

JUL 09 2018

Approved

REQUEST FOR AGENDA PLACEMENT FORM

Submission Deadline - Tuesday, 12:00 PM before Court Dates

SUBMITTED BY: David Disheroon **TODAY'S DATE:** 06/22/2018

DEPARTMENT: Public Works

SIGNATURE OF DEPARTMENT HEAD: _____

REQUESTED AGENDA DATE: 07/09/2018

SPECIFIC AGENDA WORDING: Consideration of variance for two structures on one septic system at 4801 County Road 312 in Precinct 4 -Public Works Department

PERSON(S) TO PRESENT ITEM: David Disheroon

SUPPORT MATERIAL: (Must enclose supporting documentation)

TIME: 10 minutes **ACTION ITEM:** X

WORKSHOP _____

(Anticipated number of minutes needed to discuss item) **CONSENT:** _____

EXECUTIVE: _____

STAFF NOTICE:

COUNTY ATTORNEY: _____ **IT DEPARTMENT:** _____

AUDITOR: _____ **PURCHASING DEPARTMENT:** _____

PERSONNEL: _____ **PUBLIC WORKS:** X

BUDGET COORDINATOR: _____ **OTHER:** _____

*****This Section to be Completed by County Judge's Office*****

ASSIGNED AGENDA DATE: _____

REQUEST RECEIVED BY COUNTY JUDGE'S OFFICE _____

COURT MEMBER APPROVAL _____ Date _____



[Handwritten Signature]

Variance Request for Septic System

Johnson County Subdivision Rules and Regulations state only one septic system per one (1) acre, Section VII A. Variance fee is \$100 per request. To request a variance for the purpose of:

- installing a septic system on a lot or tract of less than an acre or
- two residences structures on one (1) septic system or
- installing a second septic system on a lot less than 2 acres

Please provide the following information. This request will be presented to the Commissioner's Court for their decision.

Owner Zachary Thompson Date 6-19-18
 Phone no. 817-458-2673
 Email address zacgun@yahoo.com

Property Information for Variance Request:

Property 911 address 4801 County Road 312 Cleburne Tx 76031
 Subdivision name _____ Block _____ Lot _____
 Survey D millikan Abstract 540 Acreage 22
 Size of existing residence: 2600 sq. ft.

Does this lot currently have a septic system? Yes No System type arboic

ETJ: Yes - City _____ No

Is a part of the property located in a FEMA designated Floodplain? Yes No

Reason for request Tack Room Shower + Toilet in Barn

Provide the following with this request:

- Copy of your plat if property has been platted
- Copy of property deed
- Survey or drawing showing existing home, buildings, existing & proposed septic system locations

Legal Description: Metes and Bounds Acreage: 22
 Recorded deed: Volume _____ Page _____ Survey D millikan Abstract 540
 -OR- Subdivision: _____ Lot #: _____ Blk #: _____ Phase / Section #: _____
 Well Water or Water provider Coop Johnson County
Is this Building: choose one New or Existing
choose one Site Built or Manufactured/Mobile Home Building Square Feet: 2600
choose one Single Family # Bedrooms 4 or Multi-Family # Bedrooms _____
 Commercial # Employees _____

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given for Johnson County Public Works to enter upon the above described property for the purpose of site evaluation and investigation of an on-site sewage facility.

Zachary Thompson
(Signature of Owner or Representative)

(Date)



JOHNSON COUNTY PUBLIC WORKS

2 North Mill Street/Suite 305, Cleburne, TX 76033
development@johnsoncountytexas.org (817) 556-6380

Application for 'Authorization to Construct' OSSF System

Office use only Precinct _____

Authorization to Construct Permit # _____ Firm Panel _____

This is to certify that: _____ has paid a fee of:

\$475.00 Aerobic Septic Systems \$375.00 All other Septic Systems

and has complied with the rules and regulations of this department for the construction of a private liquid waste disposal system – address and owner listed below.

