TEXAS REALTORS

INFORMATION ABOUT ON-SITE SEWER FACILITY

CONCERNING THE PROPERTY AT 502 County Road 127, Wharton, TX 77488

A. DESCRIPTION OF ON-SITE SEWER FACILITY ON PROPERTY:

(1) Type of Treatment System: ☐ Septic Tank ☑ Aerobic Treatment ☐ Unknown
☐ OSSF

(2) Type of Distribution System: OSSF ☐ Unknown

(3) Approximate Location of Drain Field or Distribution System: Back Left of the house ☐ Unknown

(4) Installer: CSW Septic Services ☐ Unknown

(5) Approximate Age: 4 months ☐ Unknown

B. MAINTENANCE INFORMATION:

(1) Is Seller aware of any maintenance contract in effect for the on-site sewer facility? ☐ Yes ☑ No
If yes, name of maintenance contractor: CWS Septic
Phone: 979-532-5411 contract expiration date: 2 years
(Maintenance contracts must be in effect to operate aerobic treatment and certain non-standard" on-site sewer facilities.)

(2) Approximate date any tanks were last pumped? _____

(3) Is Seller aware of any defect or malfunction in the on-site sewer facility? ☐ Yes ☑ No
If yes, explain: _____

(4) Does Seller have manufacturer or warranty information available for review? ☑ Yes ☐ No

C. PLANNING MATERIALS, PERMITS, AND CONTRACTS:

(1) The following items concerning the on-site sewer facility are attached:
☑ planning materials ☐ permit for original installation ☐ final inspection when OSSF was installed
☐ maintenance contract ☐ manufacturer information ☐ warranty information ☐ n/a

(2) "Planning materials" are the supporting materials that describe the on-site sewer facility that are submitted to the permitting authority in order to obtain a permit to install the on-site sewer facility.

(3) **It may be necessary for a buyer to have the permit to operate an on-site sewer facility transferred to the buyer.**

D. INFORMATION FROM GOVERNMENTAL AGENCIES: Pamphlets describing on-site sewer facilities are available from the Texas Agricultural Extension Service. Information in the following table was obtained from Texas Commission on Environmental Quality (TCEQ) on 10/24/2002. The table estimates daily wastewater usage rates. Actual water usage data or other methods for calculating may be used if accurate and acceptable to TCEQ.

Facility	Usage (gal/day) without water-saving devices	Usage (gal/day) with water-saving devices
Single family dwelling (1–2 bedrooms; less than 1,500 sf)	225	180
Single family dwelling (3 bedrooms; less than 2,500 sf)	300	240
Single family dwelling (4 bedrooms; less than 3,500 sf)	375	300
Single family dwelling (5 bedrooms; less than 4,500 sf)	450	360
Single family dwelling (6 bedrooms; less than 5,500 sf)	525	420
Mobile home, condo, or townhouse (1-2 bedroom)	225	180
Mobile home, condo, or townhouse (each add'l bedroom)	75	60

This document is not a substitute for any inspections or warranties. This document was completed to the best of Seller's knowledge and belief on the date signed. Seller and real estate agents are not experts about on-site sewer facilities. Buyer is encouraged to have the on-site sewer facility inspected by an inspector of Buyer's choice.

Aaron Ward dotloop verified 10/24/23 3:01 PM CDT DOY5-LQV3-MJ1U-PPQ9

Signature of Seller Date

Signature of Seller Date

Receipt acknowledged by:

Signature of Buyer Date

Signature of Buyer Date

WHARTON COUNTY
PERMIT & INSPECTION DEPARTMENT

315 E MILAM ST, STE 102
WHARTON, TEXAS 77488
PHONE: (979) 532-8587 FAX: (979) 532-8947

NOTICE OF APPROVAL OF AN ON-SITE SEWAGE FACILITY IN WHARTON COUNTY, TEXAS

PERMIT NUMBER 4394 **DATE ISSUED** 6-5-23

PROPERTY OWNER Bladi LLC

PROPERTY LOCATION 502 CR 127

DESIGNED FOR 240 **GALLONS PER DAY**

TYPE

_____ SURFACE APPLICATION

_____ LOW PRESSURE DOSING

_____ PUMPED EFFLUENT

_____ STANDARD

✓ OTHER drip

DRAINFIELD

_____ SQUARE FEET (SURFACE APPLICATION)

500' TOTAL TRENCH LENGTH

_____ TRENCH WIDTH

SEPTIC TANK

_____ GALLON CAPACITY 600 GPD (AEROBIC)

NO IMPLIED OR FUNCTIONAL WARRANTY EXISTS ON THE PART OF WHARTON COUNTY OR ITS EMPLOYEES FOR THIS ON-SITE SEWAGE FACILITY DUE TO UNFORSEEN VARIABLES WHICH MAY AFFECT OR IMPAIR SYSTEM OPERATION. ANY MODIFICATIONS TO THE STRUCTURE OR SYSTEM COMPONENTS MAY REQUIRE A NEW PERMIT.

INSPECTED BY: _____ **LICENSE #** 058029

Field COPY

WHARTON COUNTY
PERMIT & INSPECTION DEPARTMENT

AUTHORIZATION TO CONSTRUCT AN ON-SITE SEWAGE SYSTEM

NUMBER 4394

PROPERTY OWNER Bladi LLC

PROPERTY LOCATION 502 CR 127

STRUCTURE SERVED 3 bdrm <2500 sf mwd

This serves to notify all persons that a complete on-site sewage system application package and the appropriate fees have been received by Wharton County Permit & Inspection Department from the property owner or installer. The application package has been reviewed for consideration against the standards set forth by the TCEQ. Approval is hereby granted for the construction. Any modifications considered after this Authorization is issued require approval by the Wharton County Permit & Inspection Department prior to installation.

THIS AUTHORIZATION IS VALID FOR ONE YEAR. FEES ARE NON-REFUNDABLE.

CONTACT WHARTON COUNTY PERMIT & INSPECTION DEPT., AT 979/532-8587, TWO (2) WORKING DAYS PRIOR TO COMPLETION TO ARRANGE THE REQUIRED INSPECTION. INSPECTION TIMES ARE MONDAY THRU THURSDAY 8:00 A.M. THRU 3:30 P.M., AND FRIDAY 8:00 A.M. THRU 11:30 A.M. BY PRIOR APPOINTMENT ONLY.

GPD: 240

TYPE SYSTEM TO BE INSTALLED:

_____ SURFACE APPLICATION _____ LOW PRESSURE DOSING

_____ PUMPED EFFLUENT _____ STANDARD

✓ OTHER drip

SEPTIC TANK CAPACITY: _____ GALLONS 600 GPD (AEROBIC)

TOTAL LENGTH OF DRAINFIELD: 500 FT. **TRENCH WIDTH:** _____

TRENCH DEPTH: _____ **GRAVEL DEPTH:** _____

SURFACE APPLICATION: _____ SQ. FT.

