



Comal County

OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 03/06/2019 Permit Number: 107950

Location Description: 5772 SPRING BRANCH RD
SPRING BRANCH, TX 78070

Subdivision: Rivermont
Unit: 2
Lot: 34
Block: 11
Acreage:

Type of System: Aerobic
Surface Irrigation

Issued to: Florence Wanke

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

Signature of Michael Lopez, OS8497
ENVIRONMENTAL HEALTH INSPECTOR

Signature of David A. [unclear], OS0007722
ENVIRONMENTAL HEALTH COORDINATOR

## Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Kiech Gott/Bulbeye      OSSF Installer #: \_\_\_\_\_  
 1st Inspection Date: 2/22/19      2nd Inspection Date: \_\_\_\_\_      3rd Inspection Date: 3/6/19  
 Inspector Name: mike T.      Inspector Name: \_\_\_\_\_      Inspector Name: mike T.  
 Permit#: 107950      Address: Riverview / 5772 Spring Branch Rd.

No.	Description	Pass/Fail	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	✓	285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)		2/22/19		3/6/19
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	✓	285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	✓	285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	✓	285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	✓	285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G)285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(ii) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(i)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

MT- 2/22/19

Tank set, leveled  
Operational ✓  
Ready For Cover.

MT- 3/6/19

Covered.

**Comal County Environmental Health  
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If Single Tank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and " T " Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(E) 285.91(2) 285.32(b)(1)(F) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(i) 285.32(b)(1)(D) 285.32(b)(1)(C)(II) 285.32(b)(1)(C)(I) 285.32(b)(1)(B) 285.32(b)(1)(A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed	/		600	2/22/19		3/6/19
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	/		Nu Water			
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(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4) 285.33(a)(3) 285.33(a)(1)				
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**

Item	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	<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>				
32							
33	<p>AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.</p>	✓	285.32(c)(1)		2/22/19		3/6/19
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>	✓					
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>						

Comal County Environmental Health  
OSSF Inspection Sheet

39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried	✓			2/24/19		3/6/19
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**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)(v)(vii)(viii)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)		2/22/19		3/6/19
41	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed	✓	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)				
42	APPLICATION AREA Area installed	✓					
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

## Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Kieckh Gott/Bulbeye OSSF Installer #: \_\_\_\_\_

1st Inspection Date: 2/22/19 2nd Inspection Date: \_\_\_\_\_ 3rd Inspection Date: \_\_\_\_\_

Inspector Name: mike T. Inspector Name: \_\_\_\_\_ Inspector Name: \_\_\_\_\_

Permit#: 107950 Address: Rivermont / 5772 Spring Branch Rd.

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	✓	285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)		2/22/19		
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	✓	285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	✓	285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	✓	285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	✓	285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G)285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(I)				
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MT- 2/22/19

Tank set, leveled  
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14	AEROBIC TREATMENT UNIT Size Installed	✓		600	2/22/19		
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		No Water	✓		
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**Comal County Environmental Health  
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**Comal County Environmental Health  
OSSF Inspection Sheet**

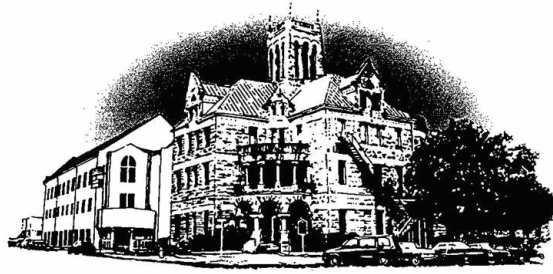
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33	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.	✓	285.32(c)(1)		2/22/19		
34	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions	✓					
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.	✓					
36	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
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38	PUMP TANK Secondary restraint system provided						

Comal County Environmental Health  
OSSF Inspection Sheet

39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried	✓			2/24/19		
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**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)		2/22/19 		
41	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed	✓	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)				
42	APPLICATION AREA Area Installed						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



# Comal County

OFFICE OF COMAL COUNTY ENGINEER

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

Permit Number: 107950  
Issued This Date: 08/22/2018  
This permit is hereby given to: Florence Wanke

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

5772 SPRING BRANCH RD  
SPRING BRANCH, TX 78070

Subdivision: Rivermont  
Unit: 2  
Lot: 34  
Block: 11  
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 8/19/18 Permit # 107950  
Owner Name Florence Wanke Agent Name Keith Gott  
Mailing Address 5772 Spring Branch Rd Agent Address Po Box 386  
City, State, Zip Spring Branch TX 78070 City, State, Zip Boerne, TX 78006  
Phone # (210) 286-1933 Phone # 210-710-3300  
Email florence.wanke@gmail.com Email gott.keith@gmail.com

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

Subdivision Name Rivermont Unit 2 Lot 34 Block 11

Acreage/Legal \_\_\_\_\_

Street Name/Address 5772 Spring Branch Rd City Spring Branch Zip 78070

Type of Development:

Single Family Residential

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

Number of Bedrooms 3

Indicate Sq Ft of Living Area 1800

RECEIVED

AUG 20 2018

REVISED

Commercial or Institutional Facility

COUNTY ENGINEER

(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: \$ 175,000<sup>00</sup> (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.

Florence Wanke  
Signature of Owner

8-17-18  
Date

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

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

Date 8/3/18 Permit # 107950

Owner Name Florence Wanke Agent Name Keith Gott  
Mailing Address 5772 Spring Branch Rd Agent Address PO Box 386  
City, State, Zip Spring Branch, TX 78070 City, State, Zip Bocine, TX 78006  
Phone # 210 286 1933 Phone # 210-210-3350  
Email florencewanke@gmail.com Email gott.keith@gmail.com

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

Subdivision Name Rivermont Unit 2 Lot 34 Block 11

Acreage/Legal \_\_\_\_\_  
Street Name/Address 5772 Spring Branch Rd City Spring Branch Zip 78070

RECEIVED

AUG 10 2018

Type of Development:

Single Family Residential

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

Number of Bedrooms 3

Indicate Sq Ft of Living Area 1889

COUNTY ENGINEER

Commercial or Institutional Facility

(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 \_\_\_\_\_

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

I certify that the completed application and all additional information submitted does not contain any false information and does not conceal any material facts. Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities. I also understand that a permit of authorization to construct will not be issued until the floodplain administrator has approved and released the development permit for this property.

Florence Wanke  
Signature of Owner



**\*\*\* 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 Serdant

System Description Aerobic with spray distribution

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

Tank Size(s) (Gallons) 600 GPO Absorption/Application Area (Sq Ft) 3870

Gallons Per Day (As Per TCEQ Table III) 240

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

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

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

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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.

Hoyt Serdant \_\_\_\_\_ Date 7-29-18  
Signature of Designer



ak

AFFADAVIT

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

I

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

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II

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

LOT 34 Blk 11 Rivermont Subdivision Unit 2  
Comal County

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The property is owned by (insert owner's full name): FLORENCE WANKER

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

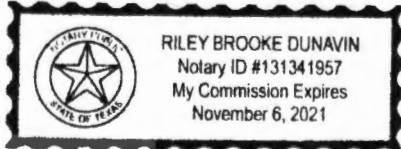
Upon sale or transfer of the above-described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.

WITNESS BY HAND(S) ON THIS 3 DAY OF August, 2018

Florence Wanker  
Owner(s) signature(s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 24<sup>th</sup> DAY OF JULY, 2018

[Signature]  
Notary Public, State of Texas



Notary's Printed Name: Riley Dunavin  
My Commission Expires: November 6, 2021



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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.

Filed and Recorded  
Official Public Records  
Bobbie Koepf, County Clerk  
Comal County, Texas  
08/10/2018 11:33:07 AM  
JESSICA 2 Page(s)  
201806031618



*Bobbie Koepf*

Regulatory Authority \_\_\_\_\_

Permit / License Number \_\_\_\_\_

# WASTEWATER TREATMENT FACILITY MONITORING AGREEMENT

Block Creek Aerobic Services, LLC  
444 A Old Hwy #9  
Comfort, TX 78013  
Off. (830)995-3189  
Fax (830)995-4051

Customer Florence Wanke  
Site Address 5772 Spring Branch Rd  
City Spring Branch Zip 78070  
Mailing Address 5772 Spring Branch Rd  
County Comal Map # \_\_\_\_\_  
Phone # 210.286.1933

