





**Johnson County Public Works**

**Johnson County Public Works**

**1 North Main Street, Suite 305**

**Cleburne, TX 76033 (817) 556-6380**

**Receipt Number: 2018-128**

**1/31/2018 04:13 PM CG 1**

*Descriptions:*

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

*Received From:*

**Grantham Kevin & Laurel**

*Amount Received:*

**\$100.00**

*Payment Information:*

**Check #10195**

*Permit*

**S51076**

Signature / Initials: \_\_\_\_\_

**CG 1 1/31/2018 04:13 PM**



# JOHNSON COUNTY Department of Public Works

2 North Mill Street/Suite 305, Cleburne, TX 76033

development@johnsoncountytexas.org - (817) 556-6380 - Fax (817) 556-6391

Application for 'Authorization to Construct' OSSF System

*(System Upgrade)*

551074

**Office use only**

Authorization to Construct Permit # \_\_\_\_\_ Date \_\_\_\_\_

FIRM Panel # \_\_\_\_\_ Precinct \_\_\_\_\_

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: \_\_\_\_\_ Date 1-31-18

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

Property Owner's Name: KEVIN R. GRANTHAM Ph. # 817-680-0794

911 site address: 2317 COUNTY ROAD 920, CROWLEY, TX 76036 Current mailing address: SAME

Legal Description:  Metes and Bounds: TX 76036 Acreage: 1.125

Recorded deed: Volume 207 Page 123 Survey E. SMITH Abstract 763 -or-

Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Blk #: \_\_\_\_\_ Phase / Section #: \_\_\_\_\_

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

Type of Home / Building:  New  Existing  Site Built  Manufactured  Bldg. Sq. Ft. 1500<sup>2</sup>

Single-Family # Bdrms 4  Multi-Family # Bdrms \_\_\_\_\_  Commercial # Employees \_\_\_\_\_

Well -or-  Water Co. JCSUD \* 3 bedroom residence (722 ft<sup>2</sup>) + mini apartment in garage/barn

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.

Kevin R. Grantam  
 (Signature of Owner)

1-16-17 1-13-2018  
 (Date)

Site Evaluator: G. CARLSON License No. PE 32113

Phone No: 817-614-1408 Other No. \_\_\_\_\_

Mailing Address: 1225 Stadium Dr City Shuba State TX Zip 76058

Installer: Rick Fletcher License No. OS 21080

Phone No: 817-866-2747 Other No. \_\_\_\_\_

Mailing Address: 12725 CR 400 City Grandview State TX Zip 76050

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



# JOHNSON COUNTY Department of Public Works

2 North Mill Street/Suite 305  
Cleburne, Texas 76033 - (817) 556-6380 - Fax (817-556-6391  
development@johnsoncountytexas.org

## ON-SITE SEWAGE FACILITY TECHNICAL INFORMATION FOR PERMIT

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

Designer Name: G. CARLOCK License Type and No. PE 32113

Phone No. 817-614-1408 Other or Fax No. \_\_\_\_\_

Mailing Address: 1225 Stadium Dr City: Tosheva State: TX Zip: 76058

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

Stub out to treatment tank: 4" SCH 40 PVC

Treatment tank to disposal system: 1" SCH 40 PVC

II. DAILY WASTEWATER USAGE RATE: Q = 340 (gallons/day) (240 gpd + 100 gpd)  
Water Saving Devices:  Yes  No

III. TREATMENT UNIT(S):  Septic Tank,  Aerobic Unit

A. Tank Dimensions: 5 1/2 x 12 x 6 Liquid Depth (bottom of tank to outlet): 3"

Size proposed: 500 gpd (gal)\* Manufacturer: Nawater

Material/Model# B550

Pretreatment Tank:  Yes  No  NA

Pump/Lift Tank:  Yes  No  NA

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

IV. DISPOSAL SYSTEM:

Disposal Type: Surface Spray Irrigation

Manufacturer and Model NSF approved spray heads

Area Proposed: 5725 ft<sup>2</sup> Area Required: 5313 ft<sup>2</sup>

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: 1-13-17



# JOHNSON COUNTY - OSSF SOIL EVALUATION FORM

Date Performed 1-13-17  
 Owner's Name Kevin Grantham  
 Physical Address 2317 CE 920, Crowley TX  
 Site Evaluator G CARLOCK O.S. Number PE32113  
 Proposed Excavation Depth Surface Spray