OTHER: _____

[signature]	058029	1-31-23
Reviewed by	license #	Date

Doc ID: 005126630002 Type: OFF
Kind: AFFIDAVIT
Filed: 01/26/2023 at 09:18:18 AM
Fee Amt: $26.00 Page 1 of 2
Wharton, TX
Barbara Svatek County Clerk
File# 2023-00000425
BK 1295 PG 911-912

THE COUNTY OF WHARTON
STATE OF TEXAS

AFFIDAVIT

According to Texas Commission on Environmental Quality Rules for On-Site Sewage Facilities (OSSFs), this document is filed in the Deed Records of Wharton 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 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 any presentation 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):
Turtle Creek Village Sec 1 Lot 8 Acres: 0.3306

The property is owned by: Bladi LLC
Printed name(s)

This OSSF shall be covered by a continuous maintenance policy for the first two years. After the initial two year service policy, the owner of an aerobic treatment system shall obtain a maintenance contract within 30 days of expiration of said policy. 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 Wharton County Permit & Inspection Dept.

WITNESS MY/OUR HAND(S) ON THIS 10 DAY OF November, 2022.

Erik Baldinferes

Owner(s) signature(s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 10 DAY OF November, 2022

Linda Garza

Notary Public, State of Texas
Notary's Printed Name: Linda Garza
My Commission Expires: 6-3-25

LINDA GARZA
Notary Public, State of Texas
Comm. Expires 06-03-2025
Notary ID 125321338

1/28/11

✓ CWS

2023-00000425

STATE OF TEXAS COUNTY OF WHARTON
I, hereby certify that this document was filed on the date and time stamped and was recorded on 01/26/2023 9:18 AM

Barbara Svatek

COUNTY CLERK, Wharton County, Texas
By: _____ Deputy

WHARTON COUNTY PERMIT & INSPECTION DEPARTMENT

APPLICATION FOR ON-SITE SEWAGE SYSTEM PERMIT

RECEIPT # _____ **ISSUED** _____ **PERMIT #** _____ **ISSUED** _____

APPLICANT'S NAME Bladi LLC

MAILING ADDRESS 25227 Grogans Mill Rd Suite 220
(number and street or P.O. box)

The Woodlands, Texas 77380
(city) (zip)

281-541-5661
(home phone) (work phone)

PROPERTY DESCRIPTION
PHYSICAL ADDRESS 502 SR127 TURTLE CREEK

LEGAL DESCRIPTION Lot 8 Turtle Creek Village Sec 1 ACRES: 0.3304
(include lot size and/or acreage)

WATER SUPPLY
IF PUBLIC WATER SUPPLY Turtle Creek Homes Assn
(name of water system)

IF PRIVATE WELL ( ) existing ( ) proposed CASING CEMENTED ( ) yes ( ) no

FACILITY INFORMATION
(✓) NEW ( ) EXISTING (✓) RESIDENTIAL (✓) SINGLE FAMILY ( ) MULTI FAMILY

<2500 sq.ft. of structure 3 number of bedrooms water saving devices? ✓ yes ___ no

( ) COMMERCIAL _____ _____
(type of business) (# of persons served)

DESIGNED FOR 240 GALLONS PER DAY

TYPE OF SYSTEM TO BE INSTALLED
( ) SURFACE APPLICATION ( ) PUMPED EFFLUENT
( ) LOW PRESSURE DOSING ( ) STANDARD
(✓) OTHER DRIP

SITE EVALUATOR CLAYTON MAYFIELD, # 01026, 361-645-4510
(name, license #, and phone #)

SYSTEM DESIGNER CLAYTON MAYFIELD, # 3567, 361-645-4510
(name, license #, and phone #)

SYSTEM INSTALLER COLE W Slaughter, # 0500028424, 979-532-5411
(name, license #, and phone #)

AUTHORIZATION IS HEREBY GIVEN TO WHARTON COUNTY, TEXAS AND TO ITS AGENTS, OR DESIGNEES, SINGULARLY OR JOINTLY TO ENTER UPON THE ABOVE DESCRIBED PROPERTY DURING DAYLIGHT HOURS FOR THE PURPOSE OF INSPECTION OF SEWAGE FACILITIES.

_____ 11-10-22
(signature of property owner) (date)

1/28/11

CWS Septic Services

New Install Maintenance Contract

This Service Policy (Agreement) entered into this _____day of _____, _____, by and between Bladi LLC (Owner) and CWS SEPTIC SERVICES. CWS agrees to inspect and maintain the aerobic system located at 502 Ce 127 Wharton Permit#_____ for the period of 2 years from the above date.

This contract will provide for all required inspections, testing and routine service of your aerobic treatment system. The policy will include the following.

1. **Three service inspections a year (at least one every four months), service inspection will include all applicable component parts to ensure proper function of the aerobic unit. Any component found not functioning correctly will be repaired or replaced.**

2. **An effluent quality inspection consisting of a visual check for color, turbidity, scum overflow and examination for odors. A test for chlorine residual and ph will be taken and reported as necessary.**

3. **Any additional visits, inspection or sample collections required by the TCEQ (Texas Commission on Environmental Quality) permitting authority will be covered by this policy.**

If any improper operation is observed, which cannot be corrected at the time of the service visit, you will be notified immediately in writing of the condition and estimated date of correction. Response to unscheduled maintenance or repairs will be accomplished within 72 hours after we received notification of problem.

Maintaining the chlorine correctly is the homeowner (customer) responsibility. The chlorine tube must contain chlorine at proper operating condition at all times if the service representative finds improper or no chlorine at the of routine service call, the representative will correct and add chlorine and you will be charged accordingly.

The Homeowners manual must be strictly followed, or warranties are subject to invalidation. Pumping of sludge build-up for any reason except warranted mechanical failure, are not covered by this policy and will be an additional charge. Additional services, replacement of out-of-warranty parts and other services offered by installer/representative can be done with written notice for any additional charge.

IMPORTANT: Warranty Void if failure to maintain electrical power to the system; sewage flow exceeding the hydraulic/organic design capabilities; disposal of non-biodegradable materials, chemicals, solvents, grease, oil, paint, etc; or any usage contrary to the requirements listed in the owner's manual or as advised by the authorized service representative.

OWNER

Name: Bladi LLC

Address: 25227 Grogans Mill Rd Suite 220

City: The Woodlands

State/Zip: Tx, 77380

Phone: 281-541-5661

Signature of Owner

SERVICE PROVIDER

CWS Septic Services
190 Lakeview Rd #3
El Campo, Tx 77437
979-541-7494
MP #0001314

Cole Slaughter
Signature of Maintenance Provider

WHARTON COUNTY
PERMIT & INSPECTION DEPARTMENT

NOTICE TO OWNER/OPERATOR OF AN AEROBIC TREATMENT UNIT

Chapter 285.7 of the TCEQ regulations requires a maintenance contract for an on-site sewage facility utilizing an aerobic treatment unit. A copy of the signed maintenance contract between the property owner and the approved maintenance company shall be provided to the permitting authority (Wharton County). The initial maintenance contract must be valid for a minimum of two years.

After the initial two-year contract, on-going maintenance is required by either a licensed maintenance provider or a homeowner who has met the requirements to perform maintenance on their own system. The maintenance contract after the initial two-year period is not required to be with the original maintenance provider. **The owner of each aerobic unit shall 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 expiration of the previous contract or submit a contract agreement with Wharton County showing the homeowner will be performing maintenance on their own unit.** If the property owner or maintenance provider desires to discontinue the provisions of the maintenance contract, the maintenance provider shall notify, in writing, the permitting authority at least 30 days prior to the date service will cease. If a maintenance provider discontinues business, the property owner shall within 30 days of the termination date, contract with another approved maintenance provider and provide the permitting authority with a copy of the newly signed maintenance contract.

