misuse or abuse of the system. These include but are not limited to: Sewage flows exceeding the recommended daily hydraulic design capabilities, Disposal of Non-Biodegradable materials, such as chemicals, grease or oil, sanitary napkins, tampons, baby wipes, disposable diapers, Clogs in the line between the house and the tank.

This agreement DOES NOT COVER LABOR OR PARTS for out- of- warranty items.

ACCESS BY CONTRACTOR

The contractor or anyone authorized by the contractor may enter the property at reasonable times without prior notice for the purpose of service described above.

PAYMENT AGREEMENT

The client will pay compensation to the contractor for the services in the amount of _____. This compensation shall be payable in one lump sum payment upon acceptance of this agreement. Payments not received within 30 days of the above described due date will be subject to a \$25.00 late penalty.

TERMINATION OF THIS AGREEMENT

Either party may terminate this agreement within 10 days of written notice in the event of substantial failure to perform in accordance with its terms by other party without fault of the terminating party. If this agreement is terminated, the contractor will immediately notify the appropriate health authority.

LIMIT OF LIABILITY

The Contractor will not be liable for indirect, consequential, incidental or punitive damages, whether in contract or any other theory. In no event shall the Contractor's liability for direct damages exceed the price for the services described in this agreement.

Permit # _____

The effective date of this initial maintenance agreement shall be the date the license to operate is issued.

Client

JAIME AGULERA & TERESA M. CHAPARRO

Name

1450 GREENHILL DRIVE

Address

CANYON LAKE, TX 78133

City/State/Zip Code

505-582-4886

Phone Number



Signature of Client


Contractor

David Winters Septic's, LLC, Inc.

P.O. Box 195

Spring Branch, Texas 780170

Office 830-935-2477 Fax 830-935-2477

By: 

Signature of Contractor

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ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed: August 28, 2019

Site Location: 1462 GREENHILL DRIVE / CANYON LAKE HILLS, UNIT 2, LOT 916

Proposed Excavation Depth: N/A

Requirements:

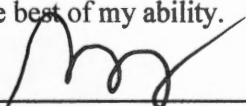
At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area. Locations of soil boring or dug pits must be shown on the site drawing. For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed excavation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

SOIL BORING NUMBER <u>1</u>						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	III	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 10"	BROWN
10"						
1						
2						
3						
4						
5						

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SOIL BORING NUMBER <u>2</u>						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	SAME	AS	ABOVE			
10"						
1						
2						
3						
4						
5						

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



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

08/28/19
Date



FIRM #2585

OSSF SOIL EVALUATION REPORT INFORMATION

Date: September 04, 2019

Applicant Information:

Name: JAIME AGUILERA & TERESA M. CHAPARRO
 Address: 1450 GREENHILL DRIVE
 City: CANYON LAKE State: TX
 Zip Code: 78133 Phone: 515-582-4886

Site Evaluator Information:

Name: Greg W. Johnson, P.E., R.S. S.E. 11561
 Address: 170 Hollow Oak
 City: New Braunfels State: Texas
 Zip Code: 78132 Phone & Fax (830)905-2778

Property Location:

Lot 916 Unit 2 Blk ___ Subd. CANYON LAKE HILLS
 Street Address: 1462 GREENHILL DRIVE
 City: CANYON LAKE Zip Code: 78133
 Additional Info.: _____

Installer Information:

Name: DAVID WINTERS
 Company: DAVID WINTERS SEPTICS
 Address: _____
 City: _____ State: _____
 Zip Code: _____ Phone _____

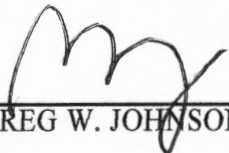
Topography: Slope within proposed disposal area: 3 %
 Presence of 100 yr. Flood Zone: YES ___ NO X
 Existing or proposed water well in nearby area. YES ___ NO X
 Presence of adjacent ponds, streams, water impoundments YES ___ NO X
 Presence of upper water shed YES ___ NO X
 Organized sewage service available to lot YES ___ NO X

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SEP 11 2019

COUNTY ENGINEER

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, §285.30, & §285.40 (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (EFFECTIVE DECEMBER 29, 2016).



 GREG W. JOHNSON, P.E. 67587 - F#2585

09/09/19

 DATE



REVISED

8:06 am, Nov 12, 2019

DRIP TUBING SYSTEM

DESIGNED FOR:

JAIME AGUILERA & TERESA M. CHAPARRO

1450 GREENHILL DRIVE
CANYON LAKE, TX 78133

SITE DESCRIPTION:

Located in the Canyon Lake Hills, Unit 2, Lot 916, at 1462 Greenhill Drive, the proposed system will serve a two bedroom residence (850 sf.) situated in an area with shallow Type-III soil as described in the Soil Evaluation Report. An aerobic treatment plant utilizing drip irrigation was chosen as the most appropriate system to serve the conditions on this lot.

PROPOSED SYSTEM:

A 3-inch SCH-40 pipe discharges from the residence into a NuWater B-550PC-400PT 600gpd aerobic plant containing a 353-gallon pretreatment tank, an aerobic treatment plant, and a 768-gallon pump chamber containing a submersible well pump. The well pump is activated by a time controller allowing the distribution ten times per day with an 8 minute run time with float setting at 240 gallons. A high level audible and visual alarm will activate should the pump fail. Distribution is through a self flushing 100 micron disc filter (Arkal) then through a 1" SCH-40 manifold to a 1500 sf. drip tubing field, with *Netifim Bioline* drip lines set approximately two feet apart with **0.61 gph** emitters set every two feet, as per the attached schematic. A pressure regulator PMR-MF 30psi installed in the pump tank on the manifold to the field will maintain pressure at 30 psi. A 1" SCH-40 return line is installed to continuously flush the system by cycling a 1" ball valve. Solids caught in the disk filter are flushed each cycle back to the trash tank. Vacuum breakers installed at the highest point on each manifold will prevent siphoning of effluent from higher to lower parts of the field. Field area will be scarified and built up with ~2" of Type II or Type III soil, then the drip tubing will be laid and capped with ~6" of Type II or Type III soil (**NOT SAND**). The field area will be sodded with grass prior to system startup. **Tank must have at grade risers on each opening with watertight caps that must be at least 65# or have a padlock or can only be removed with tools. A secondary plug, cap, or suitable restraint must be provided below riser cap to prevent tank entry should the cap be damaged or removed, in compliance with Chapter §285.38.**

DESIGN SPECIFICATIONS:

Daily waste flow: 240 GPD Table III

Pretreatment tank size: 353Gal

Plant Size: NuWater B-550PC-400PT 600 gpd (TCEQ Approved)

Pump tank size: 768Gal

Reserve capacity after High Level: 60 Gal (>1/3 day Req'd)

REVISED

8:06 am, Nov 12, 2019

Application Rate: $R_a = 0.2$ gal/sf

Total absorption area: $Q/R_a = 180$ GPD/ $0.20 = 900$ sf. (Actual 1500 sf.)

Total linear feet drip tubing: 750' *Netifim Bioline* drip tubing .61 GPH

Pump requirement: 375 emitters @ .61 gph @ 30 psi = 3.8125 gpm

Pump Requirement (cont.): Franklin C1 20XC1-05P4-W115 submersible well pump Dosing volume: 50-70 gal.

Pump Tank Calculations: 768 Gal (14.5 gal/in.)