\*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 1

Depth Inches	Textural Class	Drainage/Mottles Water Table	Restrictive Horizon	Comments
12	↑ Type IV ↓	No ↓	Yes ↓	Black Clay ↓
24				
36				
48				
60				
60				

Soil Boring Number 2

Depth Inches	Textural Class	Drainage/Mottles Water Table	Restrictive Horizon	Comments
12	- ditto -			
24				
36				
48				
60				
60				

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

ATTESTED BY: G Carlock  
Signature

Site Evaluator No. PE32113

1225 Stadium Dr  
Address Joshua 76058

817-614-1408  
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

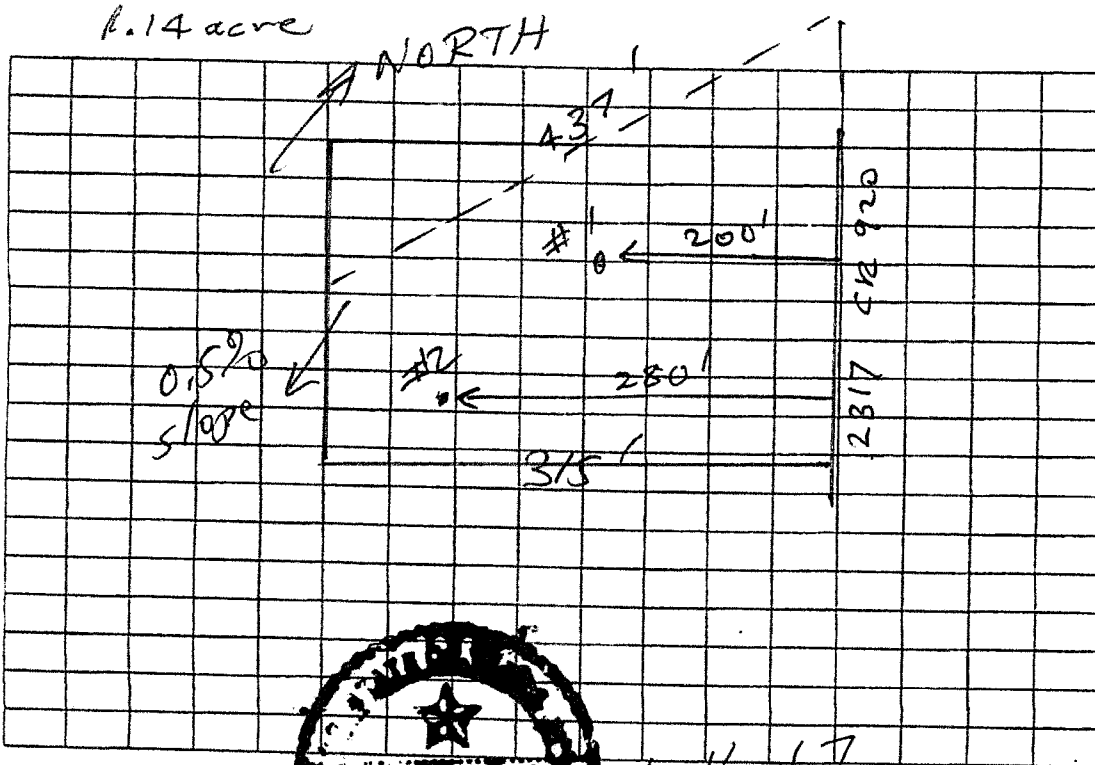
Revised 7/10/2012

JOHNSON COUNTY - SITE EVALUATION REPORT

Date 1-13-17  
 Name Kevin Grantham Phone \_\_\_\_\_  
 Address 2317 CR 920 Crowley  
 PROPERTY LOCATION  
 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street/Road Address \_\_\_\_\_  
 Additional Information \_\_\_\_\_

