



INFORMATION ABOUT ON-SITE SEWER FACILITY

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CONCERNING THE PROPERTY AT

398 CR 264
Moulton, Tx 77975

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

- (1) Type of Treatment System: ☐ Septic Tank ☒ Aerobic Treatment ☐ Unknown
- (2) Type of Distribution System: Surface Spray ☐ Unknown
- (3) Approximate Location of Drain Field or Distribution System: Field on north side of house ☐ Unknown
- (4) Installer: SM Septic Systems ☐ Unknown
- (5) Approximate Age: 4.5 years ☐ 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: SM Septic Systems
Phone: 361-772-1754 contract expiration date: _____
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? Has not been necessary
- (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:

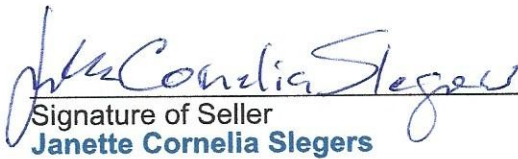
- (1) The following items concerning the on-site sewer facility are attached:
☒ planning materials ☒ permit for original installation ☐ final inspection when OSSF was installed
☐ maintenance contract ☒ manufacturer information ☐ warranty information
- (2) "Planning materials" are the supporting materials 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.

Information about On-Site Sewer Facility concerning _____

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.

<u>Facility</u>	<u>Usage (gal/day) without water- saving devices</u>	<u>Usage (gal/day) with water- saving devices</u>
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.

 8/9/2025
Signature of Seller Date

Signature of Seller Date

Receipt acknowledged by:

Signature of Buyer Date

Signature of Buyer Date

5M Septic Systems, LLC

4236 FM 340

Hallettsville, TX 77964

(361) 798-9320

FiveMSepticSystems@outlook.com

Owner Phone: (661) 900-3070

Janet Slegers

398 CR 264

Moulton, TX 77975

Agency: Lavaca County

County: Lavaca

Site Address: 398 CR 264, Moulton Permit #: 2020-144

System Info: MFG: Brand: PRO-FLO

Customer ID: 447

Treatment Type: Aerobic

Disposal Type: Surface Application

Insp ID: 6266

System S/N: PF5-34516

Visit Details

Visit Date: 4/7/2025

Entered By:

Scheduled Date: 4/22/2025

Time In: 12:30

Contract Starts: 12/22/2024

Entered On: 4/29/2025

Time Out: 12:41

Contract Ends: 12/22/2025

Visit Results

Service Type: Scheduled Inspection

Printed: 4/29/2025

Count: Inspection 1 of 3

Method: Grab

License #

Expires

Technician: Simon Machicek

Provider: Tony Machicek

MP0000689

☒ Service Completed

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: .3

Sludge Level Tank 1: low

Sludge Level Tank 2: low

Sludge Level Tank 3: low

Sludge Level Tank 4: low

Floats: OP

Timer: OP

Tank Lid / Riser: Secured

Insp. Port / Plug: Secured

Electric Circuits: Operational

Distribution System: Operational

Drip/Sprayfield Veg: Operational

Alarm: Operational

OK System Light: Op

Comments

- 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 4/29/2025.

Provider: Tony Machicek

License: Number: MP0000689 Exp:

LAVACA COUNTY PERMIT & INSPECTION DEPARTMENT
P.O. Box 243
109 N. LaGrange
Hallettsville, Texas 77964
Email: lavacacounty@lavaca-texas.com (361) 798-5310 / (361) 798-5490 fax
APPLICATION FOR ON-SITE SEWAGE SYSTEM FACILITY
New Construction and Alteration

RECEIPT # _____ ISSUED _____ PERMIT # _____ ISSUED _____
APPLICANT'S NAME Joseph Rapoza & Karah
MAILING ADDRESS 398 Cl 264
(number and street or P.O. box)
Moulton Tx 77975
(city) (zip)
830-339-9064
(home phone) (work phone)

PROPERTY DESCRIPTION 398 Cl 264 Moulton Tx 77975
PHYSICAL ADDRESS
LEGAL DESCRIPTION Add'l Williamson Daniels 9 Acres
(include lot size and or acreage)

WATER SUPPLY
IF PUBLIC WATER SUPPLY _____
(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:

Permit Fees: 5325 Commercial Aerobic (includes M.C. fee) 5300 Commercial all other systems
5275 Aerobic (includes \$25 M.C. Fee) 5250 all other systems

☒ SURFACE APPLICATION ☐ PUMPED EFFLUENT ☐ LOW PRESSURE DOSING ☐ STANDARD
☐ DRIP IRRIGATION _____ FT. ☐ OTHER _____

SITE EVALUATOR Tony Machick 27126 361 772 1754
(state license # email and phone #)
SYSTEM DESIGNER Bruce M. Miller 3253 361-781-2181
(state license # email and phone #)
SYSTEM INSTALLER Tony Machick 24920 361 772 1754
(state license # email and phone #)

