

SITE / SOIL EVALUATION FOR ON-SITE WASTE WATER

Date Evaluated 10-11-16
Property ID #
Property Record #

COUNTY: _____ PROPERTY SIZE 10.10 PROPOSED FACILITY SFD
LOCATION OF SITE: 1134 Piney Branch Rd. 360640

WATER SUPPLY: On-Site Well _____ Community _____ Public _____ Other _____ Evaluation By: Auger Boring X Pit _____ Cut _____

FACTORS		PROFILES			
		1	2	3	4
Landscape Position	.1940	L	L		
Slope (%)	.1940	8%	8%		
Horizon 1 Depth		0-10	0-10		
Texture Group	.1941 (A) (1)	CL	CL		
Consistence	.1941	Fr	Fr		
Structure	.1941 (A) (2)	WBK	WBK		
Mineralogy	.1941 (A) (3)	SE	SE		
Other					
HORIZON 2 DEPTH		10-19	10-21		
Texture Group	.1941 (A) (1)	C	C		
Consistence	.1941	Fi / Fi'	Fi / Fi'		
Structure	.1941 (A) (2)	WBK	WBK		
Mineralogy	.1941 (A) (3)	SE	SE		
Other					
HORIZON 3 DEPTH		19-25	21-28		
Texture Group	.1941 (A) (1)	BC (C + SAP)	BC (C + SAP)		
Consistence	.1941	Fi / Fr			
Structure	.1941 (A) (2)	WBK			
Mineralogy	.1941 (A) (3)	SE			
Other					
HORIZON 4 DEPTH		25+	28+		
Texture Group	.1941 (A) (1)	SAP	SAP		
Consistence	.1941				
Structure	.1941 (A) (2)				
Mineralogy	.1941 (A) (3)				
Other					
SOIL WETNESS	.1942				
RESTRICTIVE HORIZON	.1944				
SAPROLITE	.1943				
CLASSIFICATION	.1948	US	US		
LONG TERM ACCEPTANCE RATE	.1955				
AVAILABLE SPACE (.1945):			SITE LTAR		
OTHER FACTORS (.1945)			SYSTEM TYPE:		
SITE CLASSIFICATION (.1948):					
COMMENTS:					

YADKIN COUNTY HEALTH DEPT.

SITE/SOIL EVALUATION
FOR ON-SITE WASTE WATERDate Evaluated 10-25-16

Property ID#

Property Recorded

APPLICANT Chris Kirk

PHONE

APPLICATION DATE

ADDRESS

COUNTY

PROPERTY SIZE 10.10 AC.PROPOSED FACILITY SFD 3606ALOCATION OF SITE 1134 Piney Branch Ln

WATER SUPPLY: On-Site Well

Community

Public

Other

Evaluation By: Auger Boring

Per X Cut

FACTORS

PROFILES

		1	2	3	4
Landscape Position	.1940	L	L		
Slope (%)	.1940	6%	6%		
Horizon 1 Depth		0-8	0-9	0-10	0-14
Texture Group	.1941 (A) (1)	SCL	SCL	SCL	SCL
Consistence	.1941	Fr	Fr	Fr	Fr
Structure	.1941 (A) (2)	G/SBK	G/SBK	G/SBK	G/SBK
Mineralogy	.1941 (A) (3)	SE	SE	SE	SE
Other					
HORIZON 2 DEPTH		8-17	9-21	10-29	14-29
Texture Group	.1941 (A) (1)	C	C	C	C
Consistence	.1941	Fr/Fi	Fr/Fi	Fi	Fi
Structure	.1941 (A) (2)	SBK	SBK	SBK	SBK
Mineralogy	.1941 (A) (3)	SE	SE	SE	SE
Other					
HORIZON 3 DEPTH		17-34	21-38	23-38	29-38
Texture Group	.1941 (A) (1)	BC	BC	BC	BC
Consistence	.1941	Fr	Fi/Fr	Fi/Fr	Fi/Fr
Structure	.1941 (A) (2)	WSBK	WSBK	WSBK	WSBK
Mineralogy	.1941 (A) (3)	SE	SE	SE	SE
Other					
HORIZON 4 DEPTH		34+	38+	38+	38+
Texture Group	.1941 (A) (1)	SAP (Rock)	SAP (Rock)	SAP (Rock)	SAP (Rock)
Consistence	.1941		Platy		
Structure	.1941 (A) (2)				
Mineralogy	.1941 (A) (3)				
Other					
SOIL WETNESS	.1942				
RESTRICTIVE HORIZON	.1944				
SAPROLITE	.1943				
CLASSIFICATION	.1943	P.S.	P.S.	P.S.	P.S.
LONG TERM ACCEPTANCE RATE	.1955	.275	.275	.275	.275
AVAILABLE SPACE (.1945):					
OTHER FACTORS (.1945):					
SITE CLASSIFICATION (.1943):					
COMMENTS:					

