



**TARRANT REGIONAL WATER DISTRICT
APPLICATION FOR ON-SITE SEWAGE FACILITY**

RC
TRWD RESERVOIR

NAVARRO
COUNTY OF INSTALLATION

TRWD USE ONLY
APP. NO.: RC 14036

RECEIPT NO: N/A Fee Waived

DATE: 8-1-14

AMOUNT: N/A

Lake Bridgeport
1710 FM 1658
Bridgeport, TX 76426
940-683-2349
940-683-4016 (FAX)

Cedar Creek Lake
6613 Ashby Lane
Trinidad, TX 75163
903-432-2814
903-432-3355 (FAX)

Eagle Mountain Lake
10201 North Shore Drive
Fort Worth, TX 76135
817-237-8585
817-237-8563 (FAX)

Richland-Chambers Reservoir
140 FM 416
Streetman, TX 75859
903-389-3928
903-389-7587 (FAX)

PLEASE FILL IN ALL BLANKS. If the information requested in a space is not applicable, please mark it NA to indicate that you have not inadvertently skipped it.

1. PROPERTY OWNER'S NAME: Anderson Craig B
(LAST) (FIRST) (MI)
2. PERMANENT MAILING ADDRESS: 4206 Valley Ridge Rd Dallas, Tx 75220
(STREET/PO BOX) (CITY/STATE) (ZIP)
3. DAYTIME TELEPHONE NUMBER: (214) 352-4557
4. SITE ADDRESS: 914 Waters Edge Dr Corsicana, Tx 75109
(STREET) (CITY/STATE) (ZIP)
5. LEGAL DESCRIPTION: SUBDIVISION: The Shores LOT/TRACT PH1 129 BLOCK/ABSTRACT Lake PH 1
COUNTY Navarro DATE OF PLAT/SURVEY: 10/11/05
IF OTHER THAN SUBDIVISION: ACREAGE — SURVEY — ABSTRACT —
6. SOURCE OF WATER: ☐ Private Well ☒ Public Water Supply (NAME) M.E.N.
7. SINGLE FAMILY RESIDENCE: NUMBER OF BEDROOMS 4 LIVING AREA (sq ft) 2461
8. IF COMMERCIAL/INSTITUTIONAL (including multi-family residences) TYPE: N/A
NO. OF EMPLOYEES/OCCUPANTS/UNITS: N/A DAYS OCCUPIED PER WEEK: N/A
9. ESTIMATED DAILY WATER CONSUMPTION (Gal/Day): 300 WATER SAVING DEVICES INSTALLED ☒ Y ☐ N
10. SYSTEM DESIGNER: Phillip Maxey LICENSE #: RS2604 TELEPHONE #: 214-507-9521
11. PROPOSED INSTALLER: Holland Pickle LICENSE #: 082355 TELEPHONE #: 903-389-8189

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to the Tarrant Regional Water District to enter upon the above-described property for the purpose of lot evaluation and inspection of on-site sewage facilities. I understand that the approval of this application constitutes authorization for construction of the on-site sewage facility and that a permit to operate the facility will be granted following successful inspection of the installed system which verifies that the system was installed in compliance with the TCEQ's On-Site Sewage Facility Rule (OSSF) and the TRWD Waste Control Order.

DO NOT BEGIN CONSTRUCTION PRIOR TO APPLICATION APPROVAL. UNAUTHORIZED CONSTRUCTION CAN RESULT IN CIVIL AND/OR ADMINISTRATIVE PENALTIES.

12. Guy Anderson
SIGNATURE OF OWNER OR OWNER'S AGENT

6/30/14
DATE

13. Chris R...
SIGNATURE OF AUTHORIZED TRWD REPRESENTATIVE

09-8558
LICENSE #

8-1-14
DATE

TARRANT REGIONAL WATER DISTRICT

*140 FM 416, Streetman, Texas 75859
903-389-3928*

AUTHORIZATION TO MODIFY AN EXISTING ON-SITE SEWAGE FACILITY

Application Number RC14-036

Property Owner Craig Anderson

Mailing Address 4206 Valley Ridge Rd.
Dallas, TX 75220

Property Location Lot: 129 The Shores I
914 Water's Edge Dr.
Corsicana, TX 75109

Navarro County, Texas

This serves to notify all persons that an on-site sewerage facility application, related technical data, and the appropriate fee have been received by the Tarrant Regional Water District (District) from the property owner. The application has been reviewed for technical and administrative consideration against the standards set forth by the District. Approval is hereby granted for the construction as shown on the submitted plans.

Any modifications to submitted plans require approval by the Tarrant Regional Water District prior to installation.

You or your installer must contact the District office at 903-389-3928 between 7:30 A.M. to 8:30 A.M. to arrange for the required facility inspection. Calls after 8:30 A.M. may result in inspection being delayed until the next working day. **The authorization to construct is valid for one year from the date of issue of an application.** If a final inspection has not been performed within one year of issue, a new application and fee will be required.

Comments: **The following design is to remove existing aerobic unit and replace it with a new aerobic unit in the same location. Note: Need receipt showing all existing tanks have been pumped prior to inspection/approval.** The design is based upon the minimum standards set forth by the Texas Commission on Environmental Quality and is based on a maximum daily flow of 300 gallons, the use of water saving devices is required.



Authorized District Representative

OS-28839

8-5-14
Date

TARRANT REGIONAL WATER DISTRICT

140 FM 416, Streetman, Texas 75859
903-389-3928

**NOTICE OF APPROVAL
OF
ON-SITE SEWAGE FACILITY**

PERMIT # RC14-036

Property Owner: Craig Anderson

Mailing Address: 4206 Valley Ridge Road
Dallas, TX 75220

Property Location: Lot: 129 The Shores I
914 Water's Edge Dr.
Corsicana, TX 75109

Navarro County, Texas

This serves to notify all persons that the on-site sewage facility owned by the above has satisfied design, construction, and installation requirements of the Texas Commission on Environmental Quality (TCEQ) and the District Waste Control Order. This Tarrant Regional Water District On-Site Sewage Facility Permit is issued for the operation of the above identified on-site sewage facility.

ANY MODIFICATIONS TO THE SYSTEM STRUCTURE, OR ITS COMPONENTS, MAY REQUIRE A NEW PERMIT. The owner must notify this office of the aforementioned changes.

ADDITIONAL INFORMATION:


OS-28839
Authorized District Representative

9-11-14
Date

TARRANT REGIONAL WATER DISTRICT

140 FM 416 Streetman, TX 75859

903-389-3928

ON-SITE SEWAGE FACILITY PROGRAM

AEROBIC TREATMENT & DRIP EMITTER INSPECTION REPORT

PROPERTY OWNER: Craig Anderson	PERMIT NUMBER: RC14-036
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I. SEWER	Y	N
TWO-WAY CLEANOUT PROPERLY INSTALLED:	✓	
PROPER TYPE PIPE FROM STRUCTURE TO DISPOSAL SYSTEM:	✓	
SLOPE OF SEWER 1/8 INCH PER FOOT MINIMUM:	✓	
II. PRETREATMENT	Y	N
IS PRETREATMENT REQUIRED?	✓	
ARE RISERS PRESENT? IF SO, IS SECONDARY PROTECTION IN PLACE & SECURED?	✓	
TANK SIZE REQUIRED: 400 Gal.	TANK SIZE INSTALLED:	** **
TANK TYPE: Concrete	MANUFACTURER: Ecological Tanks/(TPS)	** **
III. AEROBIC TREATMENT UNIT	Y	N
UNIT SIZE REQUIRED 500 GPD	UNIT SIZE INSTALLED 500 GPD	** **
MANUFACTURER: Aqua Aire		** **
MODEL NUMBER: 500-4050,C	SERIAL NUMBER: 050955	** **
TYPE OF AERATOR Aqua Aire	SERIAL NUMBER: 050955	** **
HIGH WATER ALARM INSTALLED?	(check type) <input checked="" type="checkbox"/> LIGHT <input checked="" type="checkbox"/> SOUND	✓
FILTER INSTALLED (if required)?		✓
ALARM WIRING SEPARATE FROM PUMP?		✓
CHLORINATOR PROPERLY INSTALLED?		N/A
CHLORINE TABLETS IN PLACE?		N/A
MAINTENANCE INSPECTION TAG IN PLACE		✓
IV. PUMP TANK		
TANK SIZE REQUIRED: 500 Gal.	TANK SIZE INSTALLED: 500 Gal.	
TYPE: Concrete	MANUFACTURER: Ecological Tank /(TPS)	
TYPE AND SIZE OF PUMP: Existing		
CORRECT TIMER INSTALLED: Existing	RUN TIME: 5.0 min. OFF TIME: 3 hrs.	
V. APPLICATION AREA (SUB-SURFACE ONLY) Existing		
AREA REQUIRED: N/A	AREA INSTALLED: N/A	
TYPE LINE INSTALLED: N/A		
LENGTH OF DRIP EMITTER LINE INSTALLED: N/A		
LENGTH OF LOW PRESSURE DOSING LINE INSTALLED: N/A		
SPACING OF LINE INSTALLED: N/A		
DEPTH OF LINE INSTALLED: N/A		

COMMENTS: Pressure set at 40psi on supply side and 25 psi on return line

INSPECTED BY:  OS-28839

DATE: 9-11-14

265²⁰

RICHLAND SANITATION

903-362-4602

Box 135

Richland, Texas 76681

Transport No. 20859

Site #710888

Pick #7543

Name of Transporter RICHLAND SANITATION
(Company Name)

Name Of Driver T. J. Smith Truck License No. _____
(Print)

Date(s) of Pickup 9-9-14 Time 1:00 PM Tank Capacity 500 1100
(gallons)

PART I — Generator Information and Certification:

Generator			
Name:		Address:	
<u>Public Refuse</u>		<u>lot: 129</u>	
Waste		Generator	
Type	Gallons	Signature:	Phone No.:
<u>Gen</u>	<u>1100</u>	<u>N/A</u>	

PART II — Transporter Certification:

I certify that the information provided above is correct, and that only waste in PART I of this ticket are contained in this load. I further certify that this contains no chemical or hazardous waste material. I am aware that falsification of this ticket may result in forfeiture of my transporter's license and/or the privilege of utilizing state-permitted disposal facilities.

T. J. Smith 9-9-14
Truck Driver's Signature Date

PART III — Statement of Disposal Site Operator:

Disposal Site Name T. J. Smith Registration/Permit No. 710888

I certify that I have been authorized by the T.C.E.Q. to accept the above type waste and I have disposed of the above indicated waste in accordance with the requirements outlined in the authorization.

T. J. Smith 9-9-14
Site Operator's Name (Print) Date

T. J. Smith TJS
Site Operator's Signature

Navarro CAD

Property Search Results > 63641 ANDERSON CRAIG B & PAMALLA for Year 2014

Property

Account

Property ID:	63641	Legal Description:	T0077 THE SHORES ON RICHLAND CHAMBERS LAKE PH I LOT 129 1.019 ACRES
Geographic ID:	T0077.00.01290.000.00.0	Agent Code:	
Type:	Real		
Property Use Code:			
Property Use Description:			

Location

Address:	914 WATERS EDGE DR CORSICANA, TX 75109	Mapsco:	
Neighborhood:	WATERFRONT A3 IN SMI	Map ID:	Q11
Neighborhood CD:	A3SMI		

Owner

Name:	ANDERSON CRAIG B & PAMALLA	Owner ID:	37019
Mailing Address:	4206 VALLEY RIDGE RD DALLAS, TX 75220	% Ownership:	100.0000000000%
		Exemptions:	

PHILLIP MARLAR R.S.
REGISTERED PROFESSIONAL SANITARIAN
TEXAS REGISTRATION # 2604
PHONE (214) 507-9521
P.O. Box 274 SCURRY, TX. 75158

Subsurface (Drip) Irrigation
On - Site Sewage Facility System Design

Kenneth & Melody Mattox
914 Waters' Edge
Corsicana, Texas 75109

July 21, 2014

Site Location: Replacing existing Aqua Klear tank with AA 500-4050 tank The Shores I lot 129.

DESIGN PARAMETERS

Soil Evaluation - Class IV Soil.

Number of Bedrooms - 4 Square feet living area - 2,461 s.f. (4 bedroom equivalent)

Gallons per day - 300 gpd (Water Saving Fixtures)

Application rate - .1 gal/sq ft / day (Class IV Soil application rate)

Required Disposal Area - 3,000 Sq. Ft.

Designed Disposal Area - 3,456 Sq. Ft.

1- Zone Zone 1- 3,456 sq. ft. (1,729' of Geo-Flow .53 gph "PC" drip line)

Zone 864 Emitters at .53 gal/ hr - 7.63 gpm Appl. Rate - 0.0883 gal/sq ft / day

Drip irrigation standards for class IV soil, require an application rate of .1 gal / sq ft / day. For a 4 bedroom home (2,461 sq ft living area)(water saving fixtures), area based on 300 gpd divided by .1 gal/sq ft/day (application rate) = 3,000 sq.Ft.

1,729' of emitter line with 864 emitters at 4 sq ft of area per emitter = 3,456 sq ft field area.

SYSTEM PARAMETERS

Pretreatment tank - Aqua Aire 400 gallon chamber

Aeration Tank - Aqua Aire 500-4050, C (500 gpd)

Chlorinator - stackable - free flowing tablets - **(Optional)**

Pump tank - 500 gallon pump tank chamber

Pump - 1/2 H.P. Submersible (Blaster 20 EB or Equivalent)

Supply/Manifold/Backwash Lines - 1.25" PVC SCH 40

Geo-Flow .53 gph Pressure Compensating Drip Emitter Tubing

Emitters placed on 2' centers in lateral field except where avoiding trees **(All lines looped)**

Tuff Tiger model 100D Filter box - located over pump tank riser, or box outside pump tank (1" Disc filter - 100

Micron Mesh) OR 1" standard disc filter 100 micron mesh

Pressure gauge on outlet side of filter on supply line

Pressure set for 40 PSI on supply side of drip field

Maximum length of any single drip lateral will be < 600'. At 40 PSI on inlet side of drip field, will achieve 2 ft/sec flush velocity minimum.

Vacuum breakers - **on highest elevations on return and supply lines**

Pressure gauge and Ball Valve on return line at pump tank cracked open to pump tank used to continually back flush drip field and monitor pressure on return line from drip field.

Dosing Volume - 38.15 gallons (Approx. 8 doses per day)



Phillip Marlar R.S.
#2604
SE
7/21/14
9079

**PHILLIP MARLAR R.S.
REGISTERED PROFESSIONAL SANITARIAN
TEXAS REGISTRATION # 2604
PHONE (214) 507-9521
P.O. Box 274 SCURRY, TX. 75158**

Subsurface (Drip) Irrigation
On - Site Sewage Facility System Design

Kenneth & Melody Mattox
914 Waters' Edge
Corsicana, Texas 75109

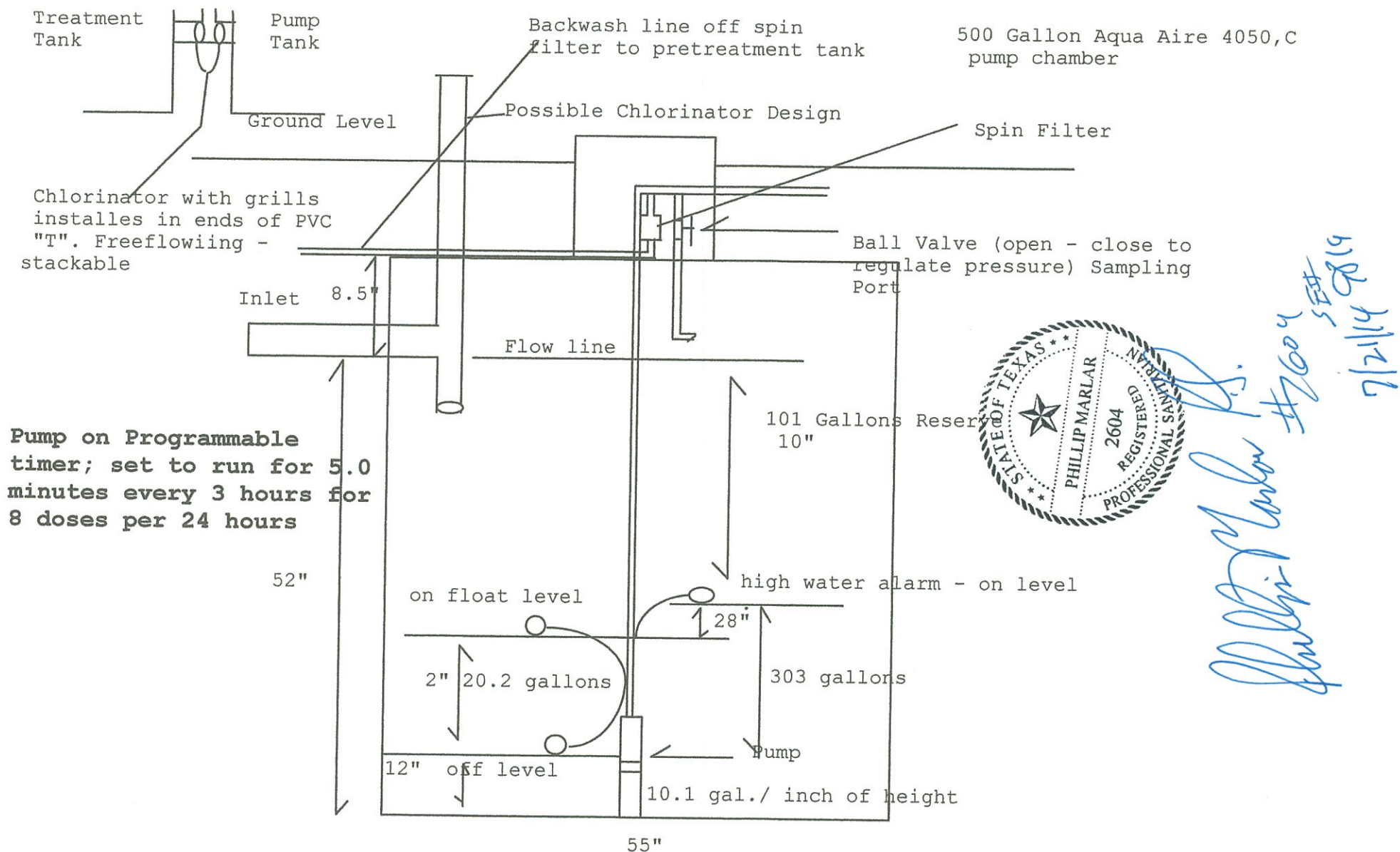
July 21, 2014

Site Location: Replacing existing Aqua Klear tank with AA 500-4050 tank The Shores I lot 129.

Timer used on Pump to dose field - Pump run time per dosing approx. 5.0 min. every 3 hrs. (8 doses per day)
SOIL ANALYSIS
Class IV Soil.



Phillip Marlar R.S.
#2604
SE#
989
7/21/14



Pump Time 5.0 minutes for 38.15 gallons at 7.63 gpm at 40 psi on supply side of drip field.

Total Head 103.2 FT at 7.63 gpm for 1.25" Sch 40 PVC piping @ 40 psi on supply side of drip field.

1/2 HP Submersible @ 7.63 gpm will deliver 130 + FT total head.

Approx. 8 doses per day

() Initial Policy

☒ Renewal
() 12 months
() 24 months

SERVICE POLICY

Initial Policy:

A two-(2) year Initial Service Policy shall be furnished to the user by the manufacturer or the distributor through the dealer. This policy is included in the original purchase price and shall provide the following:

1. An inspection/service call every _____ months; which includes inspection, adjustment, and servicing of the mechanical and electrical component parts as necessary to ensure proper function.
2. An effluent quality inspection every _____ months; consisting of a visual check for color, turbidity, scum, overflow, and an examination for odors.
3. A sample shall be pulled from the aeration tank every _____ months as described in the "SOLIDS REMOVAL" section to determine if there is an excess of solids in the treatment plant. If the test result determined a need for solids removal, the user will bear the cost and responsibility for doing so.
4. User is responsible for keeping chlorine in the chlorinator. If chlorine test reveals no chlorine, a grab test is required. User will be responsible for cost.
5. If any improper operation is observed which cannot be corrected at that time, the user shall be notified immediately in writing of the conditions and the estimated date of correction.

Violations of warranty include shutting off the electric current to the system for more than twenty-four (24) hours; disconnecting the alarm system; restricting ventilation to the aerator; overloading the system; flooding by external means; insect or ant damage or any other form of unusual abuse or acts of nature.

THIS POLICY DOES NOT INCLUDE PUMPING SLUDGE FROM THE UNIT IF NECESSARY.

TOWA / TCEQ Certified Maintenance Company / Provider

TWELVE (12) HOUR RESPONSE TIME

An Annual Renewable Service Policy affording the same coverage as the Initial Policy is available. Consult your dealer for pricing information.

Texas Commission on Environmental Quality Rules require a Service Policy to be in effect for the first two years.

USER: Name Craig B Anderson
Address 914 Waters Edge Dr
City/State Corpus Christi TX 75129
Phone # 214-352-4557
County Navarro

SERVICE BY: RCAC-Rod Pickle
P. O. Box 222 (5700 FM 2330)
Streetman, TX 75859 (Montalba, TX 75853)
(903) 389-8189
Lic. #7355 Class: OSSF II
Maintenance Co.-MC-0000422

I agree to abide by the Service Policy as stated above Craig B Anderson Date 6/30/14

Directions below:

On-Site Sewage Facility System ATC Review

Applicant Name: Craig Anderson Application #: RC14-036 Date Received: 8-1-14 Receipt #: N/A
 Subdivision: The Shores Lot: 129 Block: — Section: 1
 Acreage: — Survey: R. Caradine Abstract: A-139 Quad: 2
 Site Address: 914 Waters Edge Dr City: Corsicana County: Navarro
 Site Evaluator: N/A Designer: Phillip Marklar Proposed Installer: RCA
 Reservoir: RC

Date of Review	<u>8-5-14</u>	<u>8-5-14</u>	
Reviewer's Name	Harrison	Robinson	
Reviewer's Lic. #	OS28839	OS8058	OS

(Yes, No, NA)

<u>Y</u>	<u>Y</u>	
<u>Y</u>	<u>Y</u>	
<u>Y</u>	<u>Y</u>	
<u>Y</u>	<u>Y</u>	
<u>Y</u>	<u>Y</u>	

	<u>N/A</u>	

<u>Y</u>	<u>Y</u>	
<u>Y</u>	<u>Y</u>	
<u>NA</u>	<u>N/A</u>	
<u>Y</u>	<u>Y</u>	
<u>N/A</u>	<u>N/A</u>	
<u>Y</u>	<u>Y</u>	

<u>N/A</u>	<u>N/A</u>	
<u>Y</u>	<u>Y</u>	
<u>Y</u>	<u>Y</u>	
<u>Y</u>	<u>Y</u>	

<u>N/A</u>	<u>N/A</u>	
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<u>Y</u>	<u>Y</u>	
<u>Y</u>	<u>Y</u>	
<u>Existing</u>	<u>Existing</u>	
<u>N/A</u>	<u>N/A</u>	

1 Application Form

- A. All spaces either filled in or marked N/A
- B. Signature of owner or agent
- C. Name, license number of designer
- D. Name, license number of proposed installer
- E. Legal description of lot

2 Site Evaluation

- A. Scale drawing of site and soil boring locations
- B. Soil evaluation per USGS to include depth, type, restrictive horizons
- C. Sanitary easement from public water well, if applicable
- D. Gravel analysis, if applicable
- E. Signed and sealed by Site Evaluator

3 Design Document

- A. Signed and sealed by designer
- B. Proposed installation drawing to scale
- C. Standard drainfield disposal system
- D. Proprietary disposal system
- E. Nonstandard disposal system
- F. Maximum daily wastewater inflow addressed

4 Aerobic Treatment Systems

- A. Chlorination and alarm required
- B. 100 micron filter included in design
- C. Property line setback addressed
- D. Timer required by Design

5 Variance Documentation

- A. Appropriate documentation for variance request, if applicable

6 Ancillary Documents

- A. Plat and/or survey
- B. Maintenance contract (4 inspections/year)
- C. Affidavit to the Public
- D. Affidavit to Join Property

COMMENTS: _____

Note! Minimum of two reviews required before issuance.

ATC Issue Date: 8-5-14 Issued By: [Signature] License #: OS-28839

Revised 3/29/12