

☒ New Installation

HAMILTON COUNTY

☐ Modification

APPLICATION FOR ON-SITE SEWAGE FACILITY 09-Waco (TCEQ Regional Number)

COUNTY OF INSTALLATION-Hamilton

Office Use Only

Application No.

Date

Amount

1. Property Owner's Name: VOTH, BRENT
(Last) (First) (Middle)
2. Current Mailing Address: 113 OAK MEADOW DR., GEORGETOWN, TX 7862
(Administrative Action 08-23-04)
3. Daytime Telephone No.: 512-868-3225
4. 911 Site Address: 97 RR 1047
5. Legal Description: Sec. _____ Block _____ Lot _____ Plat Date _____
Subdivision: WEATHERS
Other than Subdivision: Acreage: 2.10 ACRES Survey Name: _____
Abstract Name/No.: _____
6. Physical Location/Directions to Site: 3 MILES NORTH OF STAR, TX
ON WEST SIDE OF RR 1047
7. Source of Water: ☒ Private Well ☐ Public Water Supply _____
(Name of Supplier)
8. Single Family Residence: No. of Bedrooms 3 Living Area (sq ft) 1697
9. Commercial/Institutional (including multi-family residences) Type: _____
No. of Employees/Occupants/Units: _____ Days Occupied Per Week: _____
10. Site Evaluator: Roger Horton License No. 050009697
Phone No.: 325-648-3810
11. Designer: Roger Horton License No. (PE or RS) 050009697
Phone No.: 325-648-3810
11. Installer: Roger Horton License No. 050000749
Phone No.: 325-648-3810

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to Macky Thedford, Hamilton County On-Site Sewage Inspector to enter upon the above described property for the purpose of soil/site evaluation and investigation of an on-site sewage facility.

If you have questions on how to fill out this form or about the on-site sewage facility program, please contact us at the Hamilton County Clerk's office or at 254-386-3518. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 254-386-3518.

12. Brent Voth
(Signature of Owner)

09/10/08
(Date)

ATTACH A COPY OF THE SURVEY PLAT FOR YOUR PROPERTY UPON WHICH THIS SYSTEM IS TO BE INSTALLED. (ADOPTED 4-26-2004)

HAMILTON COUNTY
ON-SITE SEWAGE FACILITY
TECHNICAL INFORMATION FOR PERMIT

APPLICATION # _____

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

Owner's Name: Brent Voth County: Hamilton
Professional design required? ☐ Yes ☒ No If yes, professional design attached: ☐ Yes ☐ No

I. SEWER (House drain):

Type and Size of Pipe: 3" sch 40 Slope of Sewer Pipe to Tank: 1/8" per ft

II. DAILY WASTEWATER USAGE RATE: Q= 300 (gallons/day)

Water Saving Devices: ☐ Yes ☒ No

III. TREATMENT UNIT: ☒ Septic Tank ☐ Aerobic Unit

A. • Tank Dimensions: 112" L 83" W 53" H Liquid Depth (Bottom of Tank to Outlet): 40"

• Size Required: 1000 gal • Size Proposed: 1000 gal

• Manufacturer: Buchanan Septic Material/Model #: concrete

• Pretreatment Tank: ☐ Yes Size: _____ (gal) ☐ No ☐ N/A

B. Other: _____

(Please attach description)

IV. DISPOSAL SYSTEM: Type: infiltrator panels

• Area Required: 40 panels • Area Proposed: 40 panels

V. ADDITIONAL INFORMATION:

NOTE-THIS INFORMATION MUST BE ATTACHED FOR REVIEW TO BE COMPLETED.

A. Soil/Site Evaluation

B. Planning Materials

The attached checklist details those items that must be addressed under each of these categories.

Roger Foster
Designer's Signature

050009697
License No.

9-9-08
Date

HAMILTON COUNTY ON-SITE PROGRAM

SITE EVALUATION AND PLANNING MATERIALS FOR AN ON-SITE SEWAGE FACILITY

The following information must be submitted with the design package for review by Hamilton County.
Failure to include or address all of the following items may result in approval delays.

Application No. _____

Applicant/Site Information		Site Evaluator Information	
Name	BRENT POTK	Name	Roger H. Joy
Address	97 FM 1047	Address	Box 386
City, State, Zip	Star, Tx	City, State, Zip	Goldthwaite Texas
Phone No.		Phone No.	325-648-3810
County	HAMILTON Co	License No.	050009697

Additional Information:

SITE EVALUATION: A minimum of two soil borings or backhoe pits must be excavated at opposite ends of the proposed disposal area. The borings or pits must be excavated to a depth of two feet below the proposed excavation, or to a restrictive horizon, whichever is less. The boring or pit locations must be indicated. This report shall include a groundwater evaluation, a surface drainage analysis, and all applicable minimum separation requirements.