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- I. General: This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between Florence Wanke (hereinafter referred to as "Customer") and Block Creek Aerobic Service, LLC. By this agreement, Block Creek Aerobic Service, LLC and its employees (hereinafter inclusively referred to as "Contractor") agree to provide 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 Dates: This Agreement commences on \_\_\_\_\_ and end on \_\_\_\_\_ for a total of two (2) years (initial agreement) or one (1) year (there after). If this is an initial agreement (new installation), the Customer will 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 with thirty (30) days written notice for any reason, including for example, substantial failure to perform in accordance with its terms, without fault or liability of the terminating party. If this Agreement is so 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. 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:
- 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.
  - Provide a written record of visits to the site by means of an inspection tag attached to or contained in the control panel.
  - Repair or replace, if Contractor has necessary materials at site, any component of the OSSF to be failing or inoperative during the course of a routine monitoring visit. If such services are not covered by warranty, and services costs are \$100.00, or less. Customer hereby authorizes Contractor to perform the service and bill Customer for said service. When service costs are greater than \$100.00, or if contractor does not have necessary supplies at the site. Contractor will notify Customer of required service(s) and associated cost(s). Customer must notify Contractor of arrangements to affect repair of system with two (2) business days after said notification.
  - Provide sample collection and laboratory testing of TSS and BOD on a yearly basis (commercial systems only).
  - Forward copies of this Agreement and all reports to the regulatory agency and the Customer.
  - 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 XX required. The responsibility to maintain the disinfection device(s) and provide any necessary chemicals is that of the Customer. FV (Initial)
- VI. Electronic Monitoring is not included in this Agreement.
- VII. Performance of Agreement: Commencement of performance by Contractor under this Agreement is contingent on the following conditions:
- If this is an initial Agreement (new installation):
    - Contractor's receipt of a fully executed original copy or facsimile of this agreement and all documentation requested by Contractor.
    - Contractor's receipt of payment of the wastewater-monitoring fee in accordance with the terms as described in Section XIV of this Agreement.
  - If this is not an initial Agreement (existing system):
    - Contractors receipt of a fully executed original copy or facsimile of this agreement and all documentation requested by Contractor.
    - Contractor's receipt of payment of the wastewater-monitoring fee in accordance with the terms as described in Section XIV of this Agreement.
  - 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:
- 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.
  - Protect equipment from physical damage including but not limited to that damage caused by insects.
  - Maintain a current license to operate, and abide by the conditions and limitation of that license, and all requirements for and OSSF from the State and/or local regulatory agency, whichever are more stringent, as well as proprietary system's manufacturer recommendations.
  - Notify Contractor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.
  - Provide, upon request by Contractor, water usage records for evaluation by Contractor as to the performance of the OSSF.

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- f. Allow for samples at both the inlet and outlet of the OSSF to be obtained by Contractor for the purpose of evaluation the OSSF's performance. If these samples are taken to a laboratory for testing, with the exception of the service provided under Section V. sub-section d. above. Customer agrees to pay contractor for 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 Contractor, 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. If not an initial agreement (new installation) and this access is not in place or provided for by the Customer, the cost for the labor of excavation, and possibly other labor and material costs will be required. These costs shall be billed to Customer as an additional service at a rate of \$35.00 per hour, plus material at list price. Excavated soil shall be replaced as best as Contractor can at the time such service is performed and under no circumstances is Contractor responsible for damages to sod, grass, roots, landscaping, or any unmarked underground items (telephone, television, or electrical cable, water, air, or gas lines, etc.), or for the uneven settling of the soil.
- 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. 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.
- XII. Fee for Services: The fee does not include any equipment, material, or labor necessary for non-warranty repairs or for unscheduled inspections. Customer requested visits to the site.
- XIII. Payment: Full amount due upon signature (Required of new Customer). Payment of invoice(s) for any other service or repair provided by contractor in due upon receipt of invoice. Invoices are mailed 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.
- XIV. Application or Transfer of payment: The fees paid for this agreement may transfer to the subsequent property owner(s); however this Agreement not transferable. Customer will advise 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.
- XV. Entire Agreement: This agreement contains the entire Agreement of the parties, and there are no other conditions in any other agreement, oral or written.

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*Burt Seidensticker*

Burt Seidensticker MP# 0000002

*Flora Wank*

Customer Signature

7-24-18

Date

# ON-SITE SEWERAGE FACILITY Soil Evaluation Report Information

Date Soil Survey Performed: 7/27/2018

Site Location: 5772 Spring Branch Road

Name of Site Evaluator: Hoyt Seidensticker Registration Number: OS0008771

Proposed Excavation Depth: n/a County: Comal

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**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.

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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 _____ 1  12 in  2 _____ 3 _____ 4 _____ 5 _____	III	Clay loam  rock	<30%	None	yes, rock	Brown

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 _____ 2  12"  2 _____ 3 _____ 4 _____ 5 _____	III	Clay loam  rock	<30%	None	yes, rock	Brown

### Features of Site Area

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

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

7-29-18

Date

ON-SITE SEWERAGE FACILITY  
Site Evaluation Report Information

RECEIVED

Date: 7/29/2018

AUG 10 2018

**Applicant Information:**

**Site Evaluator Information:**

Name: Florence Wanke  
Address: 5772 Spring Branch Road  
City: Spring Branch State: Texas Zip: 78070  
Phone: 210-286-1933

Name: Hoyt Seidensticker  
Company: Land Stewardship Services, LLC  
Address: 1822 FM 473  
City: Boerne State: Texas Zip: 78006  
Phone: (210) 414-6603 Fax: (830) 336-4697

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**Property Location:**

Lot: 34 Block: 11 Sub.: Rivermont, Unit 2  
Street/Road Address: 5772 Spring Branch Road  
City: Spring Branch State: Texas Zip: 78070  
Unincorporated Area? Y or N Y  
Additional information \_\_\_\_\_

**Installer information:**

Name: Keith Gott OS0006286  
Company: Bulls Eye Septic, LLC  
Address: P.O. Box 386  
City: Boerne State: Texas Zip: 78006  
Phone: (210) 710-3350 Fax: (210) 579-6815

**Schematic of Lot or Tract**

**Show:**

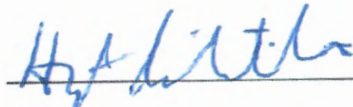
- Compass North, adjacent streets, property lines, property lines, property dimensions, location of buildings, easements, water lines, and other surface improvements where known (drainage, patios, sidewalks).
- Location of existing or proposed water wells within 150 feet of property.
- Indicate slope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

**SITE DRAWING**

Lot Size: \_\_\_\_\_ acres

SEE ATTACHED

Signature of Site Evaluator



Site Evaluator License No:

OS0000771

7/29/2018

7:24 PM

Aerobic with Spray  
Distribution System

# ON-SITE SEWERAGE FACILITY DESIGN CRITERIA

Florence Wanke

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### Property Information:

St. Address: 5772 Spring Branch Road  
City: Spring Branch State: Texas  
Zip code: 78070

### House Information

No. of Bedrooms: \_\_\_\_\_ COUNTY ENGINEER  
Sq. footage (Approx.): 1888  
Water Supply: well

### Predicted Quantity of Sewage (Q)

Water Saving Devices in Home (y/n): YES  
Gallons/day (Q): 240  
Greywater included (yes/no): YES

### Supply Line from House

Length of supply line (approx. ft): 10  
Type of supply line: SCH 40 PVC  
Size of Supply line (in): 3 or 4

### Rate of Adsorption (Ra)

Application rate (g/sq. ft): 0.064  
Minimum Adsorptive Area (sq. ft.): 3750

### Supply Line For Spray Irrigation System

Length of supply line (approx. ft): 67  
Type of supply line: SCH 40 PVC  
Size of supply line (in): 1

### Aerobic Unit

Required size of aerobic unit: 500 gpd  
Pretreatment Tank (gallons): 353  
Class 1 Aerobic Unit: NuWater 550-PC-400PT  
Pump tank total capacity (gal): 768  
Chlorination: Liquid installed in Tank  
Pump Switch operation: Float system  
Dosing cycle quantity (gals): Varied  
Cycling time: night time  
Pump size and capacity: Franklin E-Series 20 GPM

### Disposal Area per this System

$\pi (30)^2/2 = 1413$   
 $\pi (30)^2/2 = 1413$   
 $\pi (30)^2/2 = 1413$   
minus overlap 369  
Total irrigated area (sq. ft.): 3870

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

Hoyt Seidensticker

Hoyt Seidensticker, R.S. No. 3588

Land Stewardship Services, LLC, 1822 FM 473, Boerne, Texas 78006

Cell (210) 414-6603, Fax (830) 336-4697

7-29-17  
Date



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



7/29/2018  
7:24 PM  
Aerobic with Spray  
Distribution System

# ON-SITE SEWERAGE FACILITY DESIGN CRITERIA

Florence Wanke

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## Head Pressure

Elevation Head: 4  
Pressure Head: 92  
Friction Head: 2.68  
Total head: 98.68

## Sprinkler Head Information

K-Rain sprinkler head PROPLUS,  
low angle nozzle  
No. 3 @40psi      GPM: COUNTY ENGINEER 5.1  
Number of sprinkler heads: 3  
Gallons per minute: 9.3

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A class 1 aerobic wastewater treatment unit, chlorination and spray distribution system will be designed for this location. Wastewater from the residence will flow to a pretreatment/trash tank, then to the treatment unit. Treated effluent will be disinfected by a Chlorination Station 200-1500 Unit in the pump tank, before being disposed of through above ground sprinkler heads.

All warning systems shall be installed with the aerobic unit

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

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

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

At every inspection a Total Chlorine Residual test must be conducted on the effluent in the pump tank and must be a minimum acceptable level of .1 mg/l residual.