**YADKIN COUNTY ENVIRONMENTAL SERVICES
SEPTIC SYSTEM LAYOUT FORM**

✓ IMPROVEMENT PERMIT

✓ ATC

□ OPERATION PERMIT

NAME Chris Kiszka DATE 10-25-16
ADDRESS 1134 Piney Branch Ln. Yadkinville NC 27055
PERMIT # 16070102032 LTAR .275

STS SPECS

NEW OR REPAIR <u>New</u>	SEPTIC TANK <u>1000g</u>	TRENCH DEPTH <u>20" Low side</u>
SYSTEM TYPE <u>25% Reduction</u>	PUMP TANK <u>✓</u>	COVER DEPTH <u>8"</u>
REPAIR TYPE <u>25% Reduction</u>	LINEAR FT. <u>330'</u>	STONE DEPTH <u>✓</u>
INSTALLER _____	NO. LINES <u>3</u>	SYS CLASS <u>III</u>

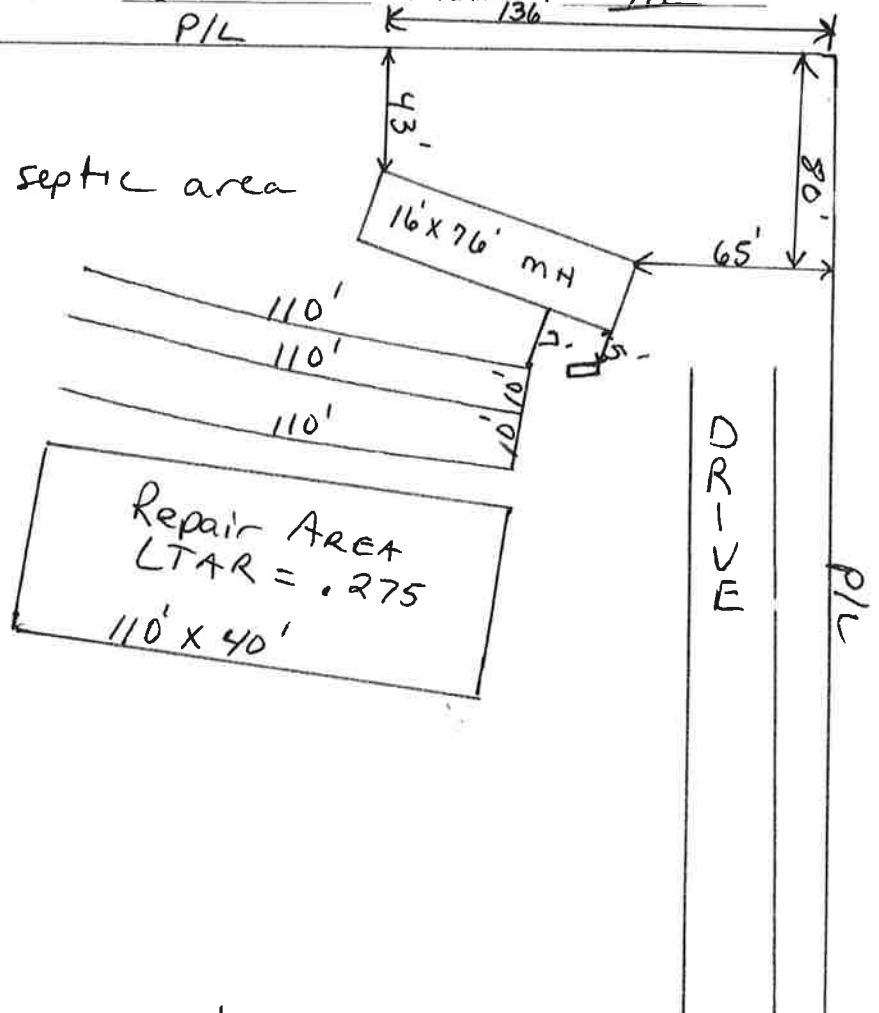
* Obey all setbacks

* Do not cut, fill, or alter septic area or Repair area.

* keep lines on contour

* 9' centers minimum

* TANK can be set where needed.



Well Area must be 100' from Septic Area.

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit.

COMMENTS/CONDITIONS: Any questions call before digging!

