

Comal County
OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 05/29/2019 Permit Number: 108951

Location Description: 1211 MISTY LN
SPRING BRANCH, TX 78070

Subdivision: Rivermont
Unit: 3
Lot: 44
Block: 13
Acreage:

Type of System: Aerobic
Surface Irrigation

Issued to: Guy & Beverly Morrison

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

Shelly K. Helmke 050031545
ENVIRONMENTAL HEALTH INSPECTOR

Sandra Ann Hernandez
ENVIRONMENTAL HEALTH COORDINATOR 050025599

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Carl Eoff OSSF Installer #: OS0029546

1st Inspection Date: 5/14/19 2nd Inspection Date: 5/29/19 3rd Inspection Date: _____

Inspector Name: Mike T. Inspector Name: S Helmke Inspector Name: _____

Permit#: 108951 Address: Riverview / 1211 Misty Ln.

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials	/	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)		5/14/19		
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	/	285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	/	285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	/	285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	/	285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G)285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(I)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

MT-5/14/19

SH-5/29/19

Covered

*Tank set, leveled
operational ✓
Ready For Cover.*

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If Single Tank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and " T " Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(E) 285.91(2) 285.32(b)(1)(F) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(ii)(I) 285.32(b)(1)(E)(i) 285.32(b)(1)(D) 285.32(b)(1)(C)(ii) 285.32(b)(1)(C)(i) 285.32(b)(1)(B) 285.32(b)(1)(A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed	✓			5/14/19		
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓			/		
16	DISPOSAL SYSTEM Absorptive		285.33(d)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

**Comal County Environmental Health
OSSF Inspection Sheet**

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

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart	✓	285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3)(B) 285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)		5/14/19		
33	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.	✓	285.32(c)(1)				
34	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions	✓					
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.	✓					
36	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
37	PUMP TANK Inspection/Clean Out Port & Risers Provided PUMP TANK Secondary restraint system provided PUMP TANK Riser permanently fastened to lid or cast into tank PUMP TANK Riser cap protected against unauthorized intrusions						
38	PUMP TANK Secondary restraint system provided						
39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?	✓	285.33(d)(2)(G)(iii)(II)285.33(d)(2)(G)(iii)(II)285.33(d)(2)(G)(v) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii)(I)		S/M/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	✓ X	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)			5/29/19	
42	APPLICATION AREA Area Installed	X		3@3692		5/29/19	
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: 108951
Issued This Date: 04/08/2019
This permit is hereby given to: Guy & Beverly Morrison

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

1211 MISTY LN
SPRING BRANCH, TX 78070

Subdivision: Rivermont
Unit: 3
Lot: 44
Block: 13
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.

OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded

Items Date Received	Initials

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Permit Number APR 02 2019

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Instructions:

Place a check mark next to all items that apply. For items that do not apply, place "N/A". This OSSF Development Application Checklist must accompany the completed application.

OSSF Permit

- Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate
- Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer
- Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.
- Required Permit Fee
- Copy of Recorded Deed
- Surface Application/Aerobic Treatment System
- Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public
- Signed Maintenance Contract with Effective Date as Issuance of License to Operate

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

Beverly Morrison
 Signature of Applicant

2/25/19
 Date

COMPLETE APPLICATION

Check No. _____ Receipt No. _____

INCOMPLETE APPLICATION
 (Missing Items Circled, Application Refused)

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

Date 4-2-19

Permit # 108951

Owner Name Gay & Beverly Morrison

Agent Name Eoff Septic Services

Mailing Address 205 Sattler Rd

Agent Address 420 Bear Creek Dr.

City, State, Zip Spring Branch, TX 78070

City, State, Zip New Braunfels, TX 78132

Phone # 210-275-6308

Phone # 210-385-2350

Email _____

Email Keith.Eismann@yandoo.com

All correspondence should be sent to: Owner Agent Both

Method: Mail Email

Subdivision Name Rivermont

Unit 3 Lot 44 Block 13

Acreage/Legal .505

Street Name/Address 1211 Misty Lane

City Spring Branch Zip 78070

Type of Development:

Single Family Residential

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

Number of Bedrooms 2

Indicate Sq Ft of Living Area 1,260

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: \$ 185,000.00 (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.

Beverly Morrison
Signature of Owner

2/25/19
Date

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

Planning Materials & Site Evaluation as Required Completed By Hoyt Scidmore

System Description Aerobic with Spray Distribution

Size of Septic System Required Based on Planning Materials & Soil Evaluation 3692.64

Tank Size(s) (Gallons) 600 GPD ATU Absorption/Application Area (Sq Ft) ~~4427.52~~

Gallons Per Day (As Per TCEQ Table III) 180 HA 5-2-19

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

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

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

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

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

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

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

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

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

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

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

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

Is this property within an incorporated city? Yes No

If yes, indicate the city: _____

By signing this application, I certify that:

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

Hoyt Scidmore
Signature of Designer

4-2-19
Date

1/c



201906011016 04/02/2019 02:30:50 PM 1/1

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Affidavit to the Public

THE COUNTY OF COMAL
STATE OF TEXAS

COUNTY ENGINEER

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

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

Legal Description of property is as follows:

1211 Misty Lane, Spring Branch TX 78070, Rivermont Subdivision Unit 3, Block 13, Lot 44

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

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

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

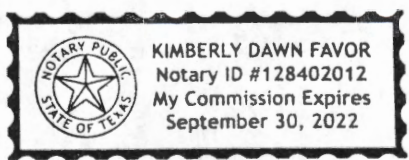
Upon sale or transfer of the above-described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for the OSSF may be obtained from (Comal County Engineers Office or Ecological Services).

Signed by my/our hand(s) on this 25 Day of February, 2019.

Signature Beverly Morrison
Print Name Beverly Morrison

Sworn to and subscribed to before Notary Public, in and for the state of Texas and

WITNESS MY HAND AND OFFICIAL SEAL THIS THE 25 DAY OF Feb, 2019.



Notary Public, State of Texas
My Commission Expires: 09-30-2022

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
04/02/2019 02:30:50 PM
JESSICA 1 Page(s)
201906011016
 Bobbie Koepf