Volume below working level = 15" = 218 gal

Working level = 180 gal = 12.5"

Reserve Requirement = $>1/3$ day = 60 gal. = 4.25"

MINIMUM SCOUR VELOCITY (MSV) > 2 FPS

IN DRIP TUBING W/ NOM. DIA. 0.55" ID

MSV = 2 FPS $(ID \uparrow 2)/4 * 7.48$ gal/cf * 60 sec/min

MSV = $2(3.14159((.55/12) \uparrow 2)/4) * 7.48 * 60$

MSV = 1.5 gpm MIN FLOW RATE x 3 = 4.5 gpm

IN RETURN MANIFOLD W/ NOM. DIA 1.049" ID

MSV = 2 FPS $(ID \uparrow 2)/4 * 7.48$ gal/cf * 60 sec/min

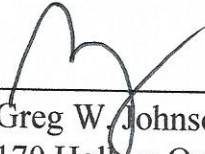
MSV = $2(3.14159((1.049/12) \uparrow 2)/4) * 7.48 * 60$

MSV = 5.4 GPM

PIPE AND FITTINGS:

All pipes and fittings in this drip tubing system shall be 1" schedule 40 PVC. All joints shall be sealed with approved solvent-type PVC cement. Clipper type cutters are recommended to prevent PVC burrs during cutting of pipes causing possible plugging. Drip tubing 0.61 gph drip tubing to be used in field.

Designed in accordance with Chapter 285, Subchapter D, §285.30 and §285.40 Texas Commission on Environmental Quality (Effective December 29, 2016)

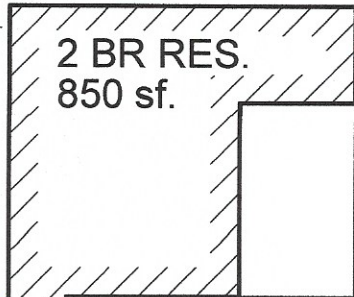
 11/08/19

Greg W. Johnson, P.E. No. 67587 - F-2585
170 Hollow Oak
New Braunfels, Texas 78132
830/905-2778



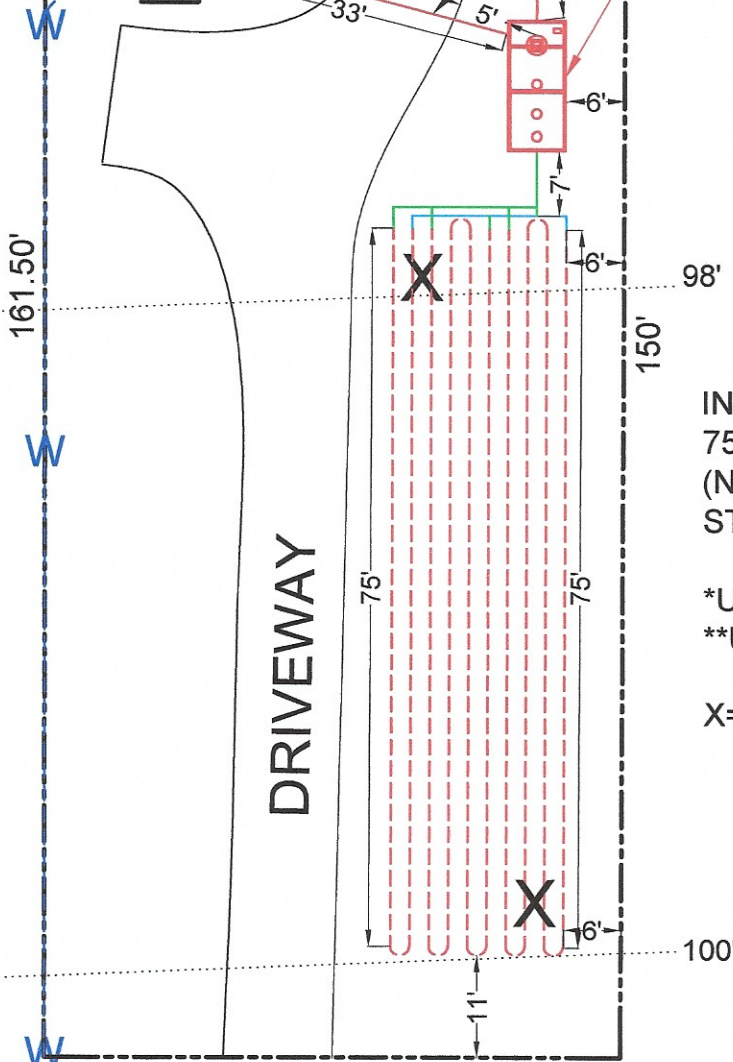
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12:52 pm, Feb 10, 2020

LOT 916



SLEEVE SEPTIC LINE WITH SCH-40 WITHIN 5' AND UNDER DRIVEWAY.

NUWATER B 550 PC AEROBIC TREATMENT PLANT



INSTALL 150sf OF FIELD USING 750' OF DRIP TUBING (NO PARKING, DRIVING, OR STORAGE ALLOWED ON FIELD)

*USE TWO WAY CLEAN OUTS
**USE SCH-40 OR SDR-26 TO TANK

X= TEST HOLE

GREENHILL DRIVE



OWNER: JAIME AGUILERA & TERESA M. CHAPARRO		DRAWN BY:	
STREET ADDRESS: 1462 GREENHILL DRIVE			
LEGAL DESC: CANYON LAKE HILLS	UNIT/SECTION/PHASE: 2	BLOCK:	LOT: 916
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=20'	DATE: 09/06/2019	REVISED: 2/08/2020

REVISED

8:08 am, Nov 12, 2019

TANK NOTES:

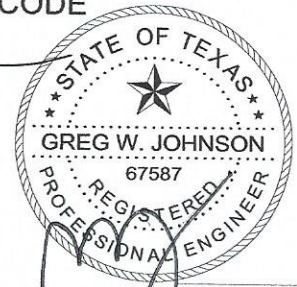
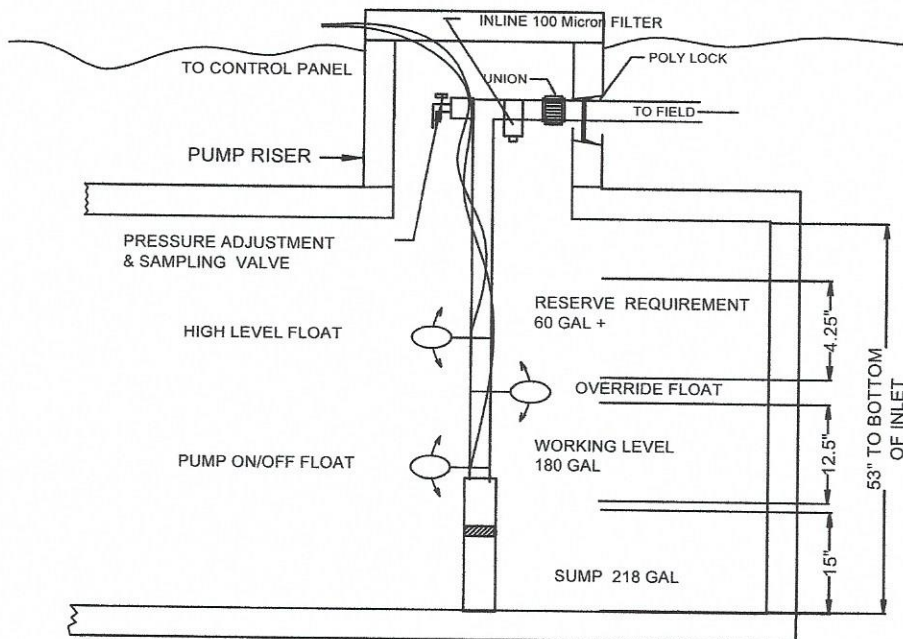
Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

Tightlines to the tank shall be SCH-40 PVC.

