



Document 2018 GW3765

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LISA SMITH, COUNTY RECORDER
MADISON COUNTY IOWA

CHEK

**REAL ESTATE TRANSFER - GROUNDWATER HAZARD STATEMENT
TO BE COMPLETED BY TRANSFEROR**

TRANSFEROR:

Name Zachary Michael Clayton

Address 25892 RIVERVIEW RIDGE RD. ADEL IA 50003

Number and Street or RR

City, Town or P.O.

State

Zip

TRANSFeree:

Name Tyler L. Houg

Address 816 S. 4TH AVE. Winterset, IA 50273

Number and Street or RR

City, Town or P.O.

State

Zip

Address of Property Transferred:

1721 158TH ST. Earlham, IA 50072

Number and Street or RR

City, Town, or P.O.

State

Zip

Legal Description of Property: (Attach if necessary)

A tract of land commencing at a point 9 feet West of the Southeast corner of the Northwest Quarter (1/4) of the Southwest Quarter (1/4) of Section Thirty-two (32), thence North 183 feet; thence West 295.8 feet; thence South 183 feet; thence East to the Point of Beginning, in Township Seventy-seven (77) North, Range Twenty-eight (28) West of the 5th P.M., Madison County, Iowa.

1. Wells (check one)

There are no known wells situated on this property.

There is a well or wells situated on this property. The type(s), location(s) and legal status are stated below or set forth on an attached separate sheet, as necessary.

2. Solid Waste Disposal (check one)

32 There is no known solid waste disposal site on this property.

There is a solid waste disposal site on this property and information related thereto is provided in Attachment #1, attached to this document.

3. Hazardous Wastes (check one)

There is no known hazardous waste on this property.

There is hazardous waste on this property and information related thereto is provided in Attachment #1, attached to this document.

4. Underground Storage Tanks (check one)

There are no known underground storage tanks on this property. (Note exclusions such as small farm and residential motor fuel tanks, most heating oil tanks, cisterns and septic tanks, in instructions.)

There is an underground storage tank on this property. The type(s), size(s) and any known substance(s) contained are listed below or on an attached separate sheet, as necessary.

FILE WITH RECORDER

DNR form 542-0960 (July 18, 2012)

5. Private Burial Site (check one)

- There are no known private burial sites on this property.
- There is a private burial site on this property. The location(s) of the site(s) and known identifying information of the decedent(s) is stated below or on an attached separate sheet, as necessary.

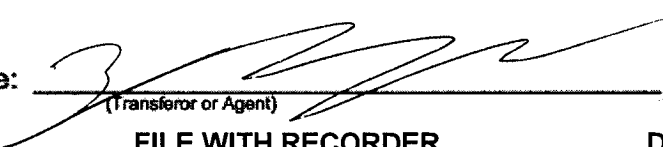
6. Private Sewage Disposal System (check one)

- All buildings on this property are served by a public or semi-public sewage disposal system.
- This transaction does not involve the transfer of any building which has or is required by law to have a sewage disposal system.
- There is a building served by private sewage disposal system on this property or a building without any lawful sewage disposal system. A certified inspector's report is attached which documents the condition of the private sewage disposal system and whether any modifications are required to conform to standards adopted by the Department of Natural Resources. A certified inspection report must be accompanied by this form when recording.
- There is a building served by private sewage disposal system on this property. Weather or other temporary physical conditions prevent the certified inspection of the private sewage disposal system from being conducted. The buyer has executed a binding acknowledgment with the county board of health to conduct a certified inspection of the private sewage disposal system at the earliest practicable time and to be responsible for any required modifications to the private sewage disposal system as identified by the certified inspection. A copy of the binding acknowledgment is attached to this form.
- There is a building served by private sewage disposal system on this property. The buyer has executed a binding acknowledgment with the county board of health to install a new private sewage disposal system on this property within an agreed upon time period. A copy of the binding acknowledgment is provided with this form.
- There is a building served by private sewage disposal system on this property. The building to which the sewage disposal system is connected will be demolished without being occupied. The buyer has executed a binding acknowledgment with the county board of health to demolish the building within an agreed upon time period. A copy of the binding acknowledgment is provided with this form. [Exemption #9]
- This property is exempt from the private sewage disposal inspection requirements pursuant to the following exemption [Note: for exemption #9 use prior check box]: _____
- The private sewage disposal system has been installed within the past two years pursuant to permit number _____

Information required by statements checked above should be provided here or on separate sheets attached hereto:

 The well was filled back in 2015/2016
 when the new septic was put in.