PLANNING MATERIALS: The proposed treatment and disposal system shall be prepared based on the site evaluation. The submittal requirements must include the following details.

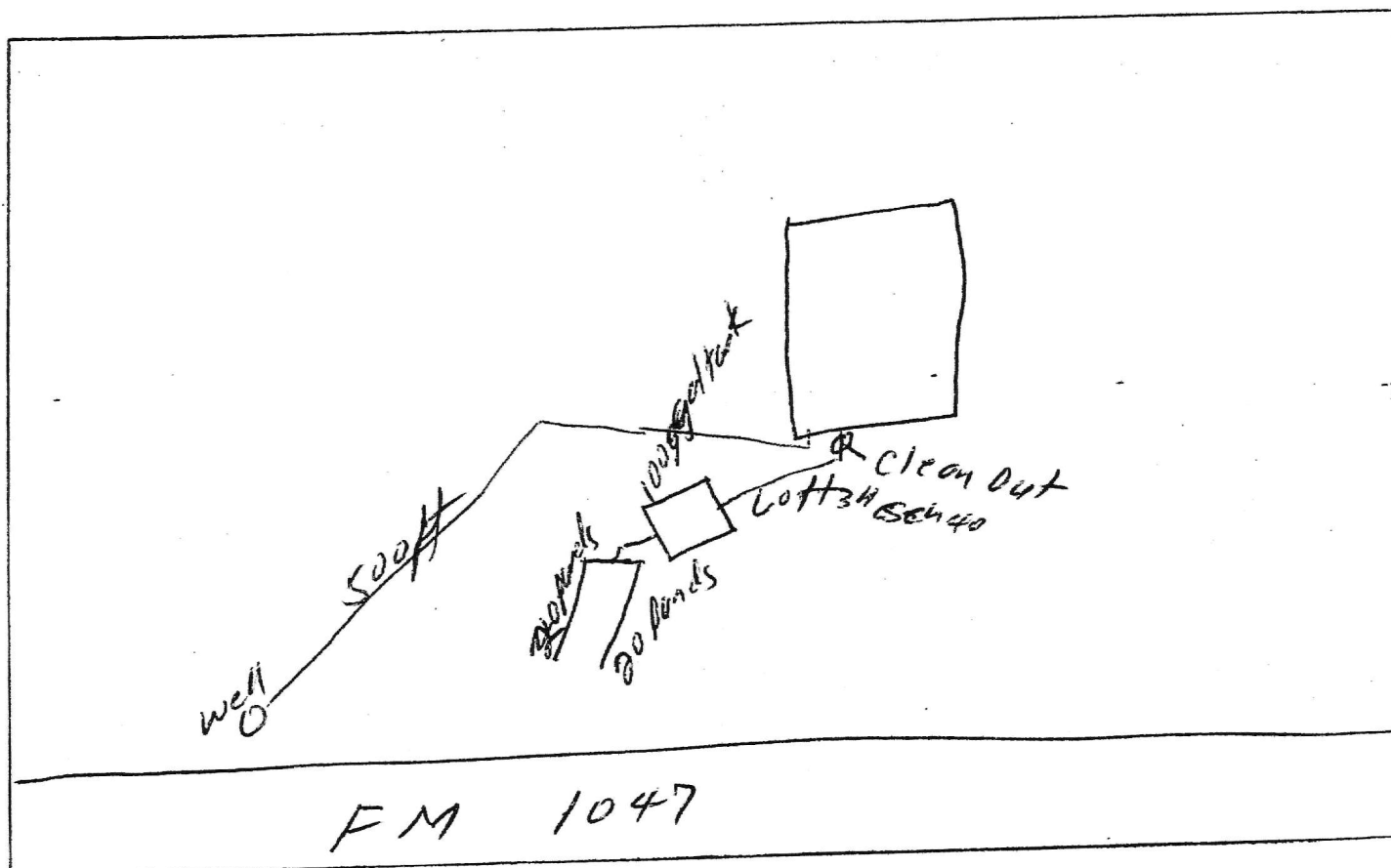
- ☐ A scale drawing of the on-site sewage facility, showing all structures served.
- ☐ Submittals prepared by a professional engineer or professional sanitarian must be sealed, dated and signed.
- ☐ Proposed designs must comply with all separation distances identified in Table X.
- ☐ A sectional view of the tanks, including pump tanks, and excavations must be submitted.