I understand that as the property owner of an OSSF system consisting of an aerobic treatment unit I am required to have in force an on-going maintenance contract for the life of my system. Should I fail to have a contract in place, I am aware I am in violation of the Order Adopting Rules of Wharton County, Texas for On-Site Sewage Facilities, Health and Safety Code 341.014, 366.0515 and Texas Administrative Code, 30 TAC 285.7. Failure to have a current maintenance contract in effect will cause the permit issued for said system to be considered void and a complaint to be issued in the Justice of the Peace Court.

Erik Bladinieres
Printed name

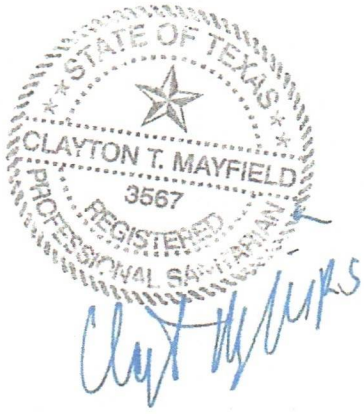
Property owner signature

11-10-22
Date

IMPORTANT NOTICE – READ BEFORE SIGNING

ON-SITE SEWAGE FACILITY DESIGN

PREPARED FOR:
Bladi LLC
502 CR 127
Wharton TX 77488
Lot 8
Turtle Creek Village
Section 1
.3306 Acres



DESIGNED BY:
Clayton Mayfield
Professional Sanitarian
6567 W, F.M. 884
Goliad TX 77963

November 18, 2022

Client: Bladi LLC

A. Wastewater Load:

The OSSF will serve a three-bedroom home, less than 2,500 sq ft living area, with water saving devices. Wastewater load is 240 gallons per day.

B. Topography & Flood Zone:

Slope = Less than 2%
Flood Zone X

C. Treatment and Filtration System:

600 GPD Nu Water ATU or equivalent
447 Trash Tank
600 Gallon ATU
771 Gallon Pump Tank equipped with a micro dosing timer to run for 19 minutes on and 221 minutes off (3 hours and 41 minutes) or 19 minutes X 2.2 gpm = 41.8 gallons per dose X 6 doses = 251 gallons a day **(It is recommended to dose 6 times a day)**

D. Chlorinator:

Disinfection is not required.

E. Effluent Disposal:

The effluent will be disposed of by Wasteflow Pressure Compensating 16-2-24 at .53 gph with at 25 psi. (WFPC 16-2-24)

1) Allowable Effluent Loading Rate Class II Soil
R = .25 gallon per square foot a day

2) Minimum Required Surface Area
(240 GPD / .25 Gal/SF) = 960 SF
960 SF / 2' spacing = 480 Linear Feet Oversize to 500 Linear Feet
500 LF / 2' between emitters = 250 emitters
250 emitters @ 25 psi will emit .53 gallons per hour or 250 X .53 GPH = 133 GPH
133 GPH / 60 min/hour = 2.2 GPM

3) Surface Area Supplied
Utilizing the lay out of the drain field as shown on the attached drawing 1,000 square feet of disposal area is achieved.

F. Pump Requirements:

Working Pressure: 25 psi
Flowrate: 2.2 GPM
Use a demand pump hydromatic ½ horsepower, 2.2 gpm @ 25 psi or equivalent

G. Filter Size:

100 micro filter

Client: Bladi LLC

H. Pump Tank:

1) Dosing Volume: Dosing volume shall be on for 19 minutes and off for 221 minutes.

2) Pump Tank Volume: The pump tank should be designed such that the total reserve capacity is at least 1/3 of the wastewater load: 240 / 3 = 80 gallons of reserve capacity plus one day storage between the pump on and the high water alarm.

Reserve Capacity: 80 Gallons
One Day Storage Capacity : 240 Gallons
Required Total: 320 Gallons

I. Vegetation:

As soon as construction will allow, the surface application area shall be covered with grasses, evergreen shrubs, bushes, or trees. Plants intended for human consumption shall not be grown within the disposal area. All vegetation grown inside the disposal area shall be properly maintained to prevent sprinkler head interference. The homeowner is responsible for providing and maintaining the vegetation in the disposal area.

J. Notes and Additional Specification Requirements:

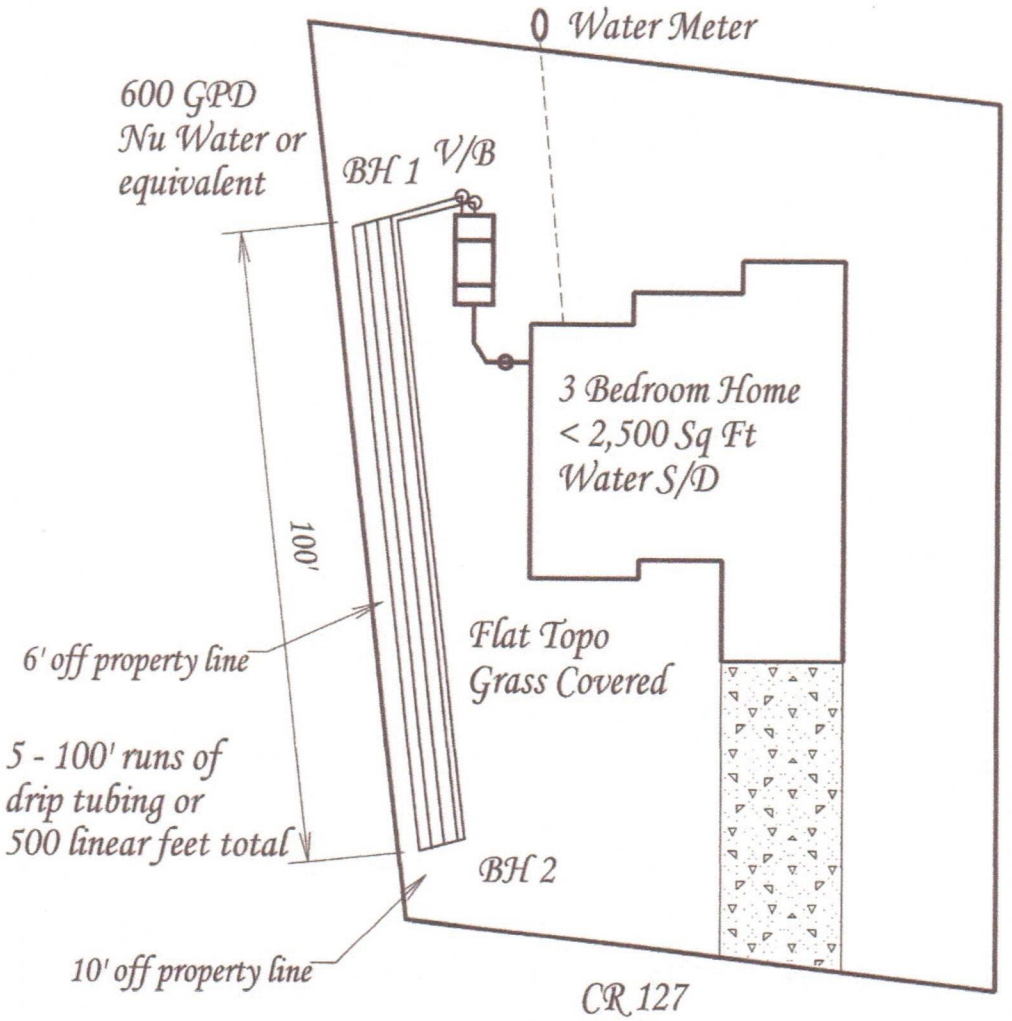
If discrepancies exist between the design and actual size conditions the installer shall notify the designer and the local permitting authority prior to construction. Construction materials and methods shall be pursuant to county and state rules/policies, unless specifically noted on this design and approved by the local permitting authority.