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

Karah Rapoza 12-16-20
(Signature of Property Owner) (Date)
OSSF Application Form - App Form 1A - Created 6/7/2012

LAVACA COUNTY, TEXAS
FLOODPLAIN DETERMINATION APPLICATION

IF DETERMINATION IS MADE THAT:

THE PROPOSED PROPERTY IS LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA OF THE UNINCORPORATED AREA OF LAVACA COUNTY:

- It will require the filing of a permit for Development in a Special Flood Hazard Area (Step 2)

THE PROPOSED PROPERTY IS LOCATED OUTSIDE A SPECIAL FLOOD HAZARD AREA OF THE UNINCORPORATED AREA OF LAVACA COUNTY:

- No further documentation is necessary and all applicable permits will be released after applicable permit fees are received

Sec. A) APPLICANT INFORMATION (Property Owners Name)

Name of Applicant/Business Name:

Mailing Address (City, State, Zip):

Contact Number: (Area Code)

Email Address:

Sec. B) PROPERTY LOCATION INFORMATION

(Application will not be processed without at minimum legal description and physical description of property for determination purposes. If possible Submit with 911 Address if Known - Use back of this form if necessary)

If property is greater than 2 acres, please provide aerial map view showing location of proposed construction

Sec. C) NATURE OF PROPOSED CONSTRUCTION: (Be Specific and Use back of this form if necessary)

Possible Purchase ☐ New Construction ☐ Placement of Manufactured (Mobile) Home ☐ Substantial Improvements to Existing Structure ☒

Note: if substantial improvement box is checked, give estimated Cost of Substantial Improvement to existing structure: \$

Other Type Development (Specifics):

Type of Structure: Residential ☒ Commercial ☐ (Please define):

Sec. D) SIGN AND DATE BELOW (Application will not be processed unless signed and dated below and returned with applicable fee)

WARNING: By signing below you acknowledge that the flood hazard maps and other flood data used by the county in evaluating flood hazards to proposed developments are considered reasonable and accurate for regulatory purposes. On occasion, greater floods can and will occur and flood heights may be increased by man-made and natural causes. The county does not and cannot guarantee your property will not flood. Exempting you from the floodplain management regulations does not create any liability on the part of Lavaca County, or any officer or employee of that entity, in the event that flooding and/or flood damage occurs. (44CFR 60.3)(1) requires permits for all proposed construction or other development in the county, including the placement of Mobile/Manufactured Homes within flood-prone areas (Special Flood Hazard Areas). The purpose of this Determination Application is to determine if the proposed development will be developed in or out of the SFHA. If the determination shows the proposed development to be located inside the SFHA then further permitting is mandatory. Also, if necessary and by signing below, I/We hereby grant permission to the Lavaca County Floodplain Administrator to enter upon the above described property in order to make a proper and accurate determination of flood zone status.

Applicant(s) Signature(s)

Date

PLEASE RETURN COMPLETED FORM AND APPROPRIATE FEE TO:

Lavaca County Floodplain Administration
P.O. Box 243
109 N. La Grange Street
Hallettsville, Texas 77964
361-798-5310 / Fax: 361-798-5490

DETERMINATION STATUS (For Official Use Only)

Is the proposed development site located within a Special Flood Hazard Area? NO YES (If YES then further steps to be taken for SFHA DP)

ZONE: COMMUNITY NUMBER: 481178 PANEL NUMBER: FIRM DATE:

Floodplain Administrator Signature: Date: Precinct No:

Development Permit #:

OSSF Permit # (If Applicable):

Permit Fee Schedule Number Applied:	SFHA-1	SFHA-2	SFHA-3	SFHA-4	SFHA-5	PIPE-1	PIPE-2	PIPE-3	DP-1	DP-2	DP-3
Amount Due: \$	Cash	M/O	Check	(Check #)							

Receipt Number:

Revised 11/10/23/14

Home Environmental Services
806 Foxglove Edna, Texas 77957
Phone / Fax 361-782-0233
Bruce Miller R. S., OS 10553

Design: # 20 - 314



Septic System Design Date: 12-17-20
For: Joseph & Karah Rapoza

12-17-20
Bruce Miller

A. Wastewater - (Ch. 285.91.3)

A design for a 3 bedroom house with <2,500 sf of living area.
With water saving devices.
Wastewater Load - Use 240 gallons per day.

B. Proposed Treatment Facility - (Ch. 285.91.2) 360 ATU min. required.
Pro Flow 500 Aerobic Surface Spray Application System - Proprietary
Or Equivalent.