RECEIVED

APR 02 2019

Carl Eoff Services

420 Bear Creek Drive, New Braunfels, Tx. 78132
210-669-6088

COUNTY ENGINEER

Service Agreement

- I. General: This work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between Gay & Beverly Morrison (hereinafter referred to as "Client") and Carl W. Eoff (hereinafter referred to as "Contractor"). By this Agreement, Contractor agrees to render services, as described herein, and the Client agrees to fulfill his/her/their responsibilities under this agreement as described herein.
- II. Effective Dates: This Agreement commences on the date the license to operate is issued and upon receipt of full payment and runs for (2) years.
Agreement: Starting Date: (/ /) Ending Date: (/ /)
- III. Services by Contractor: Contractor will provide the following services (hereinafter referred to as the "Services"):
 1. In compliance with Agency (TCEQ and/or County) and manufacturer's requirements, inspect and perform routine maintenance on the On-Site Sewage Facility (hereinafter referred to as the "OSSF") three (3) times per year (approximately once every four (4) months).
 2. Report to the appropriate regulatory authority and to the Client, as is required by both the State's on-site rules and local Agency's rules, if more stringent. All findings must be reported to the local agency within 14 days.
 3. If any components of the OSSF are found to be in need of repair during the inspection, the Contractor will notify the Client of the repairs needed.
 4. Visit site in response to Client's request (s) for unscheduled service(s) within two business days from the date of Contractor's receipt of Client's request. All unscheduled responses are in addition to the fee covered by this Agreement and will be billed to the Client.
 5. Provide notification of arrival to site to the homeowner or to site personnel. Additionally, written notification of the visit will be left at the site or with site personnel upon completion of inspection, as well as, forwarded to Agency within 14 days.
- IV. Site Location: The Services are to be performed at the property located at:
1211 Misty Lane , Spring Branch Texas.
- V. Payment(s): The fee for this Agreement, Included in Agreement, only covers the Services described herein. This fee does not cover equipment, parts or labor supplied for repairs or charges for unscheduled Client-requested trips to the site. By signing this Contract, the Client is authorizing the Contractor to remove any parts which were installed but not paid for at the end of 30 days. The Client is still responsible for any labor costs associated with the installation and remove of said parts.
- VI. Client's Responsibilities: The Client is responsible for each and all of the following:
 1. Maintain chlorinator and provide proper chlorine supply, if OSSF is equipped with same.
 2. Provide all necessary yard or lawn maintenance and removal of obstacles as needed to allow the OSSF to function properly, and to allow Contractor easy access to all parts of the OSSF.
 3. Immediately notify Contractor and Agency of any and all problems with, including failure of the OSSF.
 4. Upon receiving a written notification of services needed from the Contractor, it becomes the Client's responsibility to contact the Contractor to authorize the service. If the Client chooses to use a different contractor to perform the service, the Client is responsible for ensuring the Contractor holds the proper license (Installer II, Maintenance provider) and is certified by the manufacturer. Also, the Client is responsible for ensuring proper notification is given to the Agency, as required by the State and local Agency rules.
 5. Clients residing in Comal County should allow for samples at both the inlet and outlet to the OSSF to be obtained by the Contractor for the purpose of evaluating, the OSSF's performance when requested by

Initials: Client: [Signature] Contractor: [Signature]

APR 02 2019

COUNTY ENGINEER

the Client. If these samples are sent to the lab for testing, the Client will directly pay the lab for the cost of the Testing plus pay the Contractor for all man-hours expended in providing this additional service at the rate of \$75.00 per hour.

- 6. Not allow the backwash from water treatment or water conditioning equipment to enter the OSSF.
- 7. Maintain site drainage to prevent adverse effects on OSSF.
- 8. Promptly and fully pay Contractor's bills, fees, or invoices as described herein.

VII. **Access by Contractor:** Contractor, or personnel authorized by the Contractor, may enter the property at reasonable times without prior notice for the purpose of performing the above-described Services. Contractor will require access to the OSSF electrical and physical components, including tanks, by means of manways or risers for the purpose of evaluations required by manufacturer, and/or rules. If such manways or risers are not in place, excavation together with other labor and materials will be required, and will be billed to Client as an additional service at the rate of \$75.00 per hour, plus materials billed also. Excavated soil is to be replaced as best as reasonably possible.

VIII. **Limits of Liability:** In no event shall the Contractor be liable for indirect, consequential, incidental or punitive damages, whether in contract tort or any other theory. In no event shall the Contractor's liability for direct damages exceed the price for the Services described in this Agreement.

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

Client and/or authorized agent:

Print Name: Beverly Morrison Signature: Beverly Morrison

Date: 2/25/19 Email address: morrh@gmail.com

Physical Address: 1211 Misty Lane, Spring Branch, Texas (Zip) 78070

Mailing Address: 205 Sattler Rd Spring Branch, Texas (Zip) 78070

Phone Numbers:

Home: cell 210-394-9367 Work: () Cell: 210-275-6308 Fax: ()

Contractor

Carl W Eoff
 Bear Creek Drive
 New Braunfels, Texas 78132
 Cell: 210-669-6088
 Office: 210-609-6631
 Fax: 210-609-6631

Signature: [Signature] Date: 2/22/19

Certification held by Carl W. Eoff:

- Installer II License #: OS0029546
- OSSF Maintenance Provider #: MP0001745

ON-SITE SEWERAGE FACILITY Soil Evaluation Report Information

Date Soil Survey Performed: 2/25/2019
 Site Location: 1211 Misty Lane
 Name of Site Evaluator: Hoyt Seidensticker Registration Number: QS0008771
 Proposed Excavation Depth: n/a County: Comal

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Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area.
 Location of soil boring or dug pits must be shown on the site drawing.
 For subsurface disposal, soil evaluation must be performed to a depth of at least two feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.

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Describe each soil horizon and identify any restrictive feature on the form. Indicate depths where features appear.

Soil Boring Number <u>1</u>						
Depth (feet)	Texture Class	Soil Structure	Gravel Analysis	Drainage (Redox Features/ Water Table)	Restrictive Horizon	Observations (color, consistence)
0	III	LOAM rock	<30%	none	yes, rock	BROWNISH
1 <u>12 in</u>						
2						
3						
4						
5						
Soil Boring Number <u>2</u>						
Depth (feet)	Texture Class	Soil Structure	Gravel Analysis	Drainage (Redox Features/ Water Table)	Restrictive Horizon	Observations (color, consistence)
0	III	LOAM rock	<30%	none	yes, rock	BROWNISH
1						
2						
3						
4						
5						

Features of Site Area

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

By my signature, I hereby certify that the information provided in this report is based on my site observations and are accurate to the best of my ability.

I understand that any misrepresentation of the information contained in this report may be grounds to revoke or suspend my license. The site evaluation

determined the site is suitable for a Spray Distribution disposal system with Aerobic treatment

According to table XIII, the site is suitable for this proposed system. A copy of Table XIII has been given to the property owner to inform them of

other alternatives based upon the result of this site evaluation

Hoyt Seidensticker
Signature of Site Evaluator

2/25/19
Date

5/2/2019
4:35 AM
Aerobic with Spray
Distribution System

ON-SITE SEWAGE FACILITY DESIGN CRITERIA GUY MORRISON

REVISED
8:47 am, May 02, 2019

108951

Property Information:

St. Address: 1211 Misty Lane
City: Spring Branch State: Texas
Zip code: 78070

Predicted Quantity of Sewage (Q)

Water Saving Devices in Home (y/n): YES
Gallons/day (Q): 180
Greywater included (yes/no): YES

Rate of Adsorption (Ra)

Application rate (g/sq. ft.): 0.064
Minimum Adsorptive Area (sq. ft.): 2812.5

Aerobic Unit

Required size of aerobic unit: 360 gpd
Pretreatment Tank (gallons): 353
Class 1 Aerobic Unit:: NuWater 550-PC-400PT
Pump tank total capacity (gal): 768
Chlorination: Liquid installed in Tank
Pump Switch operation: Float system
Dosing cycle quantity (gals): Varied
Cycling time: night time
Pump size and capacity: Franklin E-Series 20 GPM