Additional Notes:

1) Water Softener must not drain into aerobic treatment chamber.
2) No surface improvements such as buildings, sidewalks, driveways, patios, etc. shall be constructed on the disposal area.
3) Grease, cigarette butts, personal hygiene products, and other trash shall be disposed of in the garbage.
4) It is the installer's responsibility to review the design criteria prior to construction.
5) The site shall be finish graded for positive drainage, and or adequate drainage structures shall be constructed if needed prior to system installation.
6) Any warranties of the products installed are those made by the manufacturer. The permit holder assumes full responsibility of the system following final inspection approval by the licensing authority.
7) **A maintenance contract is to remain in effect for the life of the system.**

Bladi LLC
502 CR 127
Wharton TX 77488
Lot 8
Turtle Creek Village
Section 1
.3306 Acres
Scale 1" = 30'
Flood Zone X

STATE OF TEXAS
CLAYTON T. MAYFIELD
3567
REGISTERED
PROFESSIONAL SANITARIAN



Environmental Health Division
On-Site Sewage Facility Soil and Site Evaluation

Date Performed: 11/18/22 New Installation ✓ Replacement ___ Alteration ___

Property Owner's Information

Name Bladi LLC
Address 502 CR 127
City Wharton State TX
Zip Code 77488 Phone ___ Fax ___

Certified Site Evaluator/PE Information

Name Clayton Mayfield
Company Mayfield Designs
Address 6567 W FM 884
City Goliad State TX
Zip Code 77963 Phone 645-4570 Fax ___
TCEQ Registration Number 10206

Property Description

Plat Date ___
Sec 1 Lot 8 Block ___ Subdivision Turtle Creek Village
Street/Road Address 502 CR 127
County Wharton Unincorporated Area? Y or N
City Wharton Zip Code 77488
Property Size ___ Acreage .330
Survey ___ Abstract ___
Additional Information ___

Installer Information

Name ___
Company ___
Address ___
City ___ State ___
Zip Code ___ Phone ___ Fax ___
TCEQ Registration Number ___

TOPOGRAPHY

Slope	Vegetation	Site Drainage	Reference Soil Survey Book
☑ Flat (under 2%)	☑ Grass/Brush	☐ Poor	☐ Seasonal water table
☐ Slight (under 4%)	☐ Lightly Wooded	☐ Adequate	☐ Water table (upper water shed) evident
☐ Severe (over 5%)			Depth: ___
☐ Gullies/erosion	☐ Heavily Wooded	☑ Good	☐ Presence of adjacent ponds, streams, water impoundments

Comments/Observations:

WATER SUPPLY

Private ___ Public ✓ Name of public water supplier ___

For on-site water well:

Is water well less than 100 feet from drainfield? *Yes (No)
*If yes, attach documentation, i.e. well log or driller affidavit, that well is pressure cemented or grouted to required depth.

Neighboring wells within 100 feet of property line? *Yes (No)
*If neighboring wells exist they must be shown on the design.

Water saving devices (Yes) No

☐ Water softener ☐ Reverse osmosis system ☐ Other: ___

530

SOIL EVALUATION

Requirements:

- At least two soil evaluations must be performed on the site, at opposite ends of the proposed disposal area. Locations of soil boring or dug pits must be shown on the drawing.
- For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed trench depth. For surface disposal, the surface horizon must be evaluated.
- Please describe each soil horizon and identify any restrictive features in the space provided below. Draw lines at the appropriate depth.

Proposed Trench Depth 6" (Will be 18" to 36" unless designed by P.E. or R.S.)

Soil Boring Number 1

Depth (Feet)	Textural Class	Soil Texture And Color	Gravel Analysis For Class II and III	Drainage (Mottles/Water Table) indicate color of mottling	Restrictive Horizon
0 1 2 3 4 5 6	I II ↓	Sandy Loam	None	None	None

Soil Boring Number 2

Depth (Feet)	Textural Class	Soil Texture And Color	Gravel Analysis For Class II and III	Drainage (Mottles/Water Table) indicate color of mottling	Restrictive Horizon
0 1 2 3 4 5 6	I II ↓	Sandy Loam	None	None	None

