



Comal County

OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 01/24/2019 Permit Number: 108212

Location Description: 2133 ANGELES CT
CANYON LAKE, TX 78133
Subdivision: Cordova Bend at Canyon Lake
Unit: 1R
Lot: 188R
Block:
Acreage:

Type of System: Aerobic
Surface Irrigation

Issued to: Michael T. & Kelli Jo Marx

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

James H. Conrad
ENVIRONMENTAL HEALTH INSPECTOR

OS0032485

OS0007722
ENVIRONMENTAL HEALTH COORDINATOR

## Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Jim Ward OSSF Installer #: \_\_\_\_\_  
 1st Inspection Date: 1-22-19 2nd Inspection Date: \_\_\_\_\_ 3rd Inspection Date: 1/24/19  
 Inspector Name: Connor Inspector Name: \_\_\_\_\_ Inspector Name: Mike T.  
 Permit#: 108212 Address: 2133 Angeles Court Cordova Benal

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)		/		1/24/19
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)				

tank set level operational no leaks cover  
 MT- 1/24/19  
 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)		/		1/24/19
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed	/		2000 gal PT.	/		1/24/19
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	/		Inmate B-100	/		/
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

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OSSF Inspection Sheet**

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20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(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)	<i>anoline spray</i>	/		<i>1/24/19</i>
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
28	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
29	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
30	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)		285.33(c)(2)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

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OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field ( 1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom ) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes ( 3/16 - 1/4" dia. Hole Size ) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3)(B) 285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)				
33	<b>AEROBIC TREATMENT UNIT is Aerobic Unit Installed According to Approved Guidelines.</b>	✓	285.32(c)(1)		✓		1/24/19
34	<b>AEROBIC TREATMENT UNIT Inspection/Clean Out Port &amp; Risers Provided</b> <b>AEROBIC TREATMENT UNIT Secondary restraint system provided</b> <b>AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank</b> <b>AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions</b>	✓ ✓ ✓ ✓			✓ ✓ ✓ ✓		1/24/19
35	<b>AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.</b>	✓			✓		
36	<b>PUMP TANK is the Pump Tank an approved concrete tank or other acceptable materials &amp; construction</b> <b>PUMP TANK Sampling Port Provided in the Treated Effluent Line</b> <b>PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required</b> <b>PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump</b>						
37	<b>PUMP TANK Inspection/Clean Out Port &amp; Risers Provided</b> <b>PUMP TANK Secondary restraint system provided</b> <b>PUMP TANK Riser permanently fastened to lid or cast into tank</b> <b>PUMP TANK Riser cap protected against unauthorized intrusions</b>						
38	<b>PUMP TANK Secondary restraint system provided</b>						
39	<b>PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried</b>	✓			✓		1/24/19

**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?	<input checked="" type="checkbox"/>	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)		<input checked="" type="checkbox"/>		1/24/19
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	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		
42	APPLICATION AREA Area Installed	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
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: Jim Ward OSSF Installer #: \_\_\_\_\_

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

Inspector Name: Connor Inspector Name: \_\_\_\_\_ Inspector Name: \_\_\_\_\_

Permit#: 108212 Address: 2133 Angeles Court Cordova Benel

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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)		/		
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*tank set level operational no leaks cover*

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9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used	✓	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		✓		
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15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		Inuvata B-1000	✓		
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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: 108212  
Issued This Date: 11/07/2018  
This permit is hereby given to: Michael T. & Kelli Jo Marx

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

2133 ANGELES CT  
CANYON LAKE, TX 78133

Subdivision: Cordova Bend at Canyon Lake  
Unit: 1R  
Lot: 188R  
Block:  
Acreage:

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic  
Surface Irrigation

This permit gives permission for the construction of the above referenced on-site facility to commence. Installation must be completed by an installer holding a valid registration card from the Texas Commission on Environmental Quality (TCEQ). Installation and inspection must comply with current TCEQ and Comal County requirements.

Call (830) 608-2090 to schedule inspections.

**REVISED**

2:54 pm, Nov 07, 2018

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

Date 10/18/18

Permit # \_\_\_\_\_

Owner Name Michael T. & Kelli Jo MARK  
Mailing Address 103 SACERNO DR.  
City, State, Zip SAN MARCOS TX 78666  
Phone # 210-788-5774  
Email M.MARK@emtsewactions.com

Agent Name Stephen Jettor  
Agent Address 2573 DEER STAND LOOP  
City, State, Zip SAN MARCOS TX 78666  
Phone # 512-757-1259  
Email STEPHEN.JETTOR@GMAIL.COM

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

Subdivision Name CORDEVA Bend @ CANYON LAKE Unit 1R Lot 188R Block \_\_\_\_\_  
Acreage/Legal 12.5  
Street Name/Address 2133 ANGELES CT City CANYON LAKE Zip 78133

**Type of Development:**

Single Family Residential

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

Number of Bedrooms 5

Indicate Sq Ft of Living Area 7800

N/A  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 \_\_\_\_\_

Estimated Cost of Construction: \$ 1,500,000.00 (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?

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

Source of Water  Public  Private Well

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

By signing this application, I certify that:

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

[Signature]  
Signature of Owner

10/18/2018  
Date

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

Planning Materials & Site Evaluation as Required Completed By Stephen Jetton

System Description NUWATER B-1000 Aerobic Surface Irrigation

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

Tank Size(s) (Gallons) 1000 GADALL 2000 RUMY Absorption/Application Area (Sq Ft) 8478.0

Gallons Per Day (As Per TCEQ Table III) 540

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

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

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

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

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

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

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

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

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

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

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: WIA

RECEIVED

OCT 10 2018

COUNTY ENGINEER

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.

- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Designer

Date

Page 2 of 2

# Southwest Septic Design

2573 Deer Stand Loop  
San Marcos, Texas 78666

Mobile (512)757-1259  
Email [stephenj.jetton@gmail.com](mailto:stephenj.jetton@gmail.com)

September 24, 2018

Environmental Health Coordinator  
Comal County Engineers Office  
195 David Jonas Drive  
New Braunfels, TX 78132-3706

Re:  
Michael T. Marx  
2133 Angeles Court  
Lot 188R, Cordova Bend at Canyon Lake 1R  
Canyon Lake, Texas

To whom it may concern,

I certify that the proposed design for the above referenced property complies with all provisions of the existing TCEQ approved CZP.

Please call me if you have any questions or need additional information.

Sincerely,



Stephen F. Jetton, R.S.





# COMAL COUNTY

## ENGINEER'S OFFICE

April 17, 2018

Michael Thomas & Kelli Jo Marx  
103 Salerno Dr  
San Marcos, TX 78666

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OCT 10 2018  
COUNTY ENGINEER

Re: Amendment to Plat Street Name and Address Verification

To Whom It May Concern:

Please be advised that the street name and address associated to the following property is:

Property ID	Legal Description	Assigned Address
N/A (OUT OF)	CORDOVA BEND AT CANYON LAKE 1R, LOT 188R (OUT OF)	2133 ANGELES CT CANYON LAKE, TX 78133
362485	CORDOVA BEND AT CANYON LAKE 1R, LOT 188	
362486	CORDOVA BEND AT CANYON LAKE 1R, LOT 189	

Please check with your local post office to verify the correct city and zip code before using the assigned address for mailing purposes.

If you have questions or need further assistance, please let us know.

Sincerely,

Holly Braun  
Address Coordinator

CC:

❖ Comal Appraisal District



2/c



201806043504 11/07/2018 12:34:36 PM 1/2

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**By rabsah at 3:05 pm, Nov 07, 2018**

**AFFIDAVIT TO THE PUBLIC**

THE COUNTY OF COMAL  
STATE OF TEXAS

**CERTIFICATION OF OSSF REQUIRING MAINTENANCE**

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

I  
The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (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.

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): \_\_\_\_\_

Cordova Bend @ CANYON LAKE, UNIT 1R,  
LOT 188R

The property is owned by (insert owner's full name): Michael Thomas Marx

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.

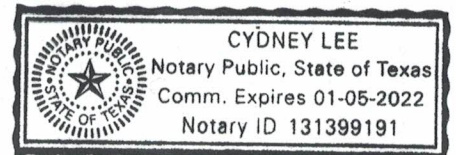
WITNESS BY HAND(S) ON THIS 18 DAY OF October, 2018

[Signature]  
Owner(s) signature(s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 18 DAY OF October, 2018

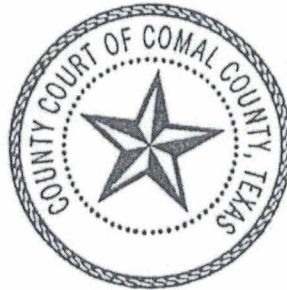
[Signature]  
Notary Public, State of Texas

Notary's Printed Name: CYDNEY LEE  
My Commission Expires: 01-05-2022



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By rabsah at 3:05 pm, Nov 07, 2018



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  
11/07/2018 12:34:36 PM  
CHRISTY 2 Page(s)  
201806043504



*Bobbie Koepf*

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

Permit/License Number \_\_\_\_\_  
WASTEWATER TREATMENT FACILITY MONITORING AGREEMENT  
Customer Michael Thomas MARY  
Site Address 2133 ANGELES COURT  
City CANTON LAKE Zip 78133  
Mailing Address 103 SALTER RD.  
County LAYS Map # \_\_\_\_\_  
Phone 210-788-5479  
Email M.MARY@TMT SOLUTIONS.COM

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

II. Effective 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:

- a. Inspect and perform routine upkeep on the On-Site Sewage Facility (hereinafter referred to as OSSF) as recommended by the treatment system manufacturer, and required by state and/or local regulation, for a total of three visits to site per year.
- b. Provide a written record of visits to the site by means of an inspection tag attached to or contained in the control panel.
- c. Repair or replace, if Contractor has 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.
- d. Provide sample collection and laboratory testing of TSS and BOD on a yearly basis (commercial systems only).
- e. Forward copies of this Agreement and all reports to the regulatory agency and the Customer.
- f. Visit site in response to Customer's request for unscheduled services within forty-eight (48) hours of the date of notification (weekends and holidays excluded) of said request. Unless otherwise covered by warranty, costs for such unscheduled responses will be billed to Customer.

V. Disinfection: \_\_\_\_\_ Not required XX required. The responsibility to maintain the disinfection device(s) and provide any necessary chemicals is that of the Customer. \_\_\_\_\_ (Initial)

V. Electronic Monitoring is not included in this Agreement.

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

- a. If this is an initial Agreement (new installation):
  - i. Contractor's receipt of a fully executed original copy or facsimile of this agreement and all documentation requested by Contractor.
  - ii. Contractor's receipt of payment of the wastewater-monitoring fee in accordance with the terms as described in Section XIV of this Agreement.
- b. If this is not an initial Agreement (existing system):
  - i. Contractor's receipt of a fully executed original copy or facsimile of this agreement and all documentation requested by Contractor.
  - ii. Contractor's receipt of payment of the wastewater-monitoring fee in accordance with the terms as described in Section XIV of this Agreement.
- c. If the above conditions are not met, Contractor is not obligated to perform any portion of this Agreement.

VII. Customer's Responsibilities: The customer is responsible for each and all of the following:

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- a. Provide all necessary yard or lawn maintenance and removal of all obstacles, including but not limited to dogs and other animals, vehicles, trees, brush, trash, or debris, as needed to allow the OSSF to function properly, and to allow Contractor safe and easy access to all parts of the OSSF.
- b. Protect equipment from physical damage including but not limited to that damage caused by insects.
- c. Maintain a current license to operate, and abide by the conditions and limitation of that license, and all requirements for OSSF from the State and/or local regulatory agency, whichever are more stringent, as well as proprietary system's manufacturer recommendations.
- d. Notify Contractor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.
- e. Provide, upon request by Contractor, water usage records for evaluation by Contractor as to the performance of the OSSF.
- f. Allow for samples at both the inlet and outlet of the OSSF to be obtained by Contractor for the purpose of 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 Contactor, at Customer's expense.
- j. Maintain site drainage to prevent adverse effects on the OSSF.
- k. Pay promptly and fully, all Contractor's fees, bills, or invoices as described herein.

X. 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. Initial \_\_\_\_\_ It is customers responsibility to keep lids exposed and accessible at all times

VIII. Limit of Liability: Contractor shall not be held liable for any incidental, consequential, or special damages, or for economic loss sue 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.

IX. 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.

X. 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.

XI. 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 form 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.

XII. Application or Transfer of payment: The fees paid for this agreement may transfer to the subsequent property owner(s); however this Agreements 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.

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

Block Creek Aerobic Service MC# 000042 MC#000002 \_\_\_\_\_ Customer Signature \_\_\_\_\_ Date

Burt Sindstich

# Southwest Septic Design

**On-Site Sewage Facility Application and Design**

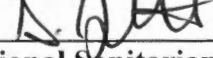
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***Prepared For:***

**Michael T. Marx  
2133 Angeles Court  
Canyon Lake, Texas**

***Design 1008218***

***Prepared By:***

**Stephen F. Jetton**   
**Registered Professional Sanitarian**



9-24-18

Stephen F. Jetton • Southwest Septic Design  
2573 Deer Stand Loop • San Marcos, Texas 78666 • Fax (512) 392-5645 • Mobile (512) 757-1259  
E – Mail [stephen.jetton@grandecom.com](mailto:stephen.jetton@grandecom.com)



# Southwest Septic Design

2573 Deer Stand Loop  
San Marcos, Texas 78666  
Hays County

Fax (512) 392-5645  
Mobile (512) 757-1259

**Design Report  
On-Site Sewage facility  
Aerobic Wastewater Treatment System  
Utilizing Surface Spray Application**

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**OWNER/SITE LOCATION:**

Michael T. Marx  
2133 Angeles Court  
Lot 188R, Cordova Bend at Canyon Lake 1R  
Canyon Lake, Texas

**SITE DESCRIPTION & EVALUATION:**

A site evaluation indicated that the site is suitable for an aerobic surface irrigation system. The spray area has a slope of less than 15 percent, and there was no evidence of shallow groundwater. This residence will utilize a public water supply system for their source of water. All portions of the proposed OSSF must maintain at least a 10' setback from all water lines. A portion of this site is within the regulated, 100-Year Floodplain. There are no recharge features within 150' of the proposed OSSF. Minimum separation distances as stated in §285 TCEQ On-Site Sewage Facilities, must be maintained.

**WASTEWATER DESIGN FLOW:**

This design is for a 5-bedroom, 7800 sq. ft., single-family residences, utilizing low flow fixtures. The projected daily wastewater flow is **540 gallons per day**, as per Texas Commission of Environmental Quality (TCEQ) On Site Sewage Facilities, effective 12-27-2012.

