



FIELD INSPECTION REPORT/OSSF

Hood County Environmental Health Department

Property Owner Stanley Walsh Permit Number 12021
Property Address 912 Pease River Dr Installer & # Jonathan Salazar 70096
Site Evaluator & # Thomas Kohl 11000 Designer & # Thomas Kohl 2908

System consists of: Aerobic-Surface App
type of on-site sewage facility

Pretreatment Tank(s): 400 gallons Manufacturer CXT type CONCRETE
cap.
two-way cleanout ☒ pipe from structure to tank Sch 40 adequate fall ☒ (to & thru all tanks)

Secondary treatment: CONCRETE Tank(s) 500 Manufacturer CXT
type cap.
Model # B 850 Serial # B 31172

Pump Tank(s): 750 gallons Manufacturer CXT type CONCRETE
cap.
Pump type/size 1/2 hp Sub check valve/anti-siphon ☒ Audible/visual alarm ☒

Disposal: subsurface area: NA surface area: 3772²
trench width: NA media depth NA depth to top of pipe/line NA

Separation distances: Disposal area to: well NA structure 1' tanks 1'
front property line 10' back property line 12' side W ft. 13' side E ft. 10'

Remarks: Don't bind/drive over tanks, lines, spray heads or spray field.
Maintain vegetation in spray field. Maintain chlorine level.
Have tanks pumped every 3-5 yrs or as needed.
Maintain service agreement

As Built Drawing

Handwritten signature/initials in the top left corner of the As Built Drawing area.

Inspector signature [Signature] Installer signature [Signature]

Approved ☒ Denied ☐

Date 5/18/18



HOOD COUNTY HEALTH DEPARTMENT
APPLICATION FOR ON-SITE SEWAGE FACILITY
NEW CONSTRUCTION AND MODIFICATION

HCHD USE ONLY

12021

APPLICATION NO.

5-8-18

DATE

41009

AMOUNT

174683

RECEIPT#

☒ NEW INSTALLATION
☐ MODIFICATION

AUTHORIZATION TO CONSTRUCT

☒ GRANTED ☐ DENIED

PROPERTY OWNER'S NAME Walsh, Stanley
(LAST) (FIRST) (MIDDLE)

PERMANENT MAILING ADDRESS: 324 Heritage Trail, Granbury, TX 76048

TELEPHONE NO. DURING DAY: (~~817~~) 223 ~~as~~ 979-220-3320

SITE ADDRESS: 912 Pease River Dr, Granbury, TX 76048

LEGAL DESCRIPTION: Sec. A Block 1 Lot 372373 Phase —

SUBDIVISION: Comanche Cove

OTHER THAN SUBDIVISION: ACREAGE .24 —

SOURCE OF WATER: ☐ Private Well ☒ Public Water Supply Surf

G.P.D. 240

SINGLE FAMILY RESIDENCE: No. Of Bedrooms 2 mobile Living Area (ft²) 896

TYPE SYSTEM: Aerobic-Surface Application Sq. Ft. 3840

NO. OF EMPLOYEES/OCCUPANTS/UNITS: — DAYS OCCUPIED PER WEEK: —

SITE EVALUATOR: Thomas Kohl CERTIFICATION NO.: 11000

DESIGNER: Thomas Kohl LICENSE NO. (PE or RS): 2908

INSTALLER: Jonathan Jalayan REGISTRATION NO.: 30096

OSSF PERMITS WILL EXPIRE ONE YEAR FROM DATE ISSUED.

(*All related fees are non-refundable and shall be paid by personal check, cashier's check, money order, or cash.)

I certify that the information here in is true and correct to the best of my knowledge. Authorization is hereby given to the Hood County Environmental Health Department to enter upon the above-described property for the purpose of lot evaluation and inspection of the on-site sewage facility (OSSF) as well as re-inspection of an approved OSSF every five years. A permit to operate the facility will be granted following successful inspection of the installed system, which indicates that the system was installed in compliance with the TCEQ On-Site Sewage Facility Rules, TAC 30, Chapter 285.