SCHMATIC 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 \_\_\_\_\_ No X  
 Presence of upper water shed Yes \_\_\_\_\_ No X  
 Presence of adjacent ponds, streams, wetlands or flood area Yes \_\_\_\_\_ No X  
 Existing or proposed water well in nearby area Yes \_\_\_\_\_ No \_\_\_\_\_

ATTESTED BY:  
 Signature J. Carlweck, P.E.

Site Evaluator No. PE32113

1225 Stadium Dr  
 Address Joshua

817-614-1408  
 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

Site Layout  
for upgraded system for  
Kevin & Laurel Grant Ham

817-680-0794

2317 CR 920

Crowley, Tx 76036

Johnson County, Tx

1.14 acre tract

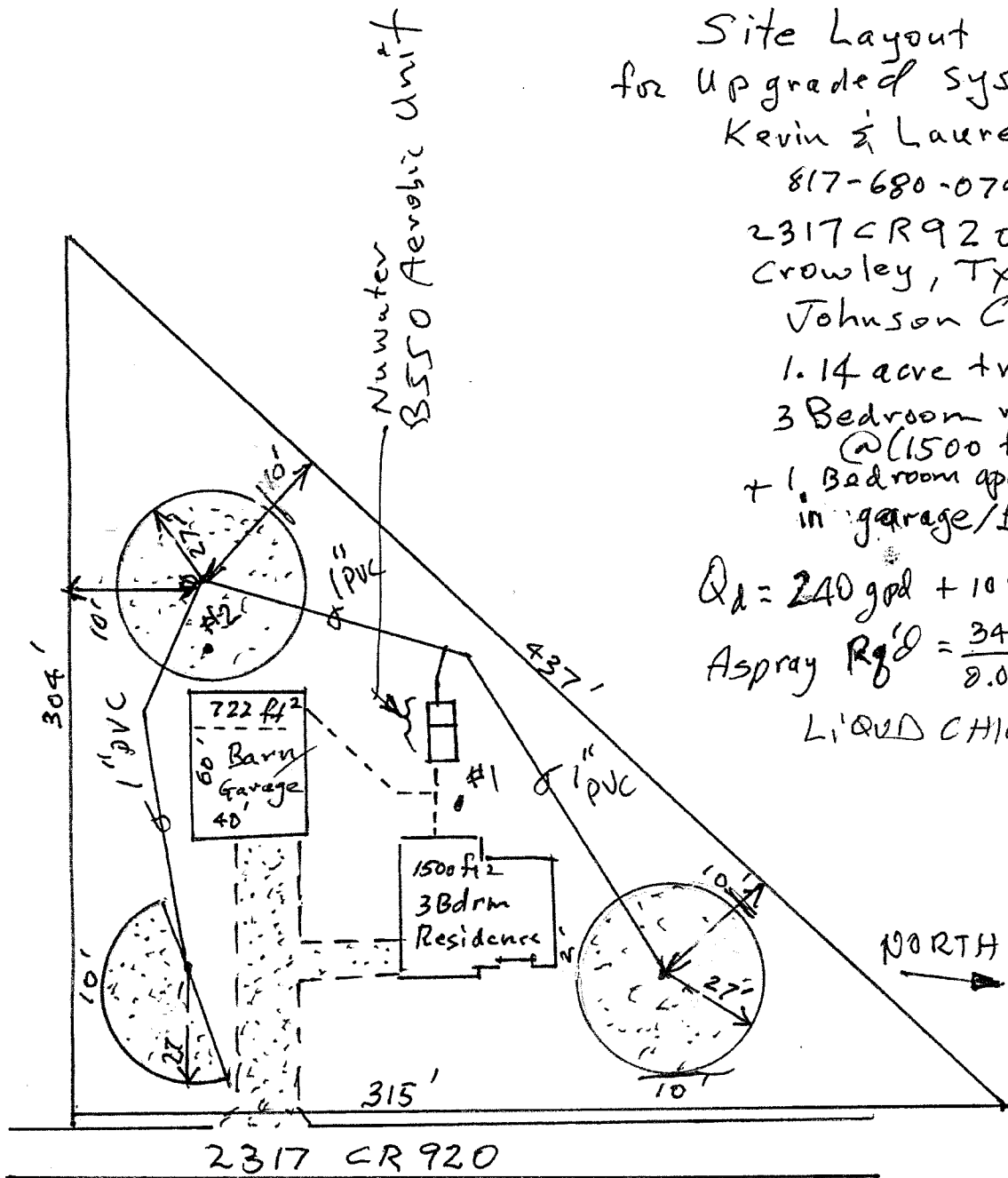
3 Bedroom residence  
(@1500 ft<sup>2</sup>)