Soil Boring/Backhoe Pit Number <u>1</u>						
Depth (Feet)	Soil Class	Gravel Analysis	Restrictive Horizon	Groundwater	Topography	Flood Hazard
0	Top Soil Class II Clayey Class III		None	None		None
1						
2						
3						
4						
5						
6						
7						

Soil Boring/Backhoe Pit Number <u>2</u>						
Depth (Feet)	Soil Class	Gravel Analysis	Restrictive Horizon	Groundwater	Topography	Flood Hazard
0	Top Soil Class II		None	None		None
1						
2						
3	Caliche Class III					
4						
5						
6						
7						

Schematic of Lot or Tract/Site Drawing

Scale: 1 inch=50 feet/or appropriate



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

Signature: Roger Horton
(Site Evaluator)

Date 9-9-08

**HAMILTON COUNTY
ON-SITE SEWAGE FACILITY PROGRAM
INSTALLATION INVESTIGATION REPORT
STANDARD SYSTEM**

Page 1 of 2

Property Owner	Brent Voth	Permit Number	
Region Number		Installer Name & License Number	Roger Horton 050000749
Investigator		Site Evaluator Name & License Number	Roger Horton 05000 9697

All "No" Answers Require Comment

I. SITE AND SOIL CONDITIONS & SET BACK DISTANCES		Y	N
Site and Soil Conditions Consistent with Submitted Planning Materials	§285.30 & §285.31	Y	
Setback Distances Meet Minimum Standards	§285.30(b)(4), §285.31(d) & §285.91(10)	Y	
II. SEWER PIPE §285.32(a)(1-7)		Y	N
Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	§285.32(a)(1)	Y	
Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	§285.32(a)(3)	Y	
Two Way Sanitary-Type Clean-out Properly Installed (Add. C/O Every 50' &/or 90° bends)	§285.32(a)(5)	Y	

III. SEPTIC TANK §285.32(b)(1)(A)-(F) and 285.91(2)		Y	N
Septic tank(s) meet minimum requirements (tank volume; water tight seal inlet and outlet devices; baffles and series tanks; inspection and clean-out ports; design and construction materials current ASTM C 1227 Standards; risers and installation of tanks)		Y	
Tank Volume Required	1000 Gallons	Tank Volume Installed	1000 Gallons
Material of tank installed	Concrete	Manufacturer of tank installed	Buchanan Septic
Inlet Flow-line Greater than 3" and "T" Provided on Inlet and Outlet	§285.32(b)(1)(B)	Y	
If Single Tank, are 2 Compartments Provided with Baffle	§285.32(b)(1)(C)(i)	Y	
Inspection/Clean-Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped	§285.32(b)(1)(D)		N
Tank(s) Watertight	§285.32(b)(1)(E)	Y	
Tank(s) Clearly Marked	§285.32(b)(1)(E)(iv)	Y	
Outlet Liquid Penetration 25% to 50% Total Liquid depth at least 30"	§285.32(b)(1)(A) & §285.32(b)(1)(C)(i)	Y	
Greater than 1/2 of Total Volume in Primary Tank or Compartment (1/3 for Tank 3)	§285.32(b)(1)(C)(ii)	Y	
Minimum 12 inch drop from the bottom of the outlet pipe to the bottom of the disposal area	§285.32(b)(1)(F)	Y	

IV. DRAINFIELD CRITERIA FOR EFFLUENT DISPOSAL SYSTEM §285.33(b)	
Absorptive Drain-line ☐ 3" PVC ☐ 4" PVC ☐ N/A	☐ 8" or ☐ 10" Gravel-less Pipe ☐ N/A
☒ Leaching Chambers	Manufacturer: Intellitector

HAMILTON COUNTY
ON-SITE SEWAGE FACILITY PROGRAM
INSTALLATION INVESTIGATION REPORT
STANDARD SYSTEM
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Property Owner	<i>Brent Koth</i>	Permit Number	
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IV: DRAINFIELD (Continued)

Area Required:			Area Installed:		
Standard	§285.33(b)(1)(A)(vii)		Standard	§285.33(b)(1)(A)(vii)	
Gravel-less	§285.33(c)(1)(C)		Gravel-less	§285.33(c)(1)(C)	
Leaching Chambers	§285.33(c)(2)(A)(i) or (ii)	<i>40 panels</i>	Leaching Chambers	§285.33(c)(2)(A)(i) or (ii)	<i>40 panels</i>
Excavation Width	§285.33(b)(1)(A)(iv)	<i>3 ft</i>	Excavation Depth	§285.33(b)(1)(A)(i) & (ii)	<i>3 ft</i>
Excavation Separation	§285.33(b)(1)(A)(iii)	<i>12 ft</i>	Multiple Excavations	§285.33(b)(1)(A)(iii)	
Depth of Porous Media	§285.33(b)(1)(D)		Type of Porous Media	§285.33(b)(1)(B)(i-ii)	
				Y	N
Level to within 1 inch per 25 feet				<i>Y</i>	
Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (<i>per manufacturers spec.</i>).				<i>Y</i>	
Pipe and Gravel - Geotextile Fabric in Place					<i>N</i>
Gravel-less Pipe - Couplings, Endcaps, Off-Set Connectors, and Filter Wrap in Place					<i>N</i>
Gravel-less Pipe - Inspection Port in Place					<i>N</i>