BY Shane Walker REHS #2444



OPERATIONS PERMIT

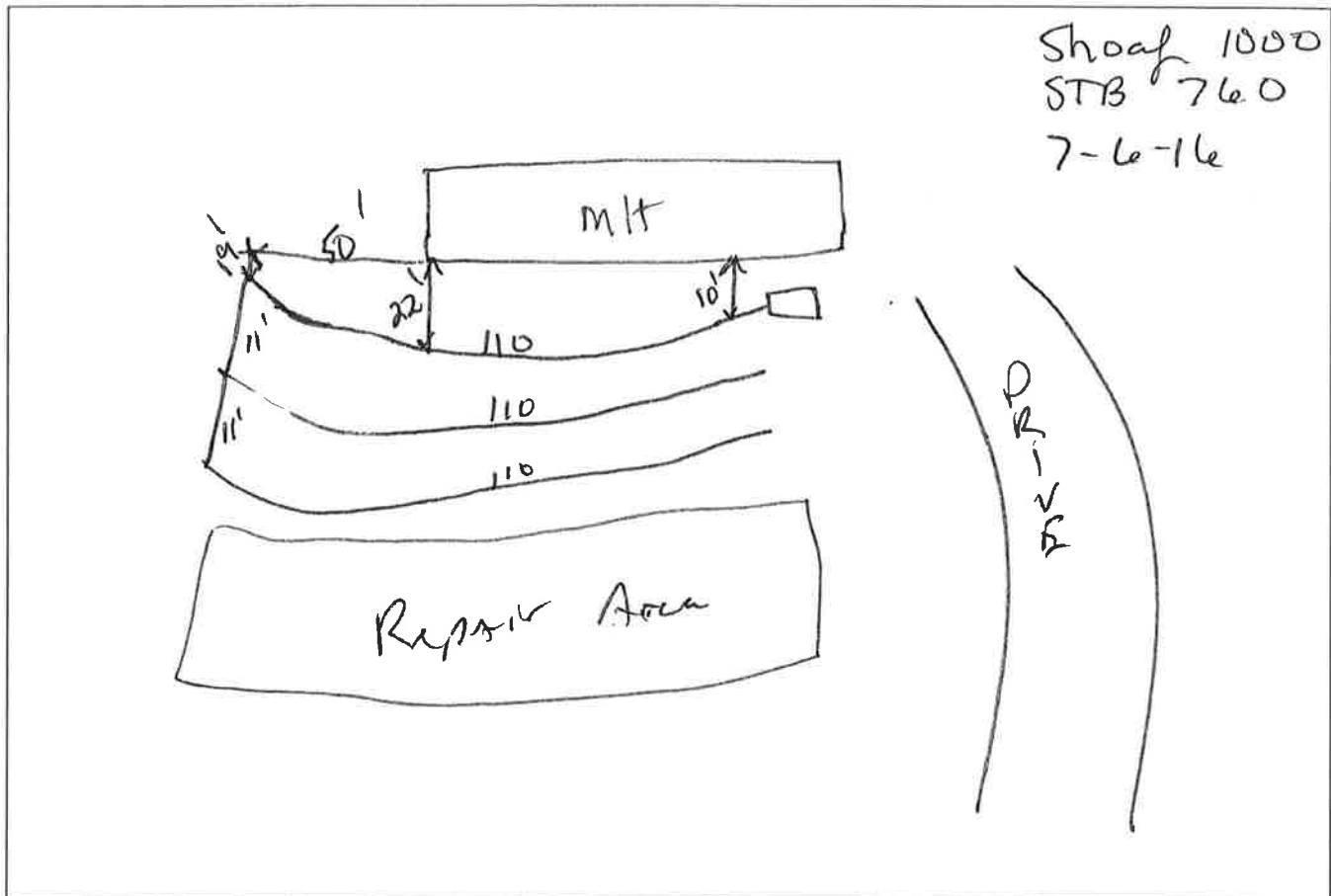
ON-SITE WASTEWATER SYSTEM TYPES II-V

14-061-JWCc.

APPLICANT/ OWNER	Chris Kiszka	PERMIT #	16070102032
LOCATION	1134 Piney Branch Ln Yadkinville NC 27055		
DESIGN	New 360GPD	FACILITY	SFD 3 Bedroom
	WATER	Well	INSTALL TYPE

The following items are on file and part of this Permit: ☒ Application ☒ DP/CA ☒ Soil Sheet ☐ Plat Map ☐ Engineer's Drawing

As-Built Diagram (Not to Scale)



Initial System:	25%	LTAR:	.275	# of Lines	3	Repair System:	25%	LTAR	.275
Trench Depth:	20"	Cover Depth:	8"	Stone Depth:		Linear Feet:	330	# of Boxes	
S. Tank:	1000' Shoaf	Pump Tank:							
Installer:	T & L Custom Grading & Septic				Well Setback:	>100'			
Comments:									

This system has been installed in compliance with applicable NC General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the I.P. and A.C. System shall perform in accordance with Rule. 1961. Ground absorption sewage treatment and disposal systems shall be checked, and the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid in any compartment. QUESTIONS? (336) 679-4244