Inspector approval: [Signature] Date 6.19.18

This AUTHORIZATION TO CONSTRUCT is only valid with INSPECTOR APPROVAL and is valid for 1 year from the issue date unless revoked for non-compliance with the rules and regulations of this department

To be completed and signed by Property owner or authorized representative

Property Owner's Name: Zachary Thompson Phone number: 817-458-2673
 911 site address: 4801 County Road 312 Cleburne TX 76031
 Current mailing address: P.O. Box 894 Grandview, TX 76050

Please attach verification of legal description such as a copy of: Deed and Survey or other documentation

Legal Description: Metes and Bounds Acreage: 22
 Recorded deed: Volume _____ Page _____ Survey D millikan Abstract 590

-OR- Subdivision: _____ Lot #: _____ Blk #: _____ Phase / Section #: _____

Well Water or Water provider Coop Johnson County

Is this Building: choose one New or Existing
choose one Site Built or Manufactured/Mobile Home Building Square Feet: 2600
choose one Single Family # Bedrooms 4 or Multi-Family # Bedrooms _____
 Commercial # Employees _____

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given for Johnson County Public Works to enter upon the above described property for the purpose of site evaluation and investigation of an on-site sewage facility.

[Signature] _____ (Date) _____

.....

Site Evaluator: Doyle Culp License No. 11000
 Phone No: 817-295-2342 Other No. _____
 Mailing Address: P.O. Box 986 City Crowley State Tx Zip 76036
 Installer: _____ License No. _____
 Phone No: _____ Other No. _____
 Mailing Address: _____ City _____ State _____ Zip _____

****System must be installed according to specifications on attached design****



JOHNSON COUNTY PUBLIC WORKS

2 North Mill Street/Suite 305, Cleburne, TX 76033
development@johnsoncountytexas.org (817) 556-6380

ON-SITE SEWAGE FACILITY TECHNICAL INFORMATION FOR PERMIT

PROFESSIONAL DESIGN REQUIRED: Yes No If Yes, professional design attached: Yes No

Designer Name: Doyle Culp License Type and No. 2949 RS
Phone No. 817-297-2342 Other or Fax No. _____
Mailing Address: PO 986 City: Crowley State: TX Zip: 76036

I. TYPE AND SIZE OF PIPING FROM: (Example: 4: SCH 40 PVC)

Stub out to treatment tank: 3 inch PVC schd 40
Treatment tank to disposal system: 1/8 inch per foot

II. DAILY WASTEWATER USAGE RATE: Q= 315 (gallons/day)

Water Saving Devices: Yes No

III. TREATMENT UNIT(S): Septic Tank

Aerobic Unit Existing

A. Tank Dimensions: _____ Liquid Depth (bottom of tank to outlet): 52

Size proposed: 600 (gal)* Manufacturer: Clearestream

Material/Model# _____

Pretreatment Tank: Yes No NA Size: _____ (gal)

Pump/Lift Tank: Yes No NA Size: _____ (gal)

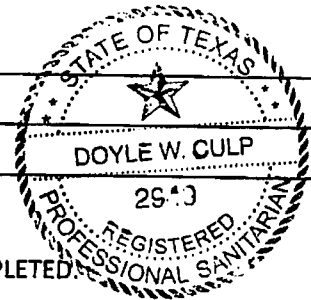
B. OTHER Yes No *If yes, please attach description.*

IV. DISPOSAL SYSTEM:

Disposal Type: Existing

Manufacturer and Model _____

Area Proposed: 5652 Area Required: _____



V. ADDITIONAL INFORMATION:

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

A. Soil/Site Evaluation B. Planning materials (If Applicable).

DO NOT BEGIN CONSTRUCTION PRIOR TO OBTAINING AUTHORIZATION TO CONSTRUCT. UNAUTHORIZED CONSTRUCTION CAN RESULT IN CIVIL AND/OR ADMINISTRATIVE PENALTIES.

SIGNATURE OF INSTALLER OR DESIGNER: [Signature] DATE: 5/30/18

JOHNSON COUNTY - OSSF SOIL EVALUATION FORM

Date Performed 12/14/14 5/29/18
 Owner's Name ZACK THOMPSON
 Physical Address 4801 CR 312 Cleburne TX
 Site Evaluator Doyle Culp O.S. Number 6470
 Proposed Excavation Depth _____

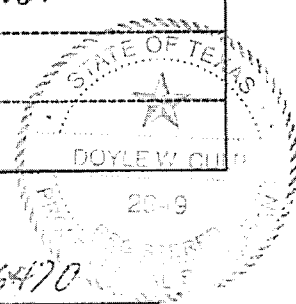
*At least two soil evaluations must be performed on the site, at opposite ends of the disposal area. Please show the results of each soil evaluation on a separate table. Locations of soil evaluations must be shown on site drawing.
 *For subsurface disposal, soil evaluations must be performed to a depth of at least 2 ft below the proposed excavation 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 depths.

Soil Boring Number B1

Depth Inches	Textural Class	Drainage/Mottles Water Table	Restrictive Horizon	Comments
12	Sandy Loam II	N/A	N/A	Suitable
24	18 →			
36	Clay II	N/A	YES	UNSUITABLE
48				
60				

Soil Boring Number B2

Depth Inches	Textural Class	Drainage/Mottles Water Table	Restrictive Horizon	Comments
12	Sandy Loam II	N/A	N/A	Suitable
24	16 →			
36	Clay II	N/A	YES	UNSUITABLE
48				
60				



I certify that the above statements are true and are based on my own field observations.

ATTESTED BY: Doyle Culp
 Signature _____
PO 986 Cleburne TX
 Address

Site Evaluator No. 6470
817-297-2342
 Phone

The test data and other information on this report is required by Johnson County. The design, construction and installation of each system is based upon specific conditions affecting each lot or tract and must be subsequently approved by Johnson County

Revised 7/10/2012

ORIGINAL

5/29/18

JOHNSON COUNTY - SITE EVALUATION REPORT

Date 12/9/14

Name ZACK THOMPSON Phone 517-680-8992

Address 4801 CR 312

PROPERTY LOCATION

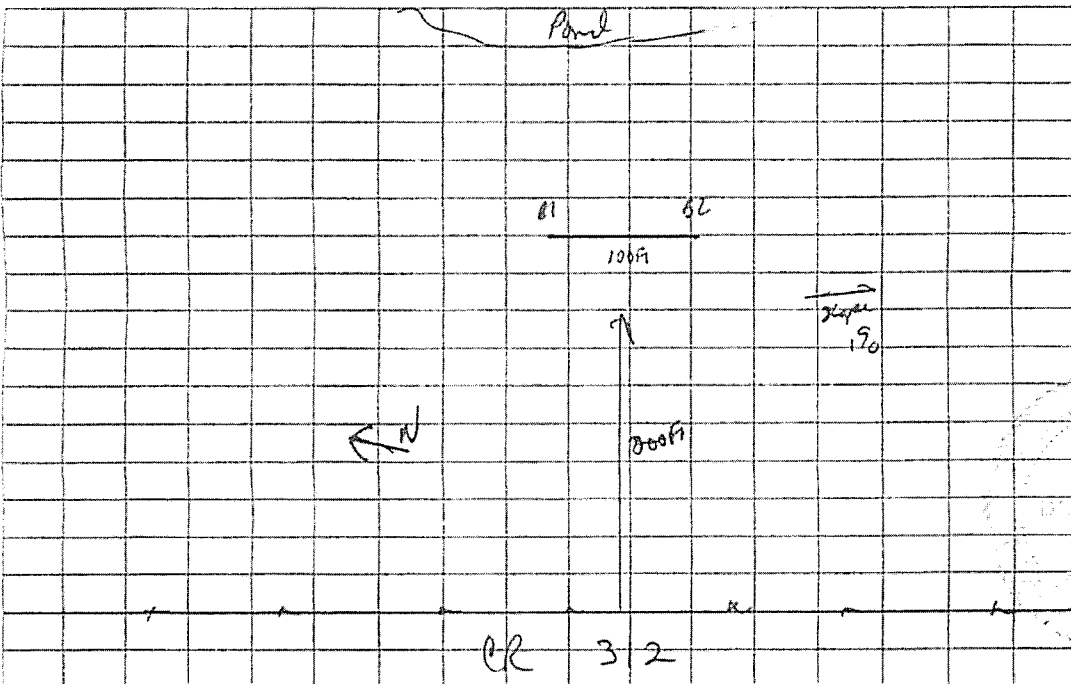
Lot Block Subdivision

Street/Road Address 4801 CR 312 Cleburne TX

Additional Information 22 Acres

SCHEMATIC OF LOT OR TRACT

Compass North, adjacent street(s), direction of slope, property lines
Location of natural, constructed or proposed drainage ways, water impoundment areas, cut or fill banks, sharp slopes and buildings.
Location of existing or proposed water wells.
Location of (numbered) soil boring and dug pits (show distance of each hole from property line or other discernible point).



Presence of 100 year flood zone	Yes <u> </u>	No <u>X</u>	Firm Panel # <u>4825100325</u>
Presence of upper water shed	Yes <u> </u>	No <u>X</u>	
Presence of adjacent ponds, streams, water impoundment area	Yes <u> </u>	No <u>X</u>	
Existing or proposed water well in nearby area	Yes <u> </u>	No <u>X</u>	

ATTESTED BY: [Signature]

Site Evaluator No. 6470

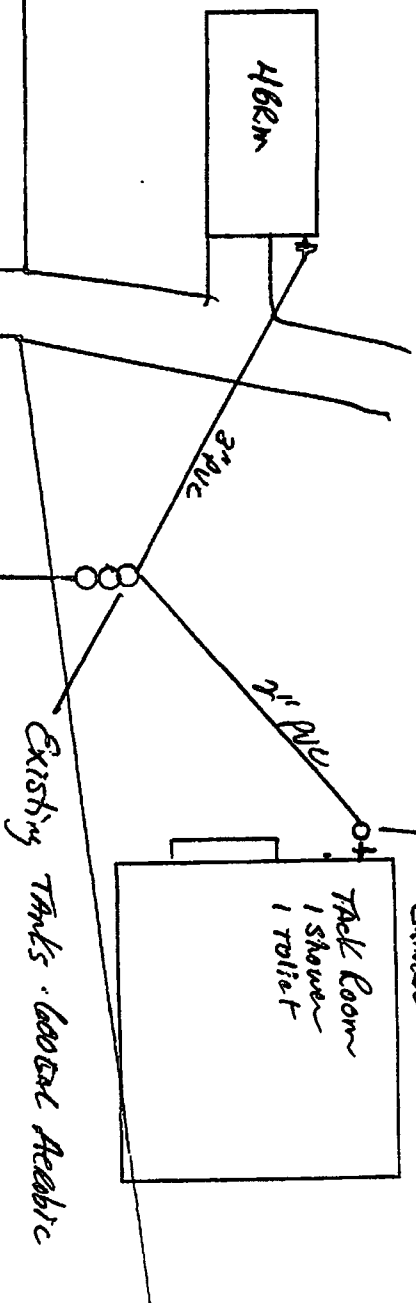
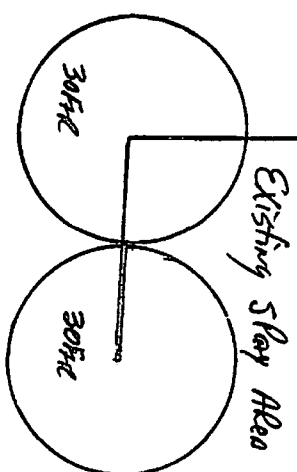
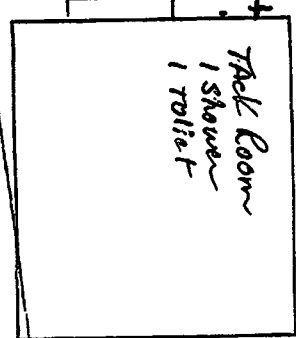
10984 Cleburne TX
Address

817-297-2342
Phone

The information on this report is required by Johnson County. The design, construction and installation of each system is based upon specific conditions affecting each lot or tract and must be subsequently approved by Johnson County.

Revised 7/10/2012
ORIGINAL

POND



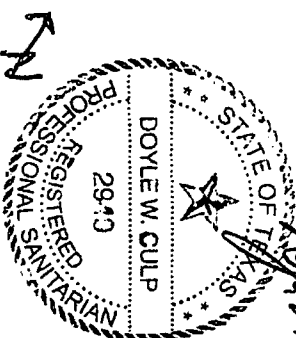
Zack Thompson
4801 CR 312
Cleburne TX

466m 300 w/s

Tack Room
Bathrooms
15 w/s

315 gals w/s / 66d = 47921 sq Ft

Design = 5652 sq Ft
600 Gal Aerobic unit



Staple
Doyle W. Culp

CR 312

May 29, 2018

SPRAYFIELD DESIGN

PREPARED FOR:

NAME: Zack Thompson
ADDRESS: 4801 County Road 312
LEGAL: Cleburne, Texas
INSTALLER: Johnson County Texas

DESIGN PARAMETERS:

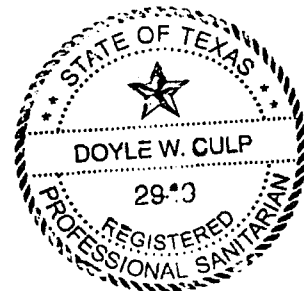
ESTIMATED FLOW: 300 Gallon (4 BRm) Water Saving Devices
15 Gallon (Tack Room) Water Saving Devices
Total 315 Gallon
LOADING RATE: .064
AREA REQUIRED: 4921 Sq. Ft.
AREA DESIGN: 5652 Sq. Ft.

SYSTEM PARAMETERS:

SEPTIC : Simplex Sewage System 1/2 H.P. Grinder
PRETREATMENT TANK: Existing
AERATION TANK: Existing Aerobic Unit
PUMP TANK: Existing
SPRINKLER AREA: 2 - 30 Ft. Radius Full Circle 2826 Sq. Ft. Each
Total 5652 Sq. Ft.
PUMP SPECIFICATION: 1/2 H.P.
CHLORINATOR: Yes - 285.91 (4) ANSI / NSF Approved
WATER SUPPLY: Co-Op Water
VEGETATION COVER: Sprayfield areas to be sod in all season grasses

PREPARED BY:

Doyle Culp R.S. 2949
PO Box 986
Crowley, Texas 76036
(817) 297-2342



ON-SITE EVALUATION

DESIGN CALCULATIONS

Using the formula : $\text{GPD} = \frac{\text{Total Square Feet}}{\text{App. Rate}}$

Required Area: $300 \text{ W/s} / .064 = 4688 \text{ Sq. Ft.}$

Designed Area: 5652 Sq. Ft.

SYSTEM LAYOUT

Discharge from the Residence will gravity flow via a three inch PVC pipe (1/8 inch per ft. fall minimum) Discharge from Tack Room existing Simplex Sewage System then to a existing pretreatment tank then to a existing Aerobic Unit. There will be a clean out installed within 3 Ft. of house and every 100 Ft. if needed.

The clear effluent from the Aerobic Unit will discharge through a chlorinator into pump tank. The chlorinated effluent will pass through a 1/2 horse power pump to 30 feet radius with 2 sprinkler heads via a one inch pressure rated line. Low angle nozzle 13 degree or less shall be used to keep the spray low and reduce aerosol. All spray areas will be covered in grasses or trees, or prepared for seeding of grasses. Risers must be fitted with removable watertight caps and protected against unauthorized intrusions. (285.38)

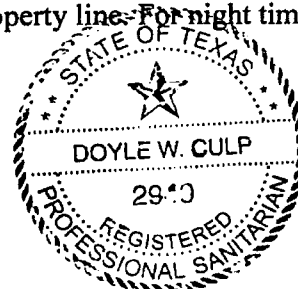
PUMP TANK

The pump tank volume will be existing minimum. In the event of pump failure a total volume will be left exceeding the 1/3 flow above the alarm. The tank shall be provided with an audio and visual high water alarm. All electrical wiring shall be in accordance with the most recent edition of the National Electrical Code. When sprinklers are used as the application method, the maximum inlet pressure shall 40 pounds per square inch.

VARIANCES

No variances are requested with any part of this system. Any changes in proposed system must be approved by the permitting authority before the installer is authorized to make change.

A timer will be installed if any sprinkler is within 20 feet of property line. For night time distribution.



Johnson County Public Works
Johnson County Public Works
1 North Main Street, Suite 305
Cleburne, TX 76033 (817) 556-6380

Receipt Number: 2018-841

6/25/2018 08:26 AM GA 1

Descriptions:

1.	\$100.00	Variance Request
2.		
3.		
4.		

Received From:

Zachary Thompson
4801 CR 312

Amount Received:

\$100.00

Payment Information:

Cash

\$100.00 variance fee, hooking two structures into 1 septic

Signature / Initials: _____

GA 1 6/25/2018 08:26 AM



Johnson County Public Works Department

1 North Main Street, Suite 305

Cleburne, Texas 76033

817-556-6380 Fax: 817-556-6391

Septic Permit Application Checklist

Items that do not have a check must be provided to complete the approval process for your Septic Permit. Please note if customer will send any missing documents.

Property Owner: Zachary Thompson

Site Address: 4801 CR. 312, Cleburne

Acreage: 2.2

Variance Required: yes / no

- Septic Application _____
- Technical Sheet _____
- Soil Test _____
- Site Sheet _____
- Drawing _____
- Spec Sheets _____
- Authorization Form _____

Inspector will determine if necessary:

- Affidavit _____
- Maintenance Contract _____
- Other _____

If no existing development permits:

- Filed Deed _____
- Survey or Plat D15306n Safe

Application was: brought in / e-mailed

Date: 10-19-18

Clerk: GA