COMMENTS:

HAMILTON COUNTY ON-SITE SEWAGE FACILITY PROGRAM INSTALLATION INVESTIGATION REPORT SURFACE SPRAY APPLICATION

Page 1 of 2

Property Owner	<i>Brent Voth</i>	Permit Number	
Region Number		Installer Name & License Number	<i>Roger Horton 050000749</i>
Investigator		Site Evaluator Name & License Number	<i>Roger Horton 050009697</i>
Designer Name & License (P.E. or R.S.)	<i>Roger Horton 050009697</i>		

All "No" Answers Require Comment

I. SITE AND SOIL CONDITIONS & SET BACK DISTANCES		Y	N
Site and Soil Conditions Consistent with Submitted Planning Materials	§285.30 & §285.31	Y	
Setback Distances Meet Minimum Standards	§285.30(b)(4), §285.31(d) & §285.91(10)	Y	
II. SEWER PIPE §285.32(a)(1-7)		Y	N
Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	§285.32(a)(1)	Y	
Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	§285.32(a)(3)	Y	
Two Way Sanitary-Type Clean-out Properly Installed (Add. C/O Every 50' &/or 90° bends)	§285.32(a)(5)	Y	

III. PRETREATMENT (Liquid Depth Not Less Than 30") §285.32(b)(1)(A)-(G)		Y	N
Is Pretreatment installed if required? TCEQ Approved List...	§285.32(b)(1)(G)		N
Installed on 4" Sand Cushion/Proper Backfill Used	§285.32(b)(1)(F)	Y	
Grease interceptors if required for commercial	§285.34(d)		N
Approved effluent filter in place if required T	§285.34(a)		N
Tank Volume Required	1000	Gallon	Tank Volume Installed
Tank Material (Type)	<i>Concrete</i>		Manufacturer <i>Buchanan Static</i>

IV. AEROBIC TREATMENT UNIT		Y	N
Is Aerobic Unit Installed According to Approved Guidelines?			
Chlorinator Properly Installed with Chlorine Tablets in Place			
Maintenance Tag in Place			
Unit Size Required	gpd	Unit Size Installed	gpd
Manufacturer of Aerobic Treatment Unit:			
Unit Model Number	Aerator Model Number		
Unit Serial Number	Aerator Serial Number		

**HAMILTON COUNTY
ON-SITE SEWAGE FACILITY PROGRAM
INSTALLATION INVESTIGATION REPORT
SURFACE SPRAY APPLICATION**

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Property Owner	<i>Brent Votz</i>	Permit Number	
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V. PUMP TANK		<i>NA</i>		All "No" Answers Require Comment	
		Y	N		
Is the Pump Tank an approved concrete tank or other acceptable materials & construction?	§285.32(b)(1)(E)(i) §285.34(b)				
Sampling Port Provided in the Treated Effluent Line	§285.33(d)(2)(G)(iv)				
Check Valve and/or Anti-Siphon Device Present When Required	§285.34(b)(1)				
Audible and Visual High Water Alarm Installed on Separate Circuit From Pump	§285.34(b)(1)				
Full Day + 1/3 Day Flow When Property Line Setbacks are < 20' and Irrigation Timers installed if Required; Required reserve capacity present	§285.34(b)(2) §285.33(d)(2)(G)(iii)(I)				
Elec. Connections in Approved Junction Boxes/Wiring Buried	§285.34(c)				
Tank Volume Required	Gallon	Tank Volume Installed	Gallon		
Tank Material (Type)		Manufacturer			
Pump Model Number		Pump Serial Number			
Type/Size of Pump Installed	Hp	New	Used	Unknown	

VI. APPLICATION AREA §285.33(d)(1) & (2)		Y	N
Low Angle Nozzles Used, Pressure is as required	§285.33(d)(2)(G)(i)		
Acceptable area, nothing within 10 ft. of sprinkler heads?	§285.33(d)(2)(A)		
The landscape plan is as designed	§285.33(d)(2)(F)		
Distribution Pipe, fitting, sprinkler heads & valve covers color coded purple?	§285.33(d)(2)(G)(i-v)		
Minimum Area Required	(sq ft)	Area Installed	(sq ft)

COMMENTS: