



**COMAL COUNTY**  
ENGINEER'S OFFICE

**License to Operate On-Site Sewage Treatment and Disposal Facility**

Issued This Date: **02/27/2020** Permit Number: **110106**

Location Description: 10407 FELSBLOCK LN  
NEW BRAUNFELS, TX 78132  
Subdivision: Rockwall Ranch  
Unit: 1  
Lot: 8  
Block: 16  
Acreage:

Type of System: Aerobic  
Surface Irrigation

Issued to: Richard & Peggy Gonzalez

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

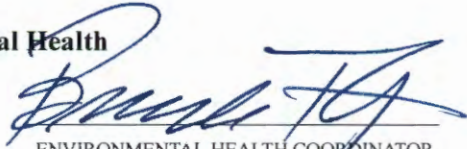
may require a new permit. **It is the responsibility of the owner to apply for a new permit, if applicable.**

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**

 **OS8497**  
ENVIRONMENTAL HEALTH INSPECTOR

  
ENVIRONMENTAL HEALTH COORDINATOR

**OS0007722**

## Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Rob Wise OSSF Installer #: OS0021093

1st Inspection Date: 2/18/2020 2nd Inspection Date: 2/24/20 3rd Inspection Date: 2/27/20

Inspector Name: CONNOR Inspector Name: mike T. Inspector Name: mike T.

Permit#: 110106

Address: Rockwall Ranch 10407 Felsblock LN

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	X	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)		X	✓ 2/24/20	2/27/20
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	X	285.91(10) 285.30(b)(4) 285.31(d)		X		
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	X	285.32(a)(1)		X		
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	X	285.32(a)(3)		X		
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	X	285.32(a)(5)		X		
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)				

Existing system. Spray head relocation. Revision needed for a cabana that has been built. 1st spray head closest to driveway needs to be moved. Sprays on the driveway. No operational done. Inspection fails.

MT- 2/24/20  
operational  
3 trees need to be removed  
Cleared. need grass!

MT- 2/27/20  
covered 2 trees removed.

**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	X	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		X		
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	✓		Existing 500	2/24/20		2/27/20
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		Existing Aqua Clear			
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)				

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OSSF Inspection Sheet**

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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)				



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OSSF Inspection Sheet**

No.	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 &lt; 2.0%</p> <p>EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field ( 1000 Linear ft. for 2 bedrooms or Less &amp; an additional 400 ft. for each additional bedroom )</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. &amp; 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.) &amp; 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)	Existing system	2/24/20		2/27/20
34	<p>AEROBIC TREATMENT UNIT Inspection/Clean Out Port &amp; 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>	✓		Adding spray Head to Back			
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 &amp; 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 &amp; 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)(I)285.33(d)(2)(G)(iii)(II)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)	Need grass in front yard	2/24/20		2/27/20
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)	3 faces need removed in front yard.			
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: Rob Wise OSSF Installer #: OS0021093

1st Inspection Date: 2/18/2020 2nd Inspection Date: 2/24/20 3rd Inspection Date: \_\_\_\_\_

Inspector Name: CONNOR Inspector Name: MIKE T. Inspector Name: \_\_\_\_\_

Permit#: 110106 Address: Rockwall Ranch 10407 Felsblock LN

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3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	X	285.32(a)(1)		X		
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	X	285.32(a)(3)		X		
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	X	285.32(a)(5)	~	X		
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)				
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Existing system. Spray head relocation. Revision needed for a cabana that has been built. 1st spray head closest to driveway needs to be moved. Sprays on the driveway. No operational done. Inspection fails.

MT- 2/24/20  
operational  
3 trees need to be removed,  
10' or less. Coverd. need grass!

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Site Map  
 Aerobic With Spray  
 Distribution System  
 Richard Gonzales  
 Lot 16, Block 8, Unit 1  
 Rockwall Ranch  
 10407 Felsblock Lane  
 New Braunfels, Texas 78132

PL 171.10'

**SCALE 1" = 30'**

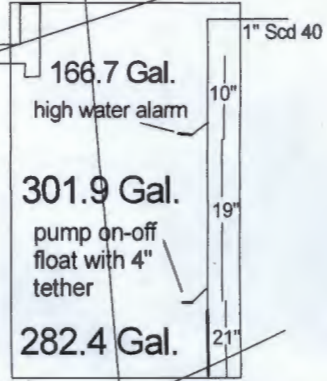
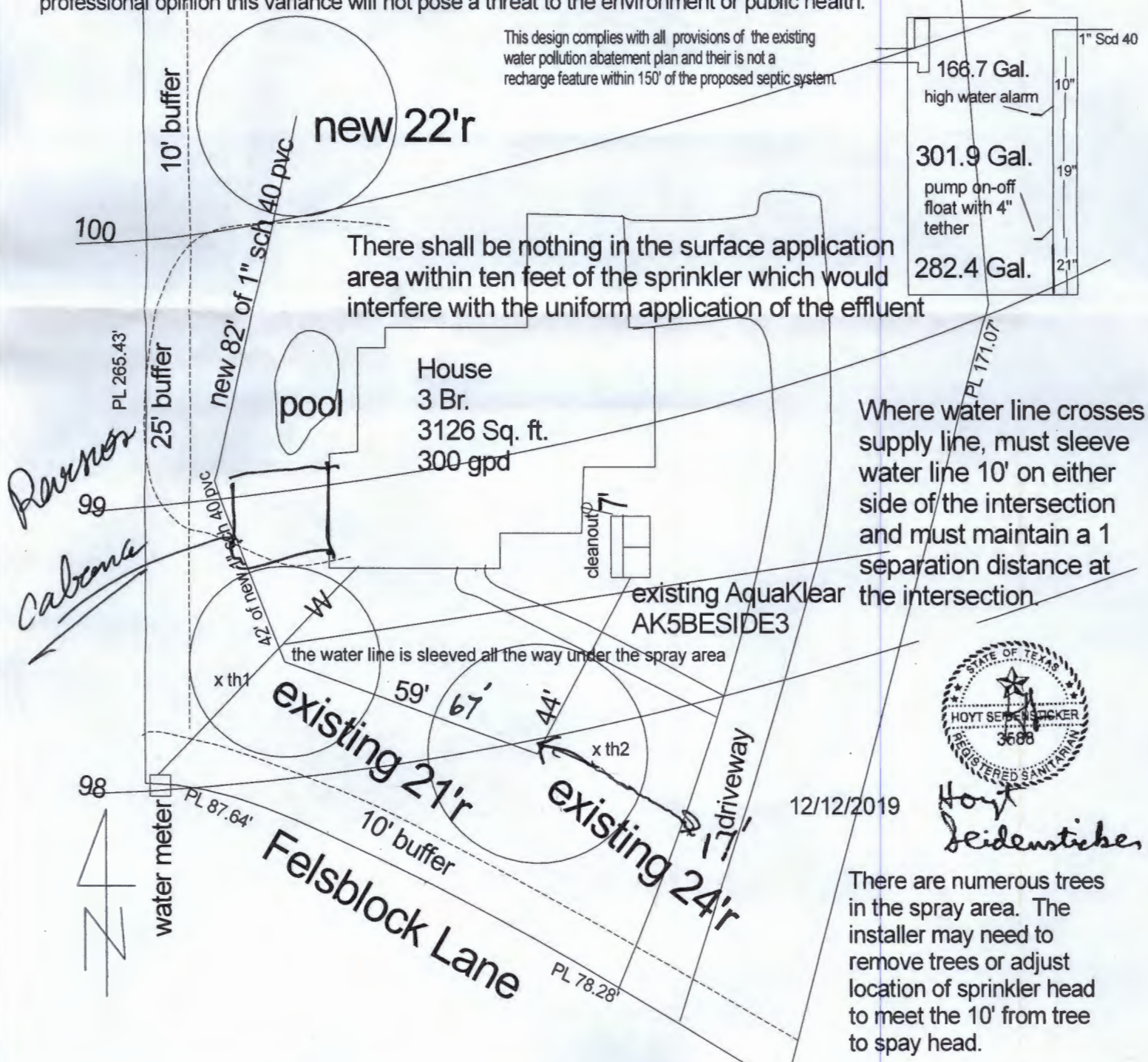
Surface application should be done between the hours of 12:00 midnight and 5:00 a.m.  
 All external electrical lines must be in gray conduit  
 Areas that rock is exposed must be covered with a suitable amount of material. Areas that are bare or have been disturbed must be sodded with a mixture of rye and bermuda grasses or other grass species prior to system operation.

**Permit**  
**110106**  
**REVISED**  
 8:50 am, Dec 13, 2019

**Comal County**

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.

This design complies with all provisions of the existing water pollution abatement plan and there is not a recharge feature within 150' of the proposed septic system.



Where water line crosses supply line, must sleeve water line 10' on either side of the intersection and must maintain a 1 separation distance at the intersection.

12/12/2019



*Hoyt Seidensticker*

There are numerous trees in the spray area. The installer may need to remove trees or adjust location of sprinkler head to meet the 10' from tree to spray head.

## Comal County Environmental Health OSSF Inspection Sheet

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1st Inspection Date: 2/18/2020 2nd Inspection Date: \_\_\_\_\_ 3rd Inspection Date: \_\_\_\_\_

Inspector Name: CONNOR Inspector Name: \_\_\_\_\_ Inspector Name: \_\_\_\_\_

Permit#: 110106 Address: Rockwall Ranch 10407 Felsblock LN

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3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	X	285.32(a)(1)		X		
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	X	285.32(a)(3)		X		
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	X	285.32(a)(5)		X		
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7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

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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	X	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		X		
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						
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						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



# COMAL COUNTY

ENGINEER'S OFFICE

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

Permit Number: 110106  
Issued This Date: 12/13/2019  
This permit is hereby given to: Richard & Peggy Gonzalez

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

10407 FELSBLOCK LN  
NEW BRAUNFELS, TX 78132

Subdivision: Rockwall Ranch  
Unit: 1  
Lot: 8  
Block: 16  
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.

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

Date November 6, 2019

Permit # 110106

Owner Name Richard and Peggy Gonzalez  
Mailing Address 10407 Felsblock Ln  
City, State, Zip New Braunfels, Tx. 78132  
Phone # 713.203.0203  
Email rgswgh@gmail.com

Agent Name Hoyt Seidertle  
Agent Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone # 210 714 6603  
Email hoyt@guts.com

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

Subdivision Name Rockwall Ranch Unit 1 Lot 8 Block 16  
Acreage/Legal \_\_\_\_\_  
Street Name/Address 10407 Felsblock Ln City New Braunfels Zip 78132

**Type of Development:**

Single Family Residential  
Type of Construction (House, Mobile, RV, Etc.) House  
Number of Bedrooms 3  
Indicate Sq Ft of Living Area 3126

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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)  
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 \_\_\_\_\_

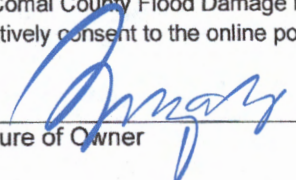
Estimated Cost of Construction: \$ \_\_\_\_\_ (Structure Only)

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.

  
Signature of Owner

November 6, 2019  
Date

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

Planning Materials & Site Evaluation as Required Completed By Hoyt Seibert

System Description Aerobic with Spray Distribution

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

Tank Size(s) (Gallons) 500 GPD Absorption/Application Area (Sq Ft) 4750.82  
~~173.17~~

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.)

HR 2-21-2020

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

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

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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.)

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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: \_\_\_\_\_

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

Hoyt Seibert

Date

12-6-19



AFFIDAVIT TO THE PUBLIC

THE COUNTY OF COMAL  
STATE OF TEXAS

Doc# 200606015008  
88093

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C

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

According to Texas Commission on Environmental Quality Rules for On-Site Sewage Facilities, **RECEIVED**  
this document is filed in the Deed Records of Comal County, Texas.

APR 28 2006

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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 TCEQ 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 TCEQ, 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 TCEQ requires a deed recording. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This deed certification is not a representation or warranty by the TCEQ of the suitability of this OSSF, nor does it constitute any guarantee by the TNRCC that the appropriate OSSF was installed.

II

An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code §285.91(12) will be installed on the property described as (legal description as shown on recorded warranty deed): 10407 Felsblock Lane, Lot 16 Block 8, unit 1  
Rockwell Ranch Subdivision.

The property is owned by (owner's full name as shown on recorded warranty deed):  
Richard + Betty Jo Dennis

This OSSF must be covered by a continuous maintenance contract. All maintenance on this OSSF must be performed by an approved maintenance company, and a signed maintenance contract must be submitted to Comal County Engineer's Office within 30 days after the property has been transferred.

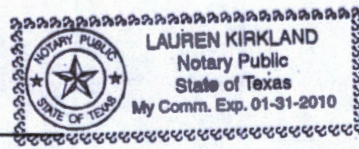
The owner will, upon sale or transfer of the above described property, request a transfer of the permit for the OSSF to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.