500 gallon per day treatment capacity.
400 gallon trash tank built into unit.
771 gallon pump tank
Night spray = $240 + 1/3 \text{ daily } 80 + 168 \text{ pump residual} = 488 \text{ total.}$

C. Chlorinator -

Liquid Chlorinator is built into the Pro Flow 500 Treatment System.

D. Surface Application Area - (ch. 285. 91, III & 285.90, fig. 1)

$Q_d / R_i = \text{Total Square Feet}$
 $240 \text{ gpd} / .045 = 5,333 - \text{Square Feet minimum surface area required.}$

E. Nozzles -

Use low angle KRain ProPlus spray heads, 2 - 30'r @ 3.1 gallon each nozzle,
or equivalent.
40 psi, 2 = 6.2 gpm,
Size application area to 5,652 SF
(2-#3 LA nozzles - 30'r)

F. Pump Requirements -

2 - nozzles = 6.2 gpm
Total head = 40 psi + friction loss of 145' of 1" pipe + elevation head
 $1.45 \times 2.13 \times 1.2 + 5 = 8.70 + 93 = 101.70 \text{ Total Dynamic Head in feet}$
Pump required = 6.2 gpm @ 102 Feet of Total Head,
Use 1/2 HP 20 gpm, Franklin Series E or equivalent.

G. Pump Tank : 771 Gallons @ 14.01 GPI

- 1) Pump Tank Volume is 771 gallons
- 2) Pump Float Settings from bottom of tank.

Pump	12 inches, 168 gallons residual
Pump On	12 inches (420 gallons) Level Override if equipped
Alarm On	40 inches
Reserve	363 gallons (80 min. required)

H. Time -

Pump to be set to discharge between 12:00 midnight and 5 a.m.

I. Landscape Plan -

1) The site should have existing cover or be seeded, covered with sod, or landscaped with grasses, evergreen shrubs, bushes or other vegetation acceptable to the permitting authority. The disposal area can also be made up of landscaped beds of ornamental mixed vegetation. Surface application effluent should not be applied to soils used to produce fruits vegetables, or other crops for human consumption. The vegetation shall be capable of growth, before system startup.

Type of cover at site - Pasture Grass.

2) There shall be nothing in the surface application area within ten (10) feet of sprinkler which would interfere with the uniform application of the effluent.

3) The landscape shall be maintained by the owner to prevent sprinkler head interference, and uniform application of effluent.

4) The application area shall be finish graded for positive drainage if necessary.

5) Garbage grinders are not recommended.

J. Notes and Additional Specification Requirements -

If discrepancies exist between the design and actual site 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.

It is the installer's responsibility to review the design criteria for construction.

Deviation from guidelines used to produce this design by anyone will invalidate this design.

K. Other-

- 1) Water Softener must not drain into aerobic treatment unit.
- 2) Surface improvements shall not be allowed in the surface application area.
- 3) Owner shall dispose of cigarette butts, personal hygiene products, and other trash in the garbage.
- 4) Condensate from air conditioners, ice machines, coolers, should be diverted out of system or allowed for in initial design considerations.
- 5) The chlorinator shall be maintained by the owner with an adequate amount, and proper type of chlorine tablets or liquid.

Disclaimer:

Any warranty of the product (s) installed are those made by the manufacturer. The designer expressly disclaims all warranties, expressed or implied including implied warranty of a particular purpose, and designer neither assumes nor authorizes any other person to assume for it any liability in connection with the design, installation, operation of the product. The permit holder assumes full responsibility of this system following final inspection approval by the permitting authority

L. Floodplain - Special Considerations - 285.31 (c) (2) If "In" Floodplain. No

Although the septic system is not in a regulated "floodway", special considerations should be adhered to when installing this system in the 100 year "floodplain".

Place all electrical components above the 100 year floodplain.

After placement of tank(s), all compartments are to be filled to operational levels immediately to prevent floating in the event of flooding.

Even though the velocities of floodwater in this area will be minimal or high, at least 10" of cover must be placed over septic tank(s) to resist erosion and damage to system.

Watertight lids shall be installed over every manhole and opening to resist infiltration of floodwaters.

Tank will not float with all compartments at proper operating levels per manufacturer.

Joseph & Leah Raposa

398 CC 264

Moulton Tx 77975

3 Bedroom - 2500

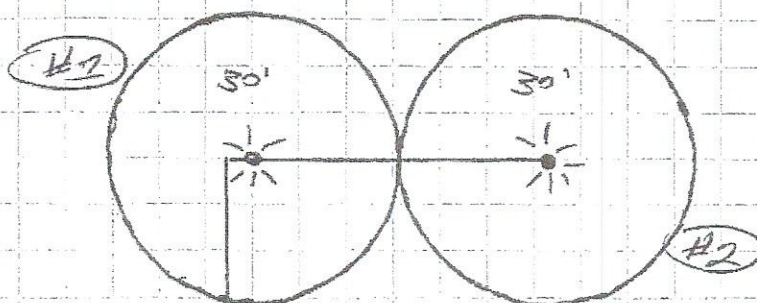
240 gpd.

$$240 \text{ gpd} \div .045 = 5333^{\text{sf}}$$

Oversize to!