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

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



Hoyt Seidensticker, R.S. No. 3588

Land Stewardship Services, LLC, 1822 FM 473, Boerne, Texas 78006

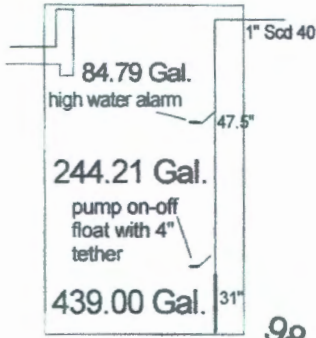
Cell (210) 414-6603, Fax (830) 336-4697

Date

7-29-18



Scale 1"=30'



# Site Map

## Aerobic with Spray Distribution System

Florence Wanke

Lot: 34 Blk.: 11

Rivermont Subdivision Unit #2

Spring Branch, Texas 78070

Comal County

P.L. 100'



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

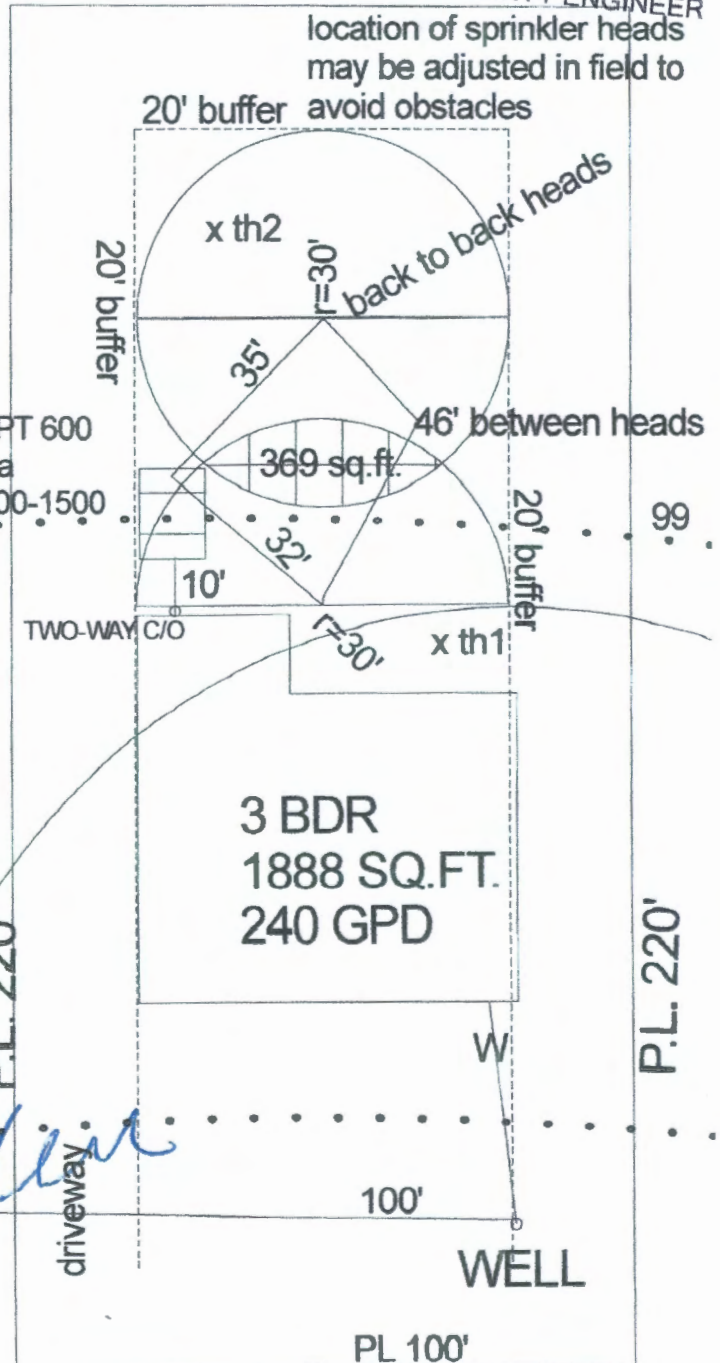
Risers must be permanently fastened to the tank lid or cast into the tank. The connection between the riser and the tank lid must be watertight. Risers must be fitted with removable watertight caps and protected against unauthorized intrusions by either a padlock, a cover that can be removed with specialized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

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

NuWater 550-PC-400PT 600  
gpd Aerobic Unit with a  
Chlorination Station 200-1500

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.

100 yr flood plain does not exist on this tract



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

Spring Branch Road

# Assembly Details

OSSF

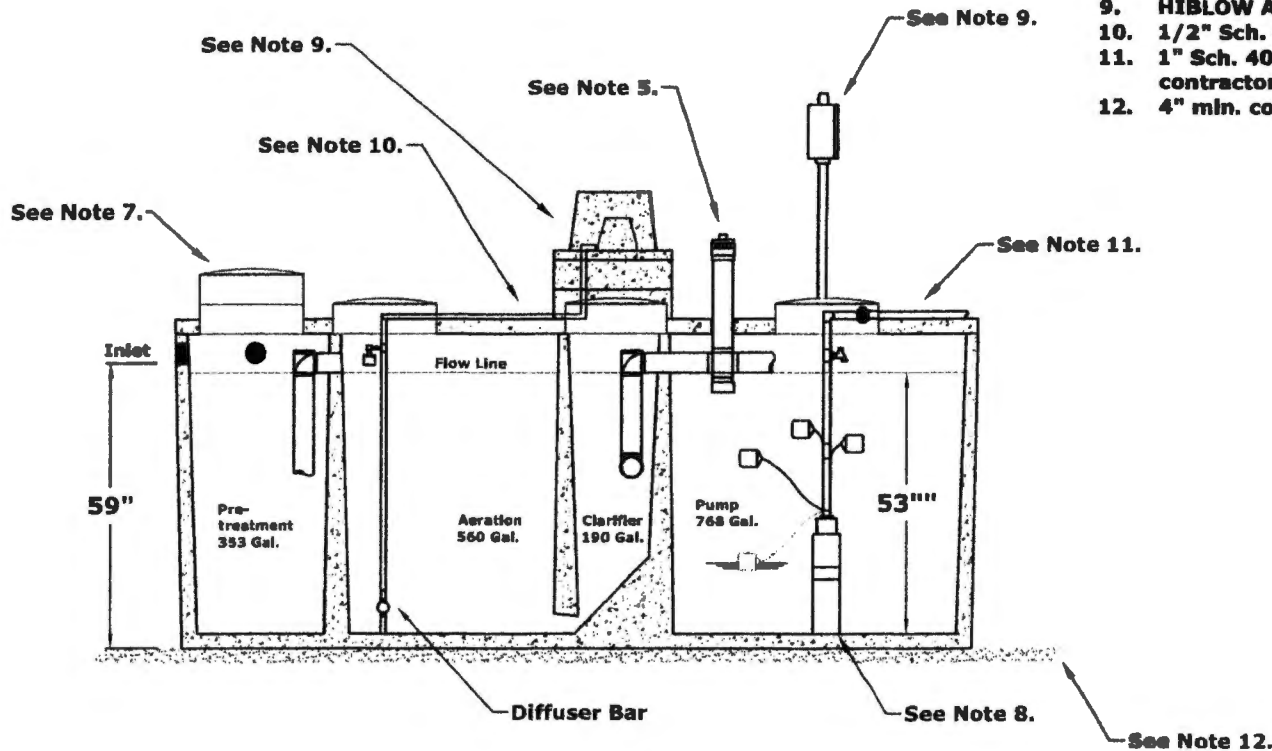
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## GENERAL NOTES:

1. Plant structure material to be precast concrete and steel.
2. Maximum burial depth is 30" from slab top to grade.
3. Weight = 14,900 lbs.
4. Treatment capacity is 600 GPD. Pump compartment set-up for a 360 GPD Flow Rate (4 bedroom, < 4,000 sq/ft living area). Please specify for additional set-up requirements. BOD Loading = 1.62 lbs. per day.
5. Standard tablet chlorinator or Optional Liquid chlorinator. NSF approved chlorinators (tablet & liquid) available.
6. Bio-Robix B-550 Control Center w/ Timer for night spray application. Optional Micro Dose (min/sec) timer available for drip applications. Electrical Requirement to be 115 Volts, 60 Hz, Single Phase, 30 AMP, Grounded Receptacle.
7. 20" Ø access riser w/ lid (Typical 4). Optional extension risers available.
8. 20 GPM 1/2 HP, high head effluent pump.
9. HIBLOW Air Compressor w/ concrete housing.
10. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
11. 1" Sch. 40 PVC pipe to distribution system provided by contractor.
12. 4" min. compacted sand or gravel pad by Contractor



**DIMENSIONS:**  
 Outside Height: 67"  
 Outside Width: 63"  
 Outside Length: 164"

**MINIMUM EXCAVATION DIMENSIONS:**  
 Width: 76"  
 Length: 176"

**NuWater B-550 (600 GPD)  
 Aerobic Treatment Plant (Assembled)**

**Model: B-550-PC-400PT**

March, 2012 - Rev 1  
 By: A.S.