WITNES BY HAND(S) ON THIS 24 DAY OF MARCH, 2006

Richard M. Dennis  
Betty Jo Dennis  
Owner(s) signature(s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 24 DAY OF

March ~~2005~~ 2006  
Lauren Kirkland  
Notary Public, State of Texas



Notary's Printed Name: \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_

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This page has been added to comply with the statutory requirement that the clerk shall stamp the recording information at the bottom of the last page.

This page becomes part of the document identified by the file clerk number affixed on preceding pages.

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Doc# 200606015008  
# Pages 2  
04/17/2006 11:33AM  
Official Records of  
COMAL COUNTY  
JOY STREATER  
COUNTY CLERK  
Fees \$20.00



*Joy Streater*

Doc# 200606015008



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**Block Creek Concrete Products, LLC**  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

Date: 9/11/2018

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

**Contract Period**  
Start Date: 11/5/2018  
End Date: 11/5/2020

**Permit #: 88093**

Warranty Expired: 5/31/2009

Phone: (713) 203-0203      Subdivision: RockWall Ranch  
Site: 10407 Felsblock Ln, New Braunfels, TX 78132  
County:  
Installer: JAJ  
Agency: Comal County  
Mfg/Brand: Aerobic Solutions / AquaKlear

Installed: 5/31/2006      3 visits per year - one every 4 months  
Block Creek Concrete Products, LLC.  
Map Key:      ID: 10

**I. General:** This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between \_\_\_\_\_ (hereinafter referred to as "Customer") and Block Creek Aerobic Services, LLC. By this agreement, Block Creek Aerobic Services, LLC and its employees (hereinafter inclusively referred to as "Contractor") agree to render services at the site address stated above, as described herein, and the Customer agrees to fulfill his/her/their responsibilities, as described herein.

**II. Effective Date:**  
This Agreement commences on \_\_\_\_\_ and ends on \_\_\_\_\_ for a total of two (2) years (initial agreement) or one (1) year (thereafter). If this is an initial agreement (new installation), the Customer shall notify the Contractor within two (2) business days of the system's first use to establish the date of commencement. If no notification is received by Contractor within ninety (90) days after completion of installation or where county authority mandates, the date of commencement will be the date the "License to operate" (Notice of Approval) was issued by the permitting authority. This agreement may or may not commence at the same time as any warranty period of installed equipment, but in no case shall it extend the specified warranty.

**III. Termination of Agreement:**  
This Agreement may be terminated by either party for any reason, including for example, substantial failure of either party to perform in accordance with the terms of this Agreement, without fault or liability of the terminating party. The terminating party must provide written notice to the non-terminating party thirty (30) days prior to the termination of this Agreement. If this Agreement is terminated, Contractor will be paid at the rate of \$75.00 per hour for any work performed and for which compensation has not been received. After the deduction of all outstanding charges, any remaining monies from prepayment for services will be refunded to customer within thirty (30) days of termination of this Agreement. Either party terminating this Agreement for any reason, including non-renewal, shall notify in writing the equipment manufacturer and the appropriate regulatory agency a minimum of thirty (30) days prior to the date of such termination. Nonpayment of any kind shall be considered breach of contract and a termination of contract.

**IV. Services:**  
**Contractor will:**  
a. Inspect and perform routine upkeep on the On-Site Sewage Facility (hereinafter referred to as OSSF) as recommended by the treatment system manufacturer, and required by state and/or local regulation, for a total of three visits to site per year. The list of items checked at each visit shall be the: control panel, Electrical circuits, timer, Aeration including compressor and diffusers, CFM/PSI measured, lids safety pans, pump, compressor, sludge levels, and anything else required as per the manufacturer.  
b. Provide a written record of visits to the site by means of an inspection tag attached to or contained in the control panel.  
c. Repair or replace, if Contractor has the necessary materials at site, any component of the OSSF found to be failing or inoperative during the course of a routine monitoring visit. If such services are not covered by warranty, and the service(s) cost less than \$100.00, Customer hereby authorizes Contractor to perform the service(s) and bill Customer for said service(s). When service costs are greater than \$100.00, or if contractor does not have the necessary supplies at the site, Contractor will notify Customer of the required service(s) and the associated cost(s). Customer must notify Contractor of arrangements to affect repair of system within two (2) business days after said notification.  
d. Provide sample collection and laboratory testing of TSS and BOD on a yearly basis (commercial systems only).  
e. Forward copies of this Agreement and all reports to the regulatory agency and the Customer.  
f. Visit site in response to Customer's request for unscheduled services within forty-eight (48) hours of the date of notification (weekends and holidays excluded) of said request. Unless otherwise covered by warranty, costs for such unscheduled responses will be billed to Customer.



**V. Disinfection:**

Not required;  required. The responsibility to maintain the disinfection device(s) and provide any necessary chemicals is that of the Customer.

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**VI. Electronic Monitoring:**

Electronic Monitoring is not included in this Agreement.

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**VII. Performance of Agreement:**

Commencement of performance by Contractor under this Agreement is contingent on the following conditions:

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a. If this is an initial Agreement (new installation):

1. Contractor's receipt of a fully executed original copy or facsimile of this agreement and all documentation requested by Contractor.

If the above conditions are not met, Contractor is not obligated to perform any portion of this Agreement.

**VIII. Customer's Responsibilities:**

The customer is responsible for each and all of the following:

- a. Provide all necessary yard or lawn maintenance and removal of all obstacles, including but not limited to dogs and other animals, vehicles, trees, brush, trash, or debris, as needed to allow the OSSF to function properly, and to allow Contractor safe and easy access to all parts of the OSSF.
- b. Protect equipment from physical damage including but not limited to that damage caused by insects.
- c. Maintain a current license to operate, and abide by the conditions and limitations of that license, and all requirements for and OSSF from the State and/or local regulatory agency, whichever requirements are more stringent, as well as the proprietary system's manufacturer recommendations.
- d. Notify Contactor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.
- e. Provide, upon request by Contractor, water usage records for the OSSF so that the Contractor can perform a proper evaluation of the performance of the OSSF.
- f. Allow for samples at both the inlet and outlet of the OSSF to be obtained by Contractor for the purpose of evaluating the OSSF's performance. If these samples are taken to a laboratory for testing, with the exception of the service provided under Section IV (d) above, Customer agrees to pay Contractor for the sample collection and transportation, portal to portal, at a rate of \$35.00 per hour, plus the associated fees for laboratory testing.
- g. Prevent the backwash or flushing of water treatment or conditioning equipment from entering the OSSF.
- h. Prevent the condensation from air conditioning or refrigeration units, or the drains of icemakers, from hydraulically overloading the aerobic treatment units. Drain lines may discharge into the surface application pump tank if approved by system designer.
- i. Provide for pumping and cleaning of tanks and treatment units, when and as recommended by Contactor, at Customer's expense.
- j. Maintain site drainage to prevent adverse effects on the OSSF.
- k. Pay promptly and fully, all Contractor's fees, bills, or invoices as described herein.

**IX. Access by Contractor:**

Contractor is hereby granted an easement to the OSSF for the purpose of performing services described herein. Contractor may enter the property during Contractor's normal business hours and/or other reasonable hours without prior notice to Customer to perform the Services and/or repairs described herein. Contractor shall have access to the OSSF electrical and physical components. Tanks and treatment units shall be accessible by means of man ways, or risers and removable covers, for the purpose of evaluation as required by State and/or local rules and the proprietary system manufacturer. It is Customers responsibility to keep lids exposed and accessible at all times.

**X. Limit of Liability:**

Contractor shall not be held liable for any incidental, consequential, or special damages, or for economic loss due to expense, or for loss of profits or income, or loss of use to Customer, whether in contract tort or any other theory. In no event shall Contractor be liable in an amount exceeding the total Fee for Services amount paid by Customer under this Agreement.

**XI. Indemnification:**

Customer (whether one or more) shall and does hereby agree to indemnify, hold harmless and defend Contractor and each of its successors, assigns, heirs, legal representatives, devisees, employees, agents and/or counsel (collectively "Indemnitees") from and against any and all liabilities, claims, damages, losses, liens, causes of action, suits, fines, judgments and other expenses (including, but not limited to, attorneys' fees and expenses and costs of investigation), of any kind, nature or description, (hereinafter collectively referred to as "Liabilities") arising out of, caused by, or resulting, in whole or in part, from this Agreement.

**THIS INDEMNIFICATION APPLIES EVEN IF SUCH LIABILITIES ARE CAUSED BY THE CONCURRENT OR CONTRIBUTORY NEGLIGENCE OR BY THE STRICT LIABILITY OF ANY INDEMNITEE.**

Customer hereby waives its right of recourse as to any Indemnatee when Indemnification applies, and Customer shall require its insurer(s) to waive its/their right of subrogation to the extent such action is required to render such waiver of subrogation effective. Customer shall be subrogated to Indemnitees with respect to all rights Indemnitees may have against third parties with respect to matters as to which Customer provides indemnity and/or defense to Indemnitees. No Indemnification is provided to Indemnitees when the liability or loss results from (1) the sole responsibility of such Indemnatee; or, (2) the willful misconduct of such Indemnatee. Upon irrevocable acceptance of this Indemnification obligation, Customer, in its sole discretion, shall select and pay counsel to defend Indemnitees of and from any action that is subject to this Indemnification provision.

Indemnitees hereby covenant not to compromise or settle any claim or cause of action for which Customer has provided Indemnification without the



consent of Customer.

**XII. Severability:**

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

**XIII. Fee for Services:**

The Fee for Services does not include any fees for equipment, material, labor necessary for non-warranty repairs, unscheduled inspections, or Customer requested visits to the site.

**XIV. Payment:**

Full payment is due upon execution of this Agreement (Required of new Customer). For any other service(s) or repair(s) provided by Contractor the Customer shall pay the invoice(s) for said service(s) or repair(s) within thirty (30) days of the invoice date. The Contractor shall mail all invoices on the date of invoice. All payments not received within thirty (30) days from the invoice date will be subject to a \$29.00 late penalty and a 1.5% per month carrying charge, as well as any reasonable attorney's fees, and all collection and court costs incurred by Contractor in collection of unpaid debt(s). Contractor may terminate contract at any time for nonpayment for services. Any check returned to Contractor for any reason will be assessed a \$30.00 return check fee.

**XV. Application or Transfer of payment:**

The fees paid for this agreement may be transferred to subsequent property owner(s); however, this Agreement is not transferable. Customer shall advise the subsequent property owner(s) of the State requirement that they sign a replacement agreement authorizing Contractor to perform the herein described Services, and accepting Customer's Responsibilities. This replacement Agreement must be signed and received in Contractor's offices within ten (10) business days of date of transfer of property ownership. Contractor will apply all funds received from Customer first to any past due obligation arising from this Agreement including late fees or penalties, return check fees, and/or charges for services or repairs not paid within thirty (30) days of invoice date. Any remaining monies shall be applied to the funding of the replacement Agreement. The consumption of funds in this manner may cause a reduction in the termination date of effective coverage per this Agreement. See Section IV.

**XVI. Entire Agreement:**

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

*15 units 5. independent*

*Richard [Signature]*  
Customer Signature

Date *9/20/18*

Block Creek Aerobic Services, LLC,  
Contractor  
MC# 0000042 and MC#0000002

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ON-SITE SEWERAGE FACILITY  
Site Evaluation Report Information

Date: 11/6/2019

**Site Evaluator Information:**

**Applicant Information:**

Name: Richard and Peggy Gonzalez

Name: Hoyt Seidensticker

Address: 10407 Felsblock Lane

License OS00008771 Expires 8/31/2020

City: New Braunfels State: Texas Zip: 78132

Company: Land Stewardship Services, LLC

Phone: 713-203-0203

Address: 27115 Bent Trail

City: Boerne State: Texas Zip: 78006

Phone: (210) 414-6603 Fax: \_\_\_\_\_

**Property Location:**

Lot: 16 Block: 8 Sub.: Rockwall Ranch, unit 1

**Installer information:**

Street/Road Address: 10407 Felsblock Lane

Name: Rob Wise OS0021093

City: New Braunfels State: Texas Zip: 78132

Company: Rob Wise Construction

Unincorporated Area? Y or N

Address: P.O. Box 644

Additional information \_\_\_\_\_

City: Boerne State: Texas Zip: 78006

Phone: (210) 264-6745 Fax: (830) 537-3131

**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.

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**SITE DRAWING**

Lot Size: 1.22 acres

SEE ATTACHED

Signature of Site Evaluator

Site Evaluator License No:

OS8771

# ON-SITE SEWERAGE FACILITY Soil Evaluation Report Information

Date Soil Survey Performed: 11/6/2019  
 Site Location: 10407 Felsblock Lane  
 Name of Site Evaluator: Hoyt Seidensticker Registration Number: OS00008771  
 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. Locations 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	Clay loam rock	<30%	None	yes, rock	Red
1 <u>12 in</u>						
2						
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	Clay loam rock	<30%	None	yes, rock	Red
1 <u>12 in</u>						
2						
3						
4						
5						

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### Features of Site Area

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

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

Hoyt Seidensticker  
Signature of Site Evaluator

12-7-19  
Date



2/21/2020  
7:44 AM  
Aerobic with Spray  
Distribution System

# ON-SITE SEWERAGE FACILITY DESIGN CRITERIA

Richard and Peggy Gonzalez

**REVISED**  
9:34 am, Feb 21, 2020

### Property Information:

St. Address: 10407 Felsblock Lane  
City: New Braunfels State: Texas  
Zip code: 78132

### Predicted Quantity of Sewage (Q)

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

### Rate of Adsorption (Ra)

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

### Aerobic Unit

Pretreatment Tank (gallons): 424  
Class 1 Aerobic Unit: AquaKlear AK5BESIDE3  
Pump tank total capacity (gal): 751  
Chlorination: Liquid in Pump Tank  
Pump Switch operation: Float  
Dosing cycle quantity (gals): Varied  
Cycling time: night time  
Pump size and capacity: Red Jacket ES 18/E610

### Supply Line from House

Length of supply line (approx. ft): 7  
Type of supply line: SCH 40 PVC  
Size of Supply line (in): 3 or 4

### House Information

Number of Bedrooms: 4  
Sq. footage (Approx.): 3126  
Water Supply: KT Water Development

### Supply Line For Spray Irrigation System

Length of supply line (approx. ft): 243  
Type of supply line: Purple SCH 40  
Size of supply line (in): 1

### Sprinkler Head Information

K-Rain sprinkler head **PROPLUS**, low angle  
nozzle #6, 6.5gpm @ 40 psi or **equivalent**

### Disposal Area per this System

$$\begin{aligned} \pi (21)^2 &= 1384.74 \\ \pi (24)^2/2 &= 904.32 \\ \pi (28)^2 &= 2461.76 \end{aligned}$$

Total irrigated area (sq. ft.): 4750.82

### Head Pressure

Elevation Head: 4  
Pressure Head: 92  
Friction Head: 9.72  
Total head: 105.72

All design criteria is in accordance with Chapter 285, Subchapter D, §285.30 & §285.40,  
Texas Commission on Environmental Quality (Effective December 27, 2012).

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

\_\_\_\_\_  
Hoyt Seidensticker, R.S. No. 3588

\_\_\_\_\_  
Date

2/21/2020

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

Cell (210) 414-6603,



The above design was based on the best available information and should function properly under normal operating conditions.



2/21/2020

7:44 AM

Aerobic with Spray  
Distribution System

# ON-SITE SEWERAGE FACILITY

## DESIGN CRITERIA

Richard and Peggy Gonzalez

**REVISED**

9:34 am, Feb 21, 2020

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 chlorination before flowing to the pump tank for disposal through sprinkler heads. All warning systems shall be installed with the aerobic unit.

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 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 install aerobic system.

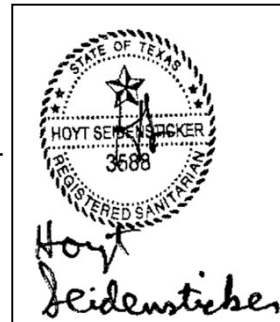
All design criteria is in accordance with Chapter 285, Subchapter D, §285.30 & §285.40, Texas Commission on Environmental Quality (Effective December 27, 2012).

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

\_\_\_\_\_  
Hoyt Seidensticker, R.S. No. 3588

Land Stewardship Services, 27115 Bent Trail, Boerne, Texas 78006  
Cell (210) 414-6603,

\_\_\_\_\_  
Date



The above design was based on the best available information and should function properly under normal operating conditions.

Site Map  
 Aerobic With Spray  
 Distribution System  
 Richard Gonzales  
 Lot 16, Block 8, Unit 1  
 Rockwall Ranch  
 10407 Felsblock Lane  
 New Braunfels, Texas 78132  
 Comal County

Permit  
 110106

PL 171.10'

SCALE 1" = 30'

**REVISED**  
 3:45 pm, Feb 21, 2020

I hereby request a variance to the 20 foot setback to property line 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.

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

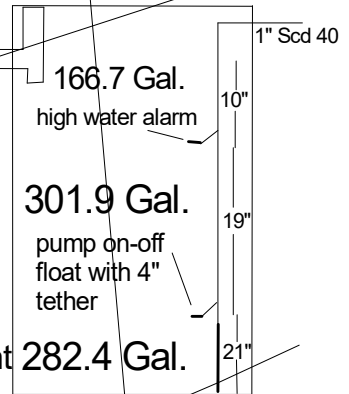
Surface application should be done between the hours of 12:00 midnight and 5:00 a.m.

All external electrical lines must be in gray conduit

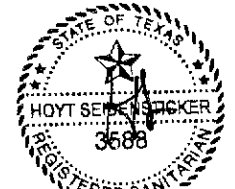
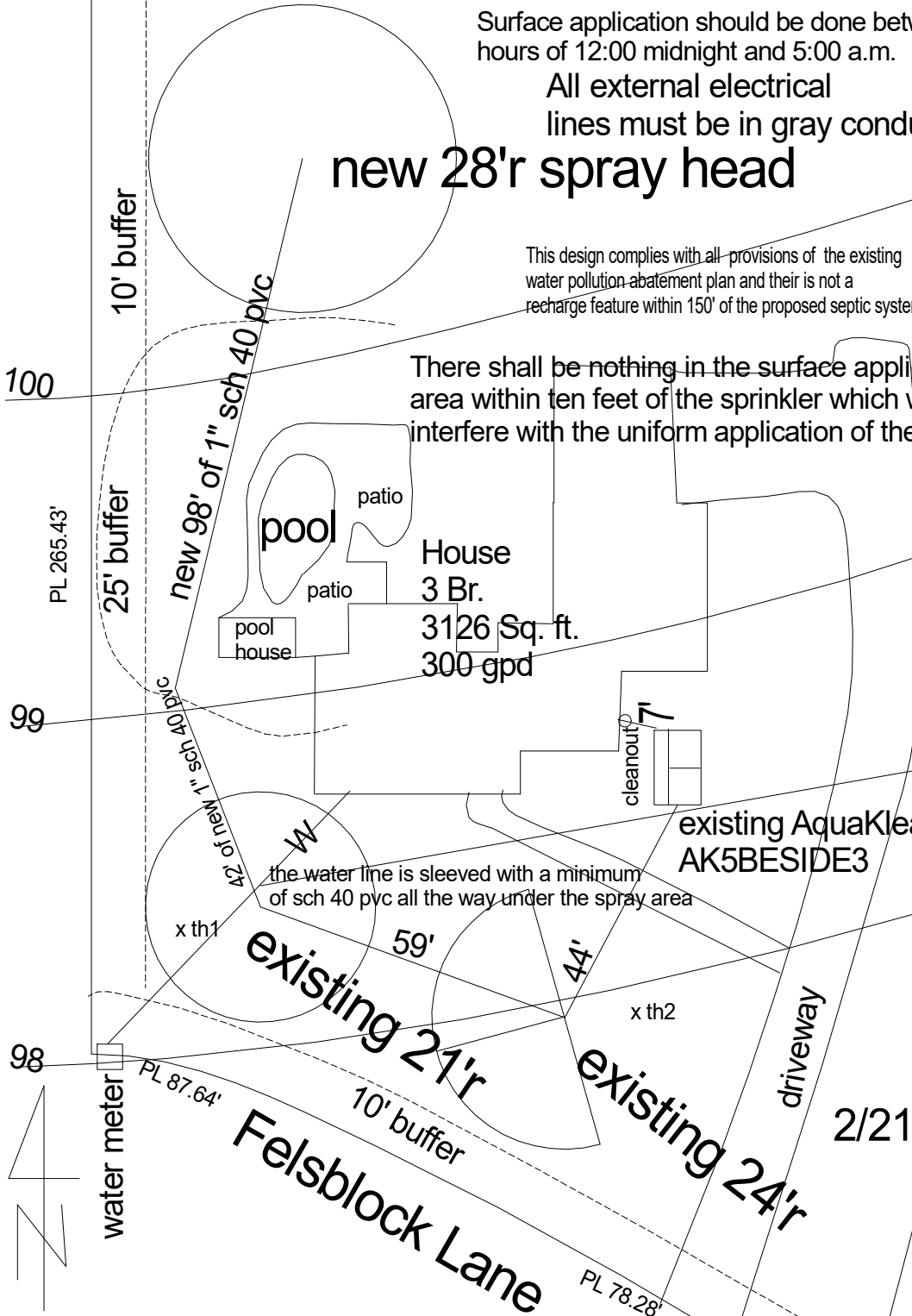
**new 28'r spray head**

This design complies with all provisions of the existing water pollution abatement plan and their is not a recharge feature within 150' of the proposed septic system.

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



Where water line crosses supply line, must sleeve water line with a minimum of sch 40 pvc, 10' on either side of the intersection and must maintain a 1 separation distance at the intersection.

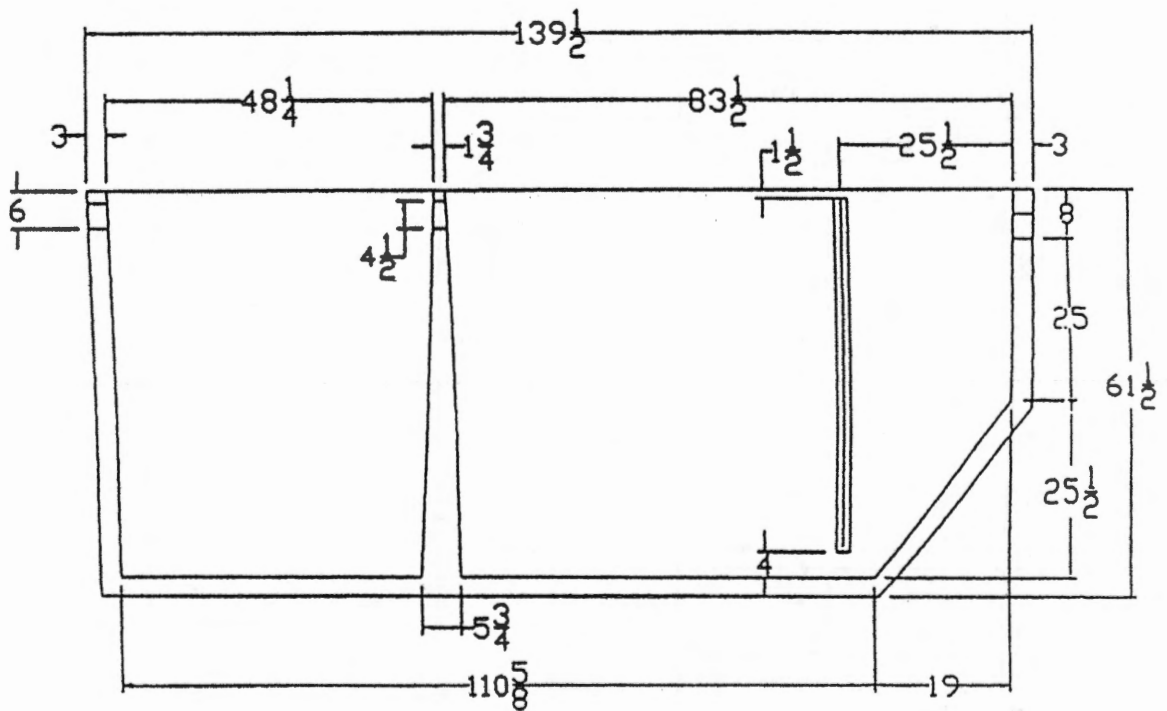
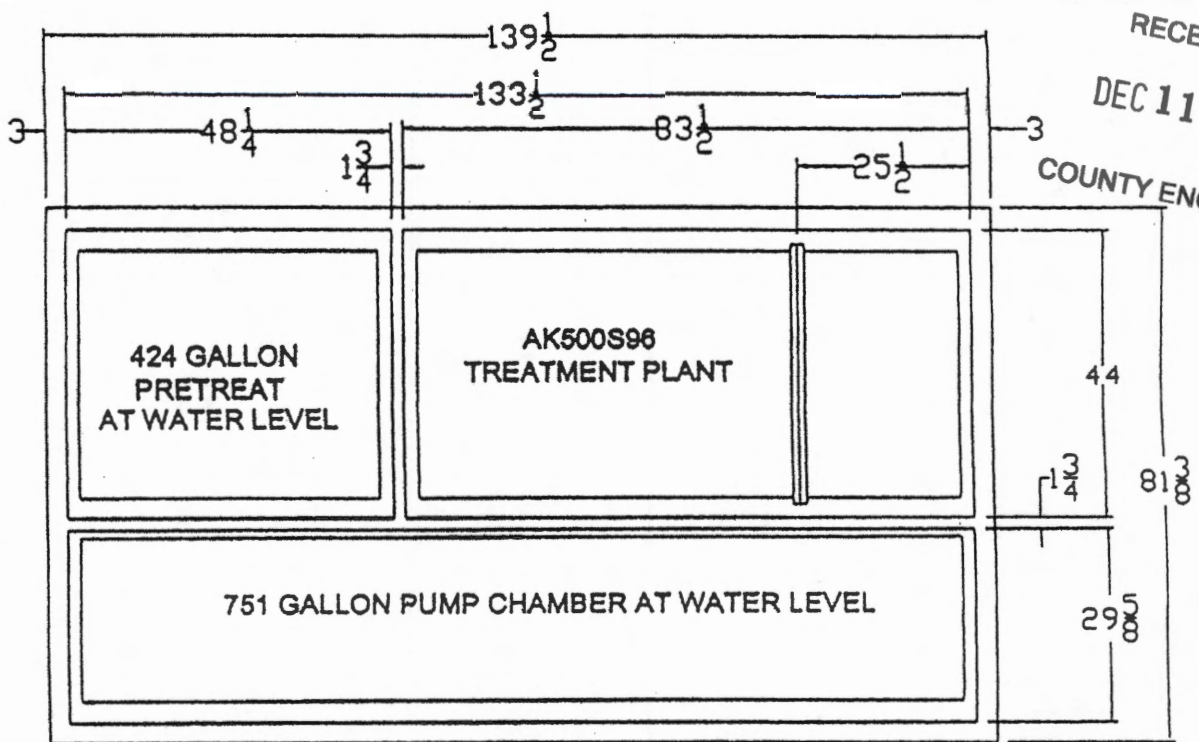


*Hoyt Seidensticker*

2/21/2020

There are numerous trees in the spray area. The installer may need to remove trees or adjust location of sprinkler head to meet the 10' from tree to spray head.