I HEREBY DECLARE THAT I HAVE REVIEWED THE INSTRUCTIONS FOR THIS FORM AND THAT THE INFORMATION STATED ABOVE IS TRUE AND CORRECT.

Signature:  Telephone No.: (515) 418-8612
(Transferor or Agent)

FILE WITH RECORDER

DNR form 542-0960 (July 18, 2012)

EXHIBIT A

A tract of land commencing at a point 9 feet West of the Southeast corner of the Northwest Quarter ($\frac{1}{4}$) of the Southwest Quarter ($\frac{1}{4}$) of Section Thirty-two (32), thence North 183 feet; thence West 295.8 feet; thence South 183 feet; thence East to the Point of Beginning, in Township Seventy-seven (77) North, Range Twenty-eight (28) West of the 5th P.M., Madison County, Iowa.



Time of Transfer Inspection Report (DNR Form 542-0191)

Property information

Current owner Zach Clayton
Buyer Tyler Houg Realtor
Mailing address 1721 158th St, Earlham

Site Address/County 1721 158th St, Earlham Madison Co
Legal Description

No. of bedrooms 3 Last occupied? yes Records available

Permit/installation date Separation distances ok/ no?

Septic system information

Septic tank(s): size 1250 gal material Concrete condition working condition
Tank pumped? YES date 10/25/18 licensed pumper Forest septic
Septic/trash/processing tank: size material condition
Tank pumped? date licensed pumper

Aerobic treatment unit (ATU) mfr size
Tank pumped? date licensed pumper
Maintenance contract? expiration date service provider
Condition

Pump tanks/vaults: type size condition

Distribution system: distribution box Plastic outlets used 3 condition working condition
Header pipe(s) # of lines Pressure dosed?

Secondary treatment:
length of absorption fields 3x100ft=300ft determined by County record/probe
condition of fields Working condition determined by hydraulic load test/probe
type of trench material 36" chambers

Size of sand filter determined by
Vent pipes above grade? discharge pipe located?
Effluent sample taken? Results

Media filters: type
Maintenance contract? expiration date service provider
Condition

NPDES General Permit No. 4: required? permitted? NOI provided



Time of Transfer Inspection Report

Other components:

Alarms _____ Working? _____ disinfection _____ working? _____

Control box _____ Timers _____ inspection ports _____

Other components _____

Overall condition of the private sewage disposal system

Report system status _____

Explain (attach additional pages as needed): All waste water goes from house to septic. 1250 gal concrete tank with risers and outlet filter in workin condition. Plastic distribution box in working condition. Hydraulic load tested the 3x100ft=300ft 36" chambers with 300 gal water. All chambers took water and probed dry and clean.

Site status at conclusion of Time of Transfer inspection:

- Verify that controls are set on the appropriate mode.
- Power is on to all components.
- Revisit all components to verify lids are secure.
- Gather all tools for removal from the site.
- Verify that no sewage is on the ground surface.

Using this worksheet, write a narrative report of the inspection results and attach a site sketch.

This report indicates the condition of the private sewage disposal system at the time of the inspection. It does not guarantee that it will continue to function satisfactorily.

Signature of Certified inspector: Rick Rogers Date: 10/31/18
 Name (print): Rick Rogers Certificate #: 9597
 Address: 401 NE 52nd Ave, Des Moines, IA 50313
 Phone #: 515-745-8352

Provide a copy of this report, the narrative report and sketch to the seller/agent, buyer/agent or the person ordering the inspection, the county sanitarian/environmental health office, and to;

Iowa DNR
 Private Sewage Disposal Program
 502 E. 9th St.
 Des Moines, IA 50319

Madison County
Office of Zoning and
Environmental Health

**Authorization to Construct a
Private On-site Wastewater
Treatment System (POWTS)**

112 N. John Wayne Drive
P.O. Box 152
Winterset, IA 50273-0152
Telephone: (515) 462-2636

Permit Number: 100-15

Date Issued: 12/7/2015

Issued to: Clayent LLC
Address: P.O. box 41
Adel, IA 50003

1721 158th St.

Legal Description: 1.2A SE Pt NW SW PID # 200033264020000
Sec 32 T77N R28W Madison TWP

POWTS Components Specifications 1250 gal. septic tank & 3 36" Laterals @ 100' ea.

General Conditions:

1. System must be constructed in conformance with attached system layout, profiles, and cross-sections.
2. Structures must be constructed in conformance with 567 IAC Chapter 69 and the Madison County Environmental Health Regulations.
3. Permit shall be null and void if system is not constructed within one year of permit issuance. The Environmental Health Officer must approve any request for extension of permit.
4. The Environmental Health Officer must approve any design modifications to the permitted system prior to construction.
5. Once constructed, all system components must be uncovered for inspection and the system must be approved before it can be put into operation. Notice for inspection must be received with 24 hours in advance (8 a.m. through 4:30 p.m., Monday - Friday). If weather necessitates the need to cover the system components, then the system owner or contractor must notify and follow the procedures given by the Environmental Health Officer.

Special Conditions: Max. trench depth 36"

Jina Burk

**Environmental Health Officer Assistant
Madison County
Office of Zoning and Environmental Health**

Application to Construct
Private Sewage Disposal System (PSDS)

Office Use Only					Temp EPTI:	1721 158 th St.	
Tracking No.	Date Received	Fee Paid	Check #	Date Issued		Section/Township	
100-15	12-7-15	150 ⁰⁰	1891	12-7-15		32-Madison	

Application will not be accepted until site and soil analysis/percolation information have been received and fee has been paid. For systems requiring an NPDES General Permit #4 (surface discharge), its application must be submitted to this office along with appropriate forms for recording before a permit will be issued.

Please Print All Information.

1. Owner Information (Applicant)				2. Installation Contractor Information			
First Name		Last Name		First Name		Last Name	
Clayent		LLC.		Huff		Well LLC	
Address				Address			
P.O. Box 41							
City		State		City		State	
Adel		IA				Zip	
		50003					
Phone Number (area code)		Cell Phone		Phone Number (area code)		Cell Phone	
515-418-8614				Drew		641 344 4705	

3. System Requirement Information		4. Site and Soil Evaluator (Percolation Test/Soils Analysis)	
IAC CHAPTER 69 DOUBLE COMPARTMENT TANK REQUIRED		PERCOLATION/SOILS ANALYSIS MUST BE COMPLETED AND APPROVED PRIOR TO THE ISSUANCE OF PERMIT	
Minimum Tank Size Required		Date test taken _____ Test taken by _____	
1-3 Bedroom	1250	Passed: _____ Failed: _____	
4 Bedroom	1500	Percolation Rate: _____	
5 Bedroom	1750	Soils Loading Rate: _____	
6 Bedroom	2000		

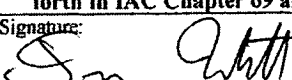
5. Type of Submittal		6. Address Information	
<input type="checkbox"/> New House <input checked="" type="checkbox"/> Existing House <input type="checkbox"/> Repair, Tank <input type="checkbox"/> Repair, Treatment Area <input type="checkbox"/> System Replacement		911 Address or nearest road: 1721 158 th St. Legal Description: 1.2A SE PT NWSW 32-77-28	
Previous Permit #:			

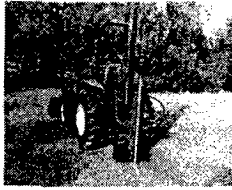
7. Type of Building (Completed by Owner)			
Building Square ft.:	Number of Bedrooms:	Number of Bathrooms:	Non-Residential uses:
Other buildings served by this system:		Any other circumstances which may affect water usage:	
		Water softeners must be routed to a brine pit independent of septic system.	

Your contractor or system designer should complete the remaining portion of this application.

8. Tanks			
Septic Tank	Type: Concrete	Size: 1250	Manufacturer: Lister
Pump Tank	Type:	Size:	Manufacturer:
Additional Tank	Type:	Size:	Manufacturer:

9. Secondary Treatment Area				
Laterals	Type: 36" laterals	Length of each: 100'	Total number: 3	Maximum trench Depth: 36"
Sand Filter	Square ft.:	Length:	Width:	
Peat System	Model:	Manufacturer		
Other	Description:			

I hereby attest the truth and accuracy of all facts and information presented on this application. Request for inspection of the system must be made 24 hours in advance. Water at the site to test the distribution box must be available. Discharging systems must be covered by a maintenance agreement, which shall be recorded in the Madison County Records Office. Discharging systems also require periodic testing as set forth in IAC Chapter 69 and Madison County Environmental Health Regulations.		It is unlawful to start construction, reconstruction, or repair of any PSDS prior to issuance of a PSDS permit by the Environmental Health Officer.
Applicant Signature: 	Date: 12-7-15	



BOECKMAN SERVICES

1990 CLOVER AVENUE
CRESTON, IA 50801

PHONE: (641)-344-6408
Louis Boeckman, CPSS-PSCI

Saturday, August 22, 2015

MADISON COUNTY HEALTH & ZONING
Elton Root, Sanitarian
PO Box 152
Winterset, IA 50273-0152

RE: Soil Analysis for Linda Clayton —
1721 158th Street
Earlham, IA 50072
Section 32 Madison Township

Clayant LLC
P.O. Box 41
Adel 50003

Dear Mr. Root:

Enclosed is soil analysis results conducted on Thursday, August 20, 2015 for the existing home site of **Linda Clayton** located in **section 32** of **Madison Township** near **Earlham, Iowa**

A total of 5 soil borings were made during this investigation. The loading rate is **.61 gallons per square foot** for the **potential soil absorption field**. The total footage for the field if constructed would be **400 feet with a 2-foot trench width** for 450 gallons per day water usage or 3-bedroom home. The wide chamber product can be used with **300 feet of 3-foot trench** at this home site.

The test area is located just west of the home site and in the yard area.

Soil borings indicate the soils are **Nira soils**. Soils at this site are **moderately well drained** and have a **seasonal high water table of 2 to 5 feet** during spring months or during heavy rainfall periods. Active seasonal high water table was observed at depths of 2 to 3-1/2 feet during this investigation.

Nira soils in this area are underlain by **weathered till at depths of 7 to 8 feet or more**. Redox feature were observed at depths of 1-1/2 to 2-1/2 feet and gray matrix colors at depths of 2 to 4-1/2 feet.

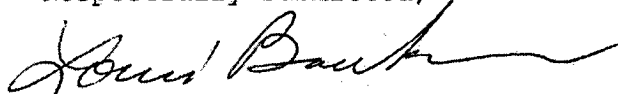
If this site is used for soil absorption field, **trenches must be constructed at depths of 24-30 inches with a maximum depth of 36 inches**. It is recommended constructing trenches within test holes 1 through 4. Test hole 5 will have wetter soil conditions.

A curtain/tile drain is recommended to installed upslope of the field at depths of 5-7 feet. This will help lower seasonal high water table and improve performance of the field. It is also recommended to divert gutter drains from the house and building away from the soil absorption area.

Please note a well is located just west of the house. This well may needed be plugged to meet the separation distance requirements.

If there are any questions, you can contact me at 641-344-6408.