+ 1 Bedroom apartment  
in garage/barn (722 ft<sup>2</sup>)

$$Q_d = 240 \text{ gpd} + 100 \text{ gpd} = 340 \text{ gpd}$$

$$\text{Aspray Rgd} = \frac{340}{2.064} = 5313 \text{ ft}^2$$

LIQUID CHLORINATOR



- 500 gpd aerobic unit
  - 3 spray heads (27' radius) as shown:
- $$A = (27)^2 \times \pi \times 2\frac{1}{2} = 5725 \text{ ft}^2 \text{ Proposed Area}$$
- Night time spray timer

Scale: 1" = 50'



Paul W. Carlisle, P.E.  
1-16-17

p.05



FLETCHER EXCAVATING, INC.

12725 CR 400 GRANDVIEW, TX. 76050 (817)866-2747 FAX # (817)866-2829

EMERGENCY CONTACT (817)401-1707 RICK FLETCHER

**INITIAL TWO-YEAR WARRANTY/SERVICE POLICY**

**BEGINNING DATE:** \_\_\_\_\_ **ENDING DATE:** \_\_\_\_\_

Our firm, *R. Fletcher*, will inspect your *P. J. Motter* aerobic septic system, serial number \_\_\_\_\_, for two years from the date of this contract. There will be three inspections made, one every four months from the original date of the contract. Contract fee is \_\_\_\_\_ to be paid in advance by owner.

Effluent, quality inspections will include a visual inspection for color, turbidity, sludge build-up, scum overflow, and odor. An onsite chlorine and Ph test will be performed. Mechanical and electrical inspections and services include inspecting aerator, air filter, and alarm panel. Replacing or repairing any component not found to be functioning correctly will be an additional charge.

Upon expiration of this policy, our firm will offer a continuing service policy on a yearly basis to cover labor for normal maintenance and service on a year-by-year basis.

Violations include shutting off the electric current to the system, disconnecting the alarm system, restricting ventilation to the aerator, overloading the system above its rated capacity, introducing excessive amounts of harmful matter into the system, or any other form of unusual abuse.

All service calls will be responded to within a 48 hour time period.

Homeowner agrees to keep areas around pumps, tanks, and electrical areas mowed and weed eaten. Also Homeowner agrees to keep poison out for ants around the above listed areas.

Homeowner agrees to maintain a constant supply of chlorine tablets or bleach at all times. If a chlorine test reveals residual lower than the state allows a Grab Test will be performed and chlorine added as needed for an additional charge.

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

**HOMEOWNER INFORMATION**

PRINTED OWNER NAME: KEVIN R. AND LAUREL K. GRANTHAM

OWNER SIGNATURE: *Kevin R. Grantham*

ADDRESS: 2317 COUNTY ROAD 920, CROWLEY TX 76036

MAILING ADDRESS: SAME

HOME PHONE # 817-297-4902 WORK/CELL # 817-680-0794

DATE: 01-13-2018

**AUTHORIZED TO SERVICE:**

SERVICE DEALER & LICENSE # AP 0001096

SERVICE DEALERS SIGNATURE *Rick Fletcher*