House Information

No. of Bedrooms: 2
Sq. footage (Approx.): 1260
Water Supply: PUBLIC

Supply Line from House

Length of supply line (approx. ft): 5
Type of supply line: SCH 40 PVC
Size of Supply line (in): 3 or 4

Supply Line For Spray Irrigation System

Length of supply line (approx. ft): 141
Type of supply line: SCH 40 PVC
Size of supply line (in): 1

Disposal Area per this System

$\pi (28)^2/2$	=	<u>1230.88</u>
$\pi (28)^2/2$	=	<u>1230.88</u>
$\pi (28)^2/2$	=	<u>1230.88</u>
	=	
Total irrigated area (sq. ft.):		<u>3692.64</u>

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

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

Hoyt Seidensticker, R.S. No. 3588

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

5-2-19

Date



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

5/2/2019
4:35 AM
Aerobic with Spray
Distribution System

ON-SITE SEWAGE FACILITY DESIGN CRITERIA GUY MORRISON

REVISED
8:47 am, May 02, 2019

Head Pressure

Elevation Head:	<u>4</u>
Pressure Head:	<u>92</u>
Friction Head:	<u>5.64</u>
Total head:	<u>101.6</u>

Sprinkler Head Information

K-Rain sprinkler head PROPLUS,
low angle nozzle

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

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

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

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

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

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

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



Hoyt Seidensticker, R.S. No. 3588

5-2-19

Date



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

ON-SITE SEWERAGE FACILITY
Site Evaluation Report Information

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Date: 2/25/2019

APR 02 2019

Applicant Information:

Name: Guy Morrison
Address: 205 Satler Road
City: Spring Branch State: Texas Zip: 78070
Phone: 210-275-6309

Site Evaluator Information:

Name: Hoyt Seidensticker COUNTY ENGINEER
Company: Land Stewardship Services, LLC
Address: 27115 Bent Trail
City: Boerne State: Texas Zip: 78006
Phone: (210) 414-6603 Fax: _____

Property Location:

Lot: 44 Block: 13 Sub.: Rivermont, unit 3
Street/Road Address: 1211 Misty Lane
City: Spring Branch State: Texas Zip: 78070
Unincorporated Area? Y or N Y
Additional information _____

Installer information:

Name: Carl Eoff OS0029546
Company: Carl Eoff Services
Address: 420 Bear Creek Road
City: New Braunfels State: Texas Zip: 78132
Phone: (210) 669-6088 Fax: _____

Schematic of Lot or Tract

Show:

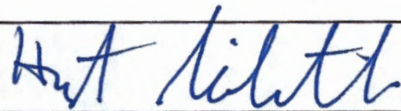
- Compass North, adjacent streets, property lines, property lines, property dimensions, location of buildings, easements, water lines, and other surface improvements where known (drainage, patios, sidewalks).
- Location of existing or proposed water wells within 150 feet of property.
- Indicate slope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

SITE DRAWING

Lot Size: _____ acres

SEE ATTACHED

Signature of Site Evaluator



Site Evaluator License No: OS0008771

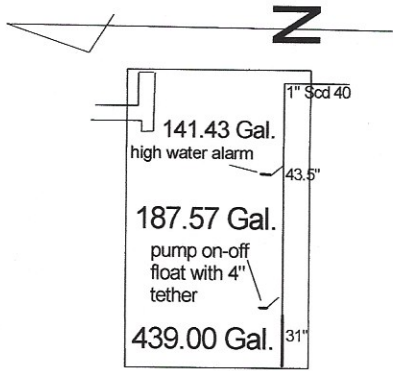
Scale 1"=40'

Site Map

Aerobic with Spray Distribution System

Guy Morrison

Lot: 44 Blk. 13
Rivermont Subdivision Unit 3
1211 Misty Lane
Spring Branch, Texas 78070
Comal County



I hereby request a variance to the 20 foot setback to property lines as required by Comal County Order to a 10' setback to property lines as required by TCEQ, Chapter 285 and equivalent protection will be maintained by adding a battery backup to the timer clock or photo cell activated timer to assure sprayers to only spray during the predawn hours. In my professional opinion this variance will not pose a threat to the environment or public health.

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

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

All external electrical lines must be in gray conduit

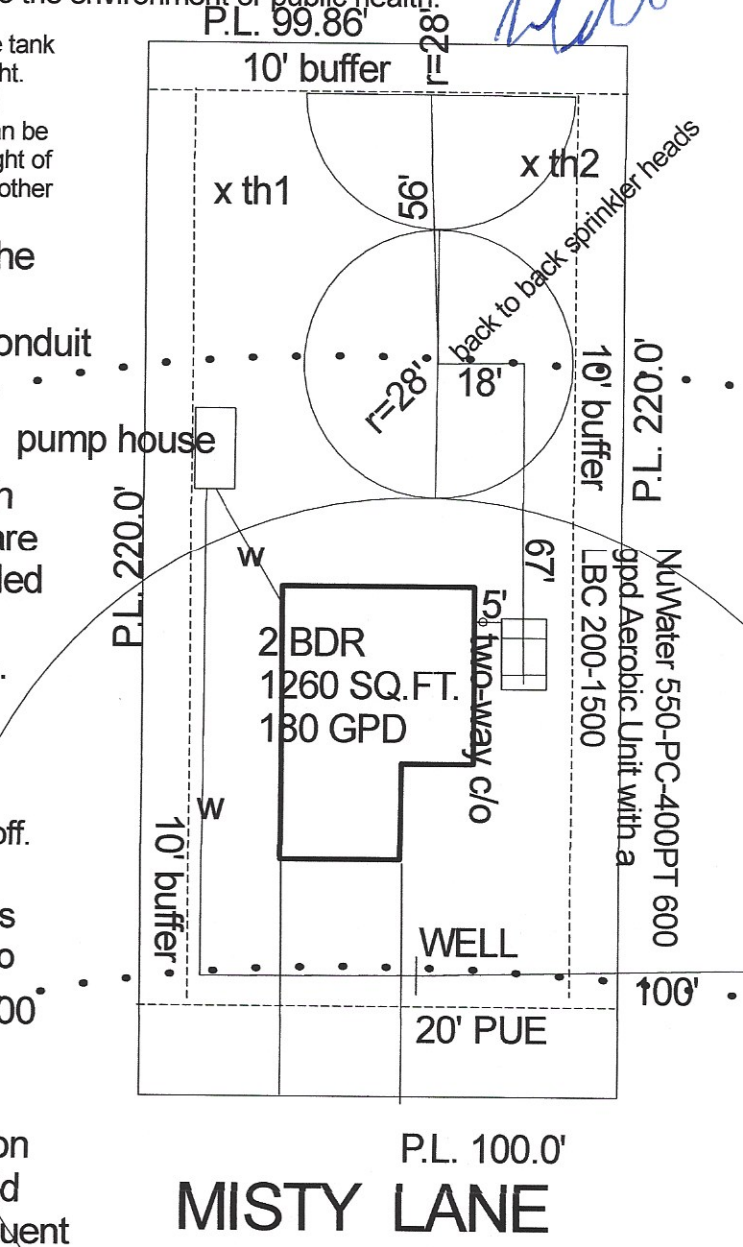
Areas that rock is exposed must be covered with a suitable amount of material. Areas that are bare or have been disturbed must be seeded or sodded with a mixture of rye and bermuda grasses or other grass species prior to system operation.