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

Clayton Mayfield 10206
Signature of Certified Site Evaluator/PE & License #

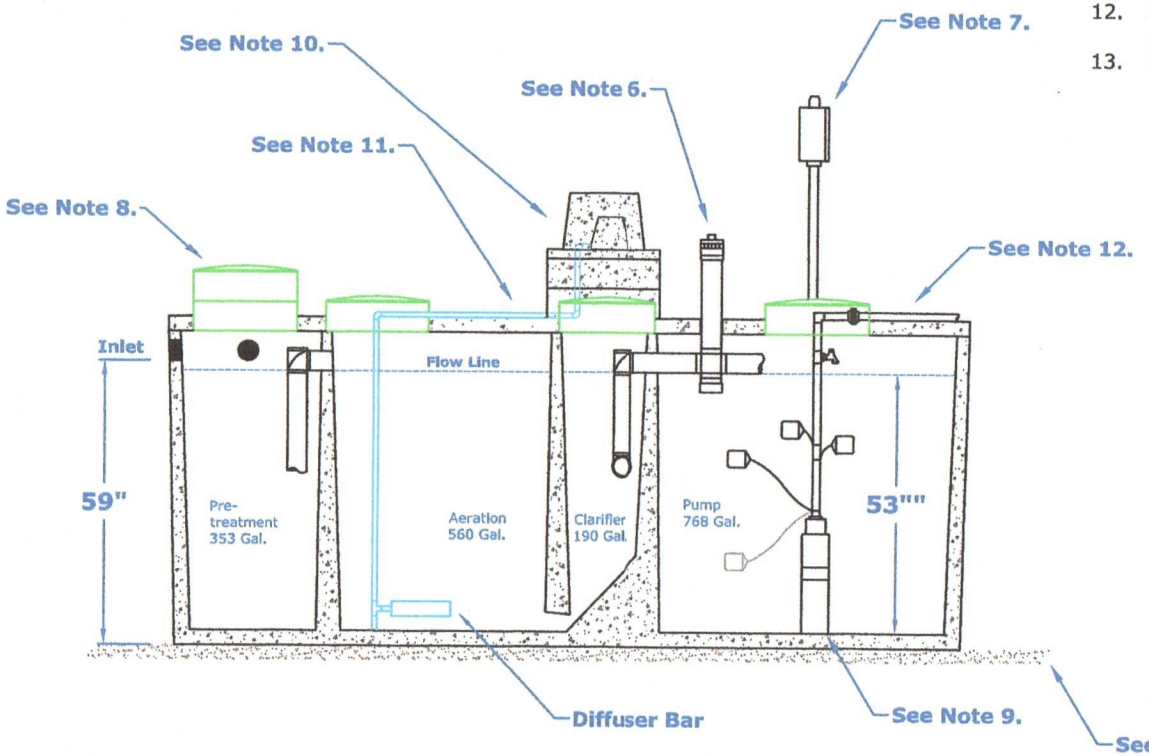
11/18/22
Date

N.C. Pipe
PRECAST PRODUCTS

888-331-5871

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.
5. BOD Loading = 1.62 lbs. per day.
6. Standard tablet chlorinator or Optional Liquid chlorinator. NSF approved chlorinators (tablet & liquid) available.
7. NuWater 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.
8. 20" Ø acess riser w/ lid (Typical 4). Optional extension risers available.
9. 20 GPM 1/2 HP, high head effluent pump.
10. HIBLOW Air Compressor w/ concrete housing.
11. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
12. 1" Sch. 40 PVC pipe to distribution system provided by contractor.
13. 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"

NPCA CERTIFIED PLANT

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

Model: B-550-PC-400PT

March, 2012
By: A.S.

Scale:
* All Dimensions subject to allowable specification tolerances.

Dwg. #: NC-B550-3

N.C. Pipe
PRECAST PRODUCTS
9235 Main Street #1
P.O. Box 507
Needville, Texas, 77461
1-888-331-5871

" Providing Concrete Environmental Solutions "

NuWater
Advanced Treatment Systems By Enviro-Flo,Inc

Wastewater Treatment Systems
Installation & Owner's Manual

A product of Enviro-Flo, Inc.

Class I Wastewater Treatment Systems Model B
500/550/6001750/800/1000/1500 Gallon Per Day Capacity
Commercial and Residential Systems

"The Environmentally Friendly Alternative for Wastewater Treatment"

ENVIRO-FLO, INC.
P.O. BOX 321161
Flowood, MS 39232
1-877-836-8476

HISTORY OF WASTE AND SEWERS

Where and how to dispose of waste and sewage have been the bane of Man since the beginnings of time. While early on he recognized the value of camping downstream to let "running water take its course," the problem of disposal became acute as populations proliferated and banded together.

Aristotle instructed his prize pupil, Alexander the Great, to make sure that dung from animals, human waste, etc., was disposed of far from camp. Predating his words by about 3,000 years is the Old Testament injunction that stated: Thou shalt have a place also without the camp, whither thou shalt go forth abroad. And thou shalt have a paddle upon thy weapon; and it shall be when though silt ease thyself abroad, thou shalt dig wherewith, and shall turn back and cover that which comets from thee. (Deuteronomy 23)

The first sewers of Rome were built between 800 B.C. and 735 B.C., preceding the first aqueduct by about 500 years. Called the Cloaca Maxima, this sewer is one of the largest of the ancient sewers still in use. It was designed to carry off the surface water, and otherwise provide drainage for the entire city.

It was said that every street emptied into a channel of the sewer. However, only a few privileged patricians or noblemen had outlets to their houses. These were but extensions to their latrines located adjacent to their kitchens. As the untrapped ends of the sewer were the only sources of ventilation that the sewers had, noxious fumes expelled into the immediate area and wafted about.

By 14th century England, the problem was still unsolved. Culled from an old record, one reads "the refuse from the king's kitchen had long run through the Great Hall in an open channel, to the serious injury to health and danger to life of those congregated at court."

Further complications resulted from medieval privies or the euphemistic "garde robes" (wardrobes for undressing) located in the "Great House" or castle. The chamber would be in a small, vaulted room about 3' wide with a narrow window. The privy was built within the wall, with a vertical shaft below a stone for a wooden seat. The waste would discharge into the moat below. If there were no water, the receptacle might be a barrel or a pit. In either case, it was a deadly chore to rake the offal. The job paid top wages for brave but desperate men needing to work. Crews of 13 men were paid three times the normal rate to clean the pit at Newgate Jail in 1281. It took them five nights.

Underground channeling was a haphazard arrangement as well. Drain tiles, constructed from the "roughest brickwork" or masonry, were 12' in cross section, made by laying fiat stones to form the bottom of the din. Then brick walls built up and topped with fiat stones. The drains were built helter-skelter with no understanding of purpose. Some would be too big or too small, or running uphill or at right angles, etc.

The possibility of disease being transmitted through water and waste began to chip through centuries of ignorance. Scientific discoveries began to unfold. Some would even believe that an open cesspool was "the probable cause of headache, sore throat and depressed health to many a cook, kitchen maid and butler, and perhaps indirectly leads, in not a few instances, to the use of those treacherous self-prescribed medicines such as spirits and beer."

MISSION STATEMENT

The environment was created to support life on land and in water. Careless efforts by mankind have nearly destroyed what once was a stable ecosystem. Science has made evident the disease and destruction that untreated sewer can cause in soil and water. Disease caused by sewer has proved to be devastating and sometimes deadly. Our marine life has begun to suffer tremendously due to commercial and residential waste and pollution.

Whether a small drainage ditch or the mighty oceans, it is everyone's responsibility to protect and conserve the planet for life in the future. It is our mission to lead and direct others to the conscious reality of the effects untreated wastewater has on our society.

PROCESS DESCRIPTION

The NUW ATER Wastewater Treatment system is designed for treating domestic wastewater generated by normal household activities. The system consists of a single tank, extended aeration activated sludge. The system is capable of producing an effluent which meets or exceeds applicable state discharge standards. The system has been successfully tested to NSF/ANSI STANDARD 40.

Wastewater from the home flows into the pre-treatment chamber of the system. Wastewater then enters the treatment area of the system. Here, oxygen supplied by the aerator along with organic matter in the waste creates an ideal environment for the growth of aerobic bacteria. The organisms begin to breakdown and convert the waste into gases and additional microbes. The action of the aerobic microbes results in a lower concentration of pathogenic bacteria.

After sufficient time in the aeration zone, the mixture enters the clarifier where calm conditions enable separation of microbes, solids, and treated wastewater. The microbes that settle out of water are returned to the aeration chamber where they are again beneficial in treating wastewater.

The result of aeration and quiescent separation is an effluent that is clear and odorless which may be discharged according to local health regulations.

NuWater

Individual Home Wastewater Treatment System

The NuWater system is uniquely designed based on modern concepts. The system has been tested at ANSF certified lab. It has undergone strenuous testing meeting NSF/ANSI standard 40 requirements and is approved throughout the United States. The NuWater Model B Sizes 500,550,600,750,800,1000,1500

The NuWater 500 gpd consist of three compartments. They are: 1) pretreatment compartment, 2) aeration compartment, 3) clarification compartment.

Pretreatment Compartment

The pretreatment compartment is the first stage of the treatment system. Wastewater from the household enters this compartment and the promotion of microbes begins. This compartment is also designed to hold back inorganic material from the aeration compartment.

Aeration Compartment

In the aeration compartment, wastewater enters through a three-inch collar. The aeration compartment is designed to set the right environment for aerobic microbes to grow by having air pumped in by an aerator. The air is diffused by low pressure diffusers. This process promotes the growth of aerobic microbes which breakdown organic solids in wastewater and promotes further microbe growth.

Clarifier Compartment

Wastewater from the aeration chamber seeps into the clarifier from the bottom of the tank. In this system, the clarifier is referred to as the still zone. In the clarifier there are no mixing of solids and wastewater. Solids are settled and diverted from the clarifier and returned to the aerator chamber for further treatment. Water, after separation, is filtered through a clarifier tee assembly and discharged as local laws allow.

Data Plates - The following data plates should be located on the aerator and audio/visual alarm:

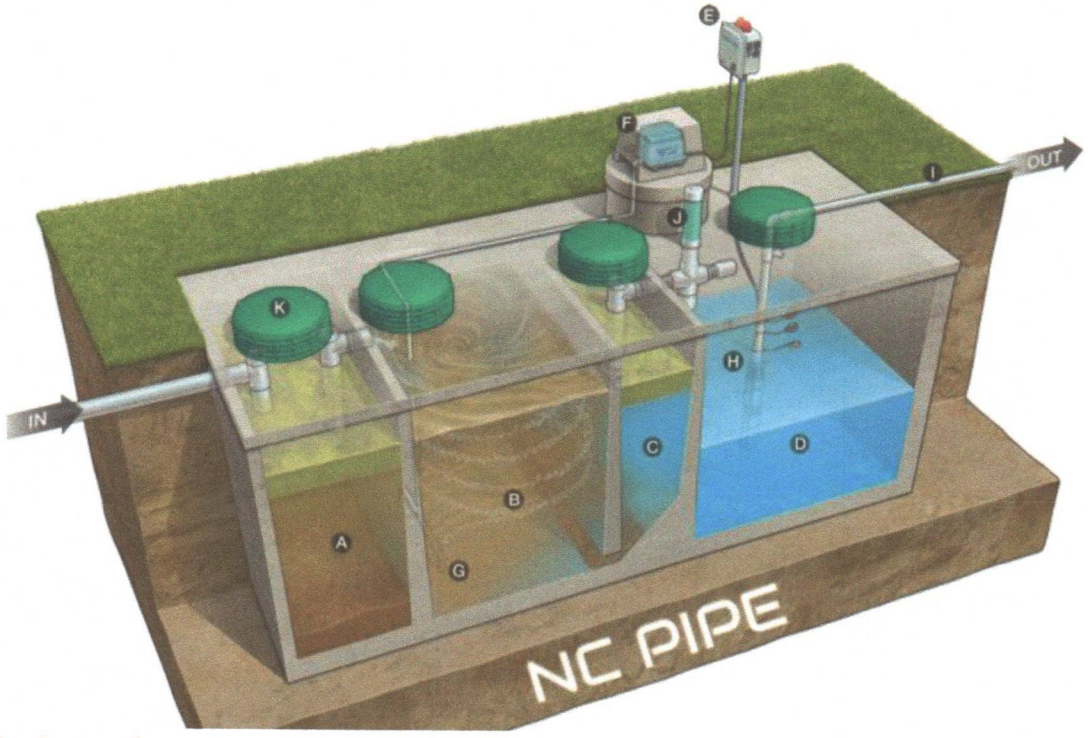
Do Not Oil Compressor
Remove top & filter
Wash every six months or as needed
NUWATER SEWAGE TREATMENT
VOLT 115, 60HZ, WATT 25, 500 CLASS I
FOR SERVICE CALL 1-877-836-8476
MODEL B500
SERIAL B 1000

ENVIRO FLO, INC.
Sewage Treatment Systems
P.O. Box 321161
Flowood, MS 39232
1-877-8ENVIRO
Alarm Aerobic
Sewage Tank Malfunction

NuWater Components

A. Pre-Treatment Tank
B. Aeration Tank
C. Clarifier
D. Pump Tank
E. Control Panel with Timer
F. Hiblow Hp-80 air compressor
G. Diffuser Bar
H. 20 GPM High Head Effluent Pump
I. 1" PVC Distribution Pipe
J. Liquid Chlorinator
K. Access Riser

NOTE:
TANK CONSTRUCTED OF 3" THICK
3000 PSI STEEL REINFORCED CONCRETE



Plant Installation Instructions

1. Read equipment parts list provided in owner's manual and verify that all required parts are on site.
2. Decide on an approximate location for the plant which is accessible to the home sewer outlet. Excavate a site which is approximately 1 foot larger than the treatment plant that will allow proper coverage of the system. The building sewer outlet will determine the depth of the plant. Make sure you have a smooth level surface for the base of the unit. The linear blower should be no more than fifty (50) feet away from the plant and in a well-ventilated area.
3. Place the unit into the excavated site. Carefully backfill around the unit compacting the soil as well as possible, leaving the inlet and outlet holes open for connections. Connect the influent end to the building sewer outlet. Connect the appropriate discharge to the effluent end of the plant. Inlet and outlet pipes should extend three (3) inches inside the unit.
4. Connect the clarifier tee to the effluent pipe inside the unit making sure that it is in the level vertical position.
5. Place a pre-assembled air diffuser bar approximately three (3) inches from the front edge of the treatment chamber. Diffuser should relax on the base of the unit, without stress to the fittings.
6. Install the blower in a dry location no more than fifty (50) feet away from the unit. Connect 1/2-inch PVC from the blower to the air diffuser, making sure that the pipe is stable and resting on the excavated surface.
7. Install electrical components in accordance with local electrical codes, in dry place.
8. Fill the unit to the level of the effluent discharge. Turn on all electrical components and verify that there are no leaks, air or water, throughout the system. If a leak is detected, repair and retest. Carefully backfill the excavated site and visually inspect all above ground connections.

Treatment Plant Start-Up

Initially the NuWater system is filled with clean water, usually from the homeowner's water supply. As stated in the installation instructions, once all the proper connections have been completed and it is filled with water, the aerator is turned on, the system is now in operation. For the treatment plant to become biologically stable, it will take from four to sixteen weeks after using the system to establish a population growth of microbes. It is microbes which make the system operate properly.

Maintenance Schedule

The NuWater system can be operated and maintained with a minimum number of problems, if the following procedures are performed on a regular basis.

1. Visually check high water alarm for visual or audible warnings. If a warning is detected, call your local representative for service.
2. Check components for buildup such as ant beds. Keep all components and risers free and clear of any foreign materials.
3. It is recommended that solid removal take place at least once every three to five years depending on sewage usage.
4. Remove filter element from aerator and clean once every six months, unless buildup has occurred which would require immediate cleaning.
5. Check for rotten egg odor which would signify improper treatment of wastewater. If detected, call your service representative.
6. If required, check and adjust disinfectant as required.

Specifications Designation: NuWater B-550 gpd, single family residential wastewater treatment system

Treatment capacity/class	600 gallons per day/class 1
BOD Loading	1.62 lbs./day
Electrical requirements	115 volts, 60 Hz, single phase, 30A
Aerator	Hiblow Hp-80 air compressor

Components and Materials

Tank	3000 psi concrete, 14-gauge carbon steel asphalt coated, fiberglass, and polyethylene
Riser	Minimum 4-inch PVC
Air Pump	Hiblow Hp-80 air compressor
Electrical alarm and sensor	High water audible/visual

Operating Instructions

Once installed, the blower will run twenty-four hours a day; the system will operate with minimal amount of attention. To ensure proper operation and minimize maintenance, the following materials should **NOT** be permitted to enter the system:

1. Strong disinfectants or bleaches except in moderation such as cleaning and normal laundry, be conservative.
2. Oils, grease, and chemical waste.
3. Discharge from water softeners.
4. Disposable diapers, condoms, tampons, cigarette butts, etc.
5. Items that are high in phosphates such as certain laundry detergents (Downey Fabric Softener) and dish wash soaps.
6. Prescription medications such as those for kidney/ liver disease(s) or cancer

Service Policy

The purchase price for the system includes an initial two-year service policy which includes all service calls as needed **due to equipment failures or manufacturer/ installer defects**. These service calls will be made by the dealer or his authorized representatives and shall include the following:

1. Servicing the aerator, including replacement or cleaning of the inlet filter if necessary.
2. The unit is to be inspected every four months during the initial two-year service policy. Servicing will include a check of the aerator filter, proper air flow, inspection of all electrical components, and effluent quality.
3. Immediate notification of the owner in writing of any improper operation and remedies used. The installer shall notify owner with an estimated date of correction.

Post Warranty

A continuing service policy is available from dealers to the system owners whose initial service policy is due to expire. Notify dealer for price and details.

Warranty Registration

It is not required to register your warranty. Representatives will be responsible for all warranty information. If you wish to register your warranty, please call Nuwater directly, and your information will be processed.

Trouble Shooting

System has offensive odor: Check list and assure that no chemicals listed have been permitted to enter the system. Check for proper operation of the aerator including a restricted filter. Check for standing effluent that fails to run off, it is possible for standing effluent to become stagnant. Check to see if system has been pumped within the last five years. Check water level in system to ensure that level is not above the system baffle allowing solids to enter the clarifier chamber.

Aerator is not working: Check for proper wiring and connections. Check circuit breakers for failure. If the prior remedies are not sufficient, replacement might be necessary.

System is not aerating: Check aerator for operation. Check aerator filter element for restrictions. Check air lines and diffusers for proper connections or restrictions.

System is not flowing properly: Check discharge point for restrictions. Check clarifier assembly for restrictions, this may be accomplished through the rear access port. If applicable, check chlorinator for restrictions. Check system for non-biodegradable items, if found, system will need to be pumped for proper operation in the future.

Soil around system is settling: Settling is normal following installation. If settling occurs years after installation, have the system checked for structural integrity and correct if necessary.

Audible/visual alarm sounds: Check water level. Verify that aerator is functioning. Check for dislocated air lines. If all appears normal, alarm may need to be replaced.

Aerator is loud: Linear compressors are made to function quietly. If the following remedies do not correct the problem, the aerator may need to be replaced. Check for vibrations against solid structures. Check filter cover for proper torque.

Owner's Responsibilities

It is the owner's responsibility to operate the NuWater system to the best of their ability. To ensure proper operation, the following precautions should be noted:

1. Never allow unapproved items to enter the system.
2. Do not allow nest buildup around aerator or other components.
3. Maintain grass and shrubs around system.
4. Restrict automotive travel over treatment system.
5. Maintain minimum requirements for chlorine additive

Limited Warranty

NuWater warrants the parts in each treatment process/system to be free from defects in material and workmanship for a period of two (2) years from the date of installation treating residential wastewater. Some states do not allow limitations on how long an implied warranty last, so the above limitation may not apply. Sole obligation under this warranty is as follows: Nuwater shall fulfill this warranty by repairing or exchanging any components F.O.B factory, that in Nuwater's judgment shows evidence of defects, provided said component has been paid for and is returned through an authorized dealer, transportation prepaid. The warrantee must also specify the nature of the defect to the manufacturer.

The warranty does not cover treatment process/system that have been flooded, by external means, or that have been disassembled by unauthorized persons, improperly installed, subjected to external damage, or damage due to altered or improper wiring or overload protection.

This warranty applies only to treatment process/system and does not include any residential wiring, plumbing, drainage, or disposal system. NuWater is not responsible for any delay or damage caused by defective components or materials, for loss incurred because of interruption of service, or for any other special or consequential damages or incidental expenses arising from the manufacture, sale, or use of this process/system.

NuWater reserves the right to revise, change, or modify the construction and design of the treatment process/system for residential wastewater or any component or parts thereof without incurring any obligation to make such changes in previously sold equipment. Nu Water also reserves the right, in making replacements of components under this warranty, to furnish a component which, in its judgment, is equivalent to the part replaced.

Under no circumstances will Nu Water be responsible to the warrantee for any other direct or consequential damages, including but not limited to lost profits, lost income, labor charges, delays in production, and/or idle production, which result from defects in material and/or workmanship of the system. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty is expressly in lieu of any other expressed or implied warranty, excluding any warranty of merchantability or fitness, and of any other obligation on the part of Nu Water.

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

Periods of Non-Use

The NuWater system has been tested for short periods of non-use, but aerobic treatment units require organic matter to be introduced periodically to function properly. If circumstances occur where the unit will not be used for long periods of time, bioremediation is recommended to seed the system before functional use begins again.

Contact Information

If service is required, it is advisable to contact your nearest NuWater representative. If service is unavailable, refer to the system data plates located on the aerator audio/visual alarm, and under the system access port for contact information. The data plates contain manufacture information including telephone numbers and address. Have your model number and serial number on hand at the time of your call. The serial and model number can also be located on the data plates.

NuWater Components

While all components are durable, it is recommended that care be used when unpacking the components. Always open box in an upright position to avoid dumping of components. Visually inspect all components for breakage and notify NuWater for replacements if damage is present. Never install damaged components!

A word of thanks

Once again, NuWater would like to extend a word of thanks for your recent purchase. It is our hopes that our product will provide you with many years of satisfactory service. You have helped us take one more step towards a cleaner environment and waste free waters. At NuWater, we will continue to work hard for you and strive to make business an enjoyable experience. Thanks, and God bless.

Map

Property Details

Account

Property ID:	R025008
Legal Description:	TURTLE CREEK VILLAGE SEC.1 LOT 8 Acres:0.3306
Geographic ID:	11320-002-080-00
Agent:	162
Type:	R - REAL PROPERTY

Location

Address:	CR 127 WHARTON
Map ID:	W

Owner

Name:	HARRISON RAYMOND C SR FAMILY LP
Mailing Address:	1900 SAINT JAMES PLACE SUITE 110 HOUSTON, TX 77056
% Ownership:	100.0%
Exemptions:	For privacy reasons not all exemptions are shown online.

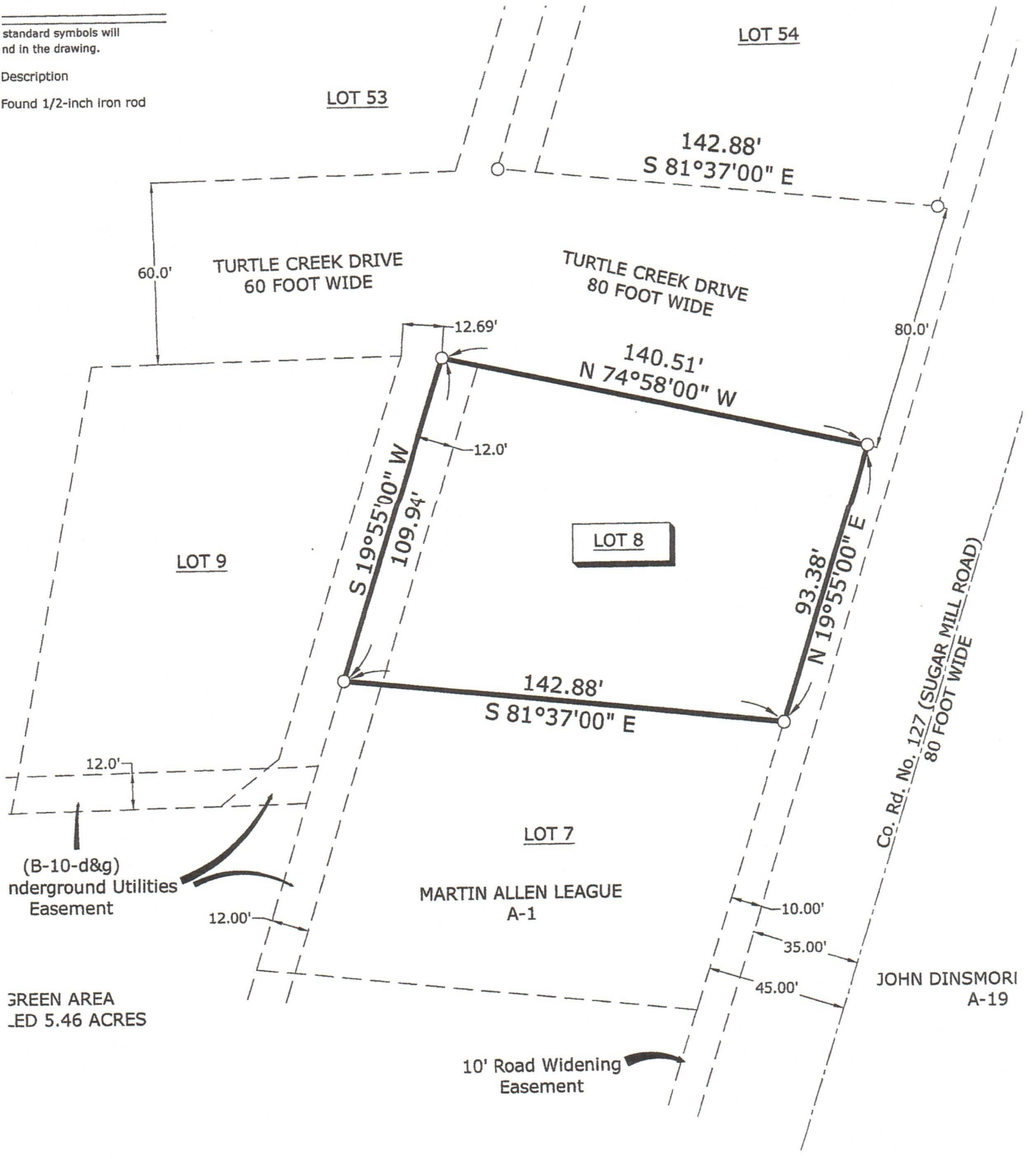
Property Values

Improvement Homesite Value:	$0
Improvement Non-Homesite Value:	$0
Land Homesite Value:	$0

standard symbols will
nd in the drawing.

Description

Found 1/2-inch iron rod



COMMITMENT NOTE: This Survey reflects and is limited to matters of record
ng this tract as called out on FIRST AMERICAN TITLE GUARANTY COMPANY. Title
tment G.F. No. 2744534-FW26, effective date June 18, 2022, at 8:00 am.,
July 25, 2022, at 8:00 am.

ersigned does hereby certify that this survey was this date made on the ground of the property legally described
and is correct, and that there are no encroachments, discrepancies, conflicts, shortages in area, boundary line
overlapping of improvements, easements or rights-of-way, except as shown hereon, and that said property has

e standard symbols will
und in the drawing.

Description

Found 1/2-inch iron rod

AB 15

LOT 54

LOT 53

142.88'
S 81°37'00" E

60.0'

TURTLE CREEK DRIVE
60 FOOT WIDE

TURTLE CREEK DRIVE
80 FOOT WIDE

12.69'

80.0'

140.51'
N 74°58'00" W

24.4'

58.3'

S 19°55'00" W
109.94'

Form Elev. 97.5'

LOT 9

LOT 8
Plan 1800
Lt. Swing

N 19°55'00" E
93.38'

Co. Rd. No. 127 (SUGAR MILL ROAD)
80 FOOT WIDE

S 81°37'00" E
142.88'

12.0'

(B-10-d&g)
nderground Utilities
Easement

LOT 7

MARTIN ALLEN LEAGUE
A-1

12.00'

10.00'

35.00'

45.00'

GREEN AREA
LED 5.46 ACRES

JOHN DINSMORE
A-19

10' Road Widening
Easement

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and from a dedicated roadway, except as shown hereon.

WHARTON COUNTY 9-1-1 RURAL ADDRESS REQUEST & NOTIFICATION
315 E MILAM, SUITE 102, WHARTON, TX 77488
979-532-8587 (OFFICE) 979-532-8947 (FAX)
monica.martin@co.wharton.tx.us

OWNER NAME:	**Bladi LLC**	**STRUCTURE:**	**3 spec houses**
MAILING ADDRESS:	**19 Rockwell Square Pl**	**CITY & ZIP:**	**Spring 77386**
PHONE:	**972-942-0127**	**EMAIL ADDRESS:**	**erik@visasolutions.com award@zionhomes.com**
OCCUPANT NAME:		**OCCUPANT PHONE:**	

DETAILED DIRECTIONS OR ATTACH AERIAL MAP WITH LOCATION CLEARLY MARKED:

CR 127 – lot 1 R025002

CR 127 – lot 8 R025008 (front door will face CR 127)

Turtle Creek Dr – lot 49 - R025049 -

STRUCTURE TO BE ADDRESSED WITHOUT GPS VIA AERIAL XXX

DRIVEWAY COORDINATE:	
STRUCTURE COORDINATE:	

ASSIGNED 911 ADDRESS

911 ADDRESS:	**CR 127 – lot 1 R025002 - 530 CR 127 RD** **CR 127 – lot 8 R025008 - 502 CR 127 RD** **Turtle Creek Dr – lot 49 - R025049 - 2922 TURTLE CREEK DR** **Date** **11/17/2022**

PLEASE TAKE THIS NOTIFICATION TO THE NEAREST POST OFFICE FOR CITY AND ZIP CODE ASSIGNMENT