Stephen Salazar
SIGNATURE OF OWNER (or) REPRESENTATIVE

5/8/18
DATE

RECEIVED
MAR 23 2018

BY: bsj



APPLICATION FOR ON-SITE SEWAGE FACILITY

201 Bridge Street, Granbury, Texas 76048 (817) 579-3288 ph (817) 579-3268 (fax)

1. PROPERTY OWNER'S NAME: Walsh Stanley A
(Last) (First) (Middle)
2. CURRENT MAILING ADDRESS: 324 Heritage Trail
3. DAYTIME TELEPHONE NO.: 817-223-097 979-220-3320
4. 911 SITE ADDRESS: 912 Perse River Drive
5. LEGAL DESCRIPTION: SEC: A BLOCK 1 LOT: 372+373 PLAT DATE: 4/27/66
SUBDIVISION: Comanche Cove
OTHER THAN SUBDIVISION: Acreage: .24 Abstract/Survey Name: 12
6. PHYSICAL LOCATION/DIRECTIONS TO SITE: 144 to Heritage Trail
Turn left Comanche Cove Right to office left Perse River
7. SOURCE OF WATER: ☐ Private Well ☒ Public Water Supply SWWC
mobile (Name of Supplier)
8. SINGLE FAMILY RESIDENCE: No. of Bedrooms 2 Living Area (ft2) 896
9. COMMERCIAL/INSTITUTIONAL (other than single-family residence) TYPE: _____
10. SITE EVALUATOR & LICENSE NO: TKohl 11000 PHONE NO: 817-739-4234
11. DESIGNER & LICENSE NO: TKohl RS 2908 PHONE NO: " "
12. INSTALLER & LICENSE NO: Jonathan Salazar 30046 PHONE NO: 817-896-2696

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to the Hood County Environmental Health Department to enter upon the above-described property for the purpose of lot evaluation and inspection of the on-site sewage facility (OSSF), as well as re-inspection of an approved OSSF every five years. A permit to operate the facility will be granted following successful inspection of the installed system, which indicates the system was installed in compliance with the TCEQ On-Site Sewage Facility Rules, TAC 30, Chapter 285.

Stan Walsh
(SIGNATURE OF OWNER)

3/20/18
(DATE)

For Office Use Only	
Pre-Construction Inspection Date: <u>6/5</u>	Application Approval date: <u>3/23/18</u>



Hood County Environmental Health



ON-SITE SEWAGE FACILITY TECHNICAL INFORMATION FOR PERMIT

Professional design required?: Yes ☒ No ☐ If yes, professional design attached: ☒ Yes ☐ No

Site Address: 912 Pease River Dr

TYPE AND SIZE OF PIPING FROM: (EXAMPLE: 4" SCH 40 PVC)

Stub out to treatment tank: 3" sch 40 PVC

Treatment tank to disposal system: 1" sch 40 PVC

I. DAILY WASTEWATER USAGE RATE: Q= 240 (gallons/day)

Water saving devices: ☐ Yes ☐ No

II. TREATMENT UNIT:

A. ☐ SEPTIC TANK

☒ AEROBIC

• Tank dimensions: 46(139.5) x 46(139.5) x 5.7' • Liquid depth (bottom of tank to outlet): 5.7'

• Size proposed: 500 (gal) • Manufacturer: Nuwater

• Model #: Nuwater 500 GPD

• Size required: 500 gpd • Size proposed: 500 gpd

• Pretreatment tank: ☒ Yes SIZE: 400 (gal) ☐ No

• Pump/Lift Tank: ☒ Yes SIZE: 750 (gal) ☐ No

B. Other: ☐ Yes ☐ No (If yes, attach description)

III. DISPOSAL SYSTEM:

Disposal Type: Surface

Manufacturer and Model: Rain Bird Nuwater 500 GPD

• Area required: 3.750 (square feet) • Area proposed: 3.840 (square feet)

IV. ADDITIONAL INFORMATION:

(Note - This information must be attached for review to be completed.)

A. Site Evaluation

B. Planning Materials

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: Thomas R. Kroll

DATE: 2/28/2018

If you have questions on how to fill out this form or about the on-site sewage facilities, please contact us at 817-579-3288.

201 W. Bridge Street • Granbury, Texas 76048
Phone (817) 579-3288 • Fax (817) 579-3268

RECEIVED
MAY 18 2018

BY:

Professional Sanitarian

5207 Brown Court
Tolar TX 76476

Thomas Kohl, RS

Telephone (817) 739-4234

**DESIGN CRITERIA FOR A PRIVATE SEWAGE DISPOSAL SYSTEM
WITH AEROBIC TREATMENT AND SURFACE DISCHARGE**

Date: 2/28/2018

Site Location: Lot 372 & 373 Pease River

Hood County

Prepared for: Tim White

NOTE: All uncovered tank openings must have secondary protection to guard against accidental entry!

The following information will serve as design documentation for the installation of an aerobic surface discharge wastewater disposal system. This report should be submitted to the County Health department for review and design approval.

DESIGN PARAMETERS

Estimated Flow:	240 GPD
Loading Rate:	.064
Area Required:	3,750 SQ FT
Area Designed:	3,772 SQ FT
Chlorinator:	NSF Approved

SYSTEM SPECIFICATIONS

Pre-treatment Size:	300 gal.
Aerobic Unit:	500 Gpd ATU
Pump Tank:	750 gal
Pump Specifications:	1/2 hp
Dosing Volume:	240 gal.
Effluent Timer:	Needed

Site Evaluation and Structure: This is a design for a 3 bedroom 960' residence. There is adequate soil for the establishment of turf grass.

Thomas Kohl, RS 2908



5/17/2018

BY:

INSTALLATION REQUIREMENTS:

Treatment Unit: Pretreatment of effluent shall meet the requirements for a NSF, Standard 40, Class I effluent by means of aerobic action and a contact chlorine chamber. Effluent should maintain a residual chlorine level of no less than 1.0 mg/l with a pH of 7 to 8.

Pipe and Fittings: Schedule 40 PVC pipe should be used in the installation. 3/4 or 1 inch PVC should be used in order to provide adequate pressure. If sprinkler line crosses any water line, the sprinkler line must be a minimum of one foot beneath the water line, or sleeved 10' beyond. Supply lines should be buried to a depth of no less than 12 inches to provide adequate insulation against freezing during periods of cold climatic conditions.

Pump, Float Controls, And Alarm System: Pump controls should include a manual override to turn off the system in case of an emergency. An automated mercury float switch on a separate circuit from the pump is also necessary for all pump applications. A high water switch with a visual and audible alarm will be required in the pump chamber set at a level allowing 1/3 day reserve capacity in case of pump failure. All electrical connections should be made outside the liquid chamber.

Sprinkler Heads: Rainbird (Max-Paw 3 GPM) non-aerosol *or equivalent* should be used. All sprinkler heads should be adjusted to deliver water at less than a 13 degree angle. Sprinkler heads placed at an elevation higher than the pump tank should be equipped with check valves in order to prevent liquid backflow into the holding tanks.

Landscape Plan: Area used for effluent application will be left in native or improved vegetation in order to provide a vegetative cover. Effluent should not be applied to garden or fruit products. At no time shall effluent be applied to bare ground.

SAFE DISTANCE SET BACKS:

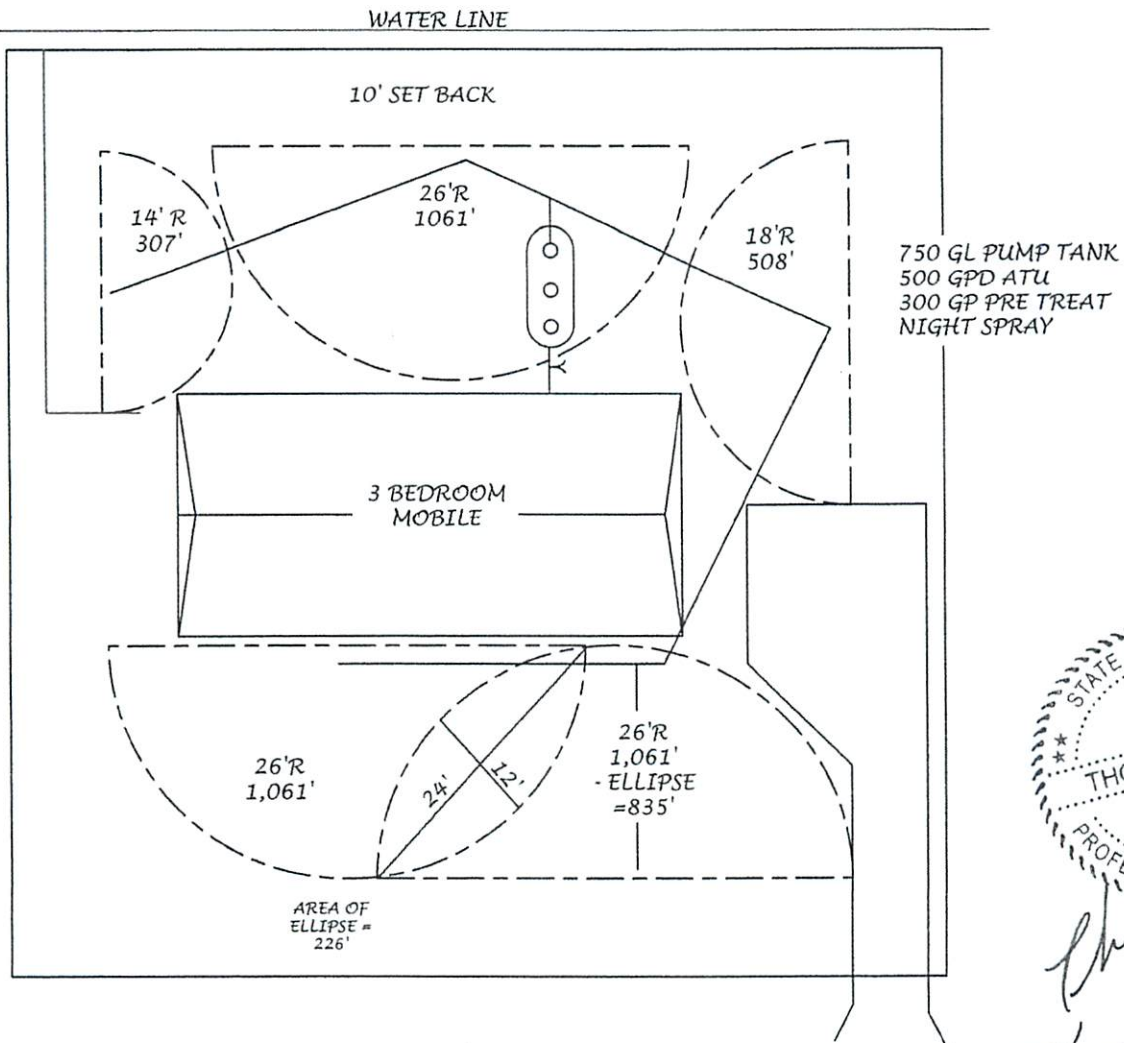
SPRAY PATTERN TO PROPERTY LINES: 10 FEET

MAINTENANCE REQUIREMENTS:

- A. A two-year service contract is required to provide, as part of the basic purchase price, by Manufacturers and distributors of onsite aerobic plants sold in Texas.
- B. An additional fee can be charged for renewal of the service contract after the initial two-year period.
- C. Owners of plants utilizing surface application for disposal of wastewater must have a service contract continuously in place to legally operate their systems.
- D. State policy calls for a site visit at least once every four months; more frequent is better.
- E. Sludge accumulation in the tanks should be monitored and pumped as required. Accumulation of grease and other solid waste should be closely monitored.
Failure to do so will cause premature system failure.

RECEIVED
MAY 18 2018

BY:



5/17/2018

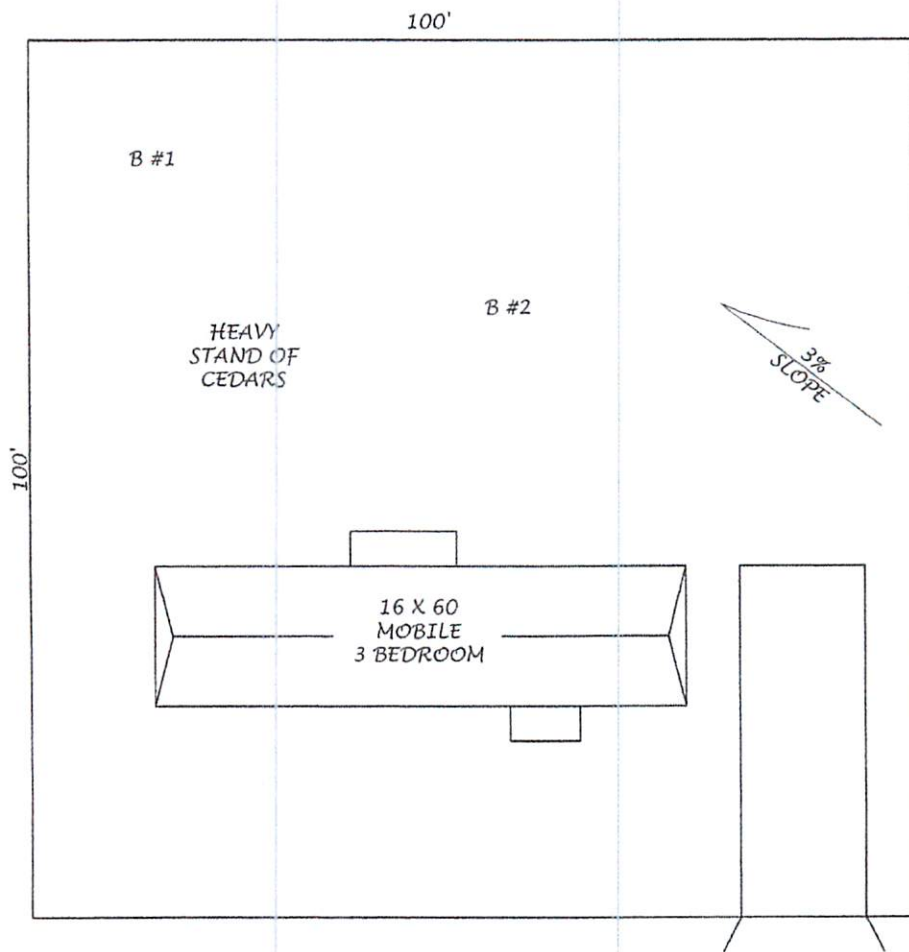
0 ft. 12 ft. 20 ft. 40 ft.



THOMAS KOHL RS 2908

LOT 372 & 373 PEASE RIVER

2/28/2018



SUITABLE FOR
ABSORPTION BED,
OR SPRAY AEROBIC.

PROPER SITE
PLANNING WILL BE
REQUIRED FOR
EITHER SYSTEM TO
BE INSTALLED.

0 ft. 9 ft. 15 ft. 30 ft.



THOMAS KOHL RS 2908

LOT 372 & 373 PEASE RIVER

2/3/2018

OSS SITE / SOIL EVALUTION

FOR: Tim White

Date: 2/3/2018

Site: Lot 372, & 373 Pease River

County: Hood

SUITABLE FOR CONVENTIONAL SEPTIC YES

PROPOSED EXCAVATION DEPTH 18-36"

TEST #1

DEPTH	TEXTURAL CLASS	MOTTLES/WATER TABLE	RESTRICTIVE HORIZION	SUITABILITY
0-24"	CLASS III BROWN CLAY LOAM	NO	NO	SUITABLE
24-60"	CLASS III TAN SILTY CLAY LOAM	NO	NO	SUITABLE
60"+	FRACTURED LIMESTONE			

TEST #2

DEPTH	TEXTURAL CLASS	MOTTLES/WATER TABLE	RESTRICTIVE HORIZION	SUITABILITY
0-12"	CLASS III BROWN CLAY LOAM	NO	NO	SUITABLE
12-48"	CLASS III TAN SILTY CLAY LOAM	NO	NO	SUITABLE
48+	FRACTURED LIMESTONE			

PRESENCE OF HUNDRED YEAR FLOOD PLAIN	NO
PRESENCE OF UPPER WATER SHED	YES
PRESENCE OF POND, STREAMS, WATER IMPOUNDS	NO
PRESENCE OF WATER WELL	NO

ATTESTED BY:

Thomas Kohl

THOMAS KOHL RS 5207 BROWN COURT TOLAR TX 76476

OS 11000

R.S. 2908