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

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

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



F-2585

11/08/19

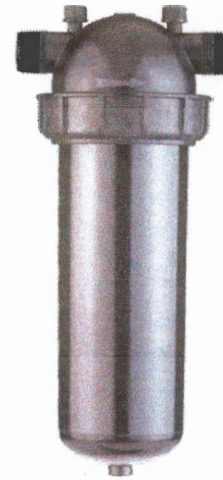
**TYPICAL PUMP TANK CONFIGURATION
NU-WATER 550PC -400PT 768 GAL PUMP TANK**

Arkal 1" Super Filter

Catalog No. 1102 0 _ _ _

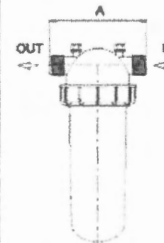
Features

- ♦ A "T" shaped filter with two 1" male threads.
- ♦ A "T" volume filter for in-line installation on 1" pipelines.
- ♦ The filter prevents clogging due to its enlarged filtering area that collects sediments and particles.
- ♦ Manufactured entirely from fiber reinforced plastic.
- ♦ A cylindrical column of grooved discs constitutes the filter element.
- ♦ Spring keeps the discs compressed.
- ♦ Screw-on filter cover.
- ♦ Filter discs are available in various filtration grades.



Technical Data

Inlet/outlet diameter	1" BSPT (male)	1" NPT (male)
	25.0 mm – nominal diameter	
	33.6 mm – pipe diameter (O. D.)	
Maximum pressure	10 atm	145 psi
Maximum flow rate	8 m ³ /h (1.7 l/sec)	35 gpm
General filtration area	500 cm ²	77.5 in ²
Filtration volume	600 cm ³	37 in ³
Filter length L	340 mm	13 13/32"
Filter width W	130 mm	5 3/32"
Distance between end connections A	158 mm	6 7/32"
Weight	1.420 kg	3.13 lbs.
Maximum temperature	70° C	158 °F
pH	5-11	5-11



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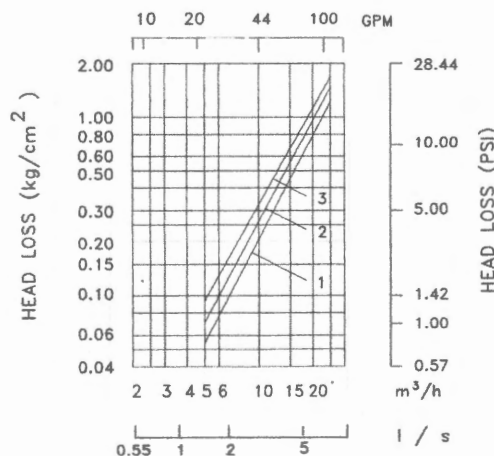
SEP 11 2019

COUNTY ENGINEER

Filtration Grades

- Blue (400 micron / 40 mesh)
- Yellow (200 micron / 80 mesh)
- Red (130 micron / 120 mesh)
- Black (100 micron / 140 mesh)
- Green (55 micron)

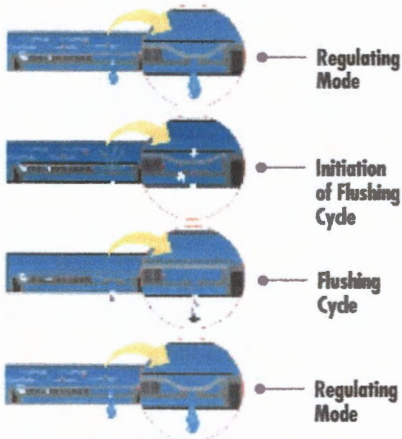
Head Loss Chart





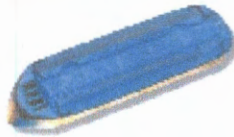
Bioline® Dripperline

Pressure Compensating Dripperline for Wastewater



Bioline's Self-Cleaning, Pressure Compensating Dripper is a fully self-contained unit molded to the interior wall of the dripper tubing.

As shown at left, Bioline is continuously self-cleaning during operation, not just at the beginning and end of a cycle. The result is dependable, clog free operation, year after year.



Product Advantages

The Proven Performer

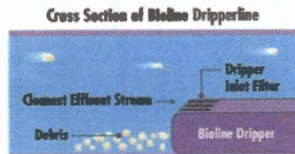
- Tens of millions of feet used in wastewater today.
- Bioline is permitted in every state allowing drip disposal.
- Backed by the largest, most quality-driven manufacturer of drip products in the U.S.
- Preferred choice of major wastewater designers and regulators.
- Proven track record of success for many years of hard use in wastewater applications.

Quality Manufacturing with Specifications Designed to Meet Your Needs

- Pressure compensating drippers assure the highest application uniformity - even on sloped or rolling terrain.
- Excellent uniformity with runs of 400 feet or more - reducing installation costs.
- Highest quality-control standards in the industry: Cv of 0.25 (coefficient of manufacturer's variation).
- A selection of flows and spacings to satisfy the designer's demand for almost any application rate.

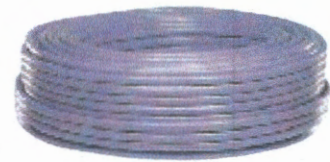
Long-Term Reliability

- Protection against plugging:
 - Dripper inlet raised 0.27" above wall of tubing to prevent sediment from entering dripper.
 - Drippers impregnated with Vinyzene to prevent buildup of microbial slime.
 - Unique self-flushing mechanism passes small particles before they can build up.



Root Safe

- A physical barrier on each Bioline dripper helps prevent root intrusion.
- Protection never wears out - never depletes - releases nothing to the environment.
- Working reliably for up to 15 years in subsurface wastewater installations.
- Additional security of chemical root inhibition with Techfilter - supplies Trifluralin to the entire system, effectively inhibiting root growth to the dripper outlets.



Applications

- For domestic strength wastewater disposal.
- Installed following a treatment process.
- Can be successfully used on straight septic effluent with proper design, filtration and operation.
- Suitable for reuse applications using municipally treated effluent designated for irrigation water.

Specifications

Wall thickness (mil): 45*

Nominal flow rates (GPH): .4, .6, .9*

Common spacings: 12", 18", 24"

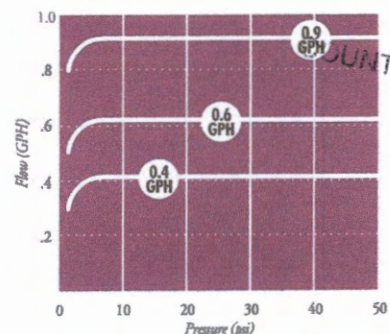
Recommended filtration: 120 mesh

Inside diameter: .570"

Color: Purple tubing indicates non-potable source

*Additional flows, spacings, and pipe sizes available by request. Please contact Netafim USA Customer Service for details.