**Scale:**  
 \* All Dimensions subject to allowable specification tolerances.

Dwg. #: ADV-B550-3

**Advantage**  
 Wastewater Solutions llc

Advantage Wastewater Solutions llc.  
 444 A Old Hwy No 9  
 Comfort, TX 78013  
 830-995-3189  
 fax 830-995-4051

**E-Series**

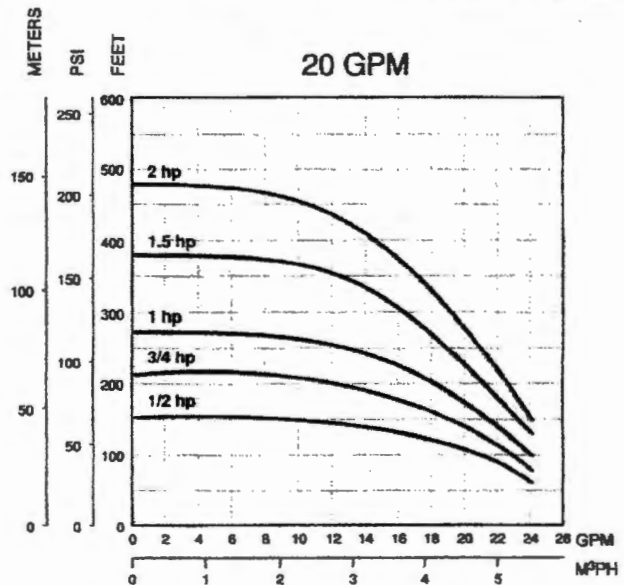
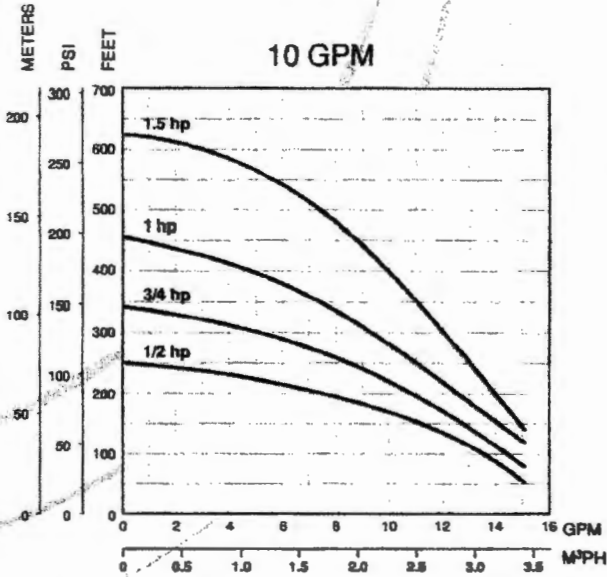


# Environmental Series Pumps

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**Thermoplastic Performance**  
COUNTY ENGINEER



## 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

# FPS E series

## High Head Filtered Effluent Pump

### Applications:

- Filtered Effluent Service
- Aeration
- Ornamental Fountains/Waterfalls

### Features:

- Has built-in filtered effluent pumping and aeration
  - Stainless Steel and Thermoplastic Polyethylene motor bracket are tough and long-lasting. Both materials are highly resistant to damage by chlorine, metals and other substances typically found in water.
  - Heavy duty, 300 volt, 10" S/COW 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 Non-Clogging design allows close to ground and increased performance
  - Stainless steel up-churn washer and end cap for severe applications
  - Removable built-in check valve
  - Powered by Franklin Electric's most efficient motor
- Franklin Electric is a Registered Trademark of F.E.



**Franklin Electric**

# PROPLUS™ GEAR DRIVEN SPRINKLER SETTING INSTRUCTIONS

## SPRINKLER INSTALLATION

### 1 ▶ INSTALL AND BURY

Do not use pipe dope. Thread the sprinkler on the pipe. Bury the sprinkler flush to grade. **NOTE:** Gear driven sprinklers and pop-up sprays should not be installed on the same watering zone.

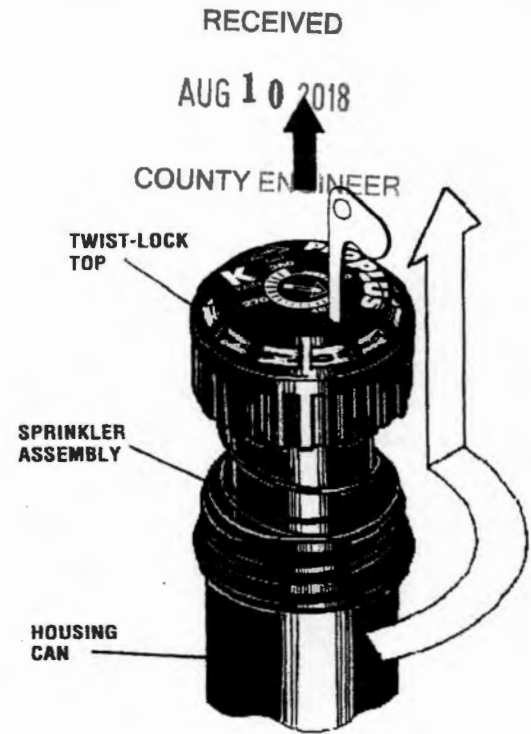
### 2 ▶ INSPECTING THE FILTER

Unscrew the top and lift the complete sprinkler assembly out of the housing can. The filter is located on the bottom of the sprinkler assembly and can easily be pulled out, cleaned and re-installed.

### 3 ▶ WINTERIZATION TIPS

When using an air compressor to remove water from the system please note the following:

- 1) Do not exceed 30 PSI.
- 2) Always introduce air into the system gradually to avoid air pressure surges. Sudden release of compressed air into the sprinkler can cause damage.
- 3) Each zone should run no longer than 1 minute on air. Sprinklers turn 10 to 12 times faster on air than on water. Over spinning rotors on air can cause damage to the internal components.



## STANDARD NOZZLE PERFORMANCE

Nozzle	U.S.			METRIC			Flow	
	Pressure PSI	Radius Feet	Flow GPM	Pressure KPa / Bars	Radius Meters	Flow L/M	MP/H	
#2.5 Factory Installed Nozzle	30	38'	2.5	206 2.0	11.6	9.5	.57	
	40	39'	2.8	275 3.0	11.9	10.6	.64	
	50	40'	3.2	345 3.5	12.2	12.1	.73	
	60	41'	3.5	413 4.0	12.5	13.2	.79	
#0.5	30	28'	1.9	206 2.0	8.5	1.9	.11	
	40	29'	2.2	275 3.0	8.8	2.3	.14	
	50	29'	2.5	345 3.5	9.1	2.6	.16	
	60	30'	2.8	413 4.0	9.4	3.0	.18	
#0.75	30	29'	0.7	206 2.0	8.8	2.6	.16	
	40	30'	0.8	275 3.0	9.1	3.0	.18	
	50	31'	0.9	345 3.5	9.4	3.4	.20	
	60	32'	1.0	413 4.0	9.8	3.8	.23	
#1	30	32'	1.3	206 2.0	9.6	4.9	.14	
	40	33'	1.5	275 3.0	10.1	5.7	.18	
	50	34'	1.6	345 3.5	10.4	6.1	.20	
	60	35'	1.8	413 4.0	10.7	6.8	.23	
#2	30	37'	2.4	206 2.0	11.3	9.1	.54	
	40	40'	2.5	275 3.0	12.2	9.5	.56	
	50	42'	3.0	345 3.5	12.8	11.4	.68	
	60	43'	3.3	413 4.0	13.1	12.5	.75	
#3	30	38'	3.6	206 2.0	11.6	13.6	.75	
	40	39'	4.2	275 3.0	11.9	15.9	.95	
	50	41'	4.6	345 3.5	12.5	17.4	1.04	
	60	42'	5.0	413 4.0	12.8	18.9	1.13	
#4	30	43'	4.4	206 2.0	13.1	16.7	.99	
	40	44'	5.1	275 3.0	13.4	19.3	1.15	
	50	46'	5.6	345 3.5	14.0	21.2	1.27	
	60	49'	5.9	413 4.0	14.9	22.3	1.33	
#6	40	45'	5.9	206 3.0	13.7	22.3	1.33	
	50	46'	6.0	275 3.5	14.0	22.7	1.36	
	60	48'	6.3	345 4.0	14.6	23.8	1.43	
	70	49'	6.7	413 5.0	14.9	25.4	1.52	
#8	40	42'	8.0	206 3.0	12.8	30.3	1.81	
	50	45'	8.5	275 3.5	13.7	32.2	1.92	
	60	49'	9.5	345 4.0	14.9	36.0	2.15	
	70	50'	10.0	413 5.0	15.2	37.9	2.27	

## LOW ANGLE NOZZLE PERFORMANCE

Nozzle	U.S.			METRIC			Flow	
	Pressure PSI	Radius Feet	Flow GPM	Pressure KPa / Bars	Radius Meters	Flow L/M	MP/H	
#1	30	22'	1.2	207 2.0	6.7	4.5	.34	
	40	24'	1.7	275 3.0	7.3	6.4	.39	
	50	26'	1.8	344 3.5	7.9	6.8	.41	
	60	28'	2.0	413 4.0	8.5	7.6	.46	
#3	30	29'	3.0	207 2.0	11.4	11.4	.68	
	40	32'	3.3	275 3.0	11.7	11.7	.71	
	50	35'	3.6	344 3.5	12.1	13.2	.80	
	60	37'	3.9	413 4.0	12.5	14.4	.87	
#4	30	31'	3.4	207 2.0	9.4	12.9	.78	
	40	34'	3.9	275 3.0	10.4	14.8	.89	
	50	37'	4.4	344 3.5	11.3	16.7	1.00	
	60	38'	4.7	413 4.0	11.6	17.8	1.07	
#6	40	38'	6.0	275 3.0	11.5	24.6	1.68	
	50	40'	7.0	344 3.5	12.2	27.6	1.66	
	60	42'	8.0	413 4.0	12.8	30.3	1.82	
	70	44'	8.6	482 5.0	13.4	32.6	1.96	

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



**K-RAIN MANUFACTURING CORP.**  
 1640 Australian Avenue  
 Riviera Beach, FL 33404 USA  
 PH: 1-561-844-1002 / 1-800-735-7246  
 FAX: 1-561-842-9493  
 WEB: <http://www.krain.com>

# PROPLUS™ GEAR DRIVEN SPRINKLER SETTING INSTRUCTIONS

**NOTE:** The ProPlus is factory preset with a 90° arc setting, and includes a pre-installed #2.5 nozzle.

## CHANGING A NOZZLE

### 1► REMOVING THE NOZZLE RETENTION SCREW

Use your K-Key or a small flat blade screwdriver to remove the nozzle retention screw by turning counter-clockwise to remove and clockwise to re-install.

### 2► PULL UP THE RISER

Insert the K-Key in the keyhole on the top of the nozzle turret and turn the key 1/4 turn to insure that the key does not slip out of the keyhole when you pull it up. Firmly pull up the entire spring-loaded riser to access the nozzle socket. Hold the riser assembly up with one hand.

### 3► REMOVING THE NOZZLE

With the nozzle retention screw removed, insert the K-Key into the slot directly under the nozzle "prongs" at the top of the nozzle. Now, turn the key 1/4 turn to "hook" the nozzle and pull the nozzle out.

### 4► INSTALLING A NOZZLE

Press the desired nozzle into the nozzle socket. Make sure the nozzle number is visible and the nozzle "prongs" are up. Then, re-install the nozzle retention screw. **NOTE:** The nozzle retention screw is also a break-up screw and used to adjust the distance of the spray.

## SETTING THE ARC ADJUSTMENT

### 1► FINDING THE LEFT START POSITION

Place your finger on the top center of the nozzle turret. Rotate the turret to the right until it stops and then back to the left until it stops. Notice the position of the nozzle arrow. This is the "Left Start" position. The sprinkler will begin spraying from this position and rotate clockwise until it reaches the right Adjustable Stop-Return Point.

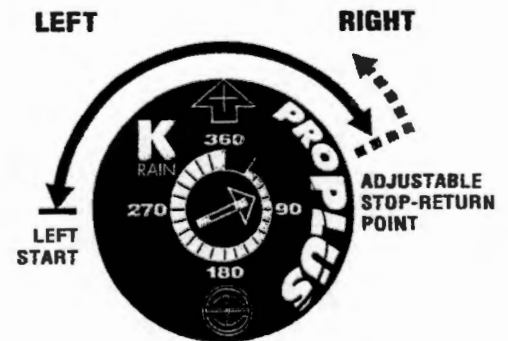
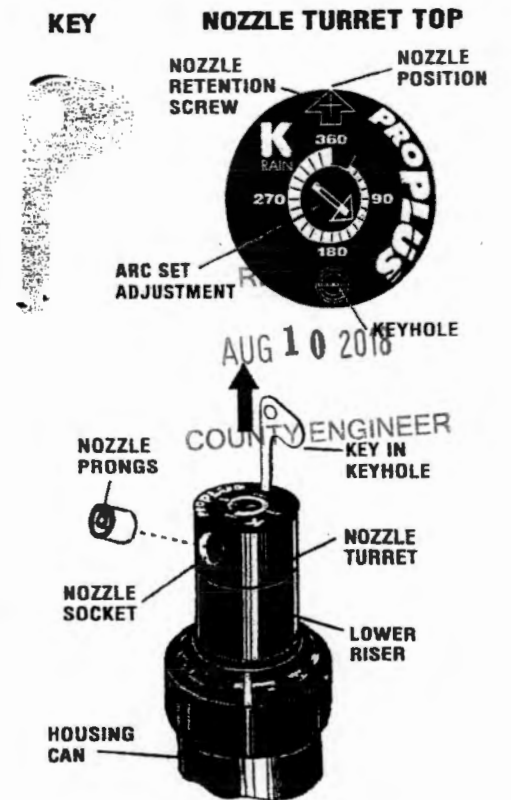
### 2► ORIENTING THE LEFT START POSITION

Insert the K-Key in the keyhole on the top of the nozzle turret and turn the key 1/4 turn to insure that the key does not slip out of the keyhole when you pull it up. Being careful not to allow the nozzle turret to turn, firmly pull up the entire spring-loaded riser. Hold the lower riser assembly up with one hand. Now turn only the lower riser clockwise or counter-clockwise until the nozzle arrow is pointing where you want the sprinkler to begin spraying.

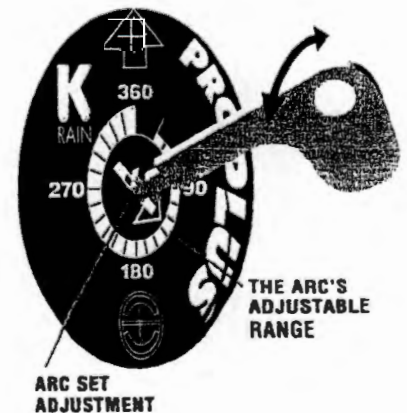
### 3► CHANGING THE ARC

Insert the K-Key or a small flat blade screwdriver into the Arc Set Adjustment slot. Turn clockwise to increase the arc or counter-clockwise to decrease the arc.

**WHEN SET AT 360°, THE PROPLUS WILL ROTATE CONTINUOUSLY IN A CLOCKWISE DIRECTION.**



**ARC SELECTION:  
35° TO 360°**



FILED BY ATC  
SPRING BRANCH

GF # 4000131700668

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.

RECEIVED

**General Warranty Deed**

AUG 10 2018

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY ENGINEER

COUNTY OF COMAL §

Executed on date of acknowledgement to be Effective on: September 15, 2017.

Grantor: BLAKELEY PROPERTIES, LLC

Grantor's Mailing Address: P.O. Box 1349, Spring Branch, Comal County, Texas 78070

Grantee: FLORENCE WANKE

Grantee's Mailing Address: 5090 Spring Branch Road, Spring Branch, Comal County, Texas 78070

Consideration: TEN DOLLARS (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Property (including any improvements): Lot 34, Block 11, Rivermont Unit 2, Comal County, Texas, according to plat thereof recorded in Volume 5, Pages 21-24, Map and Plat Records of Comal County, Texas.

Reservations from Conveyance: None.

Exceptions to Conveyance and Warranty: All presently recorded restrictions, reservations, easements, covenants and conditions that affect the property and taxes for the current year, the payment of which Grantee assumes.

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



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

BLAKELEY PROPERTIES, LLC

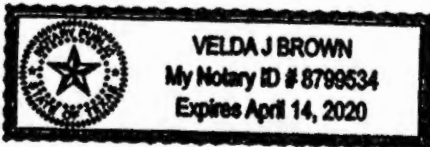
By: [Signature]  
Printed Name: DALE FISHER  
Title: MANAGING MEMBER

RECEIVED

THE STATE OF TEXAS \*  
COUNTY OF Comal \*

AUG 10 2018

This instrument was acknowledged before me on this the 13<sup>th</sup> day of Sept, 2017, by Dianna Fisher and Dale Fisher managing member of BLAKELEY PROPERTIES, LLC, in the capacity therein stated on behalf of said company. Member



[Signature]  
NOTARY PUBLIC, STATE OF TEXAS  
Notary's Name Printed: \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_

AFTER RECORDING RETURN TO:  
ALAMO TITLE COMPANY  
GF No. 4000131700668

PREPARED IN THE LAW OFFICE OF:  
KRISTEN QUINNEY PORTER, LLC  
P.O. Box 312643  
New Braunfels, Texas 78131-2643

Filed and Recorded  
Official Public Records  
Bobbie Koepf, County Clerk  
Comal County, Texas  
09/15/2017 04:18:16 PM  
CHRISTY 2 Pages(s)  
201706042560



Bobbie Koepf

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

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

To: Home Owner  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 7/26/2019  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070

Permit #: **107950**

Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2019 - 3/6/2021  
Scheduled Date: 11/6/2019 Inspection 2 of 6  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

**Visit Date: 7/26/2019**

**Method: Grab**

**Technician: Alex Seidensticker**

**Maint. Provider: Burt Seidensticker**

**Aerators: Operational**

**Filters: Operational**

**Irrigation Pumps: Operational**

**Disinfection Device: Operational**

**Chlorine Supply: Operational**

**Chlorine Residual: 0.1mg/L**

This counts as a type of "Scheduled Inspection"

**Entered By: Alex Seidensticker**

**Tank Lid / Riser: Secured**

**Electric Circuits: Operational**

**Distribution System: Operational**

**Sprayfield Veg: Operational**

**Alarm: Operational**

**Comments**

please contact office to set up scheduled inspection and contact information. - Technician Secured the Tank Lid or Riser prior to leaving location. - Attention: Chlorine Residual reading was ZERO

**Service Completed**

Insp ID #: 80145

Provider: **Burt Seidensticker**

Technician: **Alex Seidensticker**

License #: MP000002

License #: MP0001961

Expires: 9/30/2021

*Burt Seidensticker*

*MSD*

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

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

To: Florence Wanke  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 8/5/2019  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 286-1933