Name, REHS#

Shane Walker #2444

Authorized State Agent

11-22-16

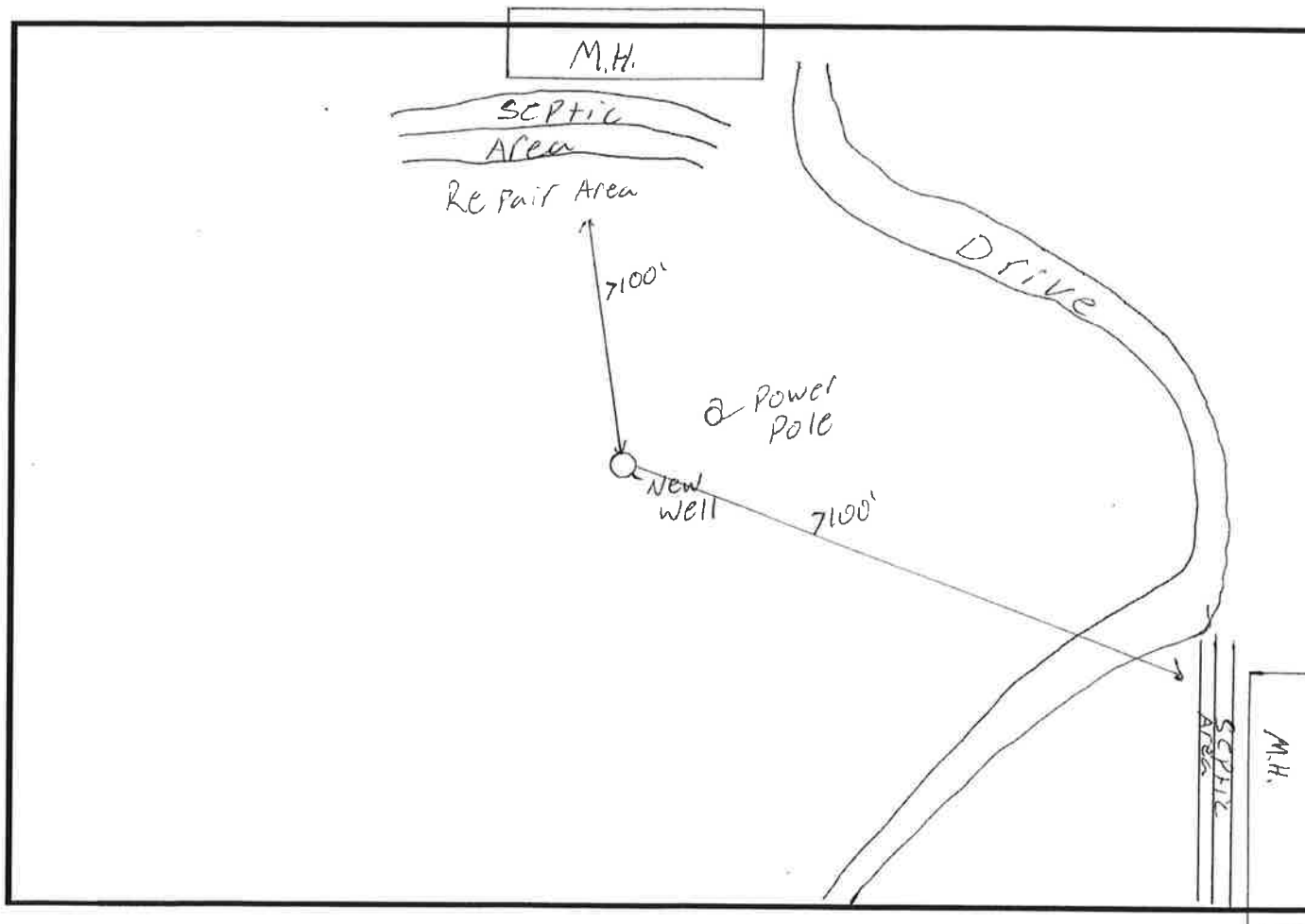


CERTIFICATE OF COMPLETION PRIVATE DRINKING WATER WELL

17-004D-JWCo.

Applicant/Owner <u>Chris K. Szka</u>	Date of Application <u>6/15/2017</u>
Address <u>1146 Piney Branch LN, Yadkinville, NC 27055</u>	Permit # <u>WSMF-001487-2017</u>
	Intended Use <u>Private</u>

As-Built Diagram (Not to Scale)



GROUT	Type: <u>Bentonite</u>	Depth: <u>37'</u> ft	Method: <u>Pump</u>	Date: <u>6/27/17</u>
CASING	Type: <u>PVC</u>	Depth: <u>37'</u> ft	Diameter: <u>6.125</u> in	REHS: <u>Jacob Squiles</u>
WELL HEAD	Height: <u>1</u> ft	Port/Vent: <u>0</u> N	Seal: <u>0</u> N	Threadless Sample Tap: <u>0</u> N
WELL PLT	.0107 J (2) ☒	Date: <u>6/27/17</u>	Depth: <u>225</u> ft	Yield: <u>20</u>
PUMP PLT	.0101 J (3) ☒	Date: <u>6/30/17</u>	Depth: <u>100</u> ft	Static H2O Level: <u>40</u> ft
DRILLER	<u>Aquadrill</u>	Cert #: <u>2839</u>	Installer: <u>Aquadrill</u>	Cert #: <u>2241</u>
COMMENTS				

The well owner shall not place potential sources of groundwater contamination closer to the well than the separation distances specified in 15A NCAC 02C. This well was constructed in the designated area and according to the well construction permit and the Private Drinking Water Well Rules. Please contact Yadkin County Environmental Health at (336) 679-4244 if you have any questions.

Date: 7/26/2017

Issued By: Jacob Squiles #2628 REHS

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Brian Lilley Flowise 1/2 HP 10 GPM
Well Contractor Name @ 100 ft. G2M52-P10S05 20 gallon tank
2839A 6/30/17

NC Well Contractor Certification Number

Aqua Drill Inc

Company Name

WSMF-001487-2017

2. Well Construction Permit #:

List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:	
☐ Agricultural	☐ Municipal/Public
☐ Geothermal (Heating/Cooling Supply)	☒ Residential Water Supply (single)
☐ Industrial/Commercial	☐ Residential Water Supply (shared)
☐ Irrigation	
Non-Water Supply Well:	
☐ Monitoring	☐ Recovery
Injection Well:	
☐ Aquifer Recharge	☐ Groundwater Remediation
☐ Aquifer Storage and Recovery	☐ Salinity Barrier
☐ Aquifer Test	☐ Stormwater Drainage
☐ Experimental Technology	☐ Subsidence Control
☐ Geothermal (Closed Loop)	☐ Tracer
☐ Geothermal (Heating/Cooling Return)	☐ Other (explain under #21 Remarks)

4. Date Well(s) Completed: 6-27-17 Well ID#

5a. Well Location:

Chris Kiszka

Facility/Owner Name

Facility ID# (if applicable)

1134 Piney Branch Ln Yadkinville NC 27055

Physical Address, City, and Zip

yadkin

County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

36 13'34.2 N 80 15'23.3 W

6. Is (are) the well(s) ☒ Permanent or ☐ Temporary

7. Is this a repair to an existing well: ☐ Yes or ☒ No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled:

9. Total well depth below land surface: 225 (ft.)
For multiple wells list all depths if different (example - 3@200' and 2@100')

10. Static water level below top of casing: 30 (ft.)
If water level is above casing, use "-"

11. Borehole diameter: 13 (in.)

12. Well construction method: air rotary
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 20 Method of test: blow

13b. Disinfection type: hth70% Amount: 12oz

For Internal Use Only:

14. WATER ZONES					
FROM	TO	DESCRIPTION			
70 ft.	80 ft.	fracture			
ft.	ft.				
15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)					
FROM	TO	DIAMETER	THICKNESS	MATERIAL	
0 ft.	37 ft.	6.25 in.	sdr21	pvc	
16. INNER CASING OR TUBING (geothermal closed-loop)					
FROM	TO	DIAMETER	THICKNESS	MATERIAL	
ft.	ft.	in.			
ft.	ft.	in.			
17. SCREEN					
FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
0 ft.	ft.	in.			
ft.	ft.	in.			
18. GROUT					
FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT		
0 ft.	20 ft.	bentonite	pump 3 bags		
ft.	ft.				
ft.	ft.				
19. SAND/GRAVEL PACK (if applicable)					
FROM	TO	MATERIAL	EMPLACEMENT METHOD		
ft.	ft.				
ft.	ft.				
20. DRILLING LOG (attach additional sheets if necessary)					
FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)			
0 ft.	15 ft.	clay			
15 ft.	37 ft.	granite			
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				
21. REMARKS					

22. Certification:

Signature of Certified Well Contractor

6-27-17

Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. **For All Wells:** Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. **For Injection Wells:** In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

24c. **For Water Supply & Injection Wells:** In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.



YADKIN COUNTY ENVIRONMENTAL HEALTH

WELL LOCATION