Respectfully submitted,



Louis Boeckman, CPSS

Enclosure:

Soil Analysis Results
Soil boring & Transect
Drawing of Site
Curtain Drain information
Receipt-Sent to Clayton

Cc: Linda Clayton
Travis Witt

SOIL BORINGS AND TRANSECT OF ON-SITE WASTEWATER TREATMENT AND DISPOSAL SYSTEM SITE

DATE: 8-20-2015 Time Started: 8:00 AM Time Completed: 12:00 PM
 Conducted By: Lewis Boettner Certification: 0855-1553

LOCATION: 89 feet west of 12 feet North of SW Corner of Home
 LANDSCAPE-LANDFORM-SLOPE TYPE: (Place "X" on Diagrams-Back of Sheet)
 SOIL SYMBOL: 570C
 ASPECT (%): 52 (350)
 DRAINAGE: MW

HOME OWNER: Linda Clayton
 ADDRESS: 1721 154th Street
 CITY: Oak Grove ST: ZIP: 50022
 COUNTY: Madison
 SECTION NO.: 32 T. 72 N. R. 28 W.
 TOWNSHIP: Madison
 SOIL NAME: Mrg Silty Clay loam, 5 to 9 percent slope
 SOIL PERMEABILITY: Mod. Slow

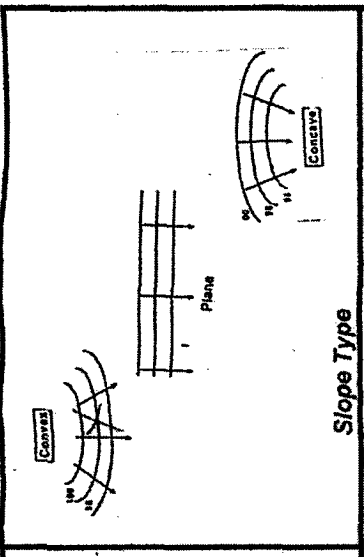
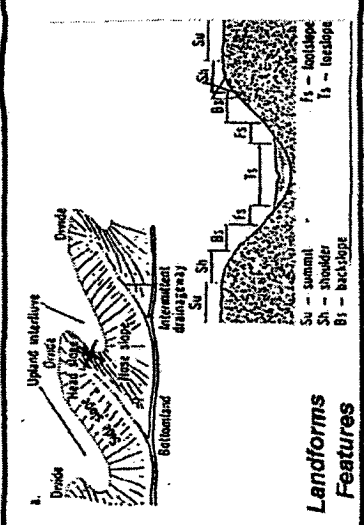
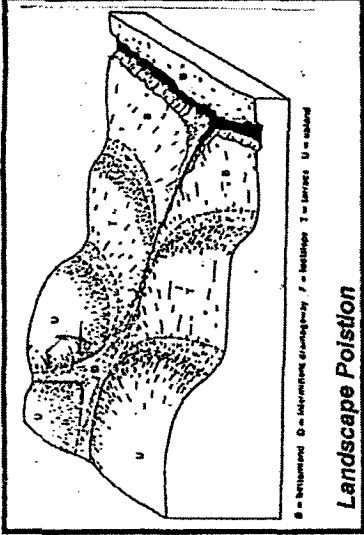
SLOPE (%): 52
 DEPTH OF POTENTIAL SEASONAL HIGH WATER TABLE (ft.): 2-5
 NO. 1 NO. 2 NO. 3 NO. 4 NO. 5 NO. 6 NO. 7 NO. 8 NO. 9
 18 24 30 18 22 22 22 22 22
 SOIL BORINGS:
 THICKNESS OF SURFACE SOIL (in.):
 DEPTH TO Concentrations:
 REDOX FEATURES:
 DEPTH TO GRAY MATRIX:
 DEPTH OF LIMITING LAYERS(KD/in.):