Permit #: **107950** Customer ID: 6409  
Agency: Comal County Contract Dates: 3/6/2019 - 3/6/2021  
County: Comal Sub: Inspection 2 of 6  
Mfg / Brand: Advantage Wastewater LLC - Nu Water. Installed: 8/20/2018  
Treatment Type: Aerobic With Chlorine System S/N: B32095 Aerator S/N: 32105 Warranty End: 8/20/2020  
Disposal: Surface Application GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 8/5/2019 Time In: 3:50 Out: 4:05

Entered By: Alex Seidensticker

Method: Grab

Technician: Not Assigned

Maint. Provider: Burt Seidensticker

Aerators: Operational

**Sludge Levels**

Filters: Operational

For Tank 1: 12

Irrigation Pumps: Operational

For Tank 2: 0"

Disinfection Device: Operational

For Tank 3: 0"

Chlorine Supply: Operational

CFM: 2.5

Chlorine Residual: 1.3

Air Filter: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

PSI Pressure: 3.0

Comments

Service Completed

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Scum in pretreatment is 3". - Secured system in the on position with a lock bolt

Insp ID #: 80831

Provider: Burt Seidensticker

License #: MP0000002

*Burt Seidensticker*

*Alex*

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

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

To: Florence Wanke  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 2/27/2020  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 286-1933

Permit #: **107950**  
Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2019 - 3/6/2021  
Scheduled Date: 3/6/2020 Inspection 3 of 6  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"  
Entered By: Cody Ryan Jurgensen

Visit Date: 2/27/2020 Time In: 255 Out: 310

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: .82

**Sludge Levels**

For Tank 1: 8"

For Tank 2: 0"

For Tank 3: 0"

CFM: 3.3

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

PSI Pressure: 3.6

**Comments**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter - Scum in pretreatment is 2" - unclogged sprinkler screen - Secured system in the on position with a lock bolt

Service Completed

Owner signature:

Insp ID #: 90230

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: Florence Wanke  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 8/5/2020  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 286-1933

Permit #: **107950**  
Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2019 - 3/6/2021  
Scheduled Date: 7/6/2020 Inspection 4 of 6  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

✓ This counts as a type of "Scheduled Inspection"

**Visit Date: 8/5/2020**

Time In: 9:50

Out: 10:30

Entered By: Michael S Looney

**Method: Grab**

Technician: Michael S Looney

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.06

**Sludge Levels**

For Tank 1: 6"

For Tank 2: 0"

For Tank 3: 0"

CFM: 2.8

Air Filter: Good

Turbidity: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

**Comments**

✓ **Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter, broke up scum in pre treatment tank. Checked sprinklers. Secured safety pans on system. Secured in place with lockbolt. Added bleach with homeowner.

**Owner signature:**

Insp ID #: 96746

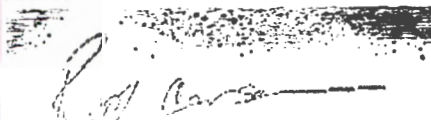
Provider: **Rudy Carson**

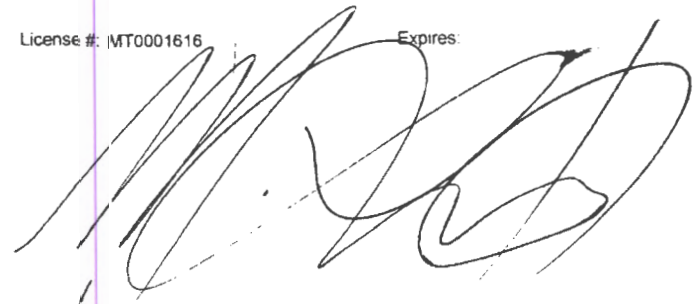
Technician: **Michael S Looney**

License #: MP0002036

License #: MT0001616

Expires:

  
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: Florence Wanke**  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 8/5/2020  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 286-1933

Permit #: **107950**

Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2019 - 3/6/2021  
Scheduled Date: 7/6/2020 Inspection 4 of 6  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

✓ This counts as a type of "Scheduled Inspection"

**Visit Date: 8/5/2020**

Time In: 9:50

Out: 10:30

**Entered By: Michael S Looney**

**Method: Grab**

**Technician: Michael S Looney**

**Maint. Provider: Rudy Carson**

**Aerators: Operational**

**Filters: Operational**

**Irrigation Pumps: Operational**

**Disinfection Device: Operational**

**Chlorine Supply: Operational**

**Chlorine Residual: 1.06**

**Sludge Levels**

**For Tank 1: 6"**

**For Tank 2: 0"**

**For Tank 3: 0"**

**CFM: 2.8**

**Air Filter: Good**

**Turbidity: Good**

**Tank Lid / Riser: Secured**

**Electric Circuits: Operational**

**Distribution System: Operational**

**Sprayfield Veg: Operational**

**Color: Good**

**Odor: Good**

**Alarm: Operational**

**Comments**

✓ **Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter, broke up scum in pre treatment tank. Checked sprinklers. Secured safety pans on system. Secured in place with lockbolt. Added bleach with homeowner.

**Owner signature:**

Insp ID #: 96746

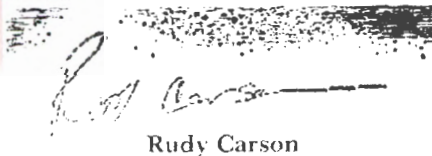
**Provider: Rudy Carson**

**Technician: Michael S Looney**

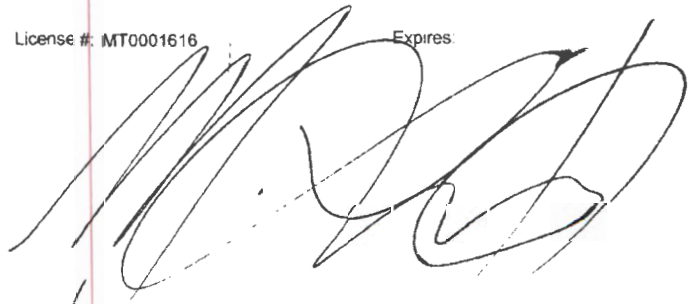
License #: MP0002036

License #: MT0001616

Expires:



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: Florence Wanke  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 10/28/2020  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 286-1933

Permit #: 107950

Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409

Contract Dates: 3/6/2019 - 3/6/2021

Scheduled Date: 11/6/2020

Inspection 5 of 6

Installed: 8/20/2018

Aerator S/N: 32105

Warranty End: 8/20/2020

GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 10/28/2020

Time In: 10:20

Out: 10:40

Entered By: Joseph A Crowder

Method: Grab

Technician: Joseph A Crowder

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.56mg/L

**Sludge Levels**

For Tank 1: 16

For Tank 2: 0"

For Tank 3: 0"

CFM: 2.0

Air Filter: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

PSI Pressure: 4.0

**Comments**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Scum in pretreatment is 2". Cleaned air filter and reset timer. - Secured system in the on position with a lock bolt

Service Completed

Insp ID #: 100821

Provider: **Rudy Carson**

Technician: **Joseph A Crowder**

License #: MP0002036

License #: MT0001769

Expires: 9/30/2022

  
Rudy Carson



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

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

Date: 12/28/2020

**Permit #: 107950**

**To: Florence Wanke**  
**5772 Spring Branch Rd**  
**Spring Branch, TX 78070**

**Contract Period**

<b>Start Date: 3/6/2021</b>
<b>End Date: 3/6/2022</b>

Phone: (210) 286-1933      Subdivision:

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

County: Comal

Installer: Keith Gott

Agency: Comal County

Mfg/Brand: Advantage Wastewater LLC / Nu Water

Installed: 8/20/2018

Warranty Ends: 8/20/2020

Block Creek Concrete Products, LLC

3 visits per year - one every 4 months

600 gallons per day

Map Key:

ID: 6409

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.

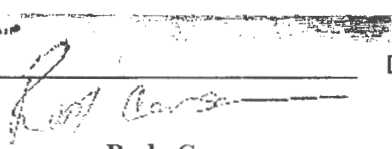
Items included on the Inspection Report generally include aerators, filters, irrigation pump, air compressor, disinfection device, chlorine supply, OK System light, spray field vegetation, probe, sprinkler or drip backwash.