**AEROBIC TREATMENT SYSTEM DESCRIPTION:**

This residence will utilize a NuWater Aerobic Treatment Plant, Model B-1000. A 639-gallon Pretreatment/trash tank will precede the 1000-gallon per day aerobic treatment tank. Effluent from the aeration tank will flow through a liquid chlorinator to a 2000-gallon pump tank. The pump tank serves as a chlorine contact chamber and a storage tank prior to the treated/chlorinated effluent being discharged to sprinkler heads. The disposal area will consist of 3 - ~~2~~ <sup>3</sup> ft. 360° radius patterns. The system is considered a "package system", and will be installed according to manufacturer's instructions.

*Handwritten:* SJK 9-24-18



**Design Specification:**

<b>Size of Residence</b>	<i>Primary Living Area</i>	7800 ft <sup>2</sup>
<b>Number of Bedrooms</b>		5
<b>Average Expected Flow</b>		540 GPD
<b>Application Rate</b>	<i>0.064 Gal./ft<sup>2</sup>/Day</i>	0.064
<b>Minimum Application Area</b>	<i>(GPD)/(0.064 Gal./ft<sup>2</sup>/Day)</i>	8437.50 ft <sup>2</sup>
<b>Actual Application Area</b>	<i>3.14(r<sup>2</sup>) x number of heads</i>	8478.00 ft <sup>2</sup>

**System Components:**

<b>Trash Tank</b>	639 gallon one-compartment
<b>Aeration Tank</b>	1000 gallon per day
<b>Pump Tank</b>	2000 gallon one-compartment

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**Pump Tank:**

Pump Tank gallons per inch: 34.48" with 58" Usable

Operating Capacity: 34.88" x 16" = 558.08 operating gallons.

Reserve Capacity: 58" usable depth (58 x 34.48 = 2000.00) 2000.00 - 930.96 = 1069.04 reserve gallons.

<i>Pump off</i>	10" Above tank floor	344.80 Gallons
<i>Pump on</i>	11" Above tank floor	379.28 Gallons
<i>Alarm on</i>	27" Above tank floor	930.96 Gallons

Combined capacity of pretreatment and aeration tank is 1639-gallons. A 2000-gallon, single-compartment pump tank allows for a one days flow above the alarm-on level.

**Pump and Sprinkler Head Requirements:**

Pump: Franklin C1 Series Pump, Model 20C1-05P4-2W115 ½ H.P.

Sprinkler Head: Hunter I20-3RV-2.0LA (equipped with anti-siphon nozzles and purple top).

Nozzle #: **3.5 LA** (Low angle trajectory, 11 degrees), operating at 30 psi, 30 ft. radius and 3.0 GPM flow per sprinkler

**Dosing:**

Application Flow Rate 3.0 gpm/head x 3 heads = 9.0 *gpm*

Application Time: 2 doses @ 270 gal/dose / 9.0 gpm = ~ 30 *min/dose*

**Head Requirements:**

Elevation head: 17 (assumed elevation at top of pump 943 and highest spray head at 960)

Pressure head: 30 psi x 2.31 ft/psi = 69.30 ft.





Friction head:  $1 \frac{1}{4}''$  Sch. 40 PVC @ 9.0 gpm = 5.49 ft.  $(430 \times 5.49/100 \times 1.2) = 28.33$   
 TDH = 17 ft. + 69.30 ft. + 28.33 = 114.63 (within pump curve).

A commercial timer must be set to provide two doses a day, one at 1 a.m. and the other at 4 a.m.  
 An unthreaded sampling valve must also be provided. Under the Texas Administrative Code, §285 On-Site Sewage Facilities, this system must be installed with a night timer, set to spray between the hours of 1 am and 5 am.

### Alarm System:

An audio/visual high water alarm will be installed on this system. Bio-Robix control panel (SPI-BIO Model 50B138-AAV-PT) with Timed Control with 24hr timer (Grasslin FM/1 Pin Timer) or equal. The alarm/light will be installed in a high visible location close to the pump tank.

### Optional Components:

- 40 PSI Pressure Regulator will be used to maintain the 40 PSI to the sprinkler heads. The installer will consult me or G.P. Equipment when purchasing this device. The pressure reducer will be placed in-line between the pump and the spray heads. Additionally this particular spray head is adjustable to help achieve the required radius.
- Pressure Gauge of not less than 45PSI will be installed to regulate flow to the spray field.

### Installation Notes:

- Refer to site plan for component placement and follow manufacturer's instructions for installation of treatment plant and aerator.
- All materials and construction methods are required to conform to the standards for Private Sewage Facility's set forth in the Texas Administrative Code, §285 On-Site Sewage Facilities.
- The installer must have a current and valid Texas installer certificate, and is required to have at the minimum an Installer II certification.
- The installer must notify designer and regulatory authority at least 48 hours in advance to schedule required inspections to ensure that the system is installed in accordance with the approved plans and specifications.
- The installer may not alter these plans without the approval of the designer.
- Diversion berms will be place when needed to protect irrigation area from excessive runoff.
- All electrical installation must be in compliance with applicable electric codes.
- All outside electrical components must be placed in electrical conduit.
- It is the responsibility of the installer to maintain the minimum setback requirements as stated in §285 for On-Site Sewage Facilities.

### Tank Notes:

- The bottom of the excavation for the tanks shall be level and free of large rocks and debris.
- All tanks are to be set level on a layer, with a minimum thickness of 4 inches, of sand, sandy loam, clay loam, or pea gravel.
- Tank excavations must be backfilled with soil or pea gravel that is free of rock larger than  $\frac{1}{2}$  inch in diameter. Class IV soils and gravel larger than  $\frac{1}{2}$  inch in diameter are not acceptable for use as backfill material. If the top of a septic tank extends above the ground surface, soil may be mounded over the tank to maintain slope to the drain field.



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- Risers are required over all tank openings and must extend to the ground surface.
- Risers shall be permanently fastened to the tank lid.
- The riser lid shall screw down and have a lock or weigh 65lbs.
- A secondary plug, cap, netting, etc. shall be provided below the riser lid.
- All openings in the tank must be properly sealed to prevent the escape of wastewater, or to prevent the infiltration of water.
- Tanks must be filled with water for 24 hours to test for leaks and structural integrity.
- The tanks must be set low enough to have fall of at least 1/8" per foot from house to tank.
- PVC pipe from house to tank must be at least Sch.40 or SDR 26.

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- PVC pipe from house to tank must be at least Sch.40 or SDR 26.



**Irrigation & Landscaping Notes:**

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- Irrigation lines shall be 1" Sch.40 PVC. Sleeve any pipe that crosses under any roads or driveways with Sch.40 PVC.
- Supply lines must be buried at least 6" below finished grade.
- If irrigation area does not have established vegetation, a mixture of winter rye and Bermuda grasses will be seeded to establish seasonal vegetation.
- The installer shall notify property owner prior to removal of any trees that may obstruct the operation of the irrigation system.
- *All exposed surface rock must be covered with at least 4" of suitable soil and Vegetation must be established before system is in use*

**Additional Notes:**

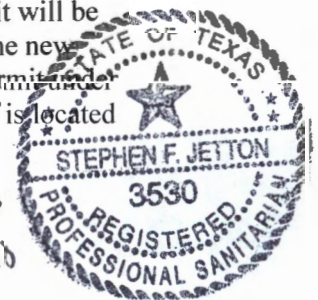
- Install audio-visual alarm for aerator and pump on separate breakers.
- The high water and air compressor alarms shall be audio/visual and mounted in a place that can be easily seen and heard when the alarms are activated.
- A hose bib must be installed in pump tank at tank inspection port.
- The chlorinator must be constructed to allow a chlorine residual of 0.1 mg/1 in the pump tank for the period of time between scheduled inspections.
- The disinfected effluent must obey the standards as stated in §285, TCEQ, On-Site Sewage Facilities. Approved disinfections methods using chlorinated tablets, must use calcium hypochlorite that is properly labeled for wastewater disinfections.

**Maintenance Requirements:**

- The applicant must furnish to the regulatory authority a valid maintenance contract with a certified maintenance company before a permit will be issued.
- The maintenance company will verify that the system is operating properly and that they will provide on-going maintenance of the installation.
- The initial contract will be a minimum of 2 years.
- A maintenance contract will authorize the Maintenance Company to maintain and repair the system as needed.
- The owner must continuously maintain a signed written contract with a valid maintenance company and shall submit a copy of the contract to the permitting authority at least 30 days prior to the date service will cease.

**Affidavit:**

- The applicant must file a certified copy of an affidavit at the County clerk's office and filed in reference to the real property deed on which the surface application system is to be installed.
- The affidavit will state that the property shall not be transferred to a new owner without:
  - (1) The new owner being advised that the property contains a surface application system for wastewater disposal;
  - (2) The permit issued to the previous owner of the property being transferred to the new owner in accordance with §285.20(5) of the TCEQ OSSF Rules, i.e.; the permit will be issued in the name of the owner of the OSSF. Permits shall be transferred to the new owner automatically upon legal sale of the OSSF. The transfer of an OSSF permit under this section shall occur upon actual transfer of the property on which the OSSF is located unless the ownership of the OSSF had been severed from the property.



5006  
9-24-18

- (3) The new owners submitting a valid maintenance contract to the permitting authority.

### Operation and Management Notes:

- The OSSF should not be treated as a normal city sewer.
- Water conservation practices should be used at all times. Consult your local authorities for more information.
- Run the dishwasher with a full load whenever possible
- Avoid running water continuously when brushing teeth, washing hands, or cleaning food and utensils.
- Repair any water leaks immediately, such as running toilets or leaky faucets.
- The owner is responsible for cleaning and pumping the septic tank, typically every 2 to 3 years depending on system usage.
- Do not use the toilet to dispose of tissue, feminine hygiene products, trash, cigarettes, etc.
- It is recommended that you do not use the garbage disposal and/ or garbage grinders in the facility serviced by this system.
- Household chemicals should be used in moderation.
- According to §285, no water softener will be allowed to enter the OSSF.
- Chemical additives or the so-called enzymes should not be used during the operation of this system. Some of these additives may even be harmful to the facilities operation.
- Do not build driveways, storage buildings, decks, or other structures over the tank or disposal area.
- The OSSF must be protected from coming in contact with vehicular traffic.
- A strong vegetative cover is essential for the proper operation of this system. The property owner is solely responsible for maintaining this vegetation. The irrigation area should be groomed by mowing on a regular basis.
- If you notice a problem with the spray patterns, or any of the alarms are activated, contact your maintenance provider immediately.
- Never place a greater wastewater load on your system than that prescribed by the design of the system (*540 gallons per day*).

***\*The proposed system has been designed generally following the minimum requirements under TCEQ §285 On Site Sewage Facilities. The site evaluation and subsequent design are based on technical information currently available. The performance of the OSSF is not, and cannot be guaranteed even though all provisions of the Standards have been complied with. If failure should occur, additions to the OSSF may have to be made. In extreme cases a substitute system may be required. By accepting this design, the homeowner/contractor understands the aforementioned conditions, and agrees that the designer will not be liable for any more than the agreed upon design***

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OCT 10 2018

COUNTY ENGINEER



# 2133 Angeles Court Canyon Lake, Texas

**REVISED**

3:05 pm, Nov 07, 2018

Lot 188R  
Corcova Bend at  
Canyon Lake 1R  
12.17-Acres  
Comal County, Texas

- A - 5-Bedroom Single Family Residence (7800 sq. ft.).
- B1 - NuWater Model B-1000 Aerobic Treatment Unit.
- B2 - 2000-Gallon One-Compartment Pump Tank.
- C - Hunter 20 Ultra, 30' Radius, Sprinkler Head.

C/O - Two-Way Cleanout

Provide Two-Way Cleanout from House to Tank.  
3" or 4" Sch. 40 between House and Tank. Must maintain  
a minimum of 1/8" per foot of fall between house and tank.

Supply Line: 1" Sch. 40 PVC Purple Pipe

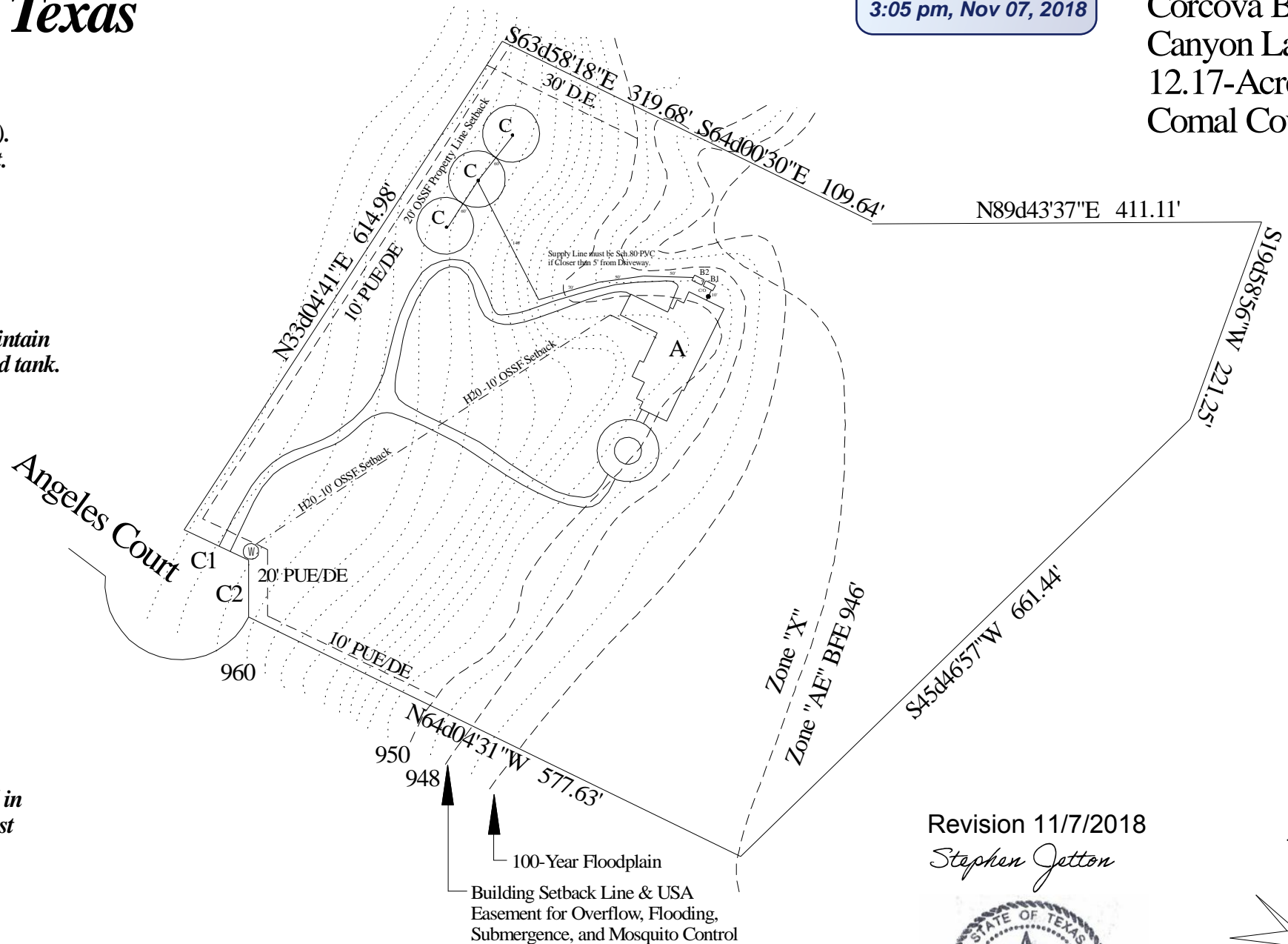
Maintain 20' from all Property Lines.  
Maintain 10' from all Potable Water Lines.

\*Refer to Tank Detail and Design Notes for more  
Information.

\*Plans may vary Slightly based on Conditions  
Encountered in the Field.

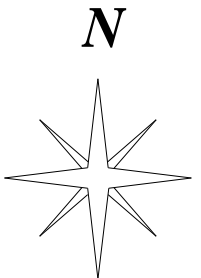
\*Trim Trees as Necessary in Application Area.  
Trees must maintain at least 10' from Sprinkler  
Head.

\*All Separation and Setback Requirements as Stated in  
Chapter 285, TCEQ, On-Site Sewage Facilities, must  
be maintained.



Revision 11/7/2018

*Stephen Jetton*



**Scale: 1" = 150'**

\*Flood Plain Note: A portion of this property is  
within the Regulated Flood Plain. Panel  
48091C0090F Dated September 2, 2009.

\*This is not intended to be used as an official  
survey. All structures and Contour locations  
are approximate.

**REVISED**  
3:05 pm, Nov 07, 2018

N33d04'41"E 614.98'  
10' PUE/DE

20' OSSF Property Line Setback

109.64' S64d00'30"E

N89d

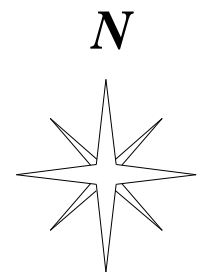
Supply Line must be Sch.80 PVC  
if Closer than 5' from Driveway.

H2O -10' OSSF Setback

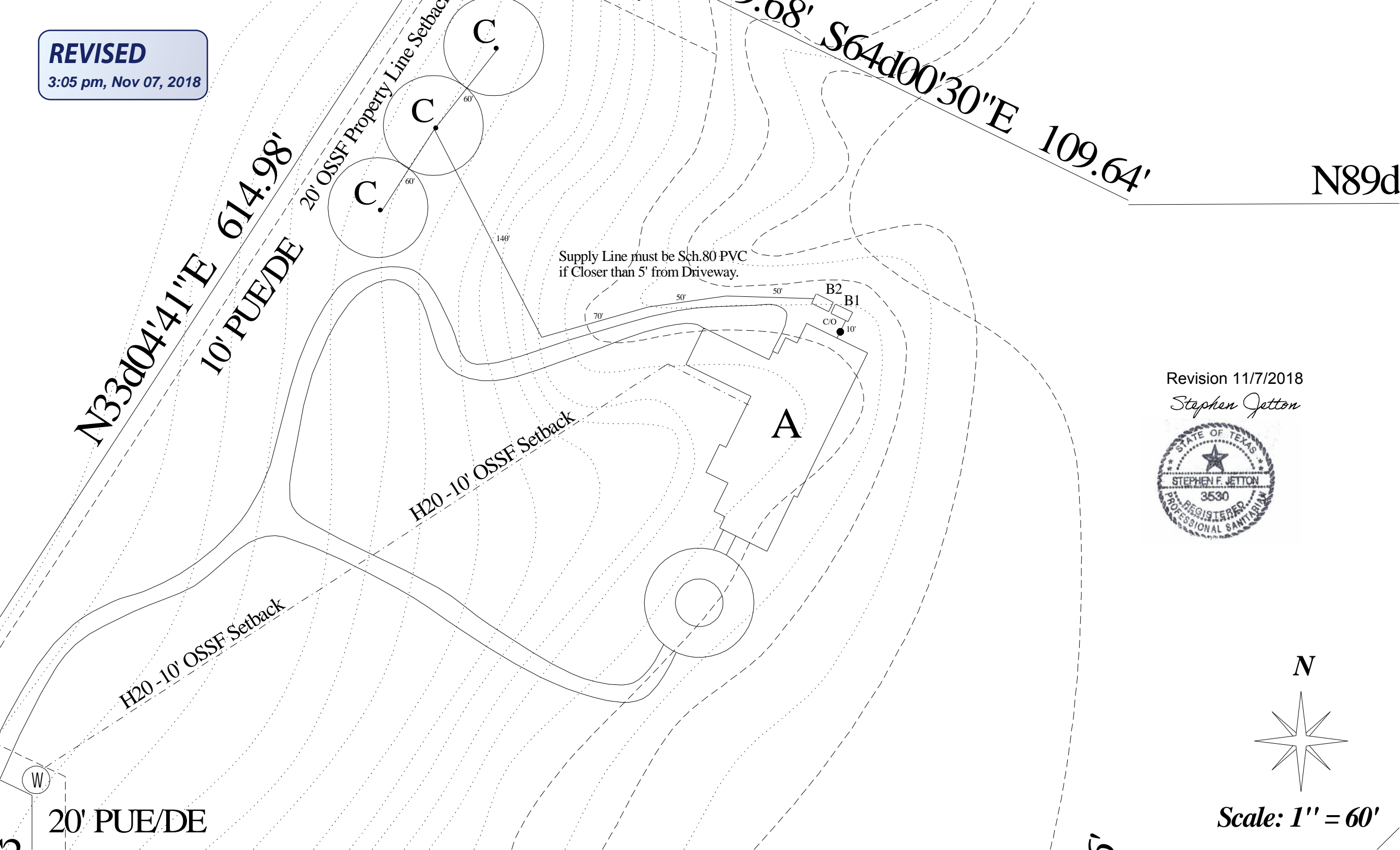
H2O -10' OSSF Setback

20' PUE/DE

Revision 11/7/2018  
*Stephen Jetton*



Scale: 1" = 60'



## Hernandez, Sandra

---

**From:** Stephen Jetton <stephen.jetton@gmail.com>  
**Sent:** Wednesday, November 7, 2018 1:44 PM  
**To:** Hernandez, Sandra  
**Subject:** Re: 108212 deficiency comments  
**Attachments:** marx site plan revisions - signed.pdf; marx affidavit revision.pdf; marx app revision.pdf

Hi Sandra,

Please see the following.

1. Address corrected on the application.
2. Unit and Wife's name added to application.
3. Affidavit corrected and re-filed.
4. 20' property line set back added to site plan and corrected in legend. Profiles not shown as none were dug.

thanks,

Stephen

On Wed, Nov 7, 2018 at 10:25 AM Stephen Jetton <[stephen.jetton@gmail.com](mailto:stephen.jetton@gmail.com)> wrote:  
Great, thank you!

On Wed, Nov 7, 2018 at 10:18 AM Hernandez, Sandra <[rabsah@co.comal.tx.us](mailto:rabsah@co.comal.tx.us)> wrote:

Stephen,

Only one signature is required on the affidavit.

Thanks,

Sandra

---

**From:** Stephen Jetton [mailto:[stephen.jetton@gmail.com](mailto:stephen.jetton@gmail.com)]  
**Sent:** Wednesday, November 07, 2018 10:03 AM  
**To:** Hernandez, Sandra  
**Subject:** Re: 108212 deficiency comments

Hi Sandra,

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

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

VOID

Date 8/21/2018

Permit # 108212

Owner Name Michael T. Marx
Mailing Address 103 Salerno dr.
City, State, Zip San Marcos TX 78666
Phone # 210-788-5474
Email m.marx@bmt-solutions.com

Agent Name Stephen Jettan
Agent Address 2573 DEER STAND LOOP
City, State, Zip SAN MARCOS TX 78666
Phone # 512-757-1259
Email Stephen.jettan@gmail.com

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

Subdivision Name Cordova Bend @ Canyon Lake Unit Lot 188R Block
Acreage/Legal 12.5
Street Name/Address 2127 Angeles Ct City Canyon Lake Zip 78133

Type of Development:

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[x] Single Family Residential
Type of Construction (House, Mobile, RV, Etc.) House
Number of Bedrooms 5
Indicate Sq Ft of Living Area 7800

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[ ] 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

Estimated Cost of Construction: \$ 1,500,000 (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?
[ ] Yes [x] No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water [x] Public [ ] Private Well

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

By signing this application, I certify that:

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

VOID

Signature of Owner

Date 8/21/2018



POOR QUALITY

26

**VOID**



201806039659 10/10/2018 10:03:32 AM 1/2

**AFFIDAVIT TO THE PUBLIC**

THE COUNTY OF COMAL  
STATE OF TEXAS

**CERTIFICATION OF OSSF REQUIRING MAINTENANCE**

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

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.

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

Single Family Home  
Lot 188R Cordova Bend At Canyon Lake

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The property is owned by (insert owner's full name): Michael Thomas Marx / Kelli Jo Marx

COUNTY ENGINEER

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.

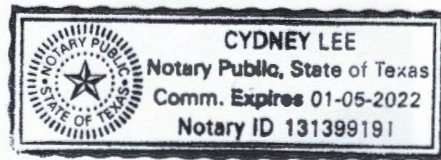
WITNESS BY HAND(S) ON THIS 21 DAY OF August, 2018

[Signature]  
[Signature]  
Owner(s) signature(s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 21 DAY OF August, 2018

[Signature]  
Notary Public, State of Texas

Notary's Printed Name: CYDNEY LEE  
My Commission Expires: 01-05-2022



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**VOID**



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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.

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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  
10/10/2018 10:03:32 AM  
JESSICA 2 Page(s)  
201806039659



*Bobbie Koepf*

**VOID**

**From:** [Hernandez, Sandra](#)  
**To:** ["m.marx@tmtsolutions.com"](mailto:m.marx@tmtsolutions.com)  
**Subject:** FW: 108212 deficiency comments  
**Date:** Friday, October 12, 2018 9:34:37 AM  
**Attachments:** [Pages from 108212-3.pdf](#)

---

---

**From:** Hernandez, Sandra  
**Sent:** Friday, October 12, 2018 9:34 AM  
**To:** 'Stephen Jetton'  
**Cc:** 'mmarx@tmtsolutions.com'  
**Subject:** 108212 deficiency comments

RE: Cordova Bend @ Canyon Lake, Unit 1R, Lot 188R

Stephen,

We received planning materials for the referenced permit application on October 10, 2018 and found those planning materials to be deficient. In order to continue processing this permit, we need the following information:

- 1 ✓ It appears that there is a discrepancy on the address being used for the referenced property (see attached letter that was submitted with your planning materials).
- 2 ✓ Have the homeowner add the unit number of the subdivision, and Kelli's name to the permit application.
- 3 ✓ A correction Affidavit to the Public form must be completed, owner(s) signature notarized, recorded at the Comal County Clerk's office, and a copy of the recorded form submitted to our office (unit number missing).
- 4 ✓ Show the test hole locations, and the 20 foot separation distance from the edge of the spray areas to the property line.
5. Revise accordingly and resubmit.

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

Thank you,

*Sandra Ann Hernandez*  
*Environmental Health Assistant*  
*Comal County Engineers Office*  
*New Braunfels, Texas 78132*  
*830-608-2090 Office*  
*830-608-2078 Fax*  
[www.cceo.org](http://www.cceo.org)

**VOID**

# 2133 Angeles Court Canyon Lake, Texas

Lot 188R  
Corcova Bend at  
Canyon Lake 1R  
12.17-Acres  
Comal County, Texas

- A - 5-Bedroom Single Family Residence (7800 sq. ft.).
- B1 - NuWater Model B-1000 Aerobic Treatment Unit.
- B2 - 2000-Gallon One-Compartment Pump Tank.
- C - Hunter 20 Ultra, 30' Radius, Sprinkler Head.

C/O - Two-Way Cleanout

Provide Two-Way Cleanout from House to Tank.  
3" or 4" Sch. 40 between House and Tank. Must maintain  
a minimum of 1/8" per foot of fall between house and tank.

Supply Line: 1" Sch. 40 PVC Purple Pipe

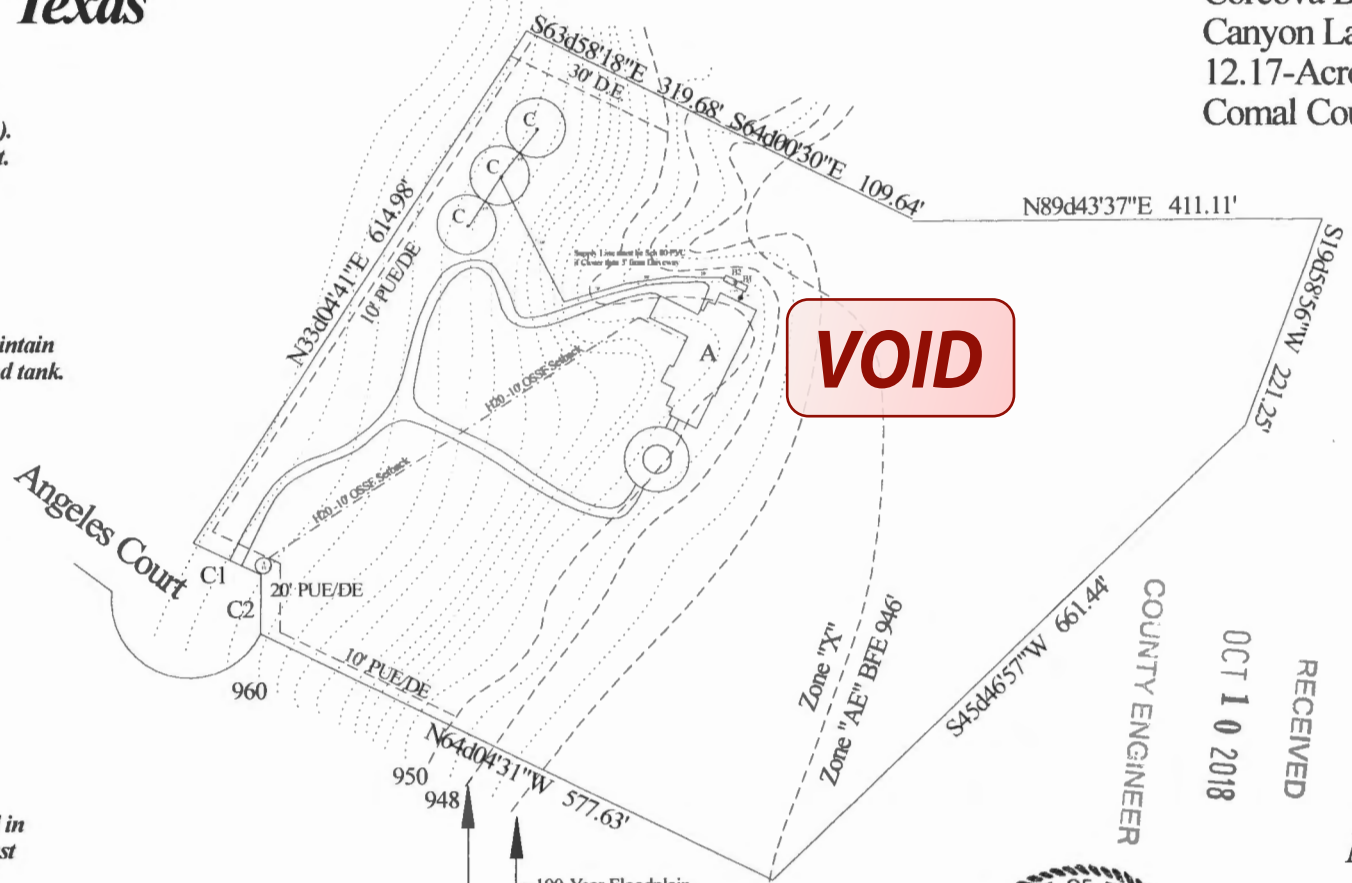
Maintain 10' from all Property Lines.  
Maintain 10' from all Potable Water Lines.

\*Refer to Tank Detail and Design Notes for more  
Information.

\*Plans may vary Slightly based on Conditions  
Encountered in the Field.

\*Trim Trees as Necessary in Application Area.  
Trees must maintain at least 10' from Sprinkler  
Head.

\*All Separation and Setback Requirements as Stated in  
Chapter 285, TCEQ, On-Site Sewage Facilities, must  
be maintained.



**VOID**

**VOID**

\*Flood Plain Note: A portion of this property is  
within the Regulated Flood Plain. Panel  
48091C0090F Dated September 2, 2009.

\*This is not intended to be used as an official  
survey. All structures and Contour locations  
are approximate.

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Zone "X"  
Zone "AE" BFE 946'

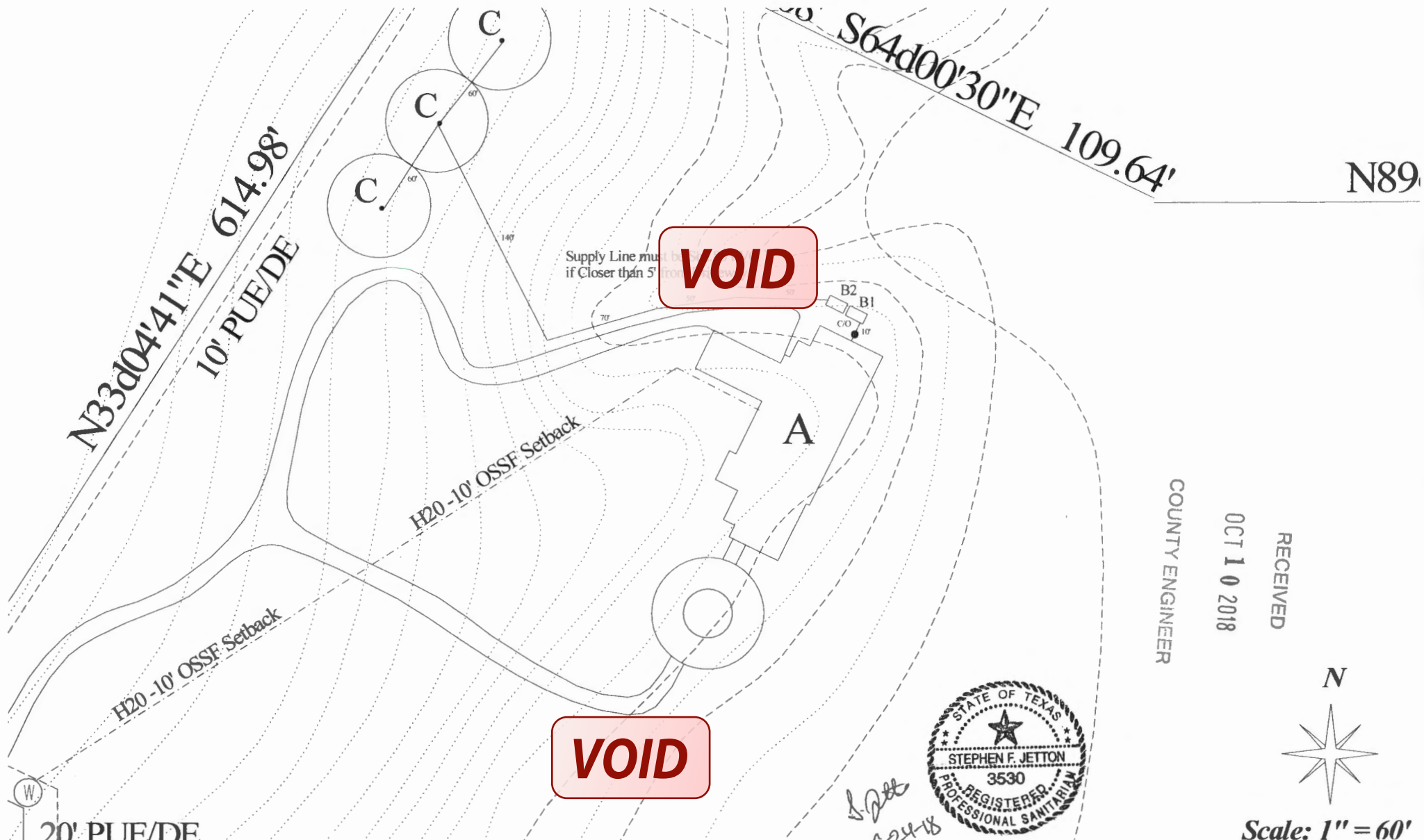
100-Year Floodplain  
Building Setback Line & USA  
Easement for Overflow, Flooding,  
Submergence, and Mosquito Control

STATE OF TEXAS  
STEPHEN F. JETTON  
3530  
REGISTERED  
PROFESSIONAL SANITARIAN

Scale: 1" = 150'

Handwritten: Lau 9-24-11

**VOID**









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**MINIMUM EXCAVATION DIMENSIONS:**

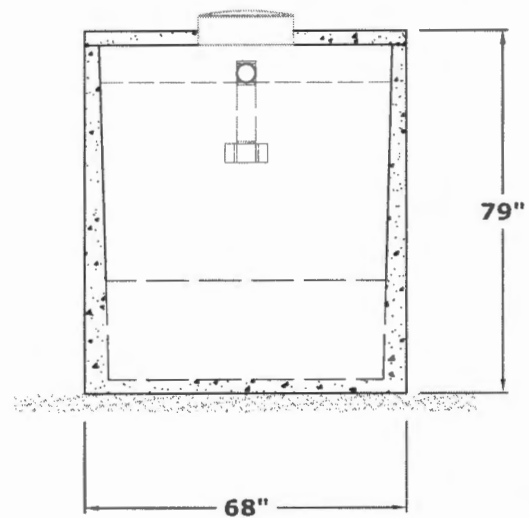
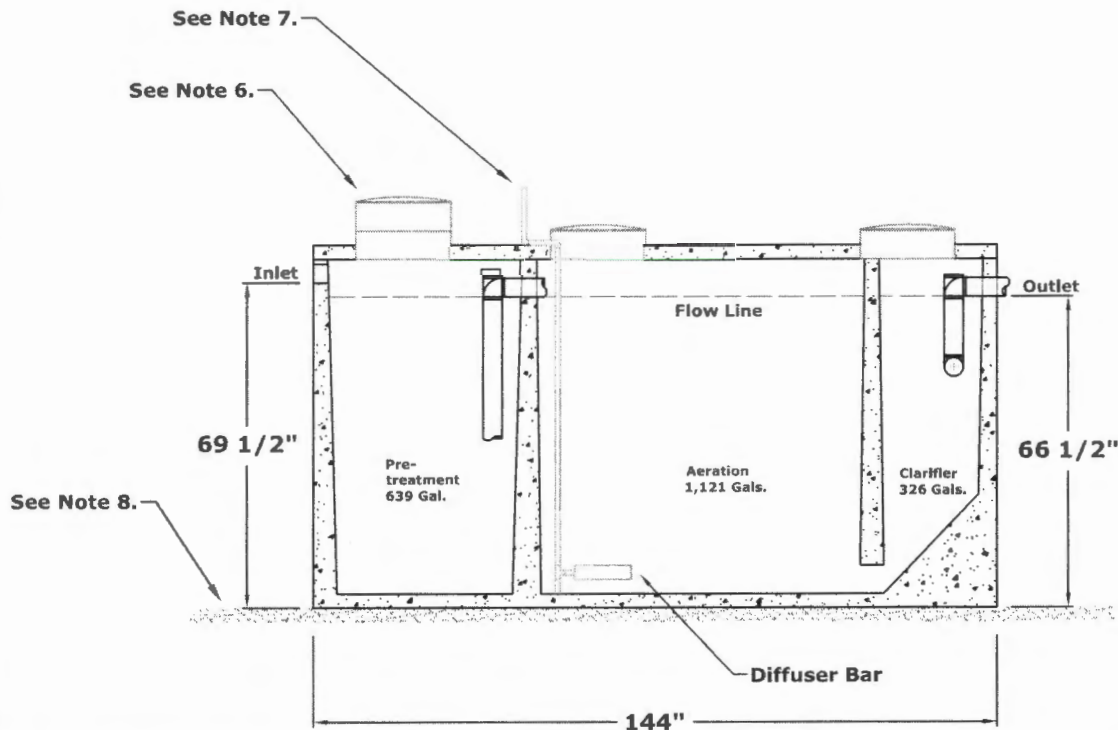
Width: 80"  
Length: 156"

**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 = 16,600 lbs.
4. Treatment capacity is 1,000 GPD.
5. BOD Loading = 3.00 lbs. per day.
6. 20" Ø access riser w/ lid (Typical 3). Optional extension risers available.
7. 1" Sch. 40 PVC Air Line to Bio-Robic B-1000 Air Compressor (Max. 50 Lft from Plant).
8. 4" min. compacted sand or gravel pad by Contractor



*Handwritten initials and date: JF 8/22/18*



**NuWater B-1000  
Aerobic Treatment Plant (Assembled)**

**Model: B-1000**

July, 2012  
By: A.S.

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

Dwg. #: ADV-B1000-2



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



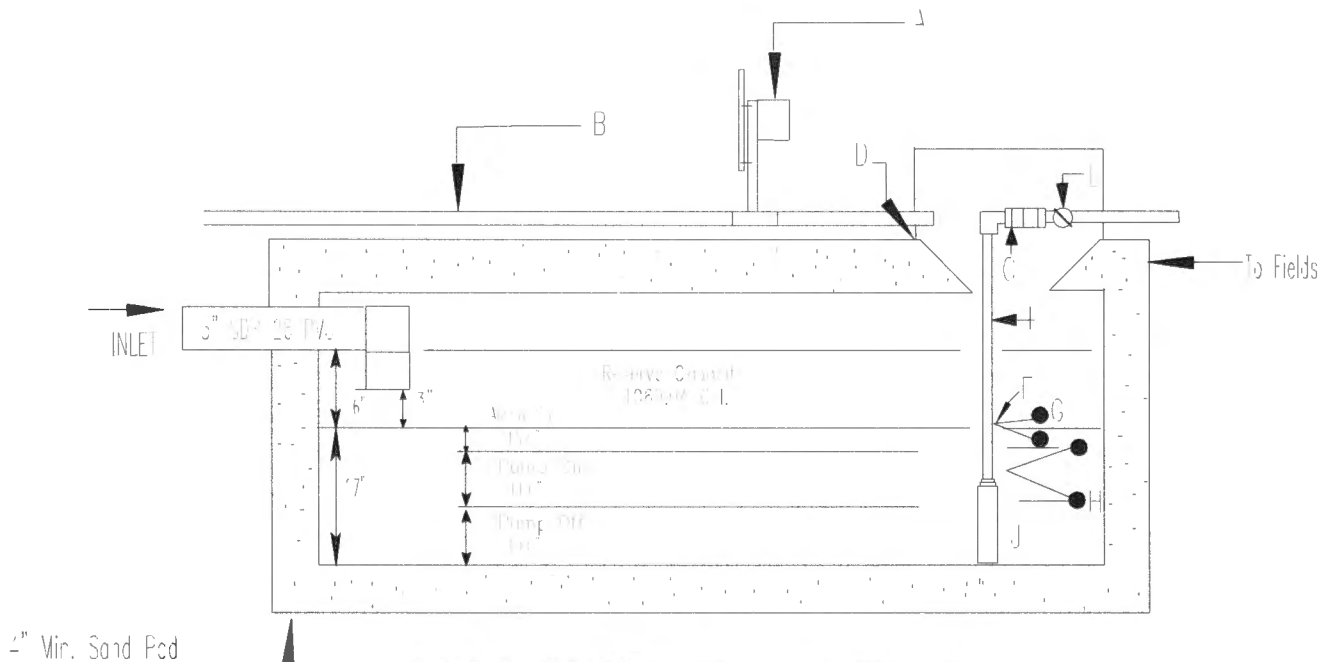
# Typical 2000-Gallon One-Compartment Pump Tank

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- A - Weatherproof Electrical Enclosure (Mount to Post or Building)
- B - Electrical Conduit
- C - Threaded Union Repair Coupling
- D - Watertight Sealant
- F - Stainless or Plastic Clamp
- G - High level alarm Mercury Switch (for Audio/Visual Alarm)
- H - Wide Angle Mercury Float Switch
- I - 1" Diameter SCH 40 Discharge Line
- J - 3" Concrete Pad
- K - Franklin C1 Series Pump Model 20C1-05P4-2W115 1/2 h.p.
- L - Check Valve (optional)



**2000 Gallon Pump Tank**



*Handwritten signature and date:*  
 S.F.J.  
 9/24/18

Not to Scale

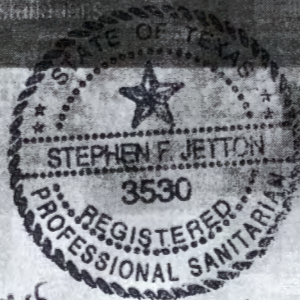
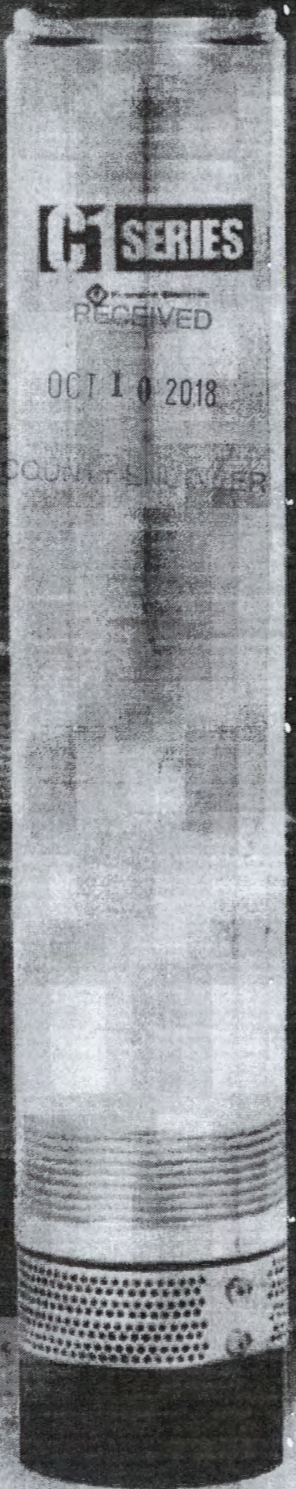


# C1 SERIES

## CISTERN PUMPS

Designed for use in graywater and filtered effluent service applications, the C1 Series cistern pump provides high performance and long life in less-than-ideal water conditions. The C1 Series pump is able to pass solids up to 1/8" without having a negative effect on the internal hydraulic components.

The pump's unique bottom suction design allows for maximum head drawdown without compromising durability or overall life, and it does not require the use of a flow induction screen. Intended specifically for use in a cistern or tank, C1 Series pumps are suitable for use in agricultural, residential, and commercial installations.



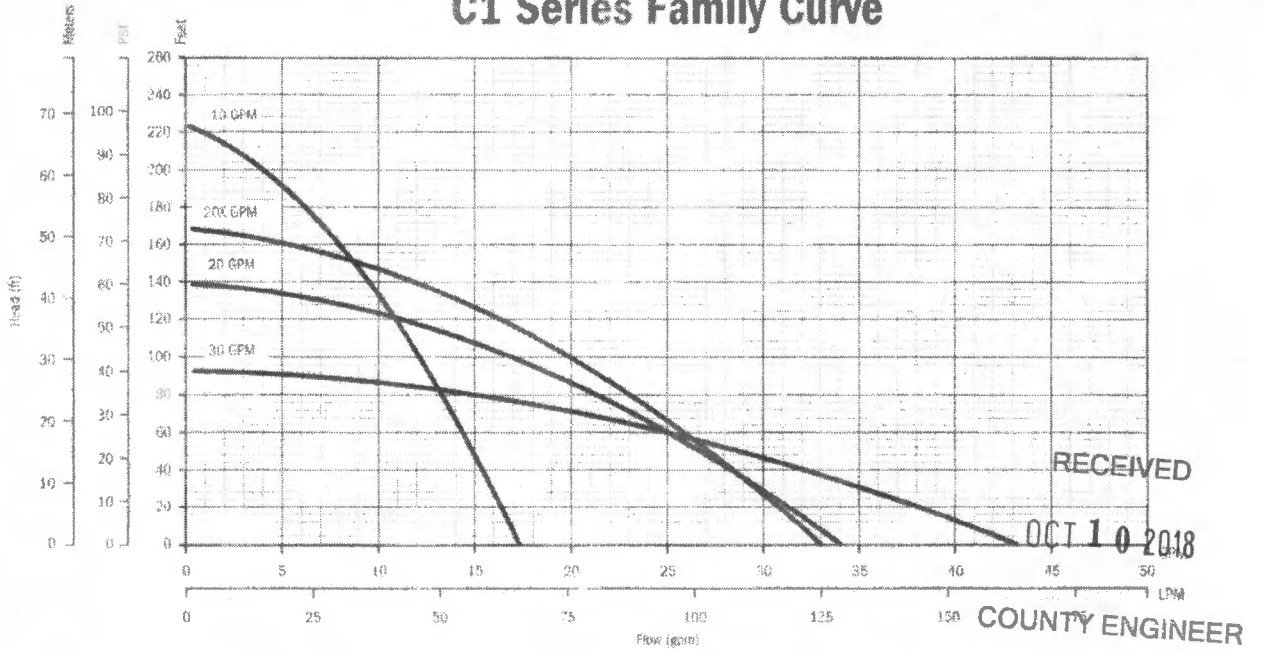
*S. J. Jetton*  
9-24-18



**Franklin Electric**

[franklinwater.com](http://franklinwater.com)

# C1 Series Family Curve



## FEATURES

- Supplied with a removable 5" base for secure and reliable mounting
- Bottom suction design
- Robust thermoplastic discharge head design resists breakage during installation and operation
- Single shell housing design provides a compact unit while ensuring cool and quiet operation
- Hydraulic components molded from high quality engineered thermoplastics
- Optimized hydraulic design allows for increased performance and decreased power usage
- All metal components are made of high grade stainless steel for corrosion resistance
- Available with a high quality 115 V or 230 V, 1/2 hp motor
- Fluid flows of 10, 20, and 30 gpm, with a max shut-off pressure of over 100 psi
- Heavy duty 600V 10 foot SJ00W jacketed lead

## APPLICATIONS

- Gray water pumping
- Filtered effluent service water pumping
- Water reclamation projects such as pumping from rain catchment basins
- Aeration and other foundation or pond applications
- Agriculture and livestock water pumping

## ORDERING INFORMATION

C1 Series Pumps							
GPM	HP	Volts	Stage	Model No.	Order No.	Length (in)	Weight (lbs)
10	1/2	115	7	10C1-05P4-2W115	90301005	26	17
		230	7	10C1-05P4-2W230	90301010	26	17
20		115	5	20C1-05P4-2W115	90302005	25	16
		230	5	20C1-05P4-2W230	90302010	25	16
20X		115	6	20XC1-05P4-2W115	90302015	26	17
		230	6	20XC1-05P4-2W230	90302020	26	17
30		115	4	30C1-05P4-2W115	90303005	25	16
		230	4	30C1-05P4-2W230	90303010	25	16

Note: All units have 10 foot long SJ00W leads.

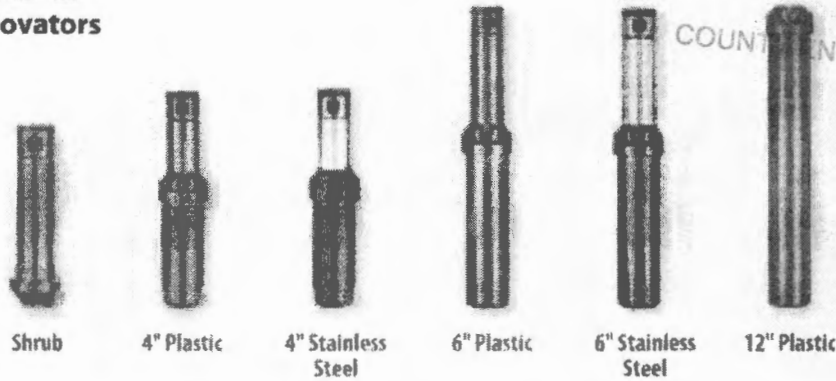


*S. Jetton*  
10-24-18



# Hunter®

The Irrigation Innovators



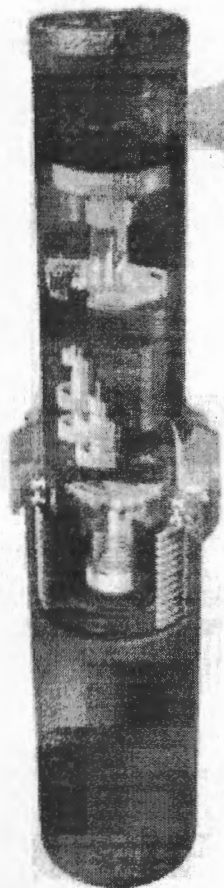
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OCT 10 2008  
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**I-20 Ultra**  
The rotor with heavy-duty commercial-grade features that's equally at home in a residential setting

If you've ever desired the convenience of being able to use just one rotor to cover all of your needs, here it is. Got a small area for which you don't want to create a separate spray zone? Is a portion of your landscape in sandy soil? Is the landscape a mix of shrub zones and expanses of grass? Does one part of the turf require a

higher cut? With all the features on today's I-20 Ultra (most notably its ability to effectively cover a radius range from 17 up to 47 feet) there's a single-sprinkler alternative to stocking a variety of rotors and sprays. With over 20 different nozzle choices, the I-20 Ultra rotor can handle the full range of irrigation needs.

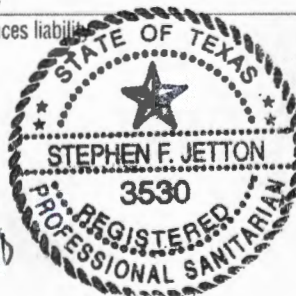
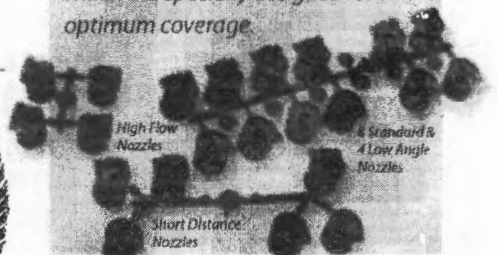
## Features & Benefits



- Integral rubber cover**  
Stays put to keep play areas safe
- Choice of 22 different nozzles**  
Allows sprinkler to be custom fitted to all spacings from 17' to 47'
- FloStop® Control**  
Allows stoppage of flow through an individual head while remainder of system is running
- Easy arc adjustment (40° - 360°)**  
Right at the top of the sprinkler
- Continuously improved, water-lubricated gear drive**  
Backed by over a decade of proven reliability
- Extra-strong spring**  
Reliable retraction every time
- Drain check valve for up to 10 feet of elevation change**  
Saves water, reduces liability

## 22 Nozzles Cover All Needs From 17 To 47 Feet

No need to mix sprays and rotors on a mid-range landscape. The I-20 Ultra boasts one of the widest selections of nozzle choices in a rotary sprinkler, making it the only head you'll need. In addition to the full rack of 8 standard and 4 low angle nozzles included with every I-20 Ultra, Hunter also offers the option of 10 specialty nozzles. Short Distance Nozzles provide the coverage of a spray with all of the benefits of a commercial-grade rotor. Available in three flow rates for an 18' radius and three for a 25' radius, these nozzles will precisely irrigate an area without wasting water beyond the desired throw. And, for systems that deliver water at a quicker rate, high performance can be assured with four High Flow Nozzles (including two low angle) which are specially designed for optimum coverage.



SALE  
9-24-08



New Braunfels Title Co.  
G.F.# 086410NBT  
KB

201806007457 02/28/2018 11:18:03 AM 1/10

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.

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MICHAEL THOMAS MARX  
AND WIFE, KELLI JO MARX TO SECURITY STATE BANK & TRUST

THE STATE OF TEXAS §  
COUNTY OF COMAL § DEED OF TRUST

SECURITY STATE BANK & TRUST NMLSR ID #402941

INDIVIDUAL LOAN ORIGINATOR: ELIZABETH PERCELL  
NMLSR ID #1582486

Date: February 28, 2018

Grantor: MICHAEL THOMAS MARX and wife, KELLI JO MARX

Grantor's Mailing Address (including county): 103 Salerno Dr., San Marcos, Hays County, Texas, 78666

Trustee: WILLIAM H. COWDEN, JR.

Trustee's Mailing Address (including county): 201 W. Main Street, Fredericksburg, Gillespie County, Texas 78624

Beneficiary: SECURITY STATE BANK & TRUST

Beneficiary's Mailing Address (including county): 201 W. Main Street, Fredericksburg, Gillespie County, Texas 78624

Note(s)

Date: February 28, 2018

Amount: ONE MILLION NINE HUNDRED SEVENTY-TWO AND NO/100 (\$1,972,000.00) DOLLARS

Maker: MICHAEL THOMAS MARX and wife, KELLI JO MARX

Payee: SECURITY STATE BANK & TRUST

Final Maturity Date: As in said note provided.

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**Terms of Payment (optional):** As in said note provided.

**Property (including any improvements):**

BEING Lots 188 and 189, Cordova Bend at Canyon Lake Unit One-R, a subdivision in Comal County, Texas, according to the Map or Plat thereof recorded in Document No. 200906001170 of the Official Public Records of Comal County, Texas.

**Prior Lien(s) (including recording information):** None

**Other Exceptions to Conveyance and Warranty:** All presently recorded and validly existing easements, restrictions, reservations, covenants, conditions, oil and gas leases, mineral interests and water interests outstanding in persons other than Grantor, and other instruments, other than conveyances of the surface fee estate, that affect the subject property.

For value received and to secure payment of the note, Grantor conveys the property to Trustee in trust. Grantor warrants and agrees to defend the title to the property. If Grantor performs all the covenants and pays the note according to its terms, this deed of trust shall have no further effect, and Beneficiary shall release it at Grantor's expense.

**Grantor's Obligations**

Grantor agrees to:

1. keep the property in good repair and condition;
2. pay all taxes and assessments on the property when due;
3. preserve the lien's priority as it is established in this deed of trust;
4. maintain, in a form acceptable to Beneficiary, an insurance policy that:
  - a. covers all improvements for their full insurable value as determined when the policy is issued and renewed, unless Beneficiary approves a smaller amount in writing.
  - b. contains an 80% coinsurance clause;
  - c. provides fire and extended coverage, including windstorm coverage;
  - d. protects Beneficiary with a standard mortgage clause;
  - e. provides flood insurance at any time the property is in a flood hazard area; and
  - f. contains such other coverage as Beneficiary may reasonably require;
5. comply at all times with the requirements of the 80% coinsurance clause;
6. deliver the insurance policy to Beneficiary and deliver renewals to Beneficiary at least ten (10) days before expiration;
7. keep any buildings occupied as required by the insurance policy; and
8. if this is not a first lien, pay all prior lien notes that Grantor is personally liable to pay and abide by all prior lien instruments.
9. provide Beneficiary, at Grantor's expense, an appraisal (as may be requested by Beneficiary), verifying the appraised value of the collateral.
10. **COLLATERAL PROTECTION INSURANCE NOTICE - TEXAS FINANCE CODE SECTION 307.052:**

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"BORROWER IS REQUIRED TO: (i) KEEP THE PROPERTY INSURED AGAINST DAMAGE IN THE AMOUNT LENDER SPECIFIES; AND, (ii) PURCHASE THE INSURANCE FROM AN INSURER THAT IS AUTHORIZED TO DO BUSINESS IN THE STATE OF TEXAS OR AN ELIGIBLE SURPLUS LINES INSURER; AND, (iii) NAME LENDER AS THE PERSON TO BE PAID UNDER THE POLICY IN THE EVENT OF A LOSS; AND, (iv) BORROWER MUST, IF REQUIRED BY LENDER, DELIVER TO LENDER A COPY OF THE POLICY, AND PROOF OF THIS PAYMENT OF PREMIUMS, AND, (v.) IF BORROWER FAILS TO MEET ANY REQUIREMENT LISTED IN THIS NOTICE, LENDER MAY OBTAIN COLLATERAL PROTECTION INSURANCE ON BEHALF OF BORROWER AT BORROWER'S EXPENSE.

#### Beneficiary's Rights

1. Beneficiary may appoint in writing one or more substitute trustees or successor trustees from time to time until date of sale, succeeding to all rights and responsibilities of Trustee. Any trustee, substitute trustee, or successor trustee shall have the authority to appoint an attorney and agent-in-fact to perform all duties of the trustee.
2. If the proceeds of the note are used to pay any debt secured by prior liens, Beneficiary is subrogated to all of the rights and liens of the holders of any debt so paid.
3. Beneficiary may apply any proceeds received under the insurance policy either to reduce the note or to repair or replace damaged or destroyed improvements covered by the policy.
4. If Grantor fails to perform any of Grantor's obligations, Beneficiary may perform those obligations and be reimbursed by Grantor on demand at the place where the note is payable for any sums so paid, including attorney's fees, plus interest on those sums from the dates of payment at the rate stated in the note for matured, unpaid amounts. The sum to be reimbursed shall be secured by this deed of trust and may, at the sole discretion of Beneficiary, be added to the amount due and owing on the note.
5. If Grantor defaults on the note or fails to perform any of Grantor's obligations herein or in the secured note or if default occurs on a prior lien note or other instrument, Beneficiary may:
  - a. declare the unpaid balance and earned interest on the note immediately due;
  - b. request Trustee to foreclose this lien, in which case Beneficiary or Beneficiary's agent shall give notice of the foreclosure sale as provided by the Texas Property Code as then amended; and
  - c. purchase the property at any foreclosure sale by offering the highest bid and then have the bid credited on the note.

#### Trustee's Duties

If requested by Beneficiary to foreclose this lien, Trustee shall:

1. either personally or by agent give notice of the foreclosure sale as required by the Texas Property Code as then amended;
2. sell and convey all or part of the property to the highest bidder for cash with a general warranty binding Grantor, subject to prior liens and to other exceptions to conveyance and warranty; and
3. from the proceeds of the sale, pay, in this order:



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- a. expenses of foreclosure, including a commission to Trustee of 5% of the bid;
- b. to Beneficiary, the full amount of principal, interest, attorney's fees, and other charges due and unpaid;
- c. any amounts required by law to be paid before payment to Grantor;
- d. any amounts due and owing on indebtedness securing prior liens;
- e. any and all indebtedness secured by subsequent liens; and
- f. to Grantor, any balance.

#### **General Provisions**

1. If any of the property is sold under this deed of trust, Grantor shall immediately surrender possession to the purchaser. If Grantor fails to do so, Grantor shall become a tenant at sufferance of the purchaser, subject to an action for forcible detainer.
2. Recitals in any Trustee's deed conveying the property will be presumed to be true.
3. Proceeding under this deed of trust, filing suit for foreclosure, or pursuing any other remedy will not constitute an election of remedies.
4. This lien shall remain superior to liens later created even if the time of payment of all or part of the note is extended or part of the property is released.
5. If any portion of the note cannot be lawfully secured by this deed of trust, payments shall be applied first to discharge that portion.
6. Grantor assigns to Beneficiary all sums payable to or received by Grantor from condemnation of all or part of the property, from private sale in lieu of condemnation, and from damages caused by public works or construction on or near the property. After deducting any expenses incurred, including attorney's fees, Beneficiary may release any remaining sums to Grantor or apply such sums to reduce the note. Beneficiary shall not be liable for failure to collect or to exercise diligence in collecting any such sums.
7. Grantor assigns to Beneficiary absolutely, not only as collateral, all present and future rent and other income and receipts from the property. Leases are not assigned. Grantor warrants the validity and enforceability of the assignment. Grantor may as Beneficiary's licensee collect rent and other income and receipts as long as Grantor is not in default under the note or this deed of trust. Grantor will apply all rent and other income and receipts to payment of the note and performance of this deed of trust, but if the rent and other income and receipts exceed the amount due under the note and deed of trust, Grantor may retain the excess. If Grantor defaults in payment of the note or performance of this deed of trust, Beneficiary may terminate Grantor's license to collect and then as Grantor's agent may rent the property if it is vacant and collect all rent and other income and receipts. Beneficiary neither has nor assumes any obligations as lessor or landlord with respect to any occupant of the property. Beneficiary may exercise Beneficiary's rights and remedies under this paragraph without taking possession of the property. Beneficiary shall apply all rent and other income and receipts collected under this paragraph first to expenses incurred in exercising Beneficiary's rights and remedies and then to Grantor's obligations under the note and this deed of trust in the order determined by Beneficiary. Beneficiary is not required to act under this paragraph, and acting under this paragraph does not waive any of Beneficiary's other rights and remedies. If Grantor becomes a voluntary or involuntary bankrupt, Beneficiary's filing a proof of claim in bankruptcy will be tantamount to the appointment of a receiver under Texas law.

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8. Interest on the debt secured by this deed of trust shall not exceed the maximum amount of nonusurious interest that may be contracted for, taken, reserved, charged, or received under law; any interest in excess of that maximum amount shall be credited on the principal of the debt or, if that has been paid, refunded. On any acceleration or required or permitted prepayment, any such excess shall be canceled automatically as of the acceleration or prepayment or, if already paid, credited on the principal of the debt or, if the principal of the debt has been paid, refunded. This provision overrides other provisions in this and all other instruments concerning the debt.

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

10. The term "note" includes all sums secured by this deed of trust.

11. This deed of trust shall bind, inure to the benefit of, and be exercised by successors in interest of all parties.

12. If Grantor and Maker are not the same person, the term Grantor shall include Maker.

13. If the rights and liens created by this deed of trust shall be invalid or unenforceable as to any part of the obligation, the unsecured portion of the obligation shall be completely paid prior to the payment of the remaining and secured portion of the obligation, and all payments made on the obligation shall be considered to have been paid on and applied first to the complete payment of the unsecured portion of the obligation.

14. Grantor represents that this deed of trust and the note are given for the following purposes:

Renewal and Extension. The lien of this Deed of Trust is given in renewal and extension, but not in substitution or novation, of mechanic's, materialmen's, contractor's, and laborers lien created, given and granted by Grantor, as "Owner", in favor of CR&T BUILDERS, INC., a Texas corporation, as "Contractor" (herein called "Contractor"), in that certain Mechanic's Lien Contract (with Transfer of Lien) of even date herewith between Grantor and Contractor, said liens granted to Contractor having been transferred and assigned by Contractor to Beneficiary, its successors and assigns. Grantor hereby ratifies and confirms all of said liens and hereby stipulates, covenants and agrees that all of said liens assigned to Beneficiary and renewed and extended hereby are and shall be for the sole benefit of Beneficiary, its successors and assigns, and all of the said liens and other interest in the Mortgaged Property assigned to Beneficiary by Contractor are hereby merged with and may be enforced by Beneficiary in accordance with the terms and provisions of the Deed of Trust.

Construction. The note secured by this Deed of Trust is given in part payment for improvements on the property that Grantor will make, and the lien securing the note is an improvement lien against the property.

This Deed of Trust is a "construction mortgage" within meaning of Section 9.334 of the Business and Commerce Code of the State of Texas in that it secures an obligation incurred for the construction of improvements on land.

Tri-Party Agreement. Grantor agrees to comply with the covenants and conditions of the Tri-Party Agreement (herein called "Agreement") of even date herewith between Grantor, Beneficiary and Contractor, which is hereby incorporated by reference and made a part of this Deed of Trust. All advances made by Beneficiary pursuant to the Agreement shall be an indebtedness of Grantor secured by this Deed of Trust. In the

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event of breach by Grantor of any of the covenants and conditions of the Agreement, or in the event of Grantor's failure to satisfy any condition to an advance thereunder, Beneficiary, at its option, with or without entry upon the Mortgaged Property, and without notice to or demand upon Grantor, may invoke any of the rights or remedies provided in the Agreement or herein, including without limitation acceleration of the maturity of the indebtedness secured by this Deed of Trust.

Use of Funds. All cash advanced or to be advanced as evidenced by the Note shall be utilized only for construction of improvements on the above described property in accordance with plans and specifications previously described to and authorized by Beneficiary.

Timely Completion. Such construction shall be completed in accordance with such plans within the term of the Note.

Acceleration if Lien Filed; Indemnification. Beneficiary may immediately without notice mature the balance of the indebtedness secured hereby and proceed to foreclosure hereunder in the event any liens or claims are filed against the above described property for any labor, services, materials, or supplies furnished in connection with the construction contemplated hereunder or otherwise. Grantor indemnifies Beneficiary for the payment of any such liens or claims.

Construction Not Yet Commenced. No labor, services, or materials have been furnished or delivered to the above described property and no construction has commenced thereon prior to date hereof.

Cross-Default. Default hereunder or under any provisions of the Note shall likewise constitute a default under any other instrument of security given to secure the payment of such indebtedness.

Insurance. Grantor, in connection with their obligation hereunder to insure and keep insured all improvements now or hereafter created upon the herein described property, agrees to deliver to Beneficiary a policy or policies of insurance naming Beneficiary as mortgagee and containing a standard mortgage clause.

Property Tax Deferrals. The State of Texas and local taxing jurisdictions allow property tax deferrals to homeowners that meet specific criteria. Grantor agrees that if Grantor meets the criteria, Grantor will not elect the deferral of collection of property taxes on the Property pursuant to §33.06 or §33.065 of the Texas Tax Code, or any other section of the Tax Code permitting deferral of collection of property taxes, and shall pay the taxes on the Property on or before January 31 following the calendar year within which the property tax is assessed.

Additional Taxes Due to Change in Use. The State of Texas and taxing jurisdictions have authority to assess taxes against real property retroactively due to change in use by the owner. Grantor agrees that in the event that such taxes known as "roll-back" taxes are assessed against the property or any part thereof, such taxes will be paid before they become delinquent.

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**Due on Sale.** Upon the sale or transfer of all or any portion of the mortgaged property, either voluntarily or involuntarily, or by judicial act or decree; upon the sale of any interest in the mortgaged property less than fee simple; upon entering into a contract for deed for the sale or transfer of any interest in the mortgaged property; upon entering into any lease which is for a period in excess of three (3) years and which contains an option to purchase clause; or upon entry into any contract whereby the Buyer is to receive possession of the herein described property prior to the transfer of title, the holder of the Note secured hereby may, at such holder's option (exercisable in its sole discretion), (i) declare all of the indebtedness and obligations secured by this Deed of Trust to be immediately due and payable, and (ii) pursue to invoke any and all remedies available under this Deed of Trust arising by virtue of a default hereunder or under the Note secured hereby; provided, that this option shall not apply if, prior to any such sale or transfer:

- (a) the holder of the Note secured hereby shall have waived such option in writing, or
- (b) the Grantor hereof and/or the transferee of such sale or transfer shall have complied with such modifications, conditions, requirements or changes in the terms of such sale or transfer or in the terms of the indebtedness secured hereby as the holder of the Note secured hereby shall impose or require, which may include (without limitation) one or more of the following:
  - (i) any agreement in writing between the Grantors hereof, such transferee and the holder of the Note secured hereby that such transferee shall assume all obligations of such transferor and that the interest rate payable on the indebtedness secured by this Deed of Trust, and/or the amortization, installments, payments, and terms of the indebtedness secured by this Deed of Trust shall be changed and modified as such holder shall determine and require, including without limitation an increase in the rate of such interest if required by such holder.
  - (ii) that the property made the subject hereof and conveyed by this Deed of Trust is in good repair and the value of such property has not, and will not upon such sale or transfer be, diminished, deteriorated or impaired in any way.
  - (iii) that the credit worthiness of such transferee and/or the terms and conditions of such sale or transfer are satisfactory in every respect to such holder.

**Savings Clause.** Notwithstanding anything herein or in the Note secured hereby to the contrary, it is the intention of the Grantors hereof and the holder of the Note secured hereby to conform strictly to the applicable laws now in force, and any interest on any debt secured hereby or payable hereunder is being charged, computed, contracted for and/or collected in good faith reliance on the applicable laws now in effect. Accordingly, the following provisions shall control every other provision of all agreements between the

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Grantors hereof and any guarantor or a party liable hereunder or under the Note secured hereby and the holder hereof:

(i) If any term hereof is susceptible of being construed as obligating any party for the payment of interest in excess of that authorized by applicable law, it is agreed that such term is a mistake in calculation or wording and/or a mistake of law, and notwithstanding the same, it is expressly agreed that no person shall ever be required or obligated to pay interest in excess of that authorized by applicable law.

(ii) All agreements between the Grantors hereof, any guarantor or any other party liable hereon and the holder of the Note secured hereby are expressly limited so that in no contingency or event whatsoever, shall the amount paid or agreed to be paid for the use, forbearance or detention of money exceed the highest lawful rate permissible under applicable laws. If fulfillment of any provisions hereof, or any agreement referred to herein, at the time of performance of such provisions shall be due, shall involve transcending the limit of validity prescribed by law which a court of competent jurisdiction may deem applicable hereto, then, ipso facto, the obligation to be fulfilled shall be reduced to the limit of such validity, and in the event the holder of the note secured hereby shall ever receive as interest an amount which would exceed the highest lawful rate, such amount which would be excessive interest shall be first applied to the reduction of the unpaid principal balance of the debt secured hereby or payable hereunder and not to the payment of interest, and any remaining excess shall be refunded to the party making such payment.

(iii) All sums paid or agreed to be paid to the holder of the Note secured hereby for the use, forbearance or detention of the indebtedness secured hereby or payable hereunder or due with respect hereto shall, to the extent permitted by applicable law, be amortized, prorated, allocated and spread throughout the full term of such indebtedness so that the actual rate of interest on account of such indebtedness is uniform throughout the term thereof.

Exculpation of Trustee. Grantor hereby acknowledges and agrees that the Trustee, and any Substitute Trustee, under this Deed of Trust has no fiduciary relationship with Grantor and in fact, has no responsibilities with regard to Grantor other than to act in compliance with the applicable law in conducting any foreclosure sale under this Deed of Trust. Grantor further acknowledges and agrees that Grantor has not hired or employed the Trustee; moreover, Grantor has no objections to the hiring or employment of the Trustee, or any Substitute Trustee, by Notcholder.

Compliance with Environmental Law. Grantor warrants and represents no "hazardous material" as defined below, presently exists or previously existed on the property and that no portion of the property has or will be used for collection, storage, or handling of such hazardous material. "Hazardous Material" as used herein means "hazardous substance", "pollutant or contaminant" and "petroleum", and "natural gas liquids" as those terms are defined and used in Section 101 of CERCLA. Grantor shall notify Trustee and Beneficiary in the event any hazardous materials are used, stored, or otherwise become associated with the property and agree to remove or clean up such hazardous materials. Beneficiary shall have the right at all times for environmental testing and Grantor agrees to indemnify Trustee and Beneficiary for any and all losses

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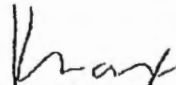
incurred by Trustee or Beneficiary in connection with hazardous materials on or associated with the property.

Other Act. The Grantor hereof shall not do, or suffer, permit or cause to be done, voluntarily or involuntarily, anything upon any portion of the property made the subject of and conveyed by this Deed of Trust, from time to time, which (i) will or could lessen the value of any such portion, (ii) will or could result in any lien or encumbrance against any such portion, including without limitation any mechanic's or materialmen's lien, any subordinate lien, any judgment lien, any tax or assessment lien and/or the foreclosure or seizure of or against any such portion by virtue of any such lien, encumbrance or assessment, (iii) will or could alter, modify or destroy any improvements or installations in, on, to or about any such portion, and/or (iv) will or could affect, impair, modify or alter, in any way, the lien of this Deed of Trust and/or its priority as a first and prior lien.

Grantor, in connection with their obligation hereunder agrees to insure and keep insured all improvements now or hereafter created upon the herein described property, and agrees to deliver to Beneficiary a policy or policies of insurance naming Beneficiary as mortgagee and containing a standard mortgage clause.



MICHAEL THOMAS MARX

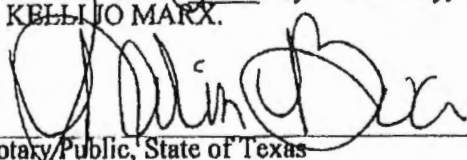


KELLI JO MARX

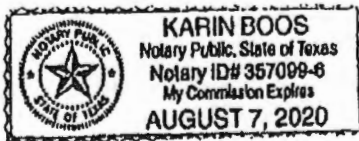
THE STATE OF TEXAS §

COUNTY OF Comal §

This instrument was acknowledged before me on the 28 day of February, 2018, by MICHAEL THOMAS MARX and wife, KELLI JO MARX.



Notary Public, State of Texas



AFTER RECORDING RETURN TO:  
SECURITY STATE BANK & TRUST  
18125 FM 306  
Canyon Lake, Texas 78133

PREPARED IN THE LAW OFFICE OF:  
PATRICK M. DOOLEY  
516 W. Main Street  
Fredericksburg, Texas 78624

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Filed and Recorded  
Official Public Records  
Bobbie Koepf, County Clerk  
Comal County, Texas  
02/28/2018 11:18:03 AM  
TERRI 10 Pages(s)  
201806007457



*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: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 9/20/2019  
Site: 2133 Angeles Ct  
Canyon Lake, TX 78133  
(210) 788-5474

Permit #: 108212  
Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357  
Contract Dates: 1/24/2019 - 1/24/2021  
Scheduled Date: 9/24/2019 Inspection 2 of 6  
Installed: 1/16/2019  
Warranty End: 1/16/2021  
GPS Coordinates - Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

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

Visit Date: 9/20/2019 Time In: 2pm Out: 2:15pm

Method: Grab

Technician: Alejandro Gonzalez

Maint. Provider: Burt Seidensticker

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: 0.67mg/L

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

CFM: 2.4

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

- Technician Secured the Tank Lid and/or Riser prior to leaving location. 0" of scum in pretreatment. - Cleaned compressor filter. Reset timer. Please add liquid bleach soon. - Secured system in the on position with a lock bolt.

Service Completed

InspID #: 82965

Provider: Burt Seidensticker

Technician: Alejandro Gonzalez

License #: MP0000002

License #: MT0000996

Exp. Date:

*Burt Seidensticker*

*Alejandro Gonzalez*



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

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

To: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 5/22/2020  
Site: 2133 Angeles Ct  
Canyon Lake, TX 78133  
(210) 788-5474

Permit #: **108212** Customer ID: 6357  
Agency: Comal County Contract Dates: 1/24/2019 - 1/24/2021  
County: Comal Sub: Scheduled Date: 5/24/2020 Inspection 4 of 6  
Mfg / Brand: Advantage Wastewater LLC - Nu Water Installed: 1/16/2019  
Treatment Type: Aerobic With Chlorine System S/N: B2163 Warranty End: 1/16/2021  
Disposal: Surface Application GPS Coordinates - Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 5/21/2020

Time In: 1155am

Out: 1210pm

Entered By: Alejandro Gonzalez

Method: Grab

Technician: Alex Seidensticker

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1mg/L

Sludge Levels

For Tank 1: n/a

For Tank 2: n/a

For Tank 3: 0"

CFM: 2.5

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Odor: Good

Alarm: Operational

PSI Pressure: 4.2

Comments


- Technician Secured the Tank Lid and/or Riser prior to leaving location. Due to covid 19 we're only checking pump tanks, recommended by TOWA. - Cleaned compressor filter. Reset timer. - Secured system in the on position with a lock bolt.

Service Completed

Owner signature: \_\_\_\_\_

Insp ID #: 94042

License #: MP0002036

  
Rudy Carson

AS

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

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

To: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 1/22/2020  
Site: 2133 Angeles Ct  
Canyon Lake, TX 78133  
(210) 788-5474

Permit #: **108212**  
Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357  
Contract Dates: 1/24/2019 - 1/24/2021  
Scheduled Date: 1/24/2020 Inspection 3 of 6  
Installed: 1/16/2019  
Warranty End: 1/16/2021  
GPS Coordinates - Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"  
Entered By: Anthony Jesus Soto

Visit Date: 1/22/2020 Time In: 210pm Out: 227pm

Method: Grab

Technician: Anthony Jesus Soto

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 2.20mg/L

**Sludge Levels**

For Tank 1: 10"

For Tank 2: 0"

For Tank 3: 0"

CFM: 2.4

Air Filter: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

PSI Pressure: 3.4

**Comments**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. Reset timer. - Cleaned compressor filter. - Secured system in the on position with a lock bolt.

Service Completed

Insp ID #: 88807

Provider: **Rudy Carson**

Technician: *Anthony Jesus Soto*

License #: MP0002036

License #: MT0001771

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

To: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 9/24/2020  
Site: 2133 Angeles Ct  
Canyon Lake, TX 78133  
(210) 788-5474

Permit #: **108212**  
Agency: Comal County  
County: Comal Sub:  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357  
Contract Dates: 1/24/2019 - 1/24/2021  
Scheduled Date: 9/24/2020 Inspection 5 of 6  
Installed: 1/16/2019  
Warranty End: 1/16/2021  
GPS Coordinates - Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 9/24/2020 Time In: 3pm Out: 3:30

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: 2.20

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

CFM: 3.5

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. 6" scum in pre treatment. Secured safety pan. Checked sprinkler system. Set future inspections as appointment only at homeowner request.

Insp ID #: 058

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: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 1/6/2021  
Site: 2133 Angeles Ct  
Canyon Lake, TX 78133  
(210) 788-5474

Permit #: **108212**

Agency: Comal County  
County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357  
Contract Dates: 1/24/2019 - 1/24/2021  
Scheduled Date: 1/24/2021 Inspection 6 of 6  
Installed: 1/16/2019  
Warranty End: 1/16/2021  
GPS Coordinates - Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 1/6/2021

Time In: 9am

Out: 920

Entered By: Rudy Carson

Method: Grab

Technician: Rudy Carson

Maint. Provider: Rudy Carson

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: 0.2mg/L

**Sludge Levels**

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

CFM: 3.8

Tank Lid / Riser: Secured

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

Color: Good  
Odor: Good

Alarm: Operational

PSI Pressure: 4.0

**Comments**

**Service Completed**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Cleaned compressor filter - Scum in pretreatment is 2"

Insp ID #: 103714

Provider: *Rudy Carson*

Technician: *Rudy Carson*

License Info: MP0002036 Expires:

License Info: MP0002036 Expires: 10/22/2022



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

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

To: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 6/3/2021  
Site: 2133 Angeles Ct  
Canyon Lake, TX 78133  
(210) 788-5474

Permit #: 108212

Agency: Comal County

County: Comal

Sub:

Mfg / Brand: Advantage Wastewater LLC - Nu Water

Treatment Type: Aerobic With Chlorine System S/N: B2163

Disposal: Surface Application

Customer ID: 6357

Contract Dates: 1/24/2021 - 1/24/2022

Scheduled Date: 5/24/2021

Inspection 1 of 3

Installed: 1/16/2019

Warranty End: 1/16/2021

GPS Coordinates - Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

**Visit Date: 6/3/2021**

**Method: Grab**

**Technician: Ronnie W Krampota**

**Maint. Provider: Rudy Carson**

This counts as a type of "Scheduled Inspection"

**Entered By: Ronnie W Krampota**

Chlorine Residual: n/a

**Comments**

Could not inspect due to no gate code to the subdivision or personal gate code.  
Please call the office to provide information.  
Thank you

**Service Completed**

Insp ID #: 109858

Provider: **Rudy Carson**

License #: MP0002036

Technician: Ronnie W Krampota

License #: MT0001175

Expires: 7/31/2023



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

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

To: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 10/8/2021  
Site: 2133 Angeles Ct  
Canyon Lake, TX 78133  
(210) 788-5474

Permit #: **108212**  
Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357  
Contract Dates: 1/24/2021 - 1/24/2022  
Scheduled Date: 9/24/2021 Inspection 2 of 3  
Installed: 1/16/2019  
Warranty End: 1/16/2021  
GPS Coordinates - Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: **10/8/2021** Time In: 910 Out: 922  
Method: **Grab**  
Technician: Alejandro Gonzalez  
Maint. Provider: Rudy Carson

Entered By: Alejandro Gonzalez

Chlorine Residual: na

Comments

Called customer, left message. Got through first gate. Could not get in second gate.

Service Completed

Insp ID #: 115200

License Info: MP0002036 Expires:

License Info: MT0000996 Expires:

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

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

Customer ID

6357

**Contract Period**

**Start Date: 1/24/2022**

**End Date: 1/24/2024**

(210) 788-5474

Email: mmarx@tmtsolutions.com

**Permit #: 108212**

**To: Michael Marx**  
**2133 Angeles Ct**  
**Canyon Lake, TX 78133**

Site: 2133 Angeles Ct, Canyon Lake, TX 78133  
County: Comal  
Installer: Jimmy Ward  
Agency: Comal County  
Mfg/Brand: Advantage Wastewater LLC-Nu Water-B2163

Installed: 1/16/2019  
Warranty End: 1/16/2021

Block Creek Concrete Products, LLC  
3 visits per year - one every 4 months  
1000 gallons per day

This is to Certify that the above COMMERCIAL 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.

XXXXXXXXXXXX is certified by the manufacturer of your system.

The air filter will be cleaned at each visit.

This agreement does not include the cost of repairs.

This agreement does not include the cost of chlorine.

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

Date Printed: 2/7/2022

*Rudy Carson*

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

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

To: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 2/7/2022  
Site: 2133 Angeles Ct  
Canyon Lake, TX 78133  
(210) 788-5474

Permit #: **108212**

Agency: Comal County  
County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357

Contract Dates: 1/24/2021 - 1/24/2022

Scheduled Date: 1/24/2022

Inspection 3 of 3

Installed: 1/16/2019

Warranty End: 1/16/2021

GPS Coordinates - Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

This counts as a type of "Scheduled Inspection"

Visit Date: 2/7/2022

Out: 1248

Entered By: Jose Ramos

Method: Grab

Technician: Jose Ramos

Maint. Provider: Rudy Carson

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 1.0

**Sludge Levels**

For Tank 1: 6"

For Tank 2: 4"

For Tank 3: 1"

CFM: 4.5

Air Filter: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Color: Good

Odor: Good

Alarm: Operational

PSI Pressure: 4.5

**Comments**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Scum in pretreatment is 6" - Risers need to be added please contact office for scheduling and questions (16" x 6" riser NEEDS to be added - Sprinkler is gone call office to be scheduled to be repaired - This is your last inspection

Service Completed

Insp ID #: 119966

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: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 5/18/2022  
Insp ID #: 125471

Main Phone: (210) 788-5474  
Work:  
Cell Phone:  
Alt Cell:

Permit #: 108212

Agency: Comal County

County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water

Treatment Type: Aerobic With Chlorine System S/N: B2163

Disposal: Surface Application

Customer ID: 6357

Contract Dates: 1/24/2022 - 1/24/2024

Scheduled Date: 5/24/2022

Inspection 1 of 6

Installed: 1/16/2019

Warranty End: 1/16/2021

GPS Coordinates: Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

Visit Date: 5/18/2022

Time In: 900

Out: 925

This counts as a type of "Scheduled Inspection"  
Entered By: Marc E Lafrenais

Method: Grab

Technician: Marc E Lafrenais

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: 24"

For Tank 2: 4"

For Tank 3: 0"

Floats: OP

Timer: OP

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Alarm: Operational

**Comments**

- Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Scum in pretreatment is 12". - Cleaned compressor filter

Service Completed

Site: 2133 Angeles Ct, Canyon Lake, TX 78133

Provider: **Rudy Carson**

Technician: **Marc E Lafrenais**

License Info: MP0002036 Expires:

License Info: MT0002285 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: Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 9/26/2022 Main Phone: (210) 788-5474  
Insp ID #: 131092 Work:  
Cell Phone:  
Alt Cell:

Permit #: 108212  
Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357  
Contract Dates: 1/24/2022 - 1/24/2024  
Scheduled Date: 9/24/2022 Inspection 2 of 6  
Installed: 1/16/2019  
Warranty End: 1/16/2021  
GPS Coordinates: Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

Visit Date: 9/26/2022 Time In: Out: 1015

This counts as a type of "Scheduled Inspection"  
Entered By: Dalton James Vann

Method: Grab  
Technician: Dalton James Vann  
Maint. Provider: Rudy Carson

Aerators: Operational  
Filters: Operational  
Irrigation Pumps: Operational  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: .6

Sludge Levels  
For Tank 1: 20"  
For Tank 2: 38"  
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 3" -Reset timer - Tank 2 Clarifying tank has excessive amount of buildup. This can be caused by hydraulic overloading of system. If you continue to do this you will have to PUMP your system more often than the manufacture recommends (3-5 years)

Service Completed

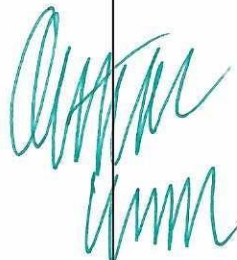
Site: 2133 Angeles Ct, Canyon Lake, TX 78133

Provider: *Rudy Carson*

Technician: *Dalton James Vann*

License Info: MP0002036 Expires:

License Info: MT0001113 Expires: 2/28/2025



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

Printed: 7/13/2023 Insp ID #: 142872

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

**To: Michael Marx**  
2133 Angeles Ct  
Canyon Lake, TX 78133

Permit #: **108212**

Main Phone: (210) 788-5474  
Work:  
Cell Phone:  
Alt Cell:

Agency: Comal County  
County: Comal  
Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357  
Contract Dates: 1/24/2022 - 1/24/2024  
Scheduled Date: 5/24/2023 Inspection 4 of 6  
Installed: 1/16/2019  
Warranty End: 1/16/2021  
GPS Coordinates: Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

**Visit Date: 7/13/2023** Time In: 9:20

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**

**Sludge Levels**  
**For Tank 1: 18"**  
**For Tank 2: 18"**  
**For Tank 3: 6"**

**Floats: OP**  
**Timer: OP**

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

**Alarm: Operational**

**Comments**  
cleaned filter system working good - Scum in pretreatment is 18"

*Treat*

**Service Completed**

Site: 2133 Angeles Ct, Canyon Lake, TX 78133

**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: Michael Marx**  
2133 Angeles Ct  
Canyon Lake, TX 78133

Printed: 10/5/2023  
Insp ID #: 146318

Main Phone: (210) 788-5474  
Work:  
Cell Phone:  
Alt Cell:

Permit #: **108212**

Agency: Comal County  
County: Comal

Mfg / Brand: Advantage Wastewater LLC - Nu Water  
Treatment Type: Aerobic With Chlorine System S/N: B2163  
Disposal: Surface Application

Customer ID: 6357

Contract Dates: 1/24/2022 - 1/24/2024

Scheduled Date: 9/24/2023

Inspection 5 of 6

Installed: 1/16/2019

Warranty End: 1/16/2021

GPS Coordinates: Latitude: 29.88581 Longitude: -98.31891

**Service Type: Scheduled Inspection**

**Visit Date: 10/5/2023**

Time In:

This counts as a type of "Scheduled Inspection"  
**Entered By: Christopher T Zigalo**

**Method: Grab**

**Technician: Not Assigned**

**Maint. Provider: Rudy Carson**

Chlorine Residual: na

Floats: OP  
Timer: OP

**Comments**

unable to access due to incorrect gate code. Called through gate no answer. please call our office to reschedule.

**Service Completed**

Site: 2133 Angeles Ct, Canyon Lake, TX 78133

Provider: **Rudy Carson**

License Info: MP0002036 Expires: 11/30/2025

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

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

Customer ID: 6357

**Contract Period**

**Start Date: 1/24/2024**  
**End Date: 1/24/2026**

Main Phone: (210) 788-5474  
Cell Phones:

**Permit #: 108212**

Email: mmarx@tmtsolutions.com  
Block Creek Concrete Products, LLC

**To: Michael Marx**  
2133 Angeles Ct  
Canyon Lake, TX 78133

Site: 2133 Angeles Ct, Canyon Lake, TX 78133  
County: Comal  
Installer: Jimmy Ward  
Agency: Comal County  
Mfg/Brand: Advantage Wastewater LLC-Nu Water-B2163

Installed: 1/16/2019  
Warranty End: 1/16/2021

3 visits per year - one every 4 months  
1000 gallons per day

This is to Certify that the above COMMERCIAL 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.

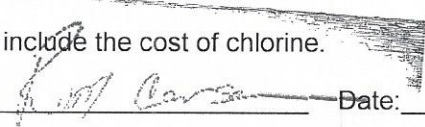
We will visit your site within 48 hours of you notifying us of a problem.

XXXXXXXXXXXX is certified by the manufacturer of your system.

The air filter will be cleaned at each visit.

This agreement does not include the cost of repairs.

This agreement does not include the cost of chlorine.

Certified Inspector:  Date: 11-28-23

Rudy Carson

Date Printed: 11/28/2023

# Block Creek Aerobic Services, LLC

444 A Old Hwy No 9  
Comfort, TX 78013

(830) 995-3189

Printed:1/11/2024

**Permit: 108212**

Site: 2133 Angeles Ct, Canyon Lake, TX 78133

Main Phone: 2107885474

**Michael Marx**  
2133 Angeles Ct  
Canyon Lake, TX 78133

Agency: Comal County  
County: Comal

---

System Info: MFG: Advantage Wastewater LLC Brand: Nu Water Customer ID: 6357  
Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application Insp ID: 152678  
Installed: 1/16/2019 Warranty Expiration: 1/16/2021 System S/N: B2163  
Visit Details  
**Visit Date: 1/11/2024** Entered By: Jacob Williams GPS Lat: 29.88581 GPS Long: -98.31891  
Scheduled Date: 1/24/2024 Contract Starts: 1/24/2024  
Entered On: 1/11/2024 Time Out: 3:39 Contract Ends: 1/24/2026

Visit Results  
**Service Type: Scheduled Inspection**  
Count: Inspection 1 of 6  
Method: Grab  
Technician: Jacob Williams License # MT0002672 Expires  
Provider: Rudy Carson MP0002036 11/30/2025  Service Completed

Aerators: Operational Sludge Level Tank 1: 13"  
Filters: Operational Sludge Level Tank 2: 13"  
Irrigation Pumps: Operational Sludge Level Tank 3: 5"  
Disinfection Device: Operational  
Chlorine Supply: Operational  
Chlorine Residual: .3  
  
Tank Lid / Riser: Secured  
  
Electric Circuits: Operational  
Distribution System: Operational  
Drip/Sprayfield Veg: Operational  
  
Alarm: Operational

Comments  
#0520 gc  
Tech secured lids prior to leaving location. - Cleaned compressor filter - Scum in pretreatment is 0" replaced 2 buzzers, 1 lightbulb, and 2.5 feet of clear tubing for the compressor to air switch.

Provider: *Rudy Carson*

Technician: Jacob Williams

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

License: Number: MT0002672 Exp:

**Block Creek Aerobic Services, LLC**

444 A Old Hwy No 9  
Comfort, TX 78013

(830) 995-3189

Printed:1/12/2024

**Permit: 108212**

Site: 2133 Angeles Ct, Canyon Lake, TX 78133

Main Phone: 2107885474

**Michael Marx**  
2133 Angeles Ct  
Canyon Lake, TX 78133

Agency: Comal County  
County: Comal

System Info: <u>MFG: Advantage Wastewater LLC</u> Brand: <u>Nu Water</u>		Customer ID: <u>6357</u>
Treatment Type: <u>Aerobic With Chlorine</u>	Disposal Type: <u>Surface Application</u>	Insp ID: <u>152787</u>
Installed: <u>1/16/2019</u>	Warranty Expiration: <u>1/16/2021</u>	System S/N: <u>B2163</u>

Visit Details	<b>Visit Date: <u>1/12/2024</u></b>	<b>Entered By: Dalton James Vann</b>	GPS Lat: 29.88581 GPS Long: -98.31891
	Scheduled Date: <u>5/24/2024</u>	Contract Starts: <u>1/24/2024</u>	
	Entered On: <u>1/12/2024</u>	Time Out: <u>525</u>	Contract Ends: <u>1/24/2026</u>

Visit Results

**Service Type: Repair**

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

**Aerators: Operational**  
**Filters: Operational**  
**Irrigation Pumps: Operational**  
**Disinfection Device: Operational**  
**Chlorine Supply: Operational**  
**Chlorine Residual: 1**

**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. -Responding to report of broken air hose. Found air hose broken in multiple places, replaced hose. System no longer alarming.

<b>Provider:</b> <i>Rudy Carson</i>	<b>Technician:</b> <i>Dalton James Vann</i>
<b>License:</b> Number: MP0002036 Exp: 11/30/2025	<b>License:</b> Number: MT0001113 Exp: 2/28/2025

# Block Creek Aerobic Services, LLC

444 A Old Hwy No 9  
Comfort, TX 78013

(830) 995-3189

Printed:4/29/2024

**Permit: 108212**

Site: 2133 Angeles Ct, Canyon Lake, TX 78133

Main Phone: 2107885474

**Michael Marx**  
2133 Angeles Ct  
Canyon Lake, TX 78133

Agency: Comal County  
County: Comal

System Info: MFG: Advantage Wastewater LLC Brand: Nu Water

Customer ID: 6357

Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application

Insp ID: 157518

Installed: 1/16/2019

Warranty Expiration: 1/16/2021

System S/N: B2163

## Visit Details

**Visit Date:** 4/29/2024

**Entered By:** Kaleb Hernandez

GPS Lat: 29.88581 GPS Long: -98.31891

Scheduled Date: 5/24/2024

Time In: 245

Contract Starts: 1/24/2024

Entered On: 4/29/2024

Time Out: 300

Contract Ends: 1/24/2026

## Visit Results

### Service Type: Scheduled Inspection

Count: Inspection 2 of 6

**Method:** Grab

License #

Expires

**Technician:** Kaleb Hernandez

MT0002671

1/31/2027

**Provider:** Rudy Carson

MP0002036

11/30/2025

Service Completed

**Aerators:** Operational

**Sludge Level Tank 1:** 0"

**Filters:** Operational

**Sludge Level Tank 2:** 0"

**Irrigation Pumps:** Operational

**Sludge Level Tank 3:** 0"

**Disinfection Device:** Operational

**Chlorine Supply:** Operational

**Floats:** OP

**Turbidity:** Good

**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

- Scum in pretreatment is Trace - 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:9/17/2024

**Permit: 108212**

Site: 2133 Angeles Ct, Canyon Lake, TX 78133

Main Phone: 2107885474

**Michael Marx**  
2133 Angeles Ct  
Canyon Lake, TX 78133

Agency: Comal County  
County: Comal

System Info: MFG: Advantage Wastewater LLC Brand: Nu Water Customer ID: 6357  
 Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application Insp ID: 163502  
 Installed: 1/16/2019 Warranty Expiration: 1/16/2021 System S/N: B2163  
 Visit Details  
**Visit Date: 9/17/2024** Entered By: Christopher T Zigalo GPS Lat: 29.88581 GPS Long: -98.31891  
 Scheduled Date: 9/24/2024 Contract Starts: 1/24/2024  
 Entered On: 9/17/2024 Contract Ends: 1/24/2026

Visit Results  
**Service Type: Scheduled Inspection**  
 Count: Inspection 3 of 6  
**Method: Grab**  
 Technician: Christopher T Zigalo License # MT0001878 Expires 9/30/2026  
 Provider: Rudy Carson License # MP0002036 Expires 11/30/2025  Service Completed

Aerators: Operational Sludge Level Tank 1: 2"  
 Filters: Operational Sludge Level Tank 2: 0"  
 Irrigation Pumps: Operational Sludge Level Tank 3: 0"  
 Disinfection Device: Operational Floats: OP  
 Chlorine Supply: Operational Timer: OP  
 Chlorine Residual: .1

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. - Cleaned compressor filter - Scum in pretreatment is trace

Provider: *Rudy Carson* Technician: Christopher T Zigalo  
 License: Number: MP0002036 Exp: 11/30/2025 License: Number: MT0001878 Exp: 9/30/2026

# Block Creek Aerobic Services, LLC

444 A Old Hwy No 9  
Comfort, TX 78013

(830) 995-3189

Owner Phone: (210) 788-5474

Michael Marx  
2133 Angeles Ct  
Canyon Lake, TX 78133

Agency: Comal County  
County: Comal

## Site Address: 2133 Angeles Ct, Canyon Lake Permit #: 108212

System Info: MFG: Advantage Wastewater LLC Brand: Nu Water

Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application

ID: 6357

Installed: 1/16/2019

Warranty Expiration: 1/16/2021

System S/N: B2163

Insp ID: 171651

### Visit Details

Visit Date: 2/27/2025

Entered By: Skyler

GPS Lat: 29.88581 GPS Long: -98.31891

Scheduled Date: 1/24/2025

Time In: 950am

Contract Starts: 1/24/2024

Entered On: 2/27/2025

Time Out: 1010am

Contract Ends: 1/24/2026

### Visit Results

#### Service Type: Scheduled Inspection

Printed: 2/27/2025

Count: Inspection 4 of 6

Method: Grab

License #

Expires

Technician: Jacob Williams

Provider: Rudy Carson

MP0002036

11/30/2025

Service Completed

Aerators: Operational

Sludge Level Tank 1: 6

Filters: Operational

Sludge Level Tank 2: 16

Irrigation Pumps: Operational

Sludge Level Tank 3: 4

Disinfection Device: Operational

Chlorine Supply: Operational

Floats: OP

Chlorine Residual: 1.7

Timer: OP

Air Filter: Good

Tank Lid / Riser: Secured

Electric Circuits: Operational

Color: Good

Distribution System: Operational

Odor: Good

Drip/Sprayfield Veg: Operational

Alarm: Operational

### Comments

- 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 - Tank 2 Clarifying tank has excessive amount of buildup. This can be caused by hydraulic overloading of system. If you continue to do this you will have to PUMP your system more often than the manufacture recommends (3-5 years) - Cleaned compressor filter - reset timer - checked sprinklers upon checking sprinklers found on the NW side of the property. Sprinkler had cracked case and broken top. \*replaced broken sprinkler\*

Provider: *Rudy Carson*

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