DEPTH TO CLAY MAXIMUM: 18-24
 DEPTH OF ACTIVE W.T.: 0-41"
 FORMULAS:
 GPD = LLB = FOOTAGE
 LR TW

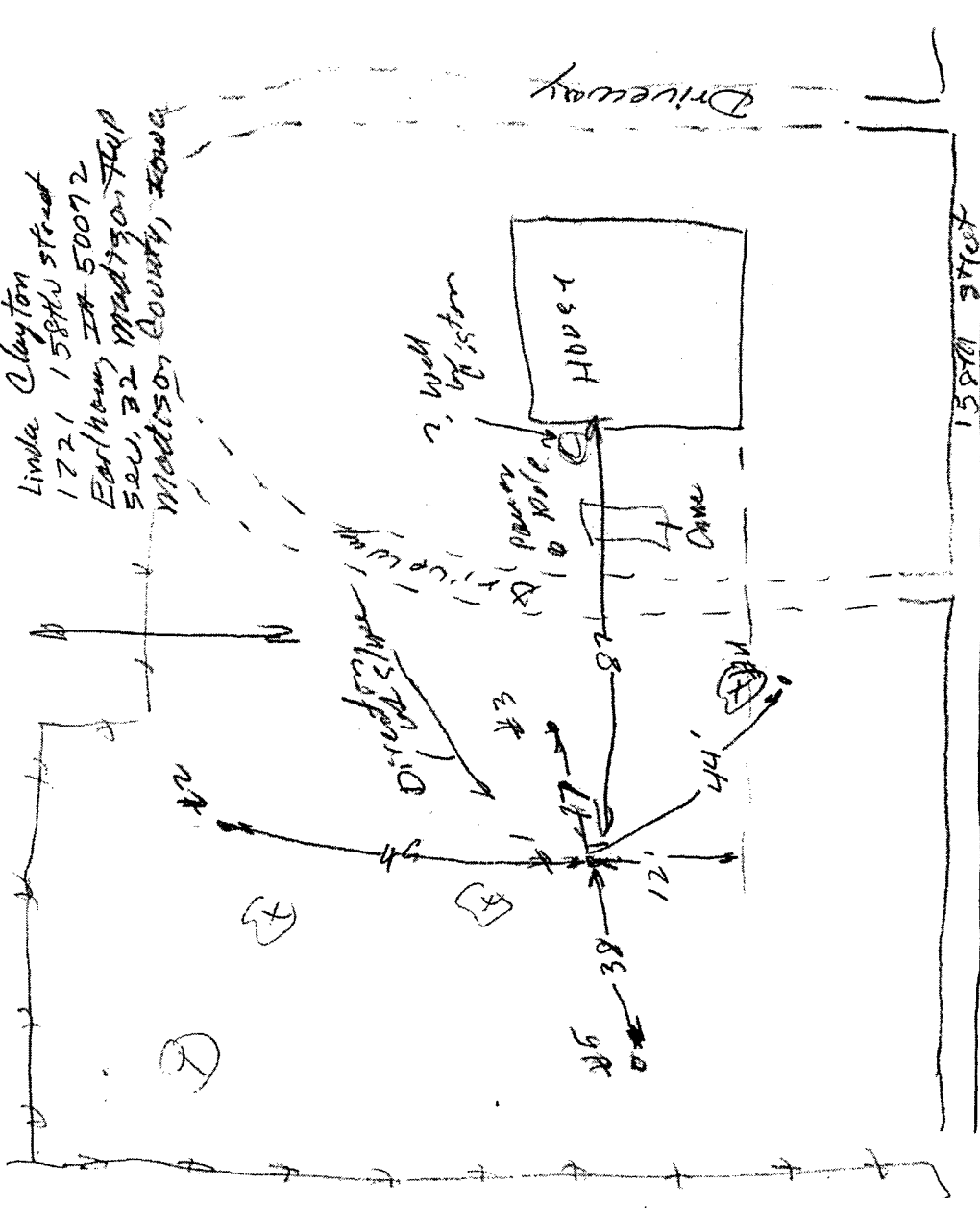
DEPTH (Inches)	HORI-ZON	SOIL TEXTURE	COLOR		COATS OF CLAY FILMS	STRUC-TURE	CONSI-STENCY	ROOTS	BOUN-DARY	MOIST STATE	COMPACTION	PM or REMARKS	LOADING RATE
			MATRIX	REDOX									
6-13	Bp	S-scl 30.3%	10R5/1			clay fine	N	0.1	As	m	No	Loess	0.65
13-	A	S-scl 32%	10R3/1			1MB fine	Pr	1.1	cs				.6
18	Bq	S-scl 35.3%	7.0R5/2		10R5/2	1MS fine	Pv	1.1	gs				.6
24-	Bq	S-scl 34%	6		10R2 1/2	1MS fine	Fv		gs				.6
39-	Bq	S-scl 33%	7.5R4/2		10R5/2	1MS fine	Pv		gs				.6
40-	Bq	S-scl 32%	6				Pv						.6
75	Bq	S-scl 32%	6				Pv						.6

13 = 8.45
 36.65
 60
 = 28.2
 47
 60
 1610833

PM = PARENT MATERIAL--(1) Loess, (2) Glacial Till, (3) Weathered Glacial Till, (4) Valley Fill, (5) Outwash, (6) Eolian, & (7) Alluvium
 Depth To Redox Footing = 18-50"
 Gray Matrix Colors = 22-53"
 Clay mat = 18-36"
 Water Table = 25-43"
 Not a well located west of Home for separate Drains
 Require more



Drawing of Home Site Layout



Home Site Checklist:
1. Location of house
2. Location of wells
3. Location of utilities
4. Location of Soil Absorption Field.
5. Location of Street and Driveway
6. Show Direction of Slope
7. Show Orientation from North.
8. Show Owner's Name & Address
9. Show Section & Township
10. Location & Distance of Soil Borings



Parcel ID	200033264020000	Alternate ID	n/a	Owner Address	CLAYENT LLC
Sec/Twp/Rng	32-77-28	Class	R		RCS
Property Address	1721 158TH ST EARLHAM	Acreage	1.2		4708 MERCANTILE DR. FORT WORTH, TX 76137
District	MADISON				
Brief Tax Description	1.2A SE PT NW SW (Note: Not to be used on legal documents)				

Septic Permit # 100-15

Permit No 100-15 Name: Clayent 911 Sign Locate

Date of Inspection: 12/19/15 Inspected by: Elton Root

Contractor: Huff Well LLC

Dwelling under construction or moved in Yes No

Setbacks

Meets required setbacks.

- Rural Water Yes No
- Private wells/heat pump wells/suction water lines/lakes Yes No
- Outside required 50-foot setback for tank Yes No
- Outside required 100-foot setback for laterals Yes No
- Streams/ponds (25-25 ft)-ditches (10-10 ft) Yes No
- Indications of water lines under pressure Yes No

Comments:

Building Sewer

- Clean outs – one right outside of house Yes No
- location of cleanout inside house and set requirement Yes No
- Pipe is SCH 40 and has a 4-inch diameter. Yes No
- Grade – has adequate fall. Yes No

Comments:

Tank

- Septic/Pump Tank Size & Manufacturer 1250 Lister Concrete Plastic
- Pump Tank Size & Manufacturer Concrete Plastic
- Septic compartments meet the specs for capacity. Yes No
- Baffle Yes No
- Inlet/Outlet tees are ok. Yes No
- Effluent filter in the outlet. Yes No Manuf. Poly Lock 4" Gray
- Tank depth 6 inches
- Risers Yes No
- Lids above grade screwed on Yes No Will be

Comments:

Distribution Box

- Brand Tuf-Tite Other
- Bedded in cement. Yes No Will be
- Has required inlet baffle. Yes No Will be
- Outlet levels –are level. Yes No Unknown

Comments:

Laterals

- Distribution lines: 4 -inch PVC pipe – SDR35
- Lateral used. 36" Low Profile Reduction? Yes No
- Lateral depth. 30 inches Perc depth 36 inches
- Laterals were level. Yes No
- Adequate amount of undisturbed soil between laterals. Yes No
- Distance 6 feet between laterals.

Comments:

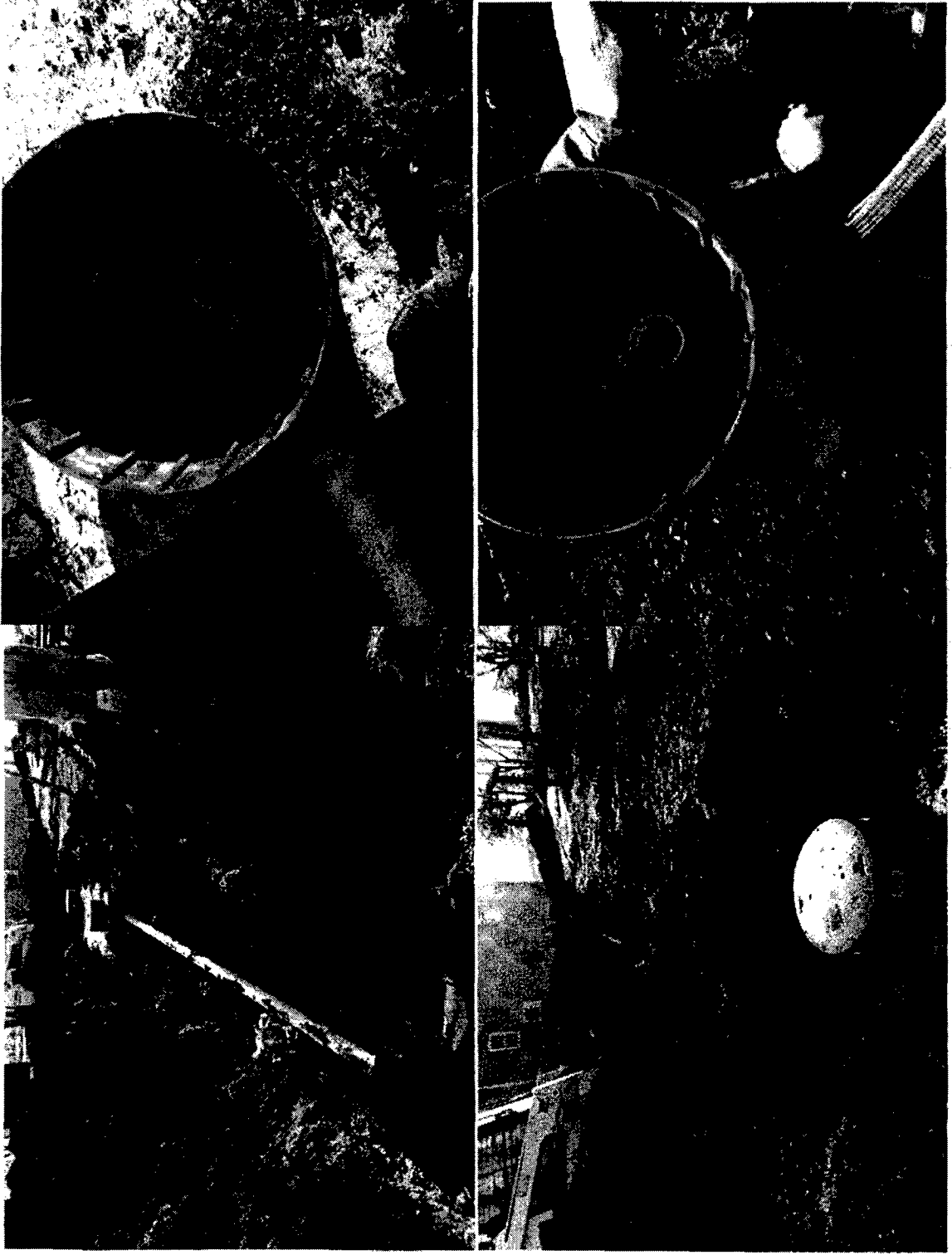
Permit # 100-15 Clayent inspection 12/19/15

1721 158th Street



Permit # 100-15 Clayent inspection 12/19/15

1721 158th Street



Permit # 100-15
Inspection 12/19/15
1721 158th Street