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

100 yr flood plain does not exist on this tract

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

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



P.L. 100.0'
MISTY LANE

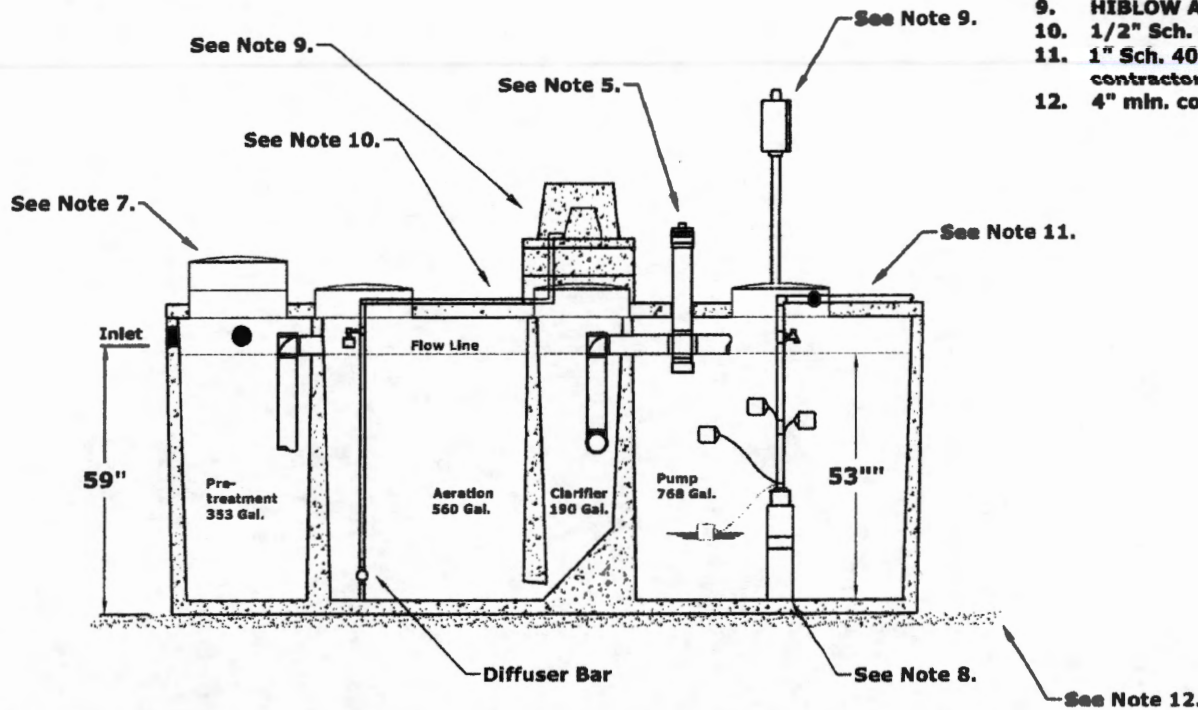
Assembly Details

OSSF

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GENERAL NOTES:

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



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

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

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

Model: B-550-PC-400PT

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

Scale:
 * All Dimensions subject to allowable specification tolerances.

Dwg. #: ADV-B550-3



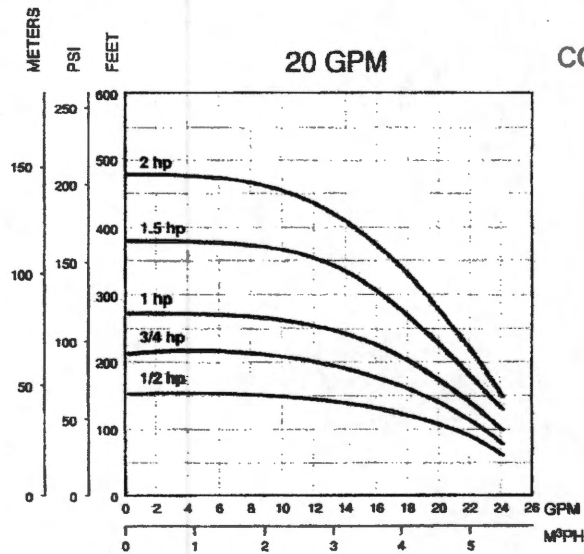
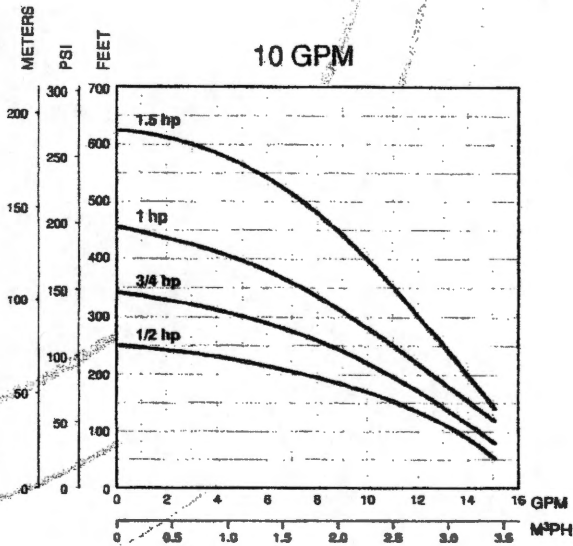
Advantage Wastewater Solutions llc.
 444 A Old Hwy No 9
 Comfort, TX 78013
 830-995-3189
 fax 830-995-4051



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Thermoplastic Performance APR 02 2019

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Thermoplastic Units Ordering Information

1/2 - 1.5 HP Single-Phase Units

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

Thermoplastic 1/2 - 2 HP Pump Ends

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

FPS E series

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R 02 2019

TY ENGINEER

High Head Filtered Effluent Pump

Applications:

- Filtered Effluent Service
- Aeration
- Ornamental Fountains/Waterfalls

Features:

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

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Franklin Electric

PROPLUS™ GEAR DRIVEN SPRINKLER SETTING INSTRUCTIONS

SPRINKLER INSTALLATION

1▶ INSTALL AND BURY

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

2▶ INSPECTING THE FILTER

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

3▶ WINTERIZATION TIPS

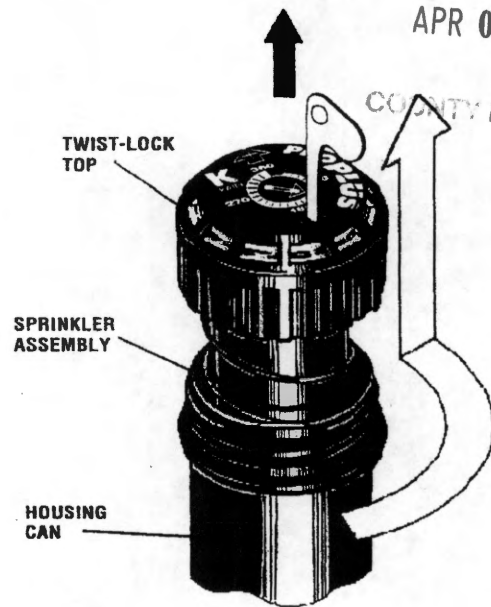
When using an air compressor to remove water from the system please note the following:

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

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STANDARD NOZZLE PERFORMANCE

Nozzle	U.S.			METRIC				
	Pressure PSI	Radius FT	Flow GPM	Pressure KPa	Radius Meters	Flow L/M	Flow MPH	
#2.5 Factory Installed Nozzle	30	38'	2.5	206	2.0	11.6	9.5	.57
	40	39'	2.8	275	3.0	11.9	10.6	.64
	50	40'	3.2	345	3.5	12.2	12.1	.73
	60	41'	3.5	413	4.0	12.5	13.2	.79
#0.5	30	28'	0.7	206	2.0	8.8	2.6	.16
	40	29'	0.8	275	3.0	9.1	3.0	.18
	50	29'	0.9	345	3.5	9.4	3.4	.20
	60	30'	1.0	413	4.0	9.8	3.8	.23
#0.75	30	29'	0.7	206	2.0	8.8	2.6	.16
	40	30'	0.8	275	3.0	9.1	3.0	.18
	50	31'	0.9	345	3.5	9.4	3.4	.20
	60	32'	1.0	413	4.0	9.8	3.8	.23
#1	30	32'	1.1	206	2.0	9.0	4.9	.14
	40	33'	1.5	275	3.0	10.1	5.7	.18
	50	34'	1.6	345	3.5	10.4	6.1	.20
	60	35'	1.8	413	4.0	10.7	6.8	.23
#2	30	37'	2.4	206	2.0	11.3	9.1	.54
	40	40'	2.5	275	3.0	12.2	9.5	.56
	50	42'	3.0	345	3.5	12.8	11.4	.68
	60	43'	3.3	413	4.0	13.1	12.5	.75
#3	30	38'	3.0	206	2.0	11.6	13.6	.75
	40	39'	3.2	275	3.0	11.9	15.9	.95
	50	41'	3.6	345	3.5	12.5	17.4	1.04
	60	42'	4.0	413	4.0	12.8	18.9	1.13
#4	30	43'	4.4	206	2.0	13.1	16.7	.99
	40	44'	5.1	275	3.0	13.4	19.3	1.15
	50	46'	5.6	345	3.5	14.0	21.2	1.27
	60	49'	5.9	413	4.0	14.9	22.3	1.33
#6	40	45'	5.6	206	3.0	13.7	22.3	1.33
	50	46'	6.0	275	3.5	14.0	22.7	1.36
	60	48'	6.7	345	4.0	14.6	23.8	1.43
	70	49'	7.0	413	5.0	14.9	25.4	1.52
#8	40	42'	8.0	206	3.0	12.8	30.3	1.81
	50	45'	8.5	275	3.5	13.7	32.2	1.92
	60	49'	9.5	345	4.0	14.9	36.0	2.15
	70	50'	10.0	413	5.0	15.2	37.9	2.27

LOW ANGLE NOZZLE PERFORMANCE

Nozzle	U.S.			METRIC				
	Pressure PSI	Radius FT	Flow GPM	Pressure KPa	Radius Meters	Flow L/M	Flow MPH	
#1	30	22'	1.2	207	2.0	6.7	4.5	.34
	40	24'	1.7	275	3.0	7.3	6.4	.39
	50	26'	1.8	344	3.5	7.9	6.8	.41
	60	28'	2.0	413	4.0	8.5	7.6	.46
#3	30	29'	1.5	207	2.0	6.8	11.4	.68
	40	32'	1.8	275	3.0	7.3	11.7	.71
	50	35'	2.0	344	3.5	10.7	13.2	.80
	60	37'	2.2	413	4.0	11.3	14.4	.87
#4	30	31'	3.4	207	2.0	9.4	12.9	.78
	40	34'	3.9	275	3.0	10.4	14.8	.89
	50	37'	4.4	344	3.5	11.3	16.7	1.00
	60	38'	4.7	413	4.0	11.6	17.8	1.07
#6	40	38'	6.0	275	3.0	12.2	24.6	1.68
	50	40'	7.0	344	3.5	12.8	27.6	1.86
	60	42'	8.0	413	4.0	13.1	30.3	1.82
	70	44'	8.6	482	5.0	13.4	32.6	1.96

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



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

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PROPLUS™ GEAR DRIVEN SPRINKLER SETTING INSTRUCTIONS

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

CHANGING A NOZZLE

1► REMOVING THE NOZZLE RETENTION SCREW

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

2► PULL UP THE RISER

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

3► REMOVING THE NOZZLE

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

4► INSTALLING A NOZZLE

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

SETTING THE ARC ADJUSTMENT

1► FINDING THE LEFT START POSITION

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

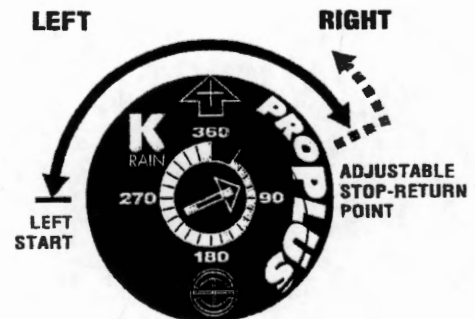
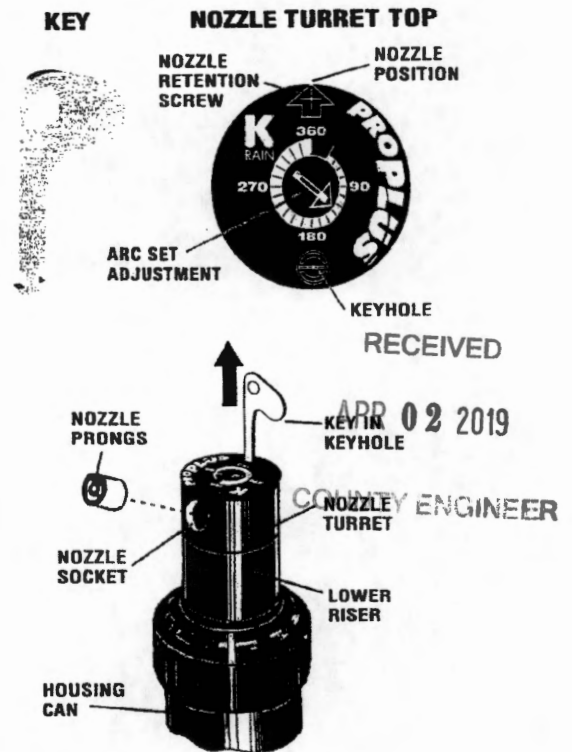
2► ORIENTING THE LEFT START POSITION

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

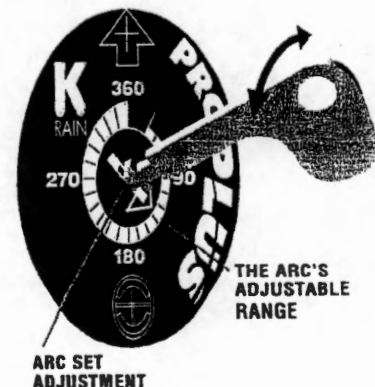
3► CHANGING THE ARC

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

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



**ARC SELECTION:
35° TO 360°**



*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***
APPLICATION FOR PERMIT TO CONSTRUCT AN ON-SITE SEWER TREATMENT AND LICENSE TO OPERATE

VOID

Planning Materials & Site Evaluation as Required Completed By Hoyt Scidante

System Description Aerobic with Spray Distribution

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

Tank Size(s) (Gallons) 600 GPD ATU Absorption/Application Area (Sq Ft) 4923.52

Gallons Per Day (As Per TCEQ Table III) 180

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

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

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

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

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

COUNTY ENGINEER

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

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

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

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

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

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

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

Is this property within an incorporated city? Yes No

If yes, indicate the city: _____

VOID

By signing this application, I certify that:

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

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

Signature of Designer

Hoyt Scidante

Date

4-2-19

Page 2 of 2

4/2/2019
5:35 AM
Aerobic with Spray
Distribution System

ON-SITE SEWAGE FACILITY DESIGN CRITERIA

RECEIVED

APR 02 2019

GLYNN MORRISON
VOID

Property Information:

St. Address: 1211 Misty Lane
City: Spring Branch State: Texas
Zip code: 78070

Home Information

No. of Bedrooms: 2
Sq. footage (Approx.): 1260
Water Supply: PUBLIC

COUNTY ENGINEER

Predicted Quantity of Sewage (Q)

Water Saving Devices in Home (y/n): YES
Gallons/day (Q): 180
Greywater included (yes/no): YES

Supply Line from House

Length of supply line (approx. ft): 5
Type of supply line: SCH 40 PVC
Size of Supply line (in): 3 or 4

Rate of Adsorption (Ra)

Application rate (g/sq. ft): 0.064
Minimum Adsorptive Area (sq. ft.): 2812.5

Supply Line For Spray Irrigation System

Length of supply line (approx. ft): 190
Type of supply line: SCH 40 PVC
Size of supply line (in): 1

Aerobic Unit

Required size of aerobic unit: 360 gpd

Pretreatment Tank (gallons): 353

Class 1 Aerobic Unit: NuWater 550-PC-400PT

Pump tank total capacity (gal): 768

Chlorination: Liquid installed in Tank

Pump Switch operation: Float system

Dosing cycle quantity (gals): Varied

Cycling time: night time

Pump size and capacity: Franklin E-Series 20 GPM

Disposal Area per this System

$\pi (28)^2/2 = 1230.88$

$\pi (28)^2/2 = 1230.88$

$\pi (28)^2/2 = 1230.88$

$\pi (28)^2/2 = 1230.88$

Total irrigated area (sq. ft.): 4923.52

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

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

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

4-2-19
Date

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



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

4/2/2019
5:35 AM
Aerobic with Spray
Distribution System

ON-SITE SEWAGE FACILITY DESIGN CRITERIA

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VOID

Head Pressure

Elevation Head:	<u>4</u>
Pressure Head:	<u>92</u>
Friction Head:	<u>7.6</u>
Total head:	<u>103.6</u>

SPRINKLER HEAD INFORMATION

K-Rain sprinkler head PROPLUS, low angle nozzle	No. 3 @40psi	GPM:	<u>3.1</u>
	Number of sprinkler heads:		<u>4</u>
	Gallons per minute:		<u>12.4</u>

COUNTY ENGINEER

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

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

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

VOID

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

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

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

Hoyt Seidensticker, R.S. No. 3588

4-2-19

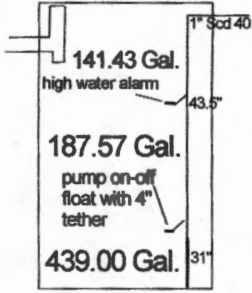
Date

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

Cell (210) 414-6603,



Scale 1"=40'



Site Map Aerobic with Spray Distribution System Guy Morrison Lot: 44 **VOID** Rivermont Subdivision Unit 3 1211 Misty Lane Spring Branch, Texas 78070 Comal County

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COUNTY ENGINEER

4-1-19

Hoyt Seidensticker

I hereby request a variance to the 20 foot setback to property lines as required by Comal County Order to a 10' setback to property lines as required by TCEQ, Chapter 285 and equivalent protection will be maintained by adding a battery backup to the timer clock or photo cell activated timer to assure sprayers to only spray during the predawn hours. In my professional opinion this variance will not pose a threat to the environment or public health.

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

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

All external electrical lines must be in gray conduit

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

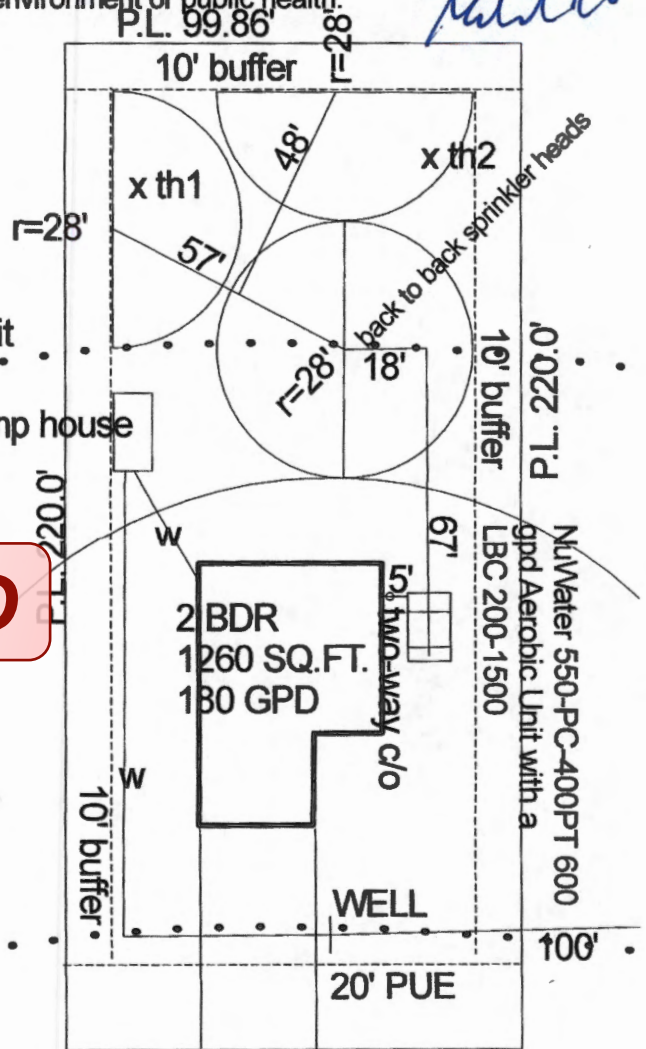
Land acceptable for surface application shall have a flat terrain (less than to equal to 15% slope). Sloped land (with greater than 15% slope) may be acceptable if it is properly landscaped and terraced to minimize runoff.

100 yr flood plain does not exist on this tract

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

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

VOID



P.L. 100.0'
MISTY LANE

FILED BY ATC
SPRING BRANCH

GF# 4000131800807-VJB

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COUNTY ENGINEER

Notice of confidentiality rights: If you are a natural person, you may remove or strike any or all of the following information from any instrument that transfers an interest in real property before it is filed for record in the public records: your Social Security number or your driver's license number.

General Warranty Deed

THE STATE OF TEXAS §

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF COMAL §

Executed on date of acknowledgement to be Effective on: October 30, 2018.

Grantor: **Martin C. Garcia and spouse, Maria V. Garcia**

Grantor's Mailing Address: P.O. Box 882, Hilmar, Merced County, California 95324

Grantee: **Guy J. Morrison and Beverly B. Morrison**

Grantee's Mailing Address: 205 Sattler Road, Spring Branch, Comal County, Texas 78070

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

Property (including any improvements): **Lot 44, Block 13, Rivermont, Unit No. 3**, a subdivision in Comal County, Texas, according to plat thereof recorded in Volume 5, Pages 67-76, Map and Plat Records, Comal County, Texas.

Reservations from Conveyance: None.

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

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

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

Martin C. Garcia

Martin C. Garcia

Maria V. Garcia

Maria V. Garcia

RECEIVED

APR 02 2019

COUNTY ENGINEER

THE STATE OF _____ *
COUNTY OF _____ *

This instrument was acknowledged before me on this the _____ day of _____, 2018, by Martin C. Garcia.

Notary Public, State of _____

THE STATE OF _____ *
COUNTY OF _____ *

This instrument was acknowledged before me on this the _____ day of _____, 2018, by Maria V. Garcia.

Notary Public, State of _____

Please see attached acknowledgement

AFTER RECORDING RETURN TO:
ALAMO TITLE COMPANY
OF No. 4000131800807

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

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

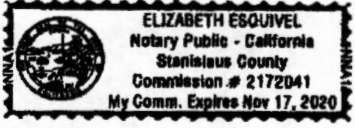
State of California)
County of STANISLAUS)
On 10/30/2018 before me, Elizabeth Esquivel, notary public
Date Here Insert Name and Title of the Officer
personally appeared Martin C. Garcia and Maria V. Garcia
Name(s) of Signer(s)

RECEIVED
APR 02 2019
COUNT ENGINEER

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Handwritten Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document
Title or Type of Document: General Warranty Deed Document Date: 10/30/18
Number of Pages: 2 Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)
Signer's Name:
[] Corporate Officer - Title(s):
[] Partner - [] Limited [] General
[] Individual [] Attorney in Fact
[] Trustee [] Guardian or Conservator
[] Other:
Signer Is Representing:

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
11/01/2018 11:50:06 AM
LAURA 3 Pages(s)
201806042614



Bobbie Koepf

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Beverly Morrison
1211 Misty Lane
Spring Branch, TX 78070

Printed:11/18/2021
Site: 1211 Misty Lane
Spring Branch, TX 78070
(210) 394-9367

Permit #: _____ Customer ID: 3902
Agency: Comal County Contract Dates: -
County: _____ Scheduled Date: _____
Mfg / Brand: -

Service Type: Initial Inspection

Visit Date: 11/17/2021

Entered By: _

Method: Grab

Technician: Michale Albers

Maint. Provider: Ryan Seidensticker

Aerators: Operational

Sludge Levels

Filters: Operational

For Tank 1: 3

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .1

Tank Lid / Riser: Secured

Sprinkler Drip Backwash: Good

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.

System fully operational.
Good to go for contract.

Scum = 0

Owner signature: _____

Insp ID #:13058

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Beverly Morrison
1211 Misty Lane
Spring Branch, TX 78070

Printed:3/14/2022
Site: 1211 Misty Lane
Spring Branch, TX 78070
(210) 394-9367

Permit #: **108951**

Agency: Comal County

County:

Mfg / Brand: - NUWATER

Treatment Type: Aerobic

Disposal: Surface Application

Customer ID: 3902

Contract Dates: 11/19/2021 - 11/19/2023

Scheduled Date: 3/19/2022

Inspection 1 of 6

GPS Coordinates - Latitude: 29.862326 Longitude: -98.455652

Service Type: Scheduled Inspection

Visit Date: 3/14/2022

Method: Grab

Technician: Not Assigned

Maint. Provider: Ryan Seidensticker

This counts as a type of "Scheduled Inspection"

Entered By: _

Copy emailed to Customer

Customer Emailed: 3/14/2022

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .9

Sludge Levels

For Tank 1: 12

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Alarm: Operational

Comments

Service Completed

Scum on pretreatment 1" - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Copy emailed to the customer on 3/14/2022.

Insp ID #:16146

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

To: Beverly Morrison
1211 Misty Lane
Spring Branch, TX 78070

Printed: 7/22/2022
Site: 1211 Misty Lane
Spring Branch, TX 78070
(210) 394-9367

Permit #: **108951**

Agency: Comal County

County:

Mfg / Brand: - NUWATER

Treatment Type: Aerobic

Disposal: Surface Application

Customer ID: 3902

Contract Dates: 11/19/2021 - 11/19/2023

Scheduled Date: 7/19/2022

Inspection 2 of 6

GPS Coordinates - Latitude: 29.862326 Longitude: -98.455652

Service Type: Scheduled Inspection

Visit Date: 7/22/2022

Method: Grab

Technician: Not Assigned

Maint. Provider: Ryan Seidensticker

This counts as a type of "Scheduled Inspection"

Entered By: _

Copy emailed to Customer

Customer Emailed: 7/22/2022

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .12

Sludge Levels

For Tank 1: 8

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Alarm: Operational

Comments

Service Completed

Scum on pretreatment 0" - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Copy emailed to the customer on 7/22/2022.