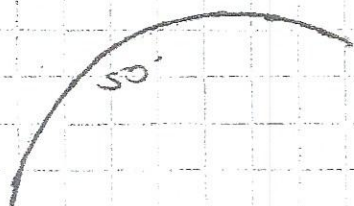
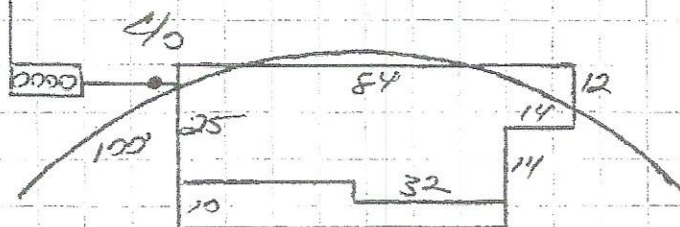
$$2-30R = 5652^{\text{sf}}$$

(A-10-)



(✓ Slope 1.2%)

Proflo 500



• Well

(Flood Zone X)



(Scale 1" = 40')

12-12-20
Baker Math Rd

LAVACA COUNTY PERMIT & INSPECTION DEPARTMENT

109 N. La Grange Street P.O. Box 243 Hallettsville, Texas 77964

Office (361) 798-5310 Fax (361) 798-5490 Email: lavacaossf@co.lavaca.tx.us

NOTICE OF APPROVAL TO CONSTRUCT AND OPERATE

AN ON-SITE SEWAGE FACILITY (OSSF) IN LAVACA COUNTY, TEXAS

PERMIT NUMBER 2020 OSSF-2018-144 DATE ISSUED 12-18-20 RECEIPT 055819 GPD 240
 PROPERTY OWNER Joseph Rapoza MAILING ADDRESS 398CR264 Moulton Tr 77975
 PROPERTY LOCATION Same SIZE OF STRUCTURE 2500SF/3 Bedroom/w-wso

STANDARD

SEPTIC TANK CAPACITY _____ REQUIRED ABSORPTIVE AREA _____
 ACTUAL FOOTAGE OF TRENCH TO BE INSTALLED _____ ACTUAL SQ. FOOTAGE OF ABSORPTIVE AREA TO BE INSTALLED _____

LPD

REQUIRED DRAINFIELD AREA _____
 TOTAL APPLICATION AREA _____
 NUMBER/LENGTH OF DISTRIBUTION LINES _____ TRENCH WIDTH _____ GRAVEL DEPTH _____

AEROBIC

TYPE OF SYSTEM Pro Flo 500 GAL PRETREATMENT/TRASH TANK 100 GPD AEROBIC UNIT 500
 GAL PUMP TANK 771
 SPRAYFIELD AREA (SF MIN SF AREA 240 GPD/.045 = 5,333 SF INSTALLED PER DESIGN 30x30x3.14x2 = 5652 SF)

DISPOSAL FIELD SPRAY HEAD SPECS	TYPE	NO.	GPM	PSI	RADIUS
NOZZELL #1	K-Rain	3	3.1	40	30'
NOZZELL #2	K-Rain	3	3.1	40	30'
NOZZELL #3					

LAVACA COUNTY REQUIRES A MAINTENANCE CONTRACT FOR THE LIFE OF ALL AEROBIC SYSTEMS. REPORTS SHALL BE SUBMITTED BY THE SERVICE PROVIDER 3 TIMES PER YEAR FOR THE FIRST TWO YEARS OF SERVICE BY THE LAST DAY OF THE FOLLOWING MONTHS:

April 2018/2019 August 2018/2019 December 2018/2019

ANY MODIFICATIONS TO THE STRUCTURE, SYSTEM COMPONENTS, OR CHANGES OF OWNERSHIP MAY REQUIRE A NEW PERMIT. It is the responsibility of the owner to notify this office of the aforementioned changes.

APPROVAL TO CONSTRUCT 12-18-20

INSPECTED BY: Gary Etzler
 TCEQ DR LICENSE# OS0031627

APPROVAL TO OPERATE 12-22-20

INSPECTED BY: Gary Etzler
 TCEQ DR LICENSE# OS0031627

Signed by Licensed Installer

Date 12-22-20

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). This TCEQ On-Site Sewage Facility Permit is issued for the operation of the above-identified on-site sewage facility.