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AQUAKLEAR  
 JACKSON, MISSISSIPPI  
 MODEL NO. AK5BESIDE3



# 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

<b>11003</b>	<i>ProPlus</i>
<b>11003-HP</b>	<i>ProPlus 12" High Pop</i>
<b>11003-SH</b>	<i>ProPlus Shrub Head</i>

OTHER OPTIONS: ADD TO PART NUMBER

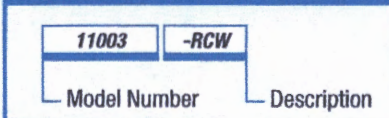
<b>-CV</b>	Check Valve
<b>-LA</b>	Low Angle Nozzle
<b>-NN</b>	No Nozzle
<b>-RCW</b>	<i>ProPlus for Reclaimed Water w/Low Angle Nozzle</i>

## 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"

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## PERFORMANCE DATA

PERFORMANCE				METRIC			
NOZZLES	PRESSURE PSI	RADIUS FT.	FLOW GPM	NOZZLES	PRESSURE KPA	RADIUS METERS	FLOW L/M
#0.5	30	28'	.5	#0.5	206	2.0	8.5
	40	29'	.6		275	3.0	8.8
	50	29'	.7		345	3.5	8.8
	60	30'	.8		413	4.0	9.1
#0.75	30	29'	.7	#0.75	206	2.0	8.8
	40	30'	.8		275	3.0	9.1
	50	31'	.9		345	3.5	9.4
	60	32'	1.0		413	4.0	9.8
#1	30	32'	1.3	#1	206	2.0	9.8
	40	33'	1.5		275	3.0	10.1
	50	34'	1.6		345	3.5	10.4
	60	35'	1.8		413	4.0	10.7
#2	30	37'	2.4	#2	206	2.0	11.3
	40	40'	2.5		275	3.0	12.2
	50	42'	3.0		345	3.5	12.8
	60	43'	3.3		413	4.0	13.1
#2.5 PRE-INSTALLED	30	38'	2.5	#2.5 PRE-INSTALLED	206	2.04	11.6
	40	39'	2.8		275	2.72	11.9
	50	40'	3.2		345	3.40	12.2
	60	41'	3.5		413	4.08	12.5
#3	30	38'	3.6	#3	206	2.0	11.6
	40	39'	4.2		275	3.0	11.9
	50	41'	4.6		345	3.5	12.5
	60	42'	5.0		413	4.0	12.8
#4	30	43'	4.4	#4	206	2.0	13.1
	40	44'	5.1		275	3.0	13.4
	50	46'	5.6		345	3.5	14.0
	60	49'	5.9		413	4.0	14.9
#6	40	45'	5.9	#6	206	3.0	13.7
	50	46'	6.0		275	3.5	14.0
	60	48'	6.3		345	4.0	14.6
	70	49'	6.7		413	5.0	14.9
#8	40	42'	8.0	#8	206	3.0	12.8
	50	45'	8.5		275	3.5	13.7
	60	49'	9.5		345	4.0	14.8
	70	50'	10.0		413	5.0	15.3

## LOW ANGLE DATA

LOW ANGLE DATA				METRIC			
NOZZLES	PRESSURE PSI	RADIUS FT.	FLOW GPM	NOZZLES	PRESSURE KPA	RADIUS METERS	FLOW L/M
#1	30	22'	1.2	#1	207	2.04	6.71
	40	24'	1.7		275	2.72	7.32
	50	26'	1.8		344	3.40	7.92
	60	28'	2.0		413	4.08	8.53
#3	30	29'	3.0	#3	207	2.04	8.84
	40	32'	3.1		275	2.72	9.75
	50	35'	3.5		344	3.40	10.67
	60	37'	3.8		413	4.08	11.58
#4	30	31'	3.4	#4	207	2.04	9.45
	40	34'	3.9		275	2.72	10.36
	50	37'	4.4		344	3.40	11.28
	60	38'	4.7		413	4.08	11.58
#6	40	38'	6.5	#6	275	2.72	11.58
	50	40'	7.3		344	3.40	12.19
	60	42'	8.0		413	4.08	12.80
	70	44'	8.6		482	4.76	13.41

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



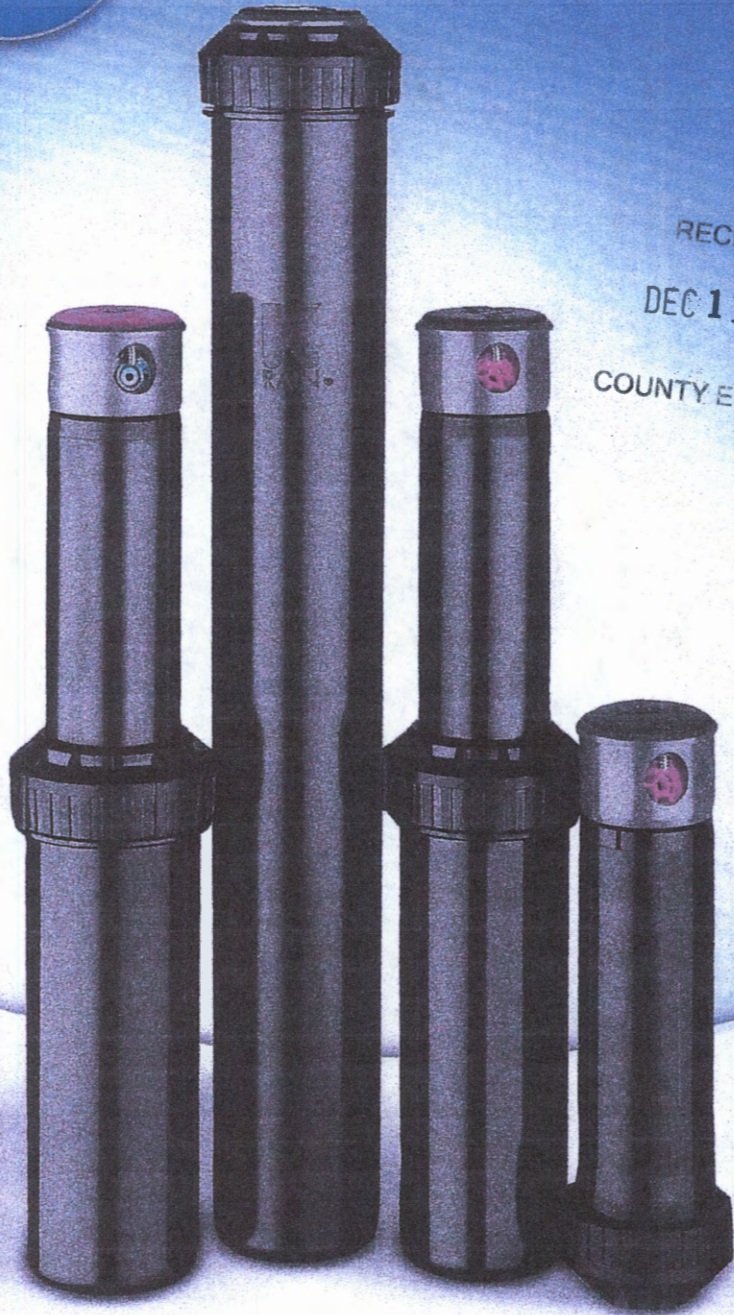
# PROPLUS™



**The ProPlus™ is packed with features that ensure reliability, saving the installer time, money and needless frustration.**

- ▶ **Revolutionary Patented Easy Arc Set** – Simplified arc set allows for wet or dry adjustment in seconds.
- ▶ **5" Riser** – Perfect for grasses with thick thatch.
- ▶ **3/4" Inlet** – Replaces all standard rotors.
- ▶ **2N1 Adjustable or Continuous Rotation** – Provides a full range adjustment from 40° to a continuous full circle.
- ▶ **Patented Arc Set Degree Markings** – Clearly indicates the current watering pattern and simplifies arc set adjustment.
- ▶ **Arc Memory Clutch** – Prevents internal gear damage and returns rotor to its prior setting automatically if nozzle turret is forced past its stop.
- ▶ **Time Proven Patented Reversing Mechanism** – Assures continuous reverse and return...over a 20 year history.
- ▶ **Ratcheting Riser** – Allows for easy adjustment of your left starting position with a simple turn of the riser.
- ▶ **Rubber Cover** – Seals out dirt and increases product durability.
- ▶ **Wide Selection of Nozzles** – Including standard and low angle, provides flexibility in system design.
- ▶ **Optional Check Valve** – Prevents low head drainage.

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# K RAIN®

IRRIGATION SOLUTIONS  
WORLDWIDE™

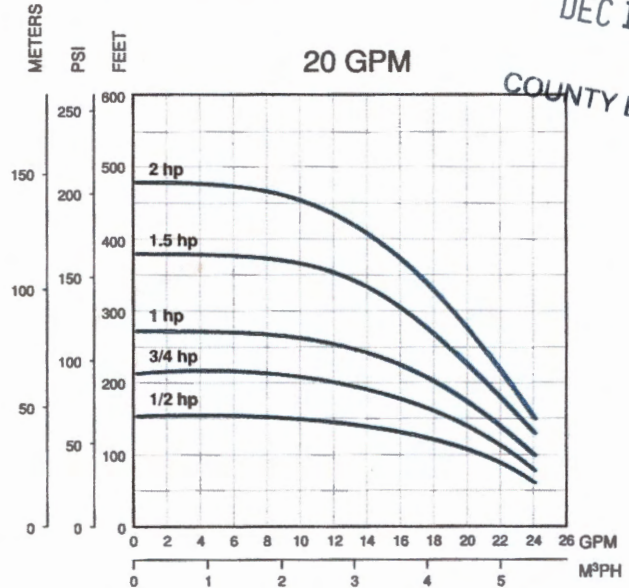
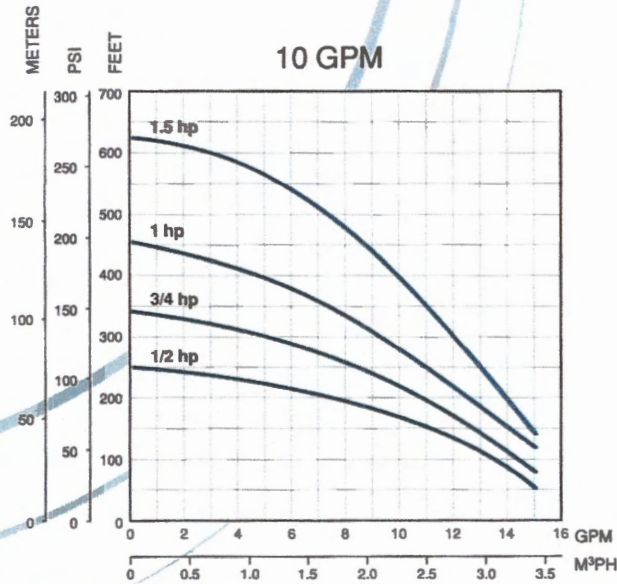




## Thermoplastic Performance

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## Thermoplastic Units Ordering Information

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

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



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**FPS**  
E series

## High Head Filtered Effluent Pump

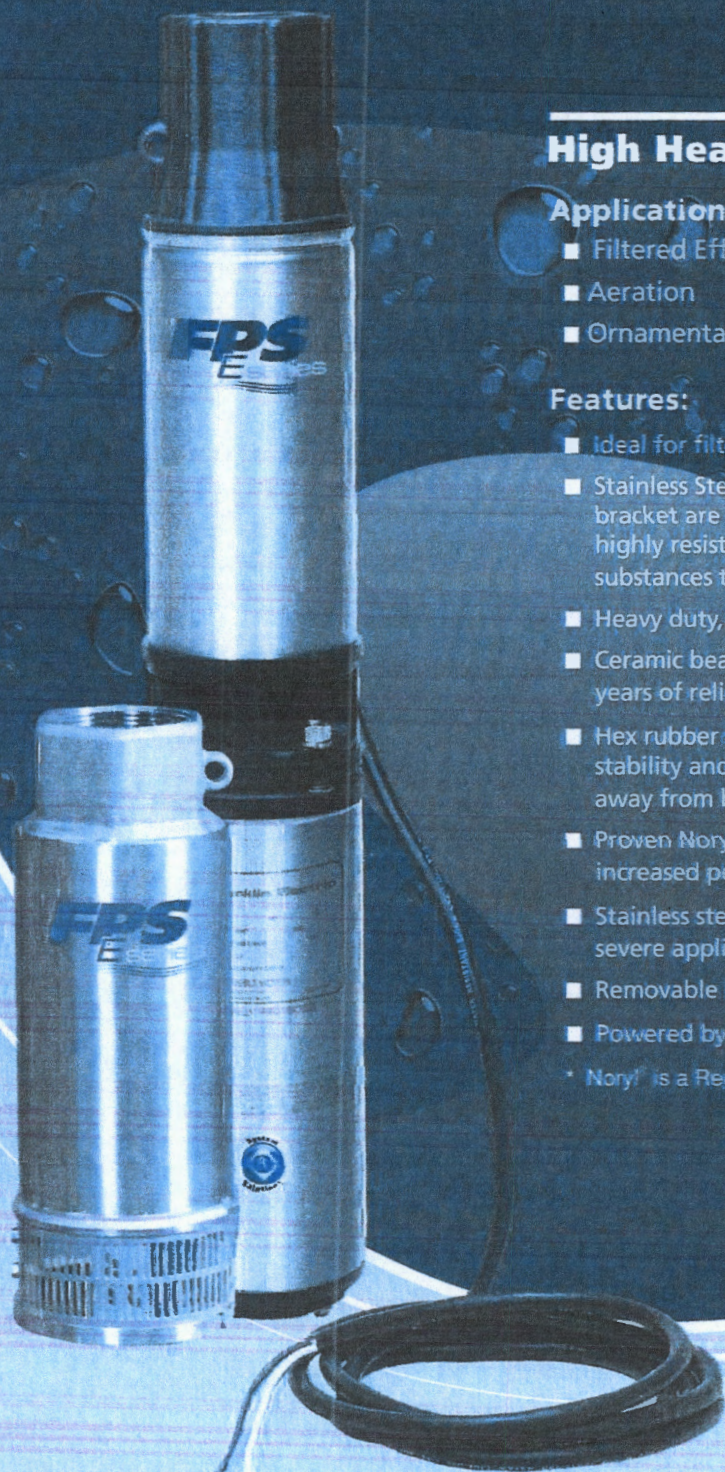
### Applications:

- Filtered Effluent Service
- Aeration
- Ornamental Fountains/Waterfalls

### Features:

- Ideal for filtered effluent pumping applications.
- Stainless Steel or Thermoplastic discharge and motor bracket are tough and non-corrosive. Both materials are highly resistant to damage by minerals, metals and other substances typically found in water.
- Heavy duty, 300 volt, 10' SJ00W motor leads.
- Ceramic bearing sleeve has time proven durability for years of reliable service.
- Hex rubber bearing has extra large surface assuring shaft stability and multiple flow channels keeping particles away from bearing surfaces.
- Proven Noryl<sup>®</sup> staging allows close tolerances and increased performance.
- Stainless steel up thrust washer prevents excessive wear in severe applications.
- Removable built in check valve.
- Powered by Franklin Electric submersible motor.

\* Noryl<sup>®</sup> is a Registered Trademark of G.E.



**Franklin Electric**



**CCEO  
COPY**



## Comal County

OFFICE OF COMAL COUNTY ENGINEER

### License to Operate

### On-site Sewage Treatment and Disposal Facility

Date Issued: 9/28/2006

Permit Number: 88093

Location Description: 10407 Felsblock Lane, New Braunfels, TX 78132  
Lot 16, Block 8, Rockwall Ranch Unit 1 Subdivision

Type of System: Aerobic Treatment with Surface Irrigation Discharge

License issued to: Richard/Betty Dennis

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 Natural Resource Conservation Commission.

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.

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

OS0023773

  
ENVIRONMENTAL HEALTH COORDINATOR

OS7727

**CCEO**  
**COPY**

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

PRINT CLEARLY COMPLETING ALL INFORMATION

PERMIT# 88093

DATE \_\_\_\_\_

PROPERTY OWNERS NAME: Richard + Betty Dennis

MAILING ADDRESS: 20147 Hoya Lane

CITY, STATE, ZIP CODE: Garden Ridge, Tx. 78266

PHONE #: 210-651-3446

LEGAL DESCRIPTION OF PROPERTY: \_\_\_\_\_

SUBDIVISION NAME: Rockwall Ranch

UNIT 1 LOT 16 BLOCK 8 ACREAGE/LEGAL 1.22

10407 Felsblock Lane

STREET NAME/ADDRESS: 10407 Felsblock Lane CITY: New Braunfels Tx ZIP 78132

PROPERTY MUST BE MARKED ON-SITE WITH THE STREET ADDRESS, LOT# & OWNERS NAME. A LOCATION MAP TO THE PROPERTY MUST BE ATTACHED WITH THIS APPLICATION ALONG WITH PROOF OF OWNERSHIP.

IS PROPERTY LOCATED OVER THE EDWARDS RECHARGE ZONE? YES  NO \_\_\_\_\_ IF YES, SITE EVALUATION & PLANNING MATERIALS MUST BE COMPLETED BY A REGISTERED SANITARIAN OR PROFESSIONAL ENGINEER.

TYPE OF DEVELOPMENT:

SINGLE FAMILY RESIDENCE 3126 TOTAL SQ. FT. OF DWELLING 300 GALLONS PER DAY

\_\_\_\_\_ COMMERCIAL TYPE OF BUSINESS/INSTITUTION: \_\_\_\_\_

2 NUMBER OF OCCUPANTS 300 GALLONS PER DAY

SITES GENERATING MORE THAN 5000 GALLONS PER DAY ARE REQUIRED TO OBTAIN PERMITTING THROUGH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SOURCE OF WATER: PUBLIC  PRIVATE WELL \_\_\_\_\_

PLANNING MATERIALS & SITE EVALUATION AS REQUIRED COMPLETED BY: Hoyt Seidensticker

SYSTEM DESCRIPTION: Aerobic wet spray Distribution

SIZE OF SEPTIC SYSTEM REQUIRED BASED ON PLANNING MATERIALS & SITE EVALUATION:

TANK SIZE(S) 1175 GALLONS ABSORPTION/APPLICATION AREA 4687.5 SQ. FT.

ARE WATER SAVING DEVICES BEING UTILIZED WITHIN THE RESIDENCE?  YES \_\_\_\_\_ NO

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 FLOOD PLAIN ADMINISTRATOR HAS APPROVED AND RELEASED THE DEVELOPMENT PERMIT FOR THIS PROPERTY.

Richard M. Dennis  
SIGNATURE OF OWNER

RECEIVED  
APR 28 2006  
COUNTY ENGINEER



CCEO

COPY

PL 171.10'

SCALE 1" = 30'

# Site Map

88093

## Aerobic With Spray Distribution System

### Richard and Betty Dennis

### Lot 16, Block 8, Unit 1

### Rockwall Ranch

### 10407 Felsblock Lane

### New Braunfels, Texas 78132

### Comal County

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APR 28 2006

COUNTY ENGINEER

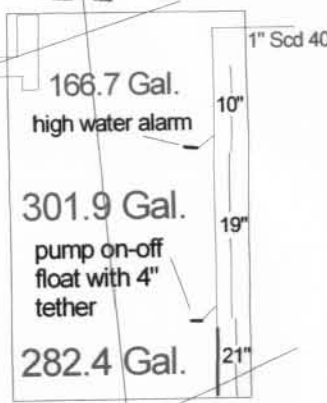
PL 160.45'

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

All external electrical lines must be in gray conduit

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. Areas that are bare or have been disturbed must be sodded with a mixture of rye and bermuda grasses or other grass species prior to system operation.



*Hoyt Senfucker*

Where water line crosses supply line, must sleeve water line 10' on either side of the intersection and must maintain a 1' separation distance at the intersection.

There are numerous trees in the spray area. The installer may need to remove trees or adjust location of sprinkler head to meet the 10' from tree to spray head.

PL 171.07'

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

**VOID**

Planning Materials & Site Evaluation as Required Completed By Hoyt Seibert

System Description Aerobic with Spray Distribution

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

Tank Size(s) (Gallons) 500 GPD Absorption/Application Area (Sq Ft) 4713.14

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

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

DEC 11 2019

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

COUNTY ENGINEER

(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

**VOID**

(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: \_\_\_\_\_

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 information associated with this permit application, as applicable.

**VOID**

Hoyt Seibert  
Signature of Designer

12-6-19  
Date



12/7/2019  
5:34 AM  
Aerobic with Spray  
Distribution System

# ON-SITE SEWERAGE FACILITY DESIGN CRITERIA

Richard and Peggy Gonzalez

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### Property Information:

St. Address: 10407 Felsblock Lane  
City: New Braunfels State: Texas  
Zip code: 78132



### House Information

Number of Bedrooms: \_\_\_\_\_  
Sq. footage (Approx.): 3126  
Water Supply: KT Water Development

COUNTY ENGINEER

### Predicted Quantity of Sewage (Q)

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

### Supply Line For Spray Irrigation System

Length of supply line (approx. ft): 227  
Type of supply line: Purple SCH 40  
Size of supply line (in): 1

### Rate of Adsorption (Ra)

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

### Sprinkler Head Information

K-Rain sprinkler head **PROPLUS**, low angle  
nozzle #6, 6.5gpm @ 40 psi or **equivalent**

### Aerobic Unit

Pretreatment Tank (gallons): 424  
Class 1 Aerobic Unit: AquaKlear AK5BES  
Pump tank total capacity (gal): 751  
Chlorination: Liquid in Pump Tank  
Pump Switch operation: Float  
Dosing cycle quantity (gals): Varied  
Cycling time: night time  
Pump size and capacity: Red Jacket ES 18/E610

### Disposal Area per this System

$\pi (21)^2$	=	<u>1384.74</u>
$\pi (24)^2$	=	<u>1808.64</u>
$\pi (22)^2$	=	<u>1519.76</u>
Total irrigated area (sq. ft.):		<u>4713.14</u>



### Head Pressure

Elevation Head: 4  
Pressure Head: 92  
Friction Head: 9.08  
Total head: 105.08

### Supply Line from House

Length of supply line (approx. ft): 7  
Type of supply line: SCH 40 PVC  
Size of Supply line (in): 3 or 4

All design criteria is in accordance with Chapter 285, Subchapter D, §285.30 & §285.40, Texas Commission on Environmental Quality (Effective December 27, 2012).

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

Hoyt Seidensticker  
Hoyt Seidensticker, R.S. No. 3588

12-7-19  
Date

Land Stewardship Services, 27115 Bent Trail, Boerne, Texas 78006  
Cell (210) 414-6603,



The above design was based on the best available information and should function properly under normal operating conditions.



12/7/2019  
5:34 AM  
Aerobic with Spray  
Distribution System

# ON-SITE SEWERAGE FACILITY DESIGN CRITERIA

Richard and Peggy Gonzalez

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COUNTY ENGINEER

**VOID**

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 chlorination before flowing to the pump tank for disposal through sprinkler heads. All warning systems shall be installed with the aerobic unit.

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 **VOID** disturbed must be 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 install aerobic system.

All design criteria is in accordance with Chapter 285, Subchapter D, §285.30 & §285.40, Texas Commission on Environmental Quality (Effective December 27, 2012). All changes or modifications made to design must be approved by the below signed designer.

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

12-7-19  
Date



**VOID**

The above design was based on the best available information and should function properly under normal operating conditions.

Site Map

Aerobic With Spray Distribution System

Richard Gonzales

Lot 16, Block 8, Unit 1

Rockwall Ranch

10407 Felsblock Lane

New Braunfels, Texas 78132

Comal County

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.

PL 171.10'

SCALE 1" = 30'

Permit 110106

**VOID**

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

All external electrical lines must be in gray conduit

**REVISED**

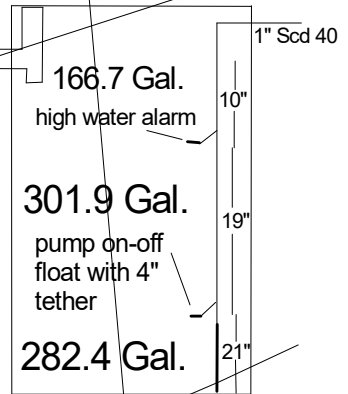
8:50 am, Dec 13, 2019

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

This design complies with all provisions of the existing water pollution abatement plan and their is not a recharge feature within 150' of the proposed septic system.

**VOID**

new 22'r



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

House  
3 Br.  
3126 Sq. ft.  
300 gpd

Where water line crosses supply line, must sleeve water line 10' on either side of the intersection and must maintain a 1' separation distance at the intersection.

existing AquaKlear AK5BESIDE3

the water line is sleeved all the way under the spray area



Hoyt Seidensticker

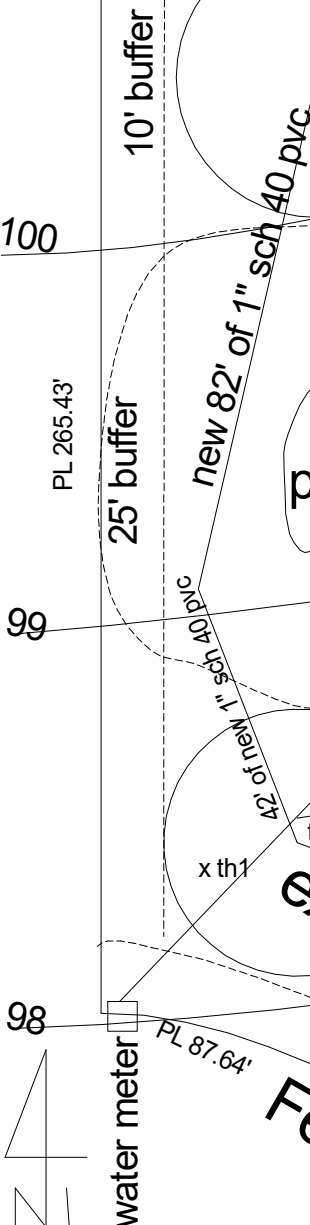
12/12/2019

There are numerous trees in the spray area. The installer may need to remove trees or adjust location of sprinkler head to meet the 10' from tree to spray head.

**VOID**

Felsblock Lane

PL 78.28'



## Hernandez, Sandra

---

**From:** Hernandez, Sandra  
**Sent:** Thursday, December 12, 2019 1:19 PM  
**To:** 'hoyt@gvtc.com'  
**Subject:** 110106 deficiency comments

RE: Rockwall Ranch, Unit 1, Lot 8, Block 16

Hoyt,

We received planning materials for the referenced permit application on December 11, 2019 and found those planning materials to be deficient. In order to continue processing this permit, we need the following:

- 1 ✓ Comal County rules and regulations requires a minimum 20 foot separation distance from the edge of spray areas to property lines.
- 2 ✓ Indicate if the entire waterline is sleeved through the spray area.
- 3 ✓ Submit certification that this OSSF complies with provisions of the existing WPAP.

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)*



PL 171.10'

SCALE 1" = 30'

**VOID**

Site Map  
Aerobic With Spray  
Distribution System  
Richard Gonzales  
Lot 16, Block 8, Unit 1  
Rockwall Ranch  
10407 Felsblock Lane  
New Braunfels, Texas 78132  
Comal County

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DEC 11 2019

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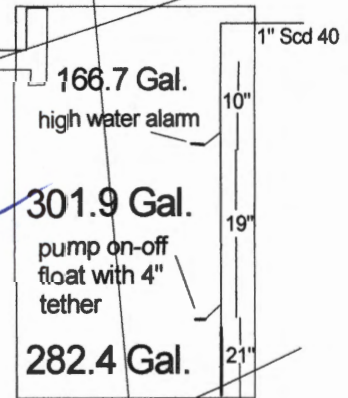
PL 160.95'

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

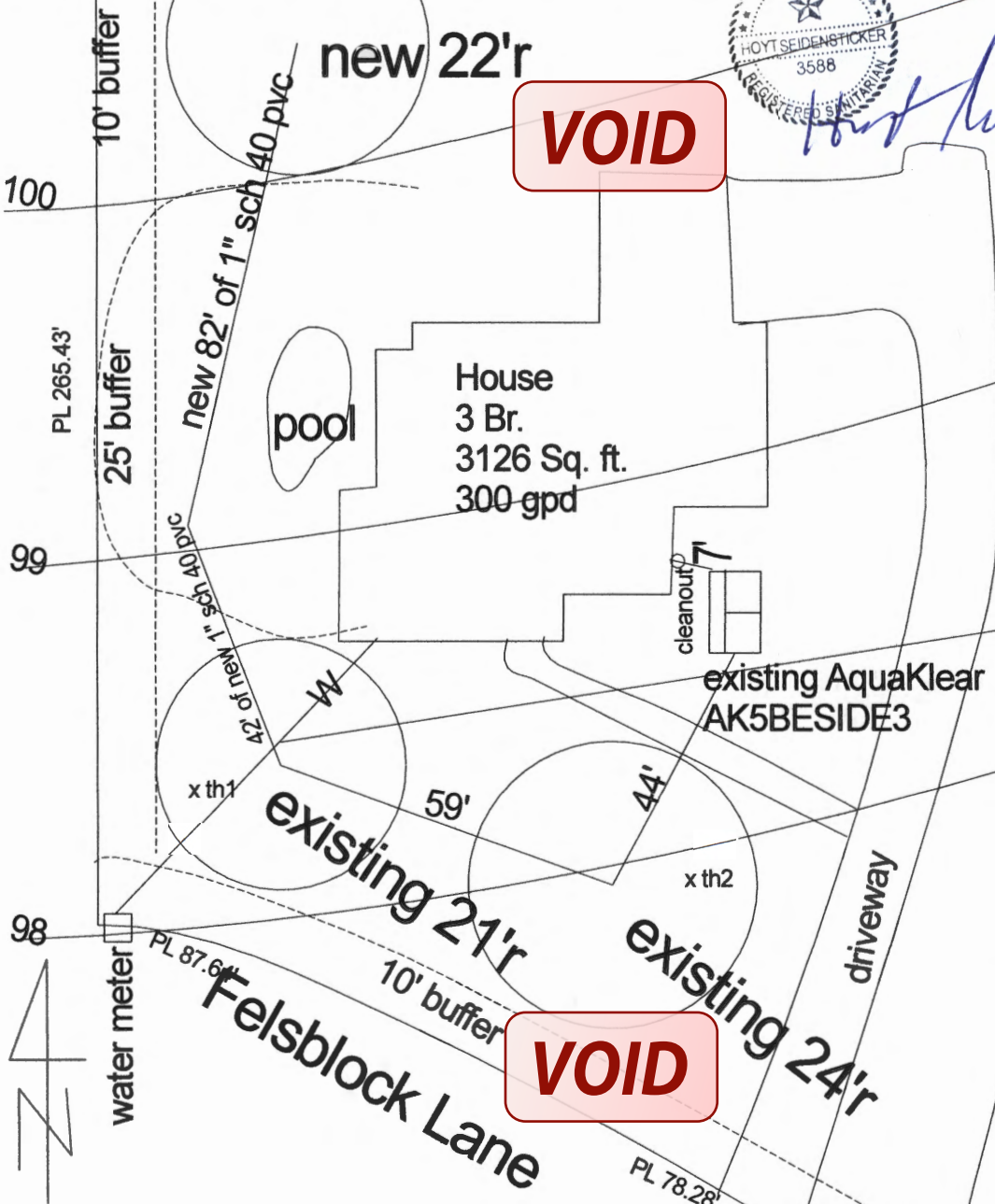
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**VOID**



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There are numerous trees in the spray area. The installer may need to remove trees or adjust location of sprinkler head to meet the 10' from tree to spray head.

**VOID**





201506039519 09/30/2015 10:30:14 AM 1/3

3

3/TM

PROVIDENCE TITLE COMPANY  
GF NO. 116001464 - DAT \$ 34.00

**GENERAL WARRANTY DEED  
(First and Second 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: September 25, 2015

Grantor: Thomas D. Heckman and Judy E. Heckman, Husband and Wife

Grantor's Address (including County):

712 Rye Mountain Circle  
Citrus TX 78108

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DEC 11 2019

Grantee: Richard Gonzalez and Peggy Gonzalez, Husband and Wife

COUNTY ENGINEER

Grantee's Address (including County):

10407 Felsblock Lane  
New Braunfels, Texas 78132  
Comal County

Consideration: TEN AND NO/100 (\$10.00) DOLLARS;

and other good and valuable considerations in hand paid by the GRANTEE herein named, the receipt of which is hereby acknowledged;

AND, THE FURTHER CONSIDERATION of the execution and delivery by GRANTEE of that one certain promissory note (hereinafter called "First Lien Note") in the original principal sum of **One Hundred Ninety-One Thousand Nine Hundred Fifty And No/100 Dollars (\$191,950.00)**, bearing interest as therein specified and being due and payable as therein provided to the order of **Cendera Funding, Inc.**, and providing for the acceleration of maturity in event of default and for attorney's fees; and secured by the Vendor's Lien and Superior Title retained herein; and being additionally secured by a Deed of Trust of even date therewith to **Michael Burns**, as Trustee; on the condition that this Vendor's Lien is cumulative of and without prejudice of or to said Deed of Trust;

WHEREAS, LENDER has, at the special instance and request of GRANTEE, paid to GRANTOR the sum of **\$191,950.00** as a part of the purchase price of the real property hereinafter described as evidenced by the above-described First Lien Note, said vendor's lien and Deed of Trust lien against said real property securing the payment of the First Lien Note are hereby assigned, transferred and delivered to LENDER, GRANTOR hereby conveying to the said LENDER the said superior title to said real property, subrogating the said LENDER to all the rights and remedies of GRANTOR in the real property by virtue of said liens; and

WHEREAS, FOR THE FURTHER CONSIDERATION of the execution and delivery by GRANTEE of that one certain other promissory note of even date herewith (hereinafter called "Second Lien Note") in the principal sum of One Hundred Ninety-Nine Thousand Nine Hundred Fifty And No/100 Dollars (\$199,950.00) payable to the order of Cadence Bank, N.A., and bearing interest at the rate therein specified, the Second Lien Note being secured by a second and inferior vendor's Lien and superior title herein and hereby expressly retained and reserved upon the real property herein described and conveyed and is additionally secured by a second and inferior Deed of Trust thereon of even dated herewith to John G. Lingor, Trustee.

**Property (including any improvements):**

Lot 16, Block 8 of ROCKWALL RANCH SUBDIVISION, UNIT ONE, City of New Braunfels, Comal County, Texas, according to the map or plat thereof recorded in Volume 15, Page 210-215, Map or Plat Records of Comal County, Texas.

**Reservations from Conveyance:**

None.

**Exceptions to Conveyance and Warranty:**

Liens described as part of the Consideration and any other liens described in this deed as being either assumed or subject to which title is taken; 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 current year, which Grantee assumes and agrees to pay.

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.

Cendera Funding, Inc., at Grantee's request, has paid cash to Grantor that portion of the purchase price of the Property that is evidenced by the First Lien Note. The first and superior vendor's lien against and superior title to the Property are retained for the benefit of Cendera Funding, Inc. and are transferred to Cendera Funding, Inc. without recourse against Grantor.

Cadence Bank, N.A., at Grantee's request, has paid cash to Grantor that portion of the purchase price of the Property that is evidenced by the Second Lien Note. The second and inferior vendor's lien against and inferior title to the Property are retained for the benefit of Cadence Bank, N.A. and are transferred to Cadence Bank, N.A. without recourse against Grantor.

It is expressly agreed that the vendor's lien is retained respectively in favor of the payees of the First and Second Lien Notes against the above-described Premises, until respecting the First and Second Lien Notes and all interest thereon shall have been fully paid according to the terms thereof, when this Deed shall become absolute.

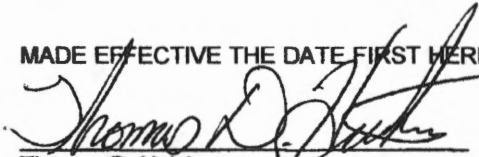
When the context requires, singular nouns and pronouns include the plural.

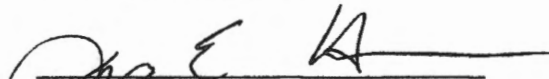
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COUNTY ENGINEER

MADE EFFECTIVE THE DATE FIRST HEREINABOVE SPECIFIED.

  
Thomas D. Heckman

  
Judy E. Heckman

ACKNOWLEDGMENT

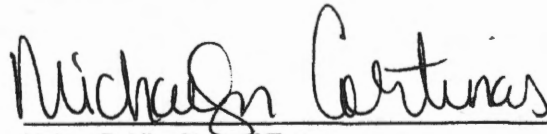
RECEIVED  
DEC 11 2019.  
COUNTY ENGINEER

State of Texas §  
County of Guadalupe §  
§

Before me, the undersigned, on this day personally appeared Thomas D. Heckman, and Judy E. Heckman known to me (or proved to me on the oath of \_\_\_\_\_ or through Photo I.D.) to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 25<sup>th</sup> day of September, 2015.



  
Notary Public, State of Texas

AFTER RECORDING RETURN TO:  
Richard Gonzalez and Peggy Gonzalez  
10407 Felsblock Lane  
New Braunfels, TX 78132

PREPARED IN THE LAW OFFICE OF:  
Ramsey & Foster, PC  
5001 Hwy 287 S. #105  
Arlington, TX 76017

↓  
Providence Title Company  
3900 FM 3009 Ste. 105  
Schertz, Texas 78154

Filed and Recorded  
Official Public Records  
Bobbie Koepf, County Clerk  
Comal County, Texas  
09/30/2015 10:30:14 AM  
CASHTWO 3 Page(s)  
201506039519





Warranty Deed with Vendor's Lien  
First and Second Lien



# LAND STEWARDSHIP SERVICES

27115 Bent Trail  
Boerne, Texas 78006  
(210) 414-6603

December 7, 2019

Brenda Ritzen  
Comal County Environmental  
195 David Jonas Drive  
New Braunfels, Texas 78132

RE: septic system design for Lot 8, block 16, Rockwall Ranch, Unit 1

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DEC 11 2019

Dear Brenda,

COUNTY ENGINEER

Please find enclosed a septic system application and design for 10407 Felsblock lane. This is an existing septic system that they are adding a pool and need to relocate the sprinkler heads.

Please mail or email me the receipt and permit number.

If you have any questions, please give me a call at (210) 414-6603 or email at [hoyt@gvtc.com](mailto:hoyt@gvtc.com).

Sincerely,



Hoyt Seidensticker, RS 3588

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.

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  
DEC 11 2019  
COUNTY ENGINEER

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

November 6, 2019

Date

<input checked="" type="checkbox"/> COMPLETE APPLICATION
Check No. _____ Receipt No. _____

<input type="checkbox"/> INCOMPLETE APPLICATION
(Missing Items Circled, Application Refused)

**Block Creek Concrete Products, LLC**  
444 A Old Hwy No 9  
Comfort, TX 78013

**Phone: (830) 995-3189**  
**Fax: (830) 995-4051**

**To: Richard Gonzalez**  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 8/25/2020  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

Permit #: **110106**

Agency: Comal County  
County:

Sub: RockWall Ranch

Mfg / Brand: Aerobic Solutions - AquaKlear

Treatment Type: Aerobic

Disposal: Surface Application

Customer ID: 10

Contract Dates: 11/5/2018 - 11/5/2020

Scheduled Date: 11/5/2020

Aerator: ak500

Installed: 5/31/2006

Aerator S/N: 5B317137

Warranty End: 5/31/2009

GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230

**Service Type: Customer Request**

**Visit Date: 8/25/2020**

Time In: 0355pm

Out: 0405pm

Entered By: Michael Prosize

**Method: Grab**

Technician: Michael Prosize

Maint. Provider: Rudy Carson

**Tank Lid / Riser: Secured**

**Comments**

**Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. Not using bleach- chlorine tubing kinked. If problem continues will recommend replacing tubing.

Insp ID #: 97708

Provider:

*Rudy Carson*

Technician: **Michael Prosize**

License #: MP0002036

License #: MP0002291

Expires: 2/28/2023

*Rudy Carson*  
Rudy Carson

*Michael Prosize*



Block Creek Concrete Products, LLC  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 3/4/2020  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

Permit #: **110106** Customer ID: 10  
Agency: Comal County Contract Dates: 11/5/2018 - 11/5/2020  
County: Sub: RockWall Ranch Scheduled Date: 3/5/2020 Inspection 5 of 6  
Mfg / Brand: Aerobic Solutions - AquaKlear Aerator: ak500 Installed: 5/31/2006  
Treatment Type: Aerobic Aerator S/N: 5B317137 Warranty End: 5/31/2009  
Disposal: Surface Application GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 3/4/2020 Time In: 1225 Out: 1240

Entered By: Cody Ryan Jurgensen

Method: Grab

Technician: Cody Ryan Jurgensen

Maint. Provider: Rudy Carson

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: .92

**Sludge Levels**  
For Tank 1: 16"  
For Tank 2: 0"  
For Tank 3: 0"

CFM: 3.4

Tank Lid / Riser: Secured

Electric Circuits: Operational  
Distribution System: Operational  
Sprayfield Veg: Operational

Color: Good  
Odor: Good

Alarm: Operational PSI Pressure: 3.6

**Comments**

upon arrival there was no red light - customer stated they were doing laundry which made the red light and sprinklers kick on - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter - Scum in pretreatment is 8" - Secured system in the on position with a lock bolt

Service Completed

Owner signature:

Insp ID #: 90471

Provider: Rudy Carson

Technician: Cody Ryan Jurgensen

License #: MP0002036

License #: MT0001766

Expires: 9/30/2022

Rudy Carson  
Rudy Carson

Cody Ryan Jurgensen

**Block Creek Concrete Products, LLC**  
444 A Old Hwy No 9  
Comfort, TX 78013

**Phone: (830) 995-3189**

**Fax: (830) 995-4051**

**To: Richard Gonzalez**  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 7/7/2020  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

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Permit #: <b>110106</b>	Customer ID: 10
Agency: Comal County	Contract Dates: 11/5/2018 - 11/5/2020
County: Sub: RockWall Ranch	Scheduled Date: 11/5/2020
Mfg / Brand: Aerobic Solutions - AquaKlear	Aerator: ak500 Installed: 5/31/2006
Treatment Type: Aerobic	Aerator S/N: 5B317137 Warranty End: 5/31/2009
Disposal: Surface Application	GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230

---

**Service Type: Customer Request**

**Visit Date: 7/7/2020** Time In: 340 Out: 355

**Entered By: Alex Seidensticker**

**Method: Grab**

**Technician: Alex Seidensticker**

**Maint. Provider: Rudy Carson**

**Tank Lid / Riser: Secured**

**Comments**

**Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location.- red light.- upon arrival red light was on.- no answer at door, no answer on phone left voicemail.- no call back.- rebuilt compressor dual hp60.- acid washed diffusers.- skimmer tested good.- system tested good

Insp ID #:95581

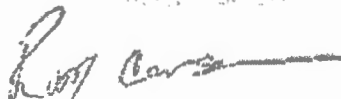
Provider: *Rudy Carson*

Technician: **Alex Seidensticker**

License #: MP0002036

License #: MP0001961

Expires: 9/30/2021

  
Rudy Carson

AS

**Block Creek Concrete Products, LLC**  
**444 A Old Hwy No 9**  
**Comfort, TX 78013**

Phone: (830) 995-3189  
Fax: (830) 995-4051

Date: 9/24/2020

**Permit #: 110106**  
Contract Period

**To: Richard Gonzalez**  
**10407 Felsblock Ln**  
**New Braunfels, TX 78132**

**Start Date: 11/5/2020**  
**End Date: 11/5/2021**

Email: rgswgh@yahoo.com

Phone: (713) 203-0203	Subdivision: RockWall Ranch		
Site: 10407 Felsblock Ln, New Braunfels, TX 78132			
County:	Installed: 5/31/2006	Block Creek Concrete Products, LLC	----
Installer: JAJ	Warranty Ends: 5/31/2009	3 visits per year - one every 4 months	
Agency: Comal County		Map Key:	ID: 10
Mfg/Brand: Aerobic Solutions-AquaKlear-			

This is to Certify that the above RESIDENTIAL sewage system has an INITIAL inspections agreement per Texas Commission on Environmental Quality (TCEQ) standards for on site sewerage facilities as required.

Inspection reports by the above service company will be filed with the authorized agency as required by the TCEQ regulations. A weather proof tag or label will be attached to the controller showing the month that each inspection was made.

Items included on the Inspection Report generally include aerators, filters, irrigation pump, air compressor, disinfection device, chlorine supply, OK System light, spray field vegetation, probe, sprinkler or drip backwash.

We will visit your site within 48 hours of you notifying us of a problem

Certified Inspector: \_\_\_\_\_ Date: 9-24-2020



Rudy Carson



Block Creek Concrete Products, LLC  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 10/30/2020  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

Permit #: **110106** Customer ID: 10  
Agency: Comal County Contract Dates: 11/5/2020 - 11/5/2021  
County: Sub: RockWall Ranch Scheduled Date: 11/5/2020 Inspection 1 of 3  
Mfg / Brand: Aerobic Solutions - AquaKlear Aerator: ak500 Installed: 5/31/2006  
Treatment Type: Aerobic Aerator S/N: 5B317137 Warranty End: 5/31/2009  
Disposal: Surface Application GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: **10/30/2020**

Time In: 11:00am

Out: 11:17am

Entered By: Ronnie W Krampota

Method: Grab

Technician: Ronnie W Krampota

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.45mg/L

Sludge Levels

For Tank 1: n/a

For Tank 2: 12

For Tank 3: 1

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

**Comments**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Secured system in the on position with a lock bolt -  
Checked sprinklers - Reset timer - Pretreatment lid is buried

Service Completed

Insp ID #: 100837

Provider: **Rudy Carson**

Technician: Ronnie W Krampota

License #: MP0002036

License #: MT0001175

Expires: 7/31/2023



Rudy Carson



Block Creek Concrete Products, LLC  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 11/20/2020  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

Permit #: **110106**

Customer ID: 10

Agency: Comal County

Contract Dates: 11/5/2020 - 11/5/2021

County:

Sub: RockWall Ranch

Scheduled Date: 3/5/2021

Mfg / Brand: Aerobic Solutions - AquaKlear

Aerator: ak500

Installed: 5/31/2006

Treatment Type: Aerobic

Aerator S/N: 5B317137

Warranty End: 5/31/2009

Disposal: Surface Application

GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230

**Service Type: Customer Request**

Visit Date: 11/20/2020

Time In: 1155am

Out: 1205pm

Entered By: Michael Prosisie

Method: Grab

Technician: Michael Prosisie

Maint. Provider: Rudy Carson

Tank Lid / Riser: Secured

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location. Not using bleach- had splash less bleach. Drained reservoir and homeowner added regular bleach. Checked suction.

Insp ID #: 101820

Provider:

*Rudy Carson*

Technician: **Michael Prosisie**

License #: MP0002036

License #: MP0002291

Expires: 2/28/2023

*Rudy Carson*

Rudy Carson

*[Handwritten Signature]*

Block Creek Concrete Products, LLC  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 3/11/2021  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

Permit #: **110106**

Agency: Comal County

County:

Mfg / Brand: Aerobic Solutions - AquaKlear

Treatment Type: Aerobic

Disposal: Surface Application

Sub: RockWall Ranch

Customer ID: 10

Contract Dates: 11/5/2020 - 11/5/2021

Scheduled Date: 3/5/2021

Aerator: ak500

Aerator S/N: 5B317137

GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230

Inspection 2 of 3

Installed: 5/31/2006

Warranty End: 5/31/2009

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 3/11/2021

Time In: 2:30

Out: 2:50

Entered By: Michael S Looney

Method: Grab

Technician: Michael S Looney

Maint. Provider: Burt Seidensticker

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 2.20

**Sludge Levels**

For Tank 1: 0"

For Tank 2: 12"

For Tank 3: 4"

CFM: 2.0

Air Filter: Good

Turbidity: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Bad

Odor: Bad

Alarm: Operational

**Comments**

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter. Refastened timer inside control panel. Reset timer. Checked sprinkler system. Scum in pretreatment is 15".

Insp ID #: 106319

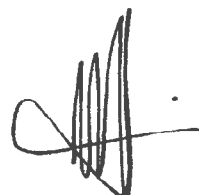
Provider: *Burt Seidensticker*

Technician: *Michael S Looney*

License # MP0000002

License # MT0001616

Expires:





**Block Creek Aerobic Services, LLC**  
**444 A Old Hwy No 9**  
**Comfort, TX 78013**

Phone: (830) 995-3189  
 Fax: (830) 995-4051

Date: 12/6/2021

**Permit #: 110106**

**To: Richard Gonzalez**  
**10407 Felsblock Ln**  
**New Braunfels, TX 78132**

Contract Period

<b>Start Date: 11/5/2021</b> <b>End Date: 11/5/2023</b>
--

Phone: (713) 203-0203    Subdivision: RockWall Ranch  
 Site: 10407 Felsblock Ln, New Braunfels, TX 78132

County:	Installed: 5/31/2006	Block Creek Concrete Products, LLC
Installer: JAJ	Warranty Ends: 5/31/2009	3 visits per year - one every 4 months
Agency: Comal County		500 gallons per day
Mfg/Brand: Aerobic Solutions / AquaKlear		Map Key:                      ID: 10

This is to Certify that the above RESIDENTIAL sewage system has an INITIAL inspections agreement per Texas Commission on Environmental Quality (TCEQ) standards for on site sewerage facilities as required.

Inspection reports by the above service company will be filed with the authorized agency as required by the TCEQ regulations. A weather proof tag or label will be attached to the controller showing the month that each inspection was made.

Items included on the Inspection Report generally include aerators, filters, irrigation pump, air compressor, disinfection device, chlorine supply, OK System light, spray field vegetation, probe, sprinkler or drip backwash.