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

Certified Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

12.28.2020



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: Florence Wanke  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 4/5/2021  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 286-1933

Permit #: 107950

Agency: Comal County

County: Comal

Sub:

Mfg / Brand: Advantage Wastewater LLC - Nu Water

Treatment Type: Aerobic With Chlorine System S/N: B32095

Disposal: Surface Application

Customer ID: 6409

Contract Dates: 3/6/2021 - 3/6/2022

Scheduled Date: 3/6/2021

Inspection 1 of 3

Installed: 8/20/2018

Aerator S/N: 32105

Warranty End: 8/20/2020

GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 4/5/2021

Time In: 9:30am

Out: 9:45am

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: 0.60mg/L

**Sludge Levels**

For Tank 1: 13

For Tank 2: 0"

For Tank 3: 0"

CFM: 3.0

Air Filter: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

PSI Pressure: 3.3

**Comments**

Service Completed

- 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 - Scum in pretreatment is 7" - Cleaned compressor filter

Insp ID #: 107204

Provider: **Rudy Carson**

Technician: Ronnie W Krampota

License #: MP0002036

License #: MT0001175

Expires: 7/31/2023

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

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

To: Florence Wanke  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 8/4/2021  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 286-1933

Permit #: 107950

Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2021 - 3/6/2022  
Scheduled Date: 7/6/2021 Inspection 2 of 3  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"  
Entered By: Michael S Looney

Visit Date: 8/4/2021 Time In: 10:20 Out: 10:40

Method: Grab

Technician: Michael S Looney

Maint. Provider: Rudy Carson

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: 1.72

**Sludge Levels**  
For Tank 1: 15"  
For Tank 2: 0"  
For Tank 3: 0"

CFM: 3.0

Air Filter: Good

Turbidity: Good  
Tank Lid / Riser: Secured

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

Color: Good  
Odor: Good

Alarm: Operational

**Comments**

**Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter. Checked sprinkler system. Reset timer. Scum in pretreatment 6".

insp ID #: 12023

Provider: **Rudy Carson**

Technician: *Michael S Looney*

License #: MP0002036

License #: MT0001616

Expires:



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

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

To: Florence Wanke  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 12/7/2021  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 286-1933

Permit #: **107950**

Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409

Contract Dates: 3/6/2021 - 3/6/2022

Scheduled Date: 11/6/2021

Inspection 3 of 3

Installed: 8/20/2018

Aerator S/N: 32105

Warranty End: 8/20/2020

GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 12/7/2021

Time In: 4pm

Out: 4:15pm

Entered By: Jason K Stanberry

Method: Grab

Technician: Jason K Stanberry

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .66

**Sludge Levels**

For Tank 1: 10"

For Tank 2: 0"

For Tank 3: 0"

CFM: 3.6

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: 3.2

**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 6"

Insp ID #: 117501

Provider: **Rudy Carson**

Technician: Jason K Stanberry

License Info: MP0002036 Expires:

License Info: MP0002388 Expires: 10/30/2024



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

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

Date: 1/20/2022

**Permit #: 107950**

Contract Period

<b>Start Date: 3/6/2022</b>
<b>End Date: 3/6/2023</b>

**To: Florence Wanke**  
**5772 Spring Branch Rd**  
**Spring Branch, TX 78070**

Phone: (210) 891-7668    Subdivision:  
Site: 5772 Spring Branch Rd, Spring Branch, TX 78070  
County: Comal  
Installer: Keith Gott  
Agency: Comal County  
Mfg/Brand: Advantage Wastewater LLC / Nu Water

Installed: 8/20/2018  
Warranty Ends: 8/20/2020

Block Creek Concrete Products, LLC  
3 visits per year - one every 4 months  
600 gallons per day  
Map Key:                      ID: 6409

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: \_\_\_\_\_

1-20-22

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

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

To: Florence Wanke  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 3/28/2022  
Site: 5772 Spring Branch Rd  
Spring Branch, TX 78070  
(210) 891-7668

Permit #: **107950**

Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2022 - 3/6/2023  
Scheduled Date: 3/6/2022  
Inspection 1 of 3  
Installed: 8/20/2018  
Warranty End: 8/20/2020  
Aerator S/N: 32105  
GPS Coordinates - Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

Visit Date: 3/28/2022

Time In: 835am

Out: 849am

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: .80

**Sludge Levels**

For Tank 1: 8"

For Tank 2: 0"

For Tank 3: 0"

Air Filter: Good

Tank Lid / Riser: 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. - Cleaned compressor filter - Scum in pretreatment is 6" Reset timer.  
Spray pump and sprinklers working properly.

**Service Completed**

Provider: *Rudy Carson*

License Info: MP0002036 Expires:

Technician: *Alejandro Gonzalez*

License Info: MT0000996 Expires: 1/31/2025

Insp ID #: 121521

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

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

**To: Florence Wanke**  
**5772 Spring Branch Rd**  
**Spring Branch, TX 78070**

Printed:6/30/2022      Main Phone: (210) 891-7668  
Insp ID #:127043      Work:  
Cell Phone:  
Alt Cell:

Permit #: **107950**

Agency: Comal County  
County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine      System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409

Contract Dates: 3/6/2022 - 3/6/2023

Scheduled Date: 7/6/2022

Inspection 2 of 3

Installed: 8/20/2018

Aerator S/N: 32105

Warranty End: 8/20/2020

GPS Coordinates: Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"  
**Entered By: Jose Ramos**

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

Time In: 130p

Out: 153p

**Method: Grab**

**Technician: Jose Ramos**

**Maint. Provider: Rudy Carson**

**Aerators: Operational**

**Filters: Operational**

**Irrigation Pumps: Operational**

**Disinfection Device: Operational**

**Chlorine Supply: Operational**

**Chlorine Residual: 0.9**

**Sludge Levels**

**For Tank 1: 18"**

**For Tank 2: 0"**

**For Tank 3: 0"**

**Floats: OP**

**Timer: OP**

**CFM: 2.4**

**Electric Circuits: Operational**

**Distribution System: Operational**

**Sprayfield Veg: Operational**

**Tank Lid / Riser: Secured**

**Insp. Port / Plug: Secured**

**Alarm: Operational**

**Comments**

**Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving.  
Cleaned compressor filter. Reset current time. Tank 1 scum 6".

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

**Provider: Rudy Carson**

**Technician: Jose Ramos**

License Info: MP0002036 Expires:

License Info: 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: Florence Wanke**  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 11/11/2022 Main Phone: (210) 891-7668  
Insp ID #: 133270 Work:  
Cell Phone:  
Alt Cell:

Permit #: **107950**

Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2022 - 3/6/2023  
Scheduled Date: 11/6/2022 Inspection 3 of 3  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates: Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"  
**Entered By: Jose Ramos**

**Visit Date: 11/11/2022** Time In: 155p Out: 213

**Method: Grab**  
**Technician: Jose Ramos**  
**Maint. Provider: Rudy Carson**

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: 0.6

**Sludge Levels**  
**For Tank 1: 22"**  
**For Tank 2: 0"**  
**For Tank 3: 0"**

**Floats: OP** **CFM: 2.4**  
**Timer: OP**

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

**Tank Lid / Riser: Secured**  
**Insp. Port / Plug: Secured**

**Alarm: Operational**

**Comments**

**Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving.  
Cleaned compressor filter. Reset current time. Tank 1 scum 6".

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

Provider: **Rudy Carson**

Technician: Jose Ramos

License Info: MP0002036 Expires: 11/30/2022

License Info: 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

Customer ID: 6409

**Contract Period**

<b>Start Date: 3/6/2023</b>
<b>End Date: 3/6/2024</b>

Main Phone: (210) 891-7668  
Cell Phones:

**To: Florence Wanke**  
5772 Spring Branch Rd  
Spring Branch, TX 78070

**Permit #: 107950**

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070  
County: Comal  
Installer: Keith Gott  
Agency: Comal County  
Mfg/Brand: Advantage Wastewater LLC-Nu Water-B32095

Installed: 8/20/2018  
Warranty End: 8/20/2020

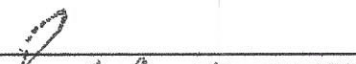
Email: florencewanke@gmail.com  
Block Creek Concrete Products, LLC  
3 visits per year - one every 4 months  
600 gallons per day

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: 1/4/2023

Rudy Carson

Date Printed: 1/4/2023



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

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

**To: Florence Wanke**  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 4/5/2023  
Insp ID #: 138287

Main Phone: (210) 891-7668  
Work:  
Cell Phone:  
Alt Cell:

Permit #: **107950**

Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2023 - 3/6/2024  
Scheduled Date: 3/6/2023 Inspection 1 of 3  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates: Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

Visit Date: **4/5/2023**

Time In: Out: 3:13

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: 1.7

**Sludge Levels**

For Tank 1: 10"

For Tank 2: 13"

For Tank 3: 0"

Floats: OP

Timer: OP

Air Filter: Good

Turbidity: Good

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 12".  
Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

Service Completed

Provider: **Rudy Carson**

Technician: **Trenton L Soldan**

License Info: MP0002036 Expires: 11/30/2025

License Info: MT0002287 Expires: 3/31/2025

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

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

**To: Florence Wanke**  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 8/25/2023  
Insp ID #: 144407  
Main Phone: (210) 891-7668  
Work:  
Cell Phone:  
Alt Cell:

Permit #: **107950**

Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2023 - 3/6/2024  
Scheduled Date: 7/6/2023 Inspection 2 of 3  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates: Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"  
**Entered By: Landon Gronvold**

**Visit Date: 8/25/2023**

Time In: 3:42

Out: 3:52

**Method: Grab**

**Technician: Landon Gronvold**

**Maint. Provider: Rudy Carson**

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .2

**Sludge Levels**

**For Tank 1: 24**

**For Tank 2: 2"**

**For Tank 3: 1"**

**Floats: OP**

**Timer: OP**

**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. - Cleaned compressor filter - Scum in pretreatment is 12" system is working good

**Service Completed**

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

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

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

**To: Florence Wanke**  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Printed: 12/5/2023 Main Phone: (210) 891-7668  
Insp ID #: 148329 Work:  
Cell Phone:  
Alt Cell:

Permit #: **107950**  
Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B32095  
Disposal: Surface Application

Customer ID: 6409  
Contract Dates: 3/6/2023 - 3/6/2024  
Scheduled Date: 11/6/2023 Inspection 3 of 3  
Installed: 8/20/2018  
Aerator S/N: 32105 Warranty End: 8/20/2020  
GPS Coordinates: Latitude: 29.868191 Longitude: -98.457429

**Service Type: Scheduled Inspection**

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

**Visit Date: 12/5/2023** Time In: Out: 11:31

**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: .3

**Sludge Levels**  
For Tank 1: 13"  
For Tank 2: 24"  
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 6"

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

**Service Completed**

Provider: **Rudy Carson**

Technician: **Trenton L Soldan**

License Info: MP0002036 Expires: 11/30/2025

License Info: MT0002287 Expires: 3/31/2025

# Block Creek Aerobic Services, LLC

444 A Old Hwy No 9  
Comfort, TX 78013

(830) 995-3189

Printed: 2/29/2024

**Permit: 107950**

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

Main Phone: 2108917668

**Florence Wanke**  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Agency: Comal County  
County: Comal

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System Info: MFG: Advantage Wastewater LLC Brand: Nu Water Customer ID: 6409  
Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application Aerator S/N: 32105 Insp ID: 155104  
Installed: 8/20/2018 Warranty Expiration: 8/20/2020 System S/N: B32095

Visit Details

Visit Date: 2/29/2024

Entered By: Kaleb Hernandez

GPS Lat: 29.868191 GPS Long: -98.457429 <----->

Scheduled Date: 3/6/2024

Time In: 130

Contract Starts: 3/6/2024

Entered On: 2/29/2024

Time Out: 143

Contract Ends: 3/6/2025

Visit Results

**Service Type: Scheduled Inspection**

Count: Inspection 1 of 3

Method: Grab

Technician: Kaleb Hernandez

License #

MT0002671

Expires

1/31/2027

Provider: Rudy Carson

MP0002036

11/30/2025

Service Completed

Aerators: Operational

Sludge Level Tank 1: 12"

Filters: Operational

Sludge Level Tank 2: 0"

Irrigation Pumps: Operational

Sludge Level Tank 3: 0"

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1

Turbidity: Good

Air Filter: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Drip/Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

Comments

- Scum in pretreatment is 8" - Cleaned compressor filter - Technician Secured the Tank Lid and/or Riser prior to leaving location.

Provider: *Rudy Carson*

Technician: Kaleb Hernandez

License: Number: MP0002036 Exp: 11/30/2025

License: Number: MT0002671 Exp: 1/31/2027

**Block Creek Aerobic Services, LLC**

444 A Old Hwy No 9  
Comfort, TX 78013

(830) 995-3189

Printed: 7/24/2024

**Permit: 107950**

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

Main Phone: 2108917668

**Florence Wanke**

5772 Spring Branch Rd  
Spring Branch, TX 78070

Agency: Comal County  
County: Comal

System Info: MFG: Advantage Wastewater LLC Brand: Nu Water Customer ID: 6409  
Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application Aerator S/N: 32105 Insp ID: 160784  
Installed: 8/20/2018 Warranty Expiration: 8/20/2020 System S/N: B32095

Visit Details  
**Visit Date: 7/24/2024** Entered By: Ronnie W Krampota GPS Lat: 29.868191 GPS Long: -98.457429  
Scheduled Date: 7/6/2024 Time In: 1005am Contract Starts: 3/6/2024  
Entered On: 7/24/2024 Time Out: 1025am Contract Ends: 3/6/2025

Visit Results  
**Service Type: Scheduled Inspection**  
Count: Inspection 2 of 3  
Method: Grab  
Technician: Ronnie W Krampota License # MT0001175 Expires 10/31/2026  
Provider: Rudy Carson License # MP0002036 Expires 11/30/2025  Service Completed

Aerators: Operational Sludge Level Tank 1: 9  
Filters: Operational Sludge Level Tank 2: 0"  
Irrigation Pumps: Operational Sludge Level Tank 3: 0"  
Disinfection Device: Operational  
Chlorine Supply: Operational Floats: OP  
Chlorine Residual: .1 Timer: OP  
  
Air Filter: Good  
  
Tank Lid / Riser: Secured  
  
Electric Circuits: Operational  
Distribution System: Operational  
Drip/Sprayfield Veg: Operational Color: Good  
Odor: Good  
  
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 - Adjusted sprinkler per customer - Checked sprinklers - Reset timer - Cleaned compressor filter - Scum in pretreatment is 5"

Provider: *Rudy Carson*  
License: Number: MP0002036 Exp: 11/30/2025

Technician: Ronnie W Krampota  
License: Number: MT0001175 Exp: 10/31/2026



**Block Creek Aerobic Services, LLC**

444 A Old Hwy No 9  
Comfort, TX 78013

(830) 995-3189

Printed:8/26/2024

**Permit: 107950**

Site: 5772 Spring Branch Rd, Spring Branch, TX 78070

Main Phone: 2108917668

**Florence Wanke**

5772 Spring Branch Rd  
Spring Branch, TX 78070

Agency: Comal County

County: Comal

System Info: <u>MFG: Advantage Wastewater LLC</u> Brand: <u>Nu Water</u>	Customer ID: <u>6409</u>
Treatment Type: <u>Aerobic With Chlorine</u> Disposal Type: <u>Surface Application</u>	Aerator S/N: <u>32105</u> Insp ID: <u>162417</u>
Installed: <u>8/20/2018</u> Warranty Expiration: <u>8/20/2020</u>	System S/N: <u>B32095</u>

Visit Details	Visit Date: <u>8/26/2024</u> Entered By: Dalton James Vann	GPS Lat: 29.868191 GPS Long: -98.457429
Scheduled Date: <u>11/6/2024</u>	Contract Starts: <u>3/6/2024</u>	
Entered On: <u>8/26/2024</u> Time Out: <u>510</u>	Contract Ends: <u>3/6/2025</u>	

Visit Results

**Service Type: Customer Request**

Method: <u>Grab</u>	License #	Expires	<input checked="" type="checkbox"/> Service Completed
Technician: <u>Dalton James Vann</u>	<u>MT0001113</u>	<u>2/28/2025</u>	
Provider: <u>Rudy Carson</u>	<u>MP0002036</u>	<u>11/30/2025</u>	

Aerators: <u>Operational</u>	Floats: <u>OP</u>
Filters: <u>Operational</u>	
Irrigation Pumps: <u>Operational</u>	Timer: <u>OP</u>
Disinfection Device: <u>Operational</u>	
Chlorine Supply: <u>Operational</u>	
	Tank Lid / Riser: <u>Secured</u>
Electric Circuits: <u>Operational</u>	
Distribution System: <u>Operational</u>	
Drip/Sprayfield Veg: <u>Operational</u>	
Alarm: <u>Operational</u>	

Comments

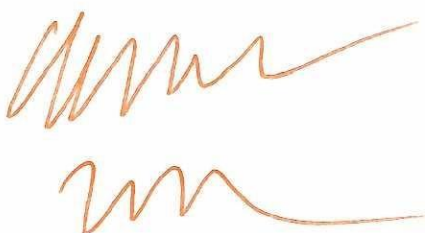
- Technician Secured the Tank Lid and/or Riser prior to leaving location. -cust called about yellow light on system. Found ripped diaphragms in compressor. Rebuilt Ap compressor, system is full op

Provider: *Rudy Carson*

License: Number: MP0002036 Exp: 11/30/2025

Technician: *Dalton James Vann*

License: Number: MT0001113 Exp: 2/28/2025



# Block Creek Aerobic Services, LLC

444 A Old Hwy No 9  
Comfort, TX 78013

(830) 995-3189

Owner Phone: (210) 891-7668

**Florence Wanke**  
5772 Spring Branch Rd  
Spring Branch, TX 78070

Agency: Comal County  
County: Comal

**Site Address: 5772 Spring Branch Rd, Spring Branch Permit #: 107950**

System Info: MFG: Advantage Wastewater LLC Brand: Nu Water  
Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application  
Installed: 8/20/2018 Warranty Expiration: 8/20/2020  
Aerator S/N: 32105 ID: 6409  
System S/N: B32095 Insp ID: 167676

Visit Details  
Visit Date: 12/18/2024 Entered By: Dalton James Vann  
Scheduled Date: 11/6/2024 Contract Starts: 3/6/2024  
Entered On: 12/18/2024 Time Out: 1110 Contract Ends: 3/6/2025  
GPS Lat: 29.868191 GPS Long: -98.457429

Visit Results  
**Service Type: Scheduled Inspection**  
Count: Inspection 3 of 3  
Method: Grab  
Technician: Dalton James Vann License # MT0001113 Expires 2/28/2025  
Provider: Rudy Carson MP0002036 11/30/2025  
Printed: 12/18/2024  
 Service Completed

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: .7  
Sludge Level Tank 1: 24"  
Sludge Level Tank 2: 18"  
Sludge Level Tank 3: 0"  
Floats: OP  
Timer: OP  
Tank Lid / Riser: Secured  
Electric Circuits: Operational  
Distribution System: Operational  
Drip/Sprayfield Veg: Operational  
Alarm: Operational

Comments  
- Technician Secured the Tank Lid and/or Riser prior to leaving location. -Reset timer to spray around midnight -Adjusted nearby sprinkler to keep it off back gate -Scum in pretreatment is 3" -Sustem is full op

Provider: *Rudy Carson*  
License: Number: MP0002036 Exp: 11/30/2025

Technician: *Dalton James Vann*  
License: Number: MT0001113 Exp: 2/28/2025