BIOLINE Flow Rate vs. Pressure



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NETAFIM USA
5470 E. Home Ave. • Fresno, CA 93727
888.638.2346 • 559.453.6800
FAX 800.695.4753
www.netafimusa.com

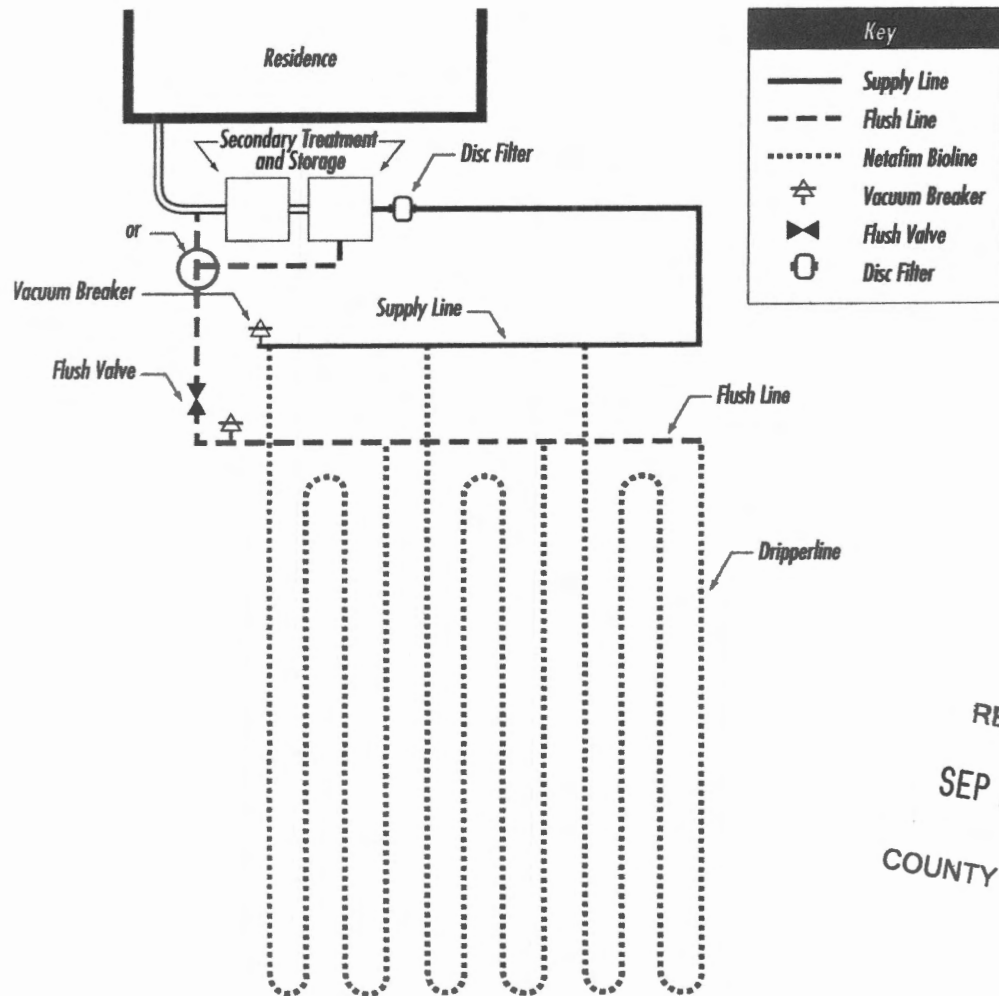
NETAFIM WASTEWATER DISPERSAL SYSTEM DESIGN GUIDE

SAMPLE DESIGNS

SINGLE TRENCH LAYOUT

Rectangular field with supply and flush manifold on same side and in same trench;

- Locate supply and flush manifold in same trench
- Dripperlines are looped at the end opposite the supply and flush manifolds
- The longest Bioline length should not exceed 400 ft. Drip fields 200 ft. in length might loop the Bioline once; drip dispersal fields under 100 ft. might be looped twice, as illustrated



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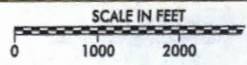
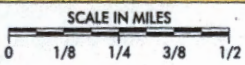


© Mapsco, Inc.

78133

78132

CONTINUED ON MAP 356



REVISED
8:08 am, Nov 12, 2019

VOID

2 BR RES.
850 sf.

LOT 916

NUWATER B 550 PC
AEROBIC TREATMENT
PLANT

VOID

INSTALL 1500sf OF FIELD USING
750' OF DRIP TUBING
(NO PARKING, DRIVING, OR
STORAGE ALLOWED ON FIELD)

*USE TWO WAY CLEAN OUTS
**USE SCH-40 OR SDR-26 TO TANK

X= TEST HOLE

161.50'

W

W

DRIVEWAY

60.00'

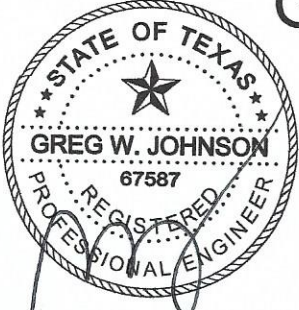
GREENHILL DRIVE

96'

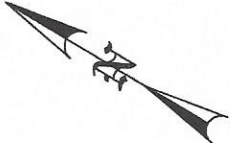
98'

150'

100'



OWNER:	JAIME AGUILERA & TERESA M. CHAPARRO		DRAWN BY:
STREET ADDRESS:	1462 VOID DRIVE		
LEGAL DESC:	CANYON LAKE HILLS	UNIT/SECTION/PHASE:	2
		BLOCK:	
		LOT:	916
PREPARED BY:	GREG W. JOHNSON, P.E. F#002585	SCALE:	1"=20'
		DATE:	09/06/2019
		REVISED:	11/08/2019



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

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

VOID

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.

System Description PROPRIETARY; AEROBIC TREATMENT AND DRIP TUBING

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

Tank Size(s) (Gallons) SOLAR AIR SA600LP Absorption/Application Area (Sq Ft) 1500

Gallons Per Day (As Per TCEQ Table III) 180

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

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Is the property located over the Edwards Recharge Zone? [] Yes [X] No

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

SEP 11 2019

Is there an existing TCEQ approved WPAP for the property? [] Yes [X] No

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

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? [X] Yes [] No

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

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

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

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

Is this property within an incorporated city? [] Yes [X] No

If yes, indicate the city:



FIRM #2585

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable

VOID

Signature of Designer

Date September 9, 2019

VOID

DRIP TUBING SYSTEM

DESIGNED FOR:

JAIME AGUILERA & TERESA M. CHAPARRO
1450 GREENHILL DRIVE
CANYON LAKE, TX 78133

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COUNTY ENGINEER

SITE DESCRIPTION:

Located in the Canyon Lake Hills, Unit 2, Lot 916, at 1462 Greenhill Drive, the proposed system will serve a two bedroom residence (850 sf.) situated in an area with shallow Type-III soil as described in the Soil Evaluation Report. An aerobic treatment plant utilizing drip irrigation was chosen as the most appropriate system to serve the conditions on this lot.

PROPOSED SYSTEM:

A 3-inch SCH-40 pipe discharges from the residence into a Solar Air SA600 LP 600gpd aerobic plant containing a 376-gallon pretreatment tank, an aerobic treatment plant, and a 778-gallon pump chamber containing a well pump. The well pump is activated by a time controller allowing the distribution ten times per day with an 8 minute run time with float setting at 240 gallons. A high level audible and visual alarm will activate should the pump fail. Distribution is through a self flushing 100 micron disc filter (Arkal) then through a 1" SCH-40 manifold to a 1500 sf. drip tubing field, with *Netifim Bioline* drip lines set approximately two feet apart with *0.61 gph* emitters set every two feet, as per the attached schematic. A pressure regulator PMR-MF 30psi installed in the pump tank on the manifold to the field will maintain pressure at 30 psi. A 1" SCH-40 return line is installed to continuously flush the system by cycling a 1" ball valve. Solids caught in the disk filter are flushed each cycle back to the trash tank. Vacuum breakers installed at the highest point on each manifold will prevent siphoning of effluent from higher to lower parts of the field. Field area will be scarified and built up with ~2" of Type II or Type III soil, then the drip tubing will be laid and capped with ~6" of Type II or Type III soil (*NOT SAND*). The field area will be sodded with grass prior to system startup. **Tank must have at grade risers on each opening with watertight caps that must be at least 65# or have a padlock or can only be removed with tools. A secondary plug, cap, or suitable restraint must be provided below riser cap to prevent tank entry should the cap be damaged or removed, in compliance with Chapter §285.38.**

DESIGN SPECIFICATIONS:

Daily waste flow: 240 GPD Table III
Pretreatment tank size: 376 Gal
Plant Size: Solar Air SA600LP 600 gpd (TCEQ Approved)
Pump tank size: 778Gal
Reserve capacity after High Level: 60 Gal (>1/3 day Req'd)

VOID

Application Rate: Ra = 0.2 gal/sf
 Total absorption area: Q/Ra = 180 GPD/0.20 = 900 sf. (Actual 1500 sf.)
 Total linear feet drip tubing: 750' *Netifim Bioline* drip tubing .61 GPH
 Pump requirement: 375 emitters @ .61 gph @ 30 psi = 3.8125 gpm
 Pump Requirement (cont.): Franklin C1 20XC1-05P4-W115 submersible well pump Dosing volume: 50-70 gal.
 Pump Tank Calculations: 778 Gal (18.7 gal/in.)
 Volume below working level = 15" = 281 gal
 Working level = 180 gal = 10"
 Reserve Requirement = >1/3 day = 60 gal. = 3.5"

MINIMUM SCOUR VELOCITY (MSV) > 2 FPS
 IN DRIP TUBING W/ NOM. DIA. 0.55" ID

MSV = 2 FPS $(\pi d^2 / 4) * 7.48 \text{ gal/ft} * 60 \text{ sec/min}$
 MSV = 2(3.14159((.55/12)²)/4)*7.48*60
 MSV = 1.5 gpm MIN **VOID** x 3 = 4.5 gpm

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IN RETURN MANIFOLD W/ NOM. DIA 1.049" ID

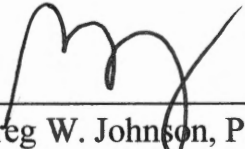
MSV = 2 FPS $(\pi d^2 / 4) * 7.48 \text{ gal/ft} * 60 \text{ sec/min}$
 MSV = 2(3.14159((1.049/12)²)/4)*7.48*60
 MSV = 5.4 GPM

COUNTY ENGINEER

PIPE AND FITTINGS:

All pipes and fittings in this drip tubing system shall be 1" schedule 40 PVC. All joints shall be sealed with approved solvent-type PVC cement. Clipper type cutters are recommended to prevent PVC burrs during cutting of pipes causing possible plugging. Drip tubing 0.61 gph drip tubing to be used in field.

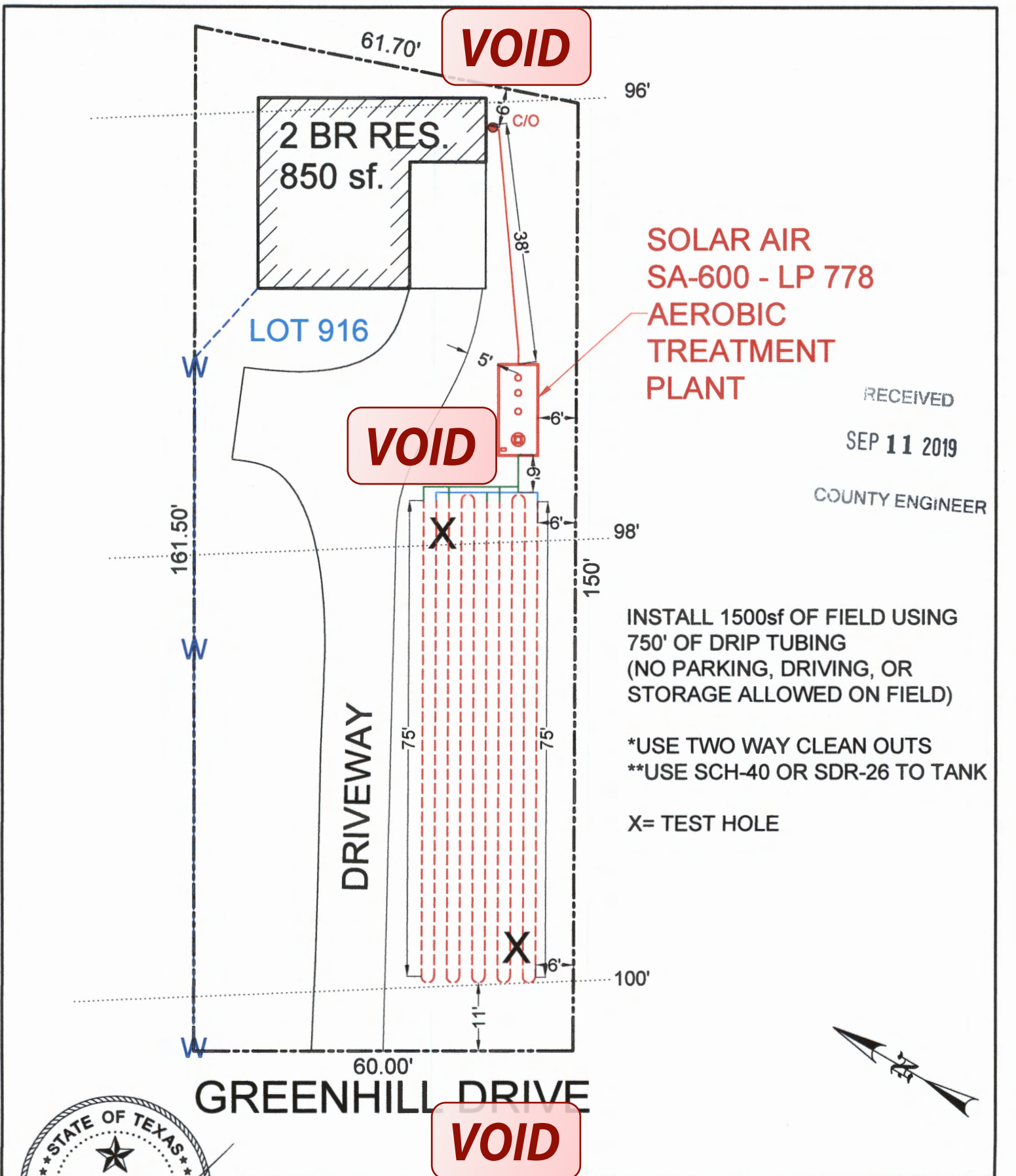
Designed in accordance with Chapter 285, Subchapter D, §285.30 and §285.40 Texas Commission on Environmental Quality (Effective December 29, 2016)


 Greg W. Johnson, P.E. No. 67587 - F-2585
 170 Hollow Oak
 New Braunfels, Texas 78132
 830/905-2778

09/06/19



VOID



OWNER: JAIME AGUILERA & TERESA M. CHAPARRO		DRAWN BY:	
STREET ADDRESS: 1462 GREENHILL DRIVE			
LEGAL DESC: CANYON LAKE HILLS	UNIT/SECTION/PHASE: 2	BLOCK:	LOT: 916
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=20'	DATE: 09/06/2019	REVISED:

VOID

TANK NOTES:

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

Tightlines to the tank shall be SCH-40 PVC.

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

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

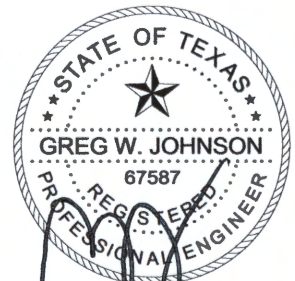
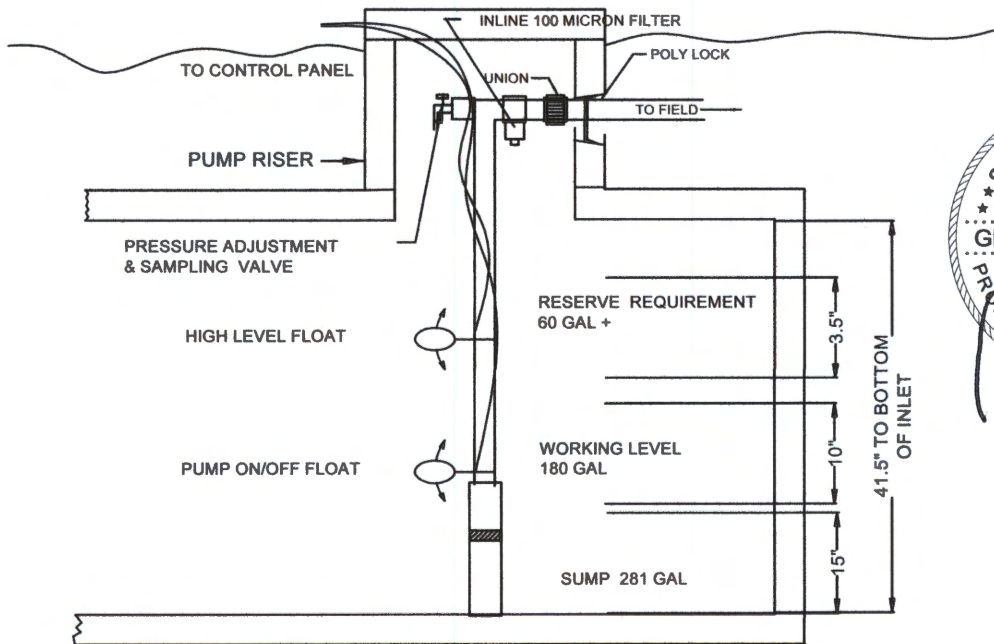
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SEP 11 2019

COUNTY ENGINEER

VOID

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



F#2585

09/04/19

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

VOID

18-385706-CV

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SEP 11 2019

COUNTY ENGINEER

Warranty Deed with Vendor's Lien

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.

Date: February 08, 2019

Grantor: Joan E. Platt, a single person

Grantor's Mailing Address: 14360 Raway Rd Blanco TX 78606

Grantee: Jaime Aguilera and Teresa M. Chaparro

Grantee's Mailing Address: 150 Green Hill Dr. Canyon Lake TX 78133

Consideration:

Cash and other good and valuable consideration along with a note of even date executed by Grantee and payable to the order of Joan E. Platt in the principal amount of \$67,200.00 (Sixty Seven Thousand Two Hundred and 00/100 Dollars). The note is secured by a first and superior vendor's lien and superior title retained in this deed in favor of Joan E. Platt and by a first-lien deed of trust of even date from Grantee to William C. Shaddock, trustee.

Property (including any improvements):

Lots 916 and 917, CANYON LAKE HILLS, UNIT NO. 2, an Addition in Comal County, Texas, according to the Map or Plat recorded in Volume 2, Page 18, Map and Plat Records of Comal County, Texas.

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

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

Grantor, for the Consideration, and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all 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 and to

J A
T M.

hold it to Grantee and Grantee's heirs, successors, and assigns to warranty and forever defend all and singular the Property to Grantee and 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.

The Vendor's Lien against and Superior Title to the Property are retained until the Note described is fully paid according to its terms, at which time this Deed will become absolute. The Vendor's Lien and Superior Title herein retained are hereby transferred, assigned, sold, and conveyed to the payee of the Note, and the successors and assigns of the payee.

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

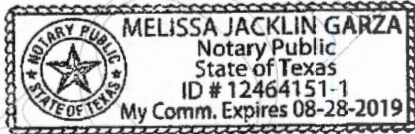
EXECUTED this 08 day of February, 2019.

Joan E. Platt
Joan E. Platt

THE STATE OF TEXAS
COUNTY OF Bexar

§
§
§

Before me, a Notary Public, the foregoing instrument was acknowledged on 8 day of February, 2019 by Joan E. Platt who personally appeared before me, and who is known to me through DL to be the person(s) who executed it for the purposes and consideration expressed therein, and in the capacity stated.



[Signature]
NOTARY PUBLIC, STATE OF

AFTER RECORDING, RETURN TO:

PREPARED IN THE LAW OFFICE OF
Shaddock & Associates, P. C.
2400 N. Dallas Parkway, Ste. 560
Plano, Texas 75093

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
02/14/2019 10:49:27 AM
LAURA 2 Pages(s)
201906005170



Bobbie Koepp

OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded

<i>items Date Received</i>	<i>initials</i>

<i>Permit Number</i>

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.

RECEIVED
SEP 11 2019

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
- 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

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

09/11/19

Date

___ COMPLETE APPLICATION	
Check No. _____	Receipt No. _____

___ INCOMPLETE APPLICATION	
(Missing Items Circled, Application Refused)	

A&R Construction
2102 Oak Valley Drive
New Braunfels, TX 78132

Phone: (830) 837-0050

www.buildingwithar.com tyler@buildingwithar.com

To: **Jamie Aguilera**
1462 Green Hill Drive
Canyon Lake, TX 78133

Printed: 6/27/2020
Site: 1462 Green Hill Drive
Canyon Lake, TX 78133
(830) 899-7950

Permit #: **109696**

Agency: Comal County

County: Comal

Mfg / Brand: -

Treatment Type: Septic

Sub: Canyon Lake Hills

Customer ID: 42

Contract Dates: 2/24/2020 - 2/24/2022

Scheduled Date: 6/24/2020

Inspection 1 of 6

Installed: 10/23/2019

Warranty End: 10/23/2021

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 6/19/2020

Time In: 5:11 pm

Out: 5:25 pm

Entered By: Tyler Mason

Method: Grab

Technician: Not Assigned

Maint. Provider: Tyler Mason

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Sludge Levels

For Tank 1: 14

Turbidity: Good

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving.

Insp ID #:82

A&R Construction
2102 Oak Valley Drive
New Braunfels, TX 78132

Phone: (830) 837-0050

www.buildingwithar.com tyler@buildingwithar.com

To: Ramiro Bernal
1462 Green Hill Drive
Canyon Lake, TX 78133

Printed: 11/20/2020
Site: 1462 Green Hill Drive
Canyon Lake, TX 78133
(505) 582-4886

Permit #: 109696	Customer ID: 42	-----
Agency: Comal County	Contract Dates: 2/24/2020 - 2/24/2022	
County: Comal	Sub: Canyon Lake Hills	Scheduled Date: 10/24/2020 Inspection 2 of 6
Mfg / Brand: Nu-Water -		Installed: 10/23/2019
Treatment Type: Aerobic		Warranty End: 10/23/2021
Disposal: Absorption		

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 11/5/2020

Time In: 12:51 pm Out: 1:35pm

Entered By: Tyler Mason

Method: Grab

Copy emailed to Customer
Customer Emailed: 11/20/2020

Technician: Not Assigned

Maint. Provider: Tyler Mason

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Residual: 0.1mg/L

Turbidity: Good

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Copy emailed to the customer on 11/20/2020.

Insp ID #:141

A&R Construction
2102 Oak Valley Drive
New Braunfels, TX 78132

Phone: (830) 837-0050

www.buildingwithar.com tyler@buildingwithar.com

To: **Ramiro Bernal**
1462 Green Hill Drive
Canyon Lake, TX 78133

Printed: 3/1/2021
Site: 1462 Green Hill Drive
Canyon Lake, TX 78133
(505) 582-4886

Permit #: **109696**

Agency: Comal County

County: Comal

Mfg / Brand: Nu-Water -

Treatment Type: Aerobic

Disposal: Absorption

Sub: Canyon Lake Hills

Customer ID: 42

Contract Dates: 2/24/2020 - 2/24/2022

Scheduled Date: 2/24/2021

Inspection 3 of 6

Installed: 10/23/2019

Warranty End: 10/23/2021

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 2/1/2021

Time In: 2:30 pm

Out: 2:50 pm

Entered By: Tyler Mason

Copy emailed to Customer

Customer Emailed: 3/1/2021

Method: Grab

Technician: Not Assigned

Maint. Provider: Tyler Mason

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 6

Turbidity: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Non-Operational

Comments

Service Completed

Spray for Ants and add Bleach Required: Pest control. Fire ants are present and can cause damage to your system, and potentially void your warranty. Prior to our next service ants must be eradicated for technician to perform maintenance. - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 3/1/2021.

Insp ID #:245

A&R Construction
2102 Oak Valley Drive
New Braunfels, TX 78132

Phone: (830) 837-0050

www.buildingwithar.com tyler@buildingwithar.com

To: Ramiro Bernal
1462 Green Hill Drive
Canyon Lake, TX 78133

Printed: 7/9/2021
Site: 1462 Green Hill Drive
Canyon Lake, TX 78133
(505) 582-4886

Permit #: **109696**
Agency: Comal County
County: Comal
Mfg / Brand: Nu-Water -
Treatment Type: Aerobic
Disposal: Absorption

Sub: Canyon Lake Hills

Customer ID: 42
Contract Dates: 2/24/2020 - 2/24/2022
Scheduled Date: 6/24/2021 Inspection 4 of 6
Installed: 10/23/2019
Warranty End: 10/23/2021

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 6/17/2021

Time In: 9:27am

Out: 9:37am

Entered By: Tyler Mason

Copy emailed to Customer
Customer Emailed: 7/9/2021

Method: Grab

Technician: Not Assigned

Maint. Provider: Tyler Mason

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Sludge Levels

For Tank 1: 8

Chlorine Residual: 0.1mg/L

Turbidity: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 7/9/2021.

Insp ID #362

A&R Construction
2102 Oak Valley Drive
New Braunfels, TX 78132

Phone: (830) 837-0050

www.buildingwithar.com tyler@buildingwithar.com

To: Ramiro Bernal
1462 Green Hill Drive
Canyon Lake, TX 78133

Printed:10/27/2021
Site: 1462 Green Hill Drive
Canyon Lake, TX 78133
(505) 582-4886

Permit #: 109696	Customer ID: 42	-----
Agency: Comal County	Contract Dates: 2/24/2020 - 2/24/2022	
County: Comal	Scheduled Date: 10/24/2021	Inspection 5 of 6
Mfg / Brand: Nu-Water -		Installed: 10/23/2019
Treatment Type: Aerobic		Warranty End: 10/23/2021
Disposal: Absorption		

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 10/14/2021

Time In: 8:45am

Out: 9:00 am

Entered By: Tyler Mason

Method: Grab

Copy emailed to Customer

Customer Emailed: 10/27/2021

Technician: Doug Draeger

Maint. Provider: Tyler Mason

Aerators: Operational

Sludge Levels

Filters: Operational

For Tank 1: 12

Irrigation Pumps: Operational

Disinfection Device: Operational

For Tank 3: 2

Chlorine Residual: 0.1mg/L

Turbidity: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

Service Completed

- Required: Pest control. Ants are present and can cause damage to your system, and potentially void your warranty. Prior to our next service ants must be eradicated for technician to perform maintenance. - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 10/27/2021.

Insp ID #:493

A&R Construction
2102 Oak Valley Drive
New Braunfels, TX 78132

Phone: (830) 837-0050

www.buildingwithar.com tyler@buildingwithar.com

To: Ramiro Bernal
1462 Green Hill Drive
Canyon Lake, TX 78133

Printed:2/8/2022
Site: 1462 Green Hill Drive
Canyon Lake, TX 78133
(505) 582-4886

Permit #: 109696	Customer ID: 42	-----
Agency: Comal County	Contract Dates: 2/24/2020 - 2/24/2022	
County: Comal	Scheduled Date: 2/24/2022	Inspection 6 of 6
Mfg / Brand: Nu-Water -		Installed: 10/23/2019
Treatment Type: Aerobic		Warranty End: 10/23/2021
Disposal: Absorption		

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 2/1/2022

Time In: 2:15

Out: 2:30

Entered By: Tyler Mason

Method: Grab

Copy emailed to Customer

Customer Emailed: 2/8/2022

Technician: Doug Draeger

Maint. Provider: Tyler Mason

Aerators: Operational

Sludge Levels

Filters: Operational

For Tank 1: 12

Irrigation Pumps: Operational

Disinfection Device: Operational

For Tank 3: 1

Chlorine Residual: 0.1mg/L

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

Trash tank needs pumping in next 6-8 months. Treat for ants around aerator. - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Copy emailed to the customer on 2/8/2022.

Insp ID #:646

Maintenance and Service Inspection Form

Cisco Septic Service

4754 Rakowitz Rd

Adkins, Tx 78101

ciscoseptic.com | 210-598-9090 | ciscoseptic@gmail.com

Aerobic Septic System Inspection Report

Agency	County	Permit Number
comal	comal	109696
Client Name	Address	Date
Ramiro Bernal	1462 Green Hill Dr.	3/15/23
Technician Name	Time In	Time Out
Dillon Ahr	9:00	9:15
Service Type	Inspections	Contract Period
Scheduled Inspection	# 2 Of # 6	From 6/2022 To 6/2024
Installed	Maint. Provider	License Number
	Tyler Mason	MP#0002228

System Inspection

Disposal (Spray Or Drip)	<u>Drip</u>	Method
		Grab

The following will be marked "Operational or Non-Operational or N/A"

Aeration	<u>operational</u>	Distribution System	<u>operational</u>
Filters	<u>operational</u>	Sprayfield Vegetation	<u>operational</u>
Irrigation Pumps	<u>operational</u>	Alarm	<u>operational</u>
Electric Circuits	<u>operational</u>	Turbidity	<u>operational</u>
Disinfection Device	<u>operational</u>		

The following will be marked "Good or Bad "

Color	<u>good</u>
Odor	<u>good</u>

The following is the system overall health

Chloine Residual Amount	<u>Empty</u>
Needs Bleach?	Yes or <input checked="" type="radio"/> No

Sludge in tank 1 (in)	<u>4</u>	Sludge in tank 3 (in)	<u>1</u>	Sludge in other tank (in)	_____
Sludge in tank 2 (in)	<u>2</u>	Sludge in tank 4 (in)	_____		

System needs pumping?	Yes or <input checked="" type="radio"/> No
-----------------------	--

Comments to Customer

<u>Tank and filters look good.</u>

Maintenance and Service Inspection Form

Cisco Septic Service

4754 Rakowitz Rd

Adkins, Tx 78101

ciscoseptic.com | 210-598-9090 | ciscoseptic@gmail.com

Aerobic Septic System Inspection Report

Agency	County	Permit Number
Comal	Comal	109696
Client Name	Address	Date
Ramiro Bernal	1462 Green Hill Drive	7/13/2023
Technician Name	Time In	Time Out
Frank Mendieta	10:35	10:59
Service Type	Inspections	Contract Period
Scheduled Inspection	3 Of 6	From Jun-22 To Jun-24
Installed	Maint. Provider	License Number
	Tyler Mason	MP#0002228 Exp 05/31/25

System Inspection

Disposal (Spray Or Drip)	Method
Drip	Grab

The following will be marked "Operational or Non-Operational or N/A"

Aeration	<u>Operational</u>	Distribution System	<u>Operational</u>
Filters	<u>Operational</u>	Sprayfield Vegetation	<u>Operational</u>
Irrigation Pumps	<u>Operational</u>	Alarm	<u>Operational</u>
Electric Circuits	<u>Operational</u>	Turbidity	<u>Operational</u>
Disinfection Device	<u>Operational</u>		

The following will be marked "Good or Bad "

Color	<u>Good</u>
Odor	<u>Good</u>

The following is the system overall health

Chloine Residual Amount	<u>3-Jan</u>
Needs Bleach?	<u>No</u>

Sludge in tank 1 (in)	<u>10in</u>	Sludge in tank 3 (in)	<u>2in</u>	Sludge in other tank (in)	<u> </u>
Sludge in tank 2 (in)	<u>2in</u>	Sludge in tank 4 (in)	<u>0in</u>		

System needs pumping? No

Comments to Customer

Adjusted time to correct time of day and cleaned drip filter.

Maintenance and Service Inspection Form

Cisco Septic Service

4754 Rakowitz Rd
Adkins, Tx 78101

ciscoseptic.com | 210-598-9090 | ciscoseptic@gmail.com

Aerobic Septic System Inspection Report

Agency	County		Permit Number
Comal	Comal		109696
Client Name		Address	Date
Ramiro Bernal		1462 Green Hill Drive	10/26/2023
Technician Name		Time In	Time Out
Francisco Mendieta		925 am	934 am
Service Type	Inspections		Contract Period
Scheduled Inspection	# 1	Of # 3	From 6/1/2022 To 6/1/2024
Installed	Maint. Provider		License Number
	Tyler Mason		MP#0002228 Exp 05/31/25

System Inspection

Disposal (Spray Or Drip)	Method
Drip	Grab

The following will be marked "Operational or Non-Operational or N/A"

Aeration	<u>Operational</u>	Distribution System	<u>Operational</u>
Filters	<u>Operational</u>	Sprayfield Vegetation	<u>Operational</u>
Irrigation Pumps	<u>Operational</u>	Alarm	<u>Operational</u>
Electric Circuits	<u>Operational</u>	Turbidity	<u>Operational</u>
Disinfection Device	<u>Operational</u>		

The following will be marked "Good or Bad "

Color	<u>Good</u>
Odor	<u>Good</u>

The following is the system overall health

Chloine Residual Amount	<u>0</u>
Needs Bleach?	<u>No</u>

Sludge in tank 1 (in)	<u>18 in</u>	Sludge in tank 3 (in)	<u>12 in</u>	Sludge in other tank (in)	<u>N/A</u>
Sludge in tank 2 (in)	<u>0 in</u>	Sludge in tank 4 (in)	<u>2 in</u>		

System needs pumping? No

Comments to Customer

Working properly
Cleaned air compressor filter.

Your Septic's Health Report

Tyler Mason
MP0002228

(830) 837-0050 YourSepticTeam@gmail.com

Septic Inspection Report



Customer		County Information	
Inspection		Agency	
Inspection Date		County	
Service Type		Contact	
Address		Permit #	
Email			
Mfg/Brand		Maint. Provider	Tyler Mason
Treatment Type	Aerobic	License	MP0002228 Expires:5/31/25
Disposal		Technician	
Installed		Method	Grab
Contract End		Time In	
Inspection Months		Time Out	

System Status

Aerators		Tank 1 (in)	
Filters		Tank 2 (in)	
Irrigation Pumps		Tank 3 (in)	
Disinfection Device		Chlorine Residual	
Tank needs pumping		Turbidity	
Electric Circuits		Color	
Distribution System		Odor	
Sprayfield Veg		Alarm	
TankLid/Riser		Overall Health	

Comments

For questions or to update owner information, please email YourSepticTeam@gmail.com

Maintenance and Service Inspection Form

Cisco Septic Service

Aerobic Septic System Inspection Report
ciscoseptic.com | 210-598-9090 | ciscoseptic@gmail.com

Agency	County			Permit Number	
Comal	Comal			109696	
Client Name		Address		Date	
Ramiro Bernal		1462 Green Hill Drive		2/28/2024	
Technician Name		Time In		Time Out	
Francisco Mendieta		9:14 AM		9:25 AM	
Service Type	Inspections			Contract Period	
Scheduled Inspection	#2	Of	#3	From	Jun-23 To Oct-24
Installed	Maint. Provider			License Number	
	Tyler Mason			MP#0002228 Exp 05/31/25	

System Inspection

Disposal (Spray Or Drip)	Method
Drip	Grab

The following will be marked "Operational or Non-Operational or N/A"

Aeration	<u>Operational</u>	Distribution System	<u>Operational</u>
Filters	<u>Operational</u>	Field Vegetation	<u>Operational</u>
Irrigation Pumps	<u>Operational</u>	Alarm	<u>Operational</u>
Electric Circuits	<u>Operational</u>	Turbidity	<u>Operational</u>
Disinfection Device	<u>Operational</u>		

The following will be marked "Good or Bad "

Color	<u>Good</u>
Odor	<u>Good</u>

The following is the system overall health

Chloine Residual Amount	<u>0</u>
Needs Bleach?	<u>No</u>

Sludge in tank 1 (in)	<u>32</u>	Sludge in tank 3 (in)	<u>30</u>	Sludge in other tank (in)	<u>N/A</u>
Sludge in tank 2 (in)	<u>3</u>	Sludge in tank 4 (in)	<u>1</u>		

System needs pumping? No

Comments to Customer

Working Properly

Maintenance and Service Inspection Form

Cisco Septic Service

Aerobic Septic System Inspection Report
 ciscoseptic.com | 210-598-9090 | ciscoseptic@gmail.com

Agency	County		Permit Number
Comal	Comal		109696
Client Name		Address	Date
Ramiro Bernal		1462 Green Hill Drive	6/13/2024
Technician Name		Time In	Time Out
Francisco Mendieta		3:25 PM	3:35 PM
Service Type	Inspections		Contract Period
Scheduled Inspection	#3	Of #3	From Oct-23 To Oct-24
Installed	Maint. Provider		License Number
	Tyler Mason		MP#0002228 Exp 05/31/25

System Inspection

Disposal (Spray Or Drip)	Method
Drip	Grab

The following will be marked "Operational or Non-Operational or N/A"

Aeration	<u>Operational</u>	Distribution System	<u>Operational</u>
Filters	<u>Operational</u>	Field Vegetation	<u>Operational</u>
Irrigation Pumps	<u>Operational</u>	Alarm	<u>Operational</u>
Electric Circuits	<u>Operational</u>	Turbidity	<u>Operational</u>
Disinfection Device	<u>Operational</u>		

The following will be marked "Good or Bad "

Color	<u>Bad</u>
Odor	<u>Good</u>

The following is the system overall health

Chloine Residual Amount	<u>Empty</u>				
Needs Bleach?	<u>No</u>				
Sludge in tank 1 (in)	<u>24</u>	Sludge in tank 3 (in)	<u>48</u>	Sludge in other tank (in)	<u>N/A</u>
Sludge in tank 2 (in)	<u>4</u>	Sludge in tank 4 (in)	<u>2</u>		

System needs pumping? Yes

Comments to Customer

Overall system is working properly
We do recommend pumping as the sludge levels are reading within pumping parameters.
Please note this is your final contracted inspection. For renewal, please contact our office.