We will visit your site within 48 hours of you notifying us of a problem

Certified Inspector: *Rudy Carson*                      Date: \_\_\_\_\_

*Rudy Carson*

Rudy Carson

Block Creek Concrete Products, LLC  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 12/2/2021  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

Permit #: **110106** Customer ID: 10  
Agency: Comal County Contract Dates: 11/5/2020 - 11/5/2021  
County: Sub: RockWall Ranch Scheduled Date: 11/5/2021 Inspection 4 of 3  
Mfg / Brand: Aerobic Solutions - AquaKlear Aerator: ak500 Installed: 5/31/2006  
Treatment Type: Aerobic Aerator S/N: 5B317137 Warranty End: 5/31/2009  
Disposal: Surface Application GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: **12/2/2021**

Time In: 1020

Out: 1035

Entered By: Alejandro Gonzalez

Method: Grab

Technician: Alejandro Gonzalez

Maint. Provider: \

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: .3

**Sludge Levels**

For Tank 1: 10"  
For Tank 2: 12"  
For Tank 3: 0"

Air Filter: 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**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Scum in pretreatment is 16". - Cleaned compressor filter

Service Completed

Insp ID #: 116812

Technician: **Alejandro Gonzalez**

License #: MT0000996

Expires:

Block Creek Concrete Products, LLC  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 1/6/2022  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

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Permit #: <b>110106</b>	Customer ID: 10	-----
Agency: Comal County	Contract Dates: 11/5/2021 - 11/5/2023	
County: Sub: RockWall Ranch	Scheduled Date 3/5/2022	
Mfg / Brand: Aerobic Solutions - AquaKlear	Aerator: ak500	Installed: 5/31/2006
Treatment Type: Aerobic	Aerator S/N: 5B317137	Warranty End: 5/31/2009
Disposal: Surface Application	GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230	

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**Service Type: Customer Request**

Visit Date: 1/6/2022

Time In: 0110pm

Out: 0135pm

Entered By: Michael Prosisie

Method: **Grab**

Technician: Michael Prosisie

Maint. Provider: Rudy Carson

---

Tank Lid / Riser: Secured

Comments

- Technician Secured the Tank Lid and/or Riser prior to leaving location. Not using bleach- installed new chlorinator.

Service Completed

Insp ID #: 118899

Provider:

*Rudy Carson*

Technician: **Michael Prosisie**

License Info: MP0002036 Expires:

License Info: MP0002291 Expires: 2/28/2023





Block Creek Concrete Products, LLC  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 3/22/2022  
Site: 10407 Felsblock Ln  
New Braunfels, TX 78132  
(713) 203-0203

Permit #: **110106**

Customer ID: 10

Agency: Comal County

Contract Dates: 11/5/2021 - 11/5/2023

County:

Sub: RockWall Ranch

Scheduled Date: 3/5/2022

Inspection 1 of 6

Mfg / Brand: Aerobic Solutions - AquaKlear

Aerator: ak500

Installed: 5/31/2006

Treatment Type: Aerobic

Aerator S/N: 5B317137

Warranty End: 5/31/2009

Disposal: Surface Application

GPS Coordinates - Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 3/22/2022

Time In: 410p

Out: 428p

Entered By: Jose Ramos

Method: Grab

Technician: Jose Ramos

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.4

**Sludge Levels**

For Tank 1: 36"

For Tank 2: 9"

For Tank 3: 0"

CFM: 3.2

Air Filter: Good

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

PSI Pressure: 2.5

**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. - Cleaned compressor filter - Scum in pretreatment is 7". The pretreatment tank is full with a reading of 36". IT IS TIME TO PUMP THE SEPTIC TANK. Please contact the office for a pump co. Recommendation

Insp ID #:122616

Provider: **Rudy Carson**

Technician: Jose Ramos

License #: MP0002036

License #: MT0001770

Expires: 9/1/2022

Block Creek Aerobic Services, LLC  
444 A Old Hwy No 9  
Comfort, TX 78013

Phone: (830) 995-3189  
Fax: (830) 995-4051

To: Richard Gonzalez  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 6/30/2022  
Insp ID #: 127168  
Main Phone: (713) 203-0203  
Work:  
Cell Phone:  
Alt Cell:

Permit #: **110106**

Agency: Comal County

County:

Mfg / Brand: Aerobic Solutions - AquaKlear

Treatment Type: Aerobic

Disposal: Surface Application

Sub: RockWall Ranch

Customer ID: 10

Contract Dates: 11/5/2021 - 11/5/2023

Scheduled Date: 7/5/2022

Inspection 2 of 6

Aerator: ak500

Installed: 5/31/2006

Aerator S/N: 5B317137

Warranty End: 5/31/2009

GPS Coordinates: Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

Visit Date: **6/30/2022**

Time In:

Out: 2pm

This counts as a type of "Scheduled Inspection"  
Entered By: Alejandro Gonzalez

Method: **Grab**

Technician: Alejandro Gonzalez

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .1

**Sludge Levels**

For Tank 1: 24"

For Tank 2: 0"

For Tank 3: 2"

Floats: OP

Timer: OP

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Color: Good

Odor: Good

Alarm: Operational

**Comments**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter - Scum in pretreatment is 22".  
Inspection- checked sprinklers, checked timer, everything is properly working at this time.

Service Completed

Site: 10407 Felsblock Ln, New Braunfels, TX 78132

Provider: **Rudy Carson**

Technician: **Alejandro Gonzalez**

License Info: MP0002036 Expires:

License Info: MT0000996 Expires: 1/31/2025

**Block Creek Aerobic Services, LLC**  
444 A Old Hwy No 9  
Comfort, TX 78013

**Phone: (830) 995-3189**  
**Fax: (830) 995-4051**

**To: Richard Gonzalez**  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 11/2/2022  
Insp ID #: 132930  
Main Phone: (713) 203-0203  
Work:  
Cell Phone:  
Alt Cell:

Permit #: **110106**  
Agency: Comal County  
County: Sub: RockWall Ranch  
Mfg / Brand: Aerobic Solutions - AquaKlear  
Treatment Type: Aerobic  
Disposal: Surface Application

Customer ID: 10  
Contract Dates: 11/5/2021 - 11/5/2023  
Scheduled Date: 11/5/2022 Inspection 3 of 6  
Aerator: ak500 Installed: 5/31/2006  
Aerator S/N: 5B317137 Warranty End: 5/31/2009  
GPS Coordinates: Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

**Visit Date: 11/2/2022** Time In: Out: 11:40A

This counts as a type of "Scheduled Inspection"  
**Entered By: Trenton L Soldan**

**Method: Grab**  
Technician: Trenton L Soldan  
Maint. Provider: Rudy Carson

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: .01

**Sludge Levels**  
For Tank 1: 24  
For Tank 2: 0"  
For Tank 3: 0"

Floats: OP  
Timer: OP

Electric Circuits: Operational  
Distribution System: Operational  
Sprayfield Veg: Operational

**Tank Lid / Riser: Secured**

Alarm: Operational

**Comments**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter - Scum in pretreatment is 10"  
Reset timer

**Service Completed**

Site: 10407 Felsblock Ln, New Braunfels, TX 78132

Provider: **Rudy Carson**

Technician: **Trenton L Soldan**

License Info: MP0002036 Expires: 11/30/2022

License Info: MT0002287 Expires: 3/31/2025



**Block Creek Aerobic Services, LLC**  
444 A Old Hwy No 9  
Comfort, TX 78013

Printed: 2/24/2023 Insp ID #: 137152

Phone: (830) 995-3189  
Fax: (830) 995-4051

**To: Richard Gonzalez**  
10407 Felsblock Ln  
New Braunfels, TX 78132

Permit #: **110106**

Main Phone: (713) 203-0203  
Work:  
Cell Phone:  
Alt Cell:

Agency: Comal County  
County: Sub: RockWall Ranch  
Mfg / Brand: Aerobic Solutions - AquaKlear  
Treatment Type: Aerobic  
Disposal: Surface Application

Customer ID: 10  
Contract Dates: 11/5/2021 - 11/5/2023  
Scheduled Date: 3/5/2023 Inspection 4 of 6  
Aerator: ak500 Installed: 5/31/2006  
Aerator S/N: 5B317137 Warranty End: 5/31/2009  
GPS Coordinates: Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"  
**Entered By: Andrea Hernandez**

**Visit Date: 2/24/2023** Time In:

**Method: Grab**

**Technician: Andrea Hernandez**

**Maint. Provider: Rudy Carson**

**Aerators: Operational**

**Filters: Operational**

**Irrigation Pumps: Operational**

**Disinfection Device: Operational**

**Chlorine Supply: Operational**

**Chlorine Residual: 1**

**Sludge Levels**

**For Tank 1: 28**

**For Tank 2: 00"**

**For Tank 3: 0"**

**Floats: OP**

**Timer: OP**

**Electric Circuits: Operational**

**Tank Lid / Riser: Secured**

**Distribution System: Operational**

**Sprayfield Veg: Operational**

**Alarm: Operational**

**Comments**

**Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location.  
14" of scum in pretreatment, red light, replaced bad spray pump reset timer

Site: 10407 Felsblock Ln, New Braunfels, TX 78132

**Provider: Rudy Carson**

**Technician: Andrea Hernandez**

License Info: MP0002036 Expires: 11/30/2025

License Info: MT0001112 Expires: 10/1/2025

**Block Creek Aerobic Services, LLC**  
444 A Old Hwy No 9  
Comfort, TX 78013

**Phone: (830) 995-3189**  
**Fax: (830) 995-4051**

**To: Richard Gonzalez**  
10407 Felsblock Ln  
New Braunfels, TX 78132

Printed: 8/24/2023  
Insp ID #: 144388

Main Phone: (713) 203-0203  
Work:  
Cell Phone:  
Alt Cell:

Permit #: **110106**

Agency: Comal County

County:

Sub: RockWall Ranch

Mfg / Brand: Aerobic Solutions - AquaKlear

Treatment Type: Aerobic

Disposal: Surface Application

Customer ID: 10

Contract Dates: 11/5/2021 - 11/5/2023

Scheduled Date: 7/5/2023

Inspection 5 of 6

Aerator: ak500

Installed: 5/31/2006

Aerator S/N: 5B317137

Warranty End: 5/31/2009

GPS Coordinates: Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

**Entered By: Landon Gronvold**

**Visit Date: 8/24/2023**

Time In: 1:52

Out: 2:06

**Method: Grab**

**Technician: Landon Gronvold**

**Maint. Provider: Rudy Carson**

**Aerators: Operational**

**Filters: Operational**

**Irrigation Pumps: Operational**

**Disinfection Device: Operational**

**Chlorine Supply: Operational**

**Chlorine Residual: .1**

**Sludge Levels**

**For Tank 1: 37**

**For Tank 2: 0"**

**For Tank 3: 0"**

**Floats: OP**

**Timer: OP**

**Electric Circuits: Operational**

**Distribution System: Operational**

**Sprayfield Veg: Operational**

**Tank Lid / Riser: Secured**

**Alarm: Operational**

**Comments**

**Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter - Scum in pretreatment is 24" - Tank 1 has large amount of build up we recommend pumping the pretreatment (tank 1) please call our office for more information. -

\*\*\*SYSTEM PUMPING NEEDED\*\*\*\* We recommend R.W. Septic their number is 830-377-3995, Ferguson & Sons septic pumping 830-431-6104

Site: 10407 Felsblock Ln, New Braunfels, TX 78132

Provider: **Rudy Carson**

Technician: *Landon Gronvold* **Landon**

License Info: MP0002036 Expires: 11/30/2025

License Info: MT0001995 Expires: 10/31/2023

**Block Creek Aerobic Services, LLC**  
444 A Old Hwy No 9  
Comfort, TX 78013

Printed: 11/20/2023 Insp ID #: 148615

Phone: (830) 995-3189  
Fax: (830) 995-4051

**To: Richard Gonzalez**  
10407 Felsblock Ln  
New Braunfels, TX 78132

Permit #: **110106**

Main Phone: (713) 203-0203  
Work:  
Cell Phone:  
Alt Cell:  
Customer ID: 10

Agency: Comal County  
County: Sub: RockWall Ranch  
Mfg / Brand: Aerobic Solutions - AquaKlear  
Treatment Type: Aerobic  
Disposal: Surface Application

Contract Dates: 11/5/2021 - 11/5/2023  
Scheduled Date: 11/5/2023 Inspection 7 of 6  
Aerator: ak500 Installed: 5/31/2006  
Aerator S/N: 5B317137 Warranty End: 5/31/2009  
GPS Coordinates: Latitude: 29.698547 Longitude: -98.279230

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"  
**Entered By: Trenton L Soldan**

**Visit Date: 11/20/2023** Time In: 11:05 Out: 11:05

**Method: Grab**  
Technician: Not Assigned  
Maint. Provider: Rudy Carson

Chlorine Residual: 1

Floats: OP  
Timer: OP

**Comments**

Home owner is with another company. Refused last inspection.

**Service Completed**

Site: 10407 Felsblock Ln, New Braunfels, TX 78132

Provider: **Rudy Carson**

License Info: MP0002036 Expires: 11/30/2025