Insp ID #:19665

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

Printed: 11/16/2022 Insp ID #: 22963

Permit #: **108951**

To: Beverly Morrison
1211 Misty Lane
Spring Branch, TX 78070

Main Phone: (210) 394-9367
Work:
Cell Phone:
Alt Cell:

Customer ID: 3902

Contract Dates: 11/19/2021 - 11/19/2023

Scheduled Date: 11/19/2022

Inspection 3 of 6

Agency: Comal County
County:

Mfg / Brand: - NUWATER

Treatment Type: Aerobic

Disposal: Surface Application

GPS Coordinates: Latitude: 29.862326 Longitude: -98.455652

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Entered By: Nicole Loria

Visit Date: 11/15/2022

Copy emailed to Customer

Customer Emailed: 11/16/2022

Method: Grab

Technician: Not Assigned

Maint. Provider: Ryan Seidensticker

Aerators: Operational

Sludge Levels

Filters: Operational

For Tank 1: 12

Irrigation Pumps: Operational

For Tank 2: N/A

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .88

Electric Circuits: Operational

Tank Lid / Riser: Secured

Distribution System: Operational

Insp. Port / Plug: Secured

Sprayfield Veg: Operational

Alarm: Operational

Comments

Service Completed

- Scum on pretreatment 0 - Red switch secure - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving. - Copy emailed to the customer on 11/16/2022.

Site: 1211 Misty Lane, Spring Branch, TX 78070

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires:



WASTEWATER TREATMENT SYSTEM MAINTENANCE CONTRACT

Customer

Beverly Morrison

Residential



Initial Contract



Site Address

1211 Misty Lane, Spring Branch, TX 78070

Agency

Comal County

Email

morrh@gmail.com

Phone

(210) 394-9367

Permit Number

108951

System Details

Treatment: Aerobic Surface Application Liquid Bleach / System: Block Creek Concrete Products, Inc. NUWATER 600 Max GPD

AGREEMENT

I. General:

This work for hire agreement (hereinafter referred to as "Agreement") is entered into by and between the Client and Luna Environmental, LLC (hereinafter referred to as "Contractor"), located at 4222 FM 482 New Braunfels, Texas 78132. By this agreement, Contractor agrees to render services, as described herein, and Client agrees to fulfill his/her/their responsibilities under the agreement as described herein.

II. Dates & Fees:

This agreement provides maintenance from **12/14/2023** to **12/14/2024** for a total fee of **\$295.00**

III. Services by Contractor:

1. Inspect and perform routine maintenance on the On-Site Sewage Facility ("OSSF") in compliance with code, regulations, and/or rules of the Texas Commission on Environmental Quality ("TCEQ") and county in which the OSSF is located and the manufacturer's requirements, at a frequency of approximately once every four (4) months.
2. Inspection, adjustment, and servicing of the mechanical, electrical, and other components to ensure proper functioning. This includes inspecting control panels, air pumps, air filters, diffusers, floats, and spray heads.
3. Effluent Inspection will include the following: effluent quality (color, turbidity, overflow, and odor), testing effluent chlorine and pH levels, when necessary, alarm function, filters, operation of effluent pump and chlorinator. Unless otherwise agreed to, Contractor does not provide chlorine. BOD and TSS annually on commercial accounts, additional charges apply.
4. Notify Client of any repairs needed to keep OSSF in proper working condition and up to regulatory standards. Items under warranty may be repaired while the technician is on-site. Additional charges may apply for labor and service calls. Repair quotes of non-warranty items must be approved by Client before work is performed.
5. Report to the appropriate regulatory authority and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory authority within 14 days.
6. Visit site within 48 hours of a service request.
7. Provide Customer Support line at 855-560-9909.

IV. Client Responsibilities:

1. Maintain Chlorinator and proper chlorine supply, unless otherwise specified.
2. Provide all necessary lawn or yard maintenance and remove all obstructions, including dogs and other animals as needed to allow the OSSF to function properly and the Contractor easy and safe access to all parts of
3. Immediately notify Contractor of any alarms or system problems.
4. Have tanks pumped out as directed by manufacturer, typically every 3 years.
5. Be available by text, phone, or in person when the Contractor is on site in case of required repair approvals or questions.
6. Maintain site drainage to prevent adverse effects on OSSF.
7. Promptly pay Contractor's bills, fees, and invoices in full.

V. Access By Contractor:

Access By Contractor: The contractor or anyone authorized by the contractor may enter the property at reasonable times without prior notice for the purpose of repairs and services described herein.

VI. Termination of This Agreement:

Either party may terminate this agreement with 30 days' written notice in the event of the other party's substantive failure to perform in accordance with this agreement without fault of the terminating party. Is this agreement is terminated, the Contractor will notify the appropriate regulatory authority.

VII. Limitation of Liability:

In no event shall the Contractor be liable for indirect, consequential, incidental, or punitive damages, whether in contract, tort, or any other theory of liability. In no event shall the Contractor's liability for the direct damages exceed payments by the Client under this agreement.

VIII. Payment Terms:

The fee for this agreement only covers the services described herein. This fee does not cover equipment or labor for non-warranty repairs, labor for warranty repairs, or service charges resulting from unscheduled, Client requested trips to the Client's OSSF. Payments not received within 30 days from the date of invoicing will be subject to a \$30.00 late penalty and or a 1.5% monthly carrying charge, whichever is greater. By signing this contract, the Client authorizes the Contractor to remove any parts which were installed but not paid for at the end of 30 days. The Client is still responsible for any labor costs associated with the installation and removal of said parts. All invoices are due upon receipt by Client.

IX. Severability:

If any provision of this agreement shall be held to be invalid or unenforceable for any reason the remaining provisions shall continue to be held valid and enforceable. If a court finds that any provision of this agreement is invalid or unenforceable, 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.

Beverly Morrison

Luna Environmental / Ryan Seidensticker

DocuSigned by: Customer Name

Maintenance Provider Name

Beverly Morrison

Ryan Seidensticker

License # MP0001708

EB0BB3C7AF1340A...

Customer Signature

Maintenance Provider Signature

Additional Comments / Special Terms

PS Septic Supply & Service
23011 FM 306
Canyon Lake, TX 78133

Phone: (830) 850-0080
Fax: (830) 935-4932

Printed:3/27/2023 Insp ID #:26868

Permit #: **108951**

To: Beverly Morrison
1211 Misty Lane
Spring Branch, TX 78070

Main Phone: (210) 394-9367
Work:
Cell Phone:
Alt Cell:

Customer ID: 3902

Contract Dates: 11/19/2021 - 11/19/2023

Scheduled Date: 3/19/2023

Inspection 4 of 6

Agency: Comal County

County: Comal County

Sub: Rivermont

Mfg / Brand: - NUWATER

Treatment Type: Aerobic

Disposal: Surface Application

GPS Coordinates: Latitude: 29.862326 Longitude: -98.455652

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"
Entered By: Julie Feibelman

Visit Date: 3/24/2023

Method: Grab

Technician: Fabian Young

Maint. Provider: Ryan Seidensticker

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.36

Sludge Levels

For Tank 1: 12

For Tank 2: NA

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Alarm: Operational

Comments

Service Completed

- Scum on pretreatment-0 - Technician Secured the Tank Lid and/or Riser prior to leaving location. - Inspection Port Plug was noted as Secured prior to leaving.

Site: 1211 Misty Lane, Spring Branch, TX 78070

Provider: *Christopher Ryan Seidensticker*
PS Septic Supply & Service

License Info: MP0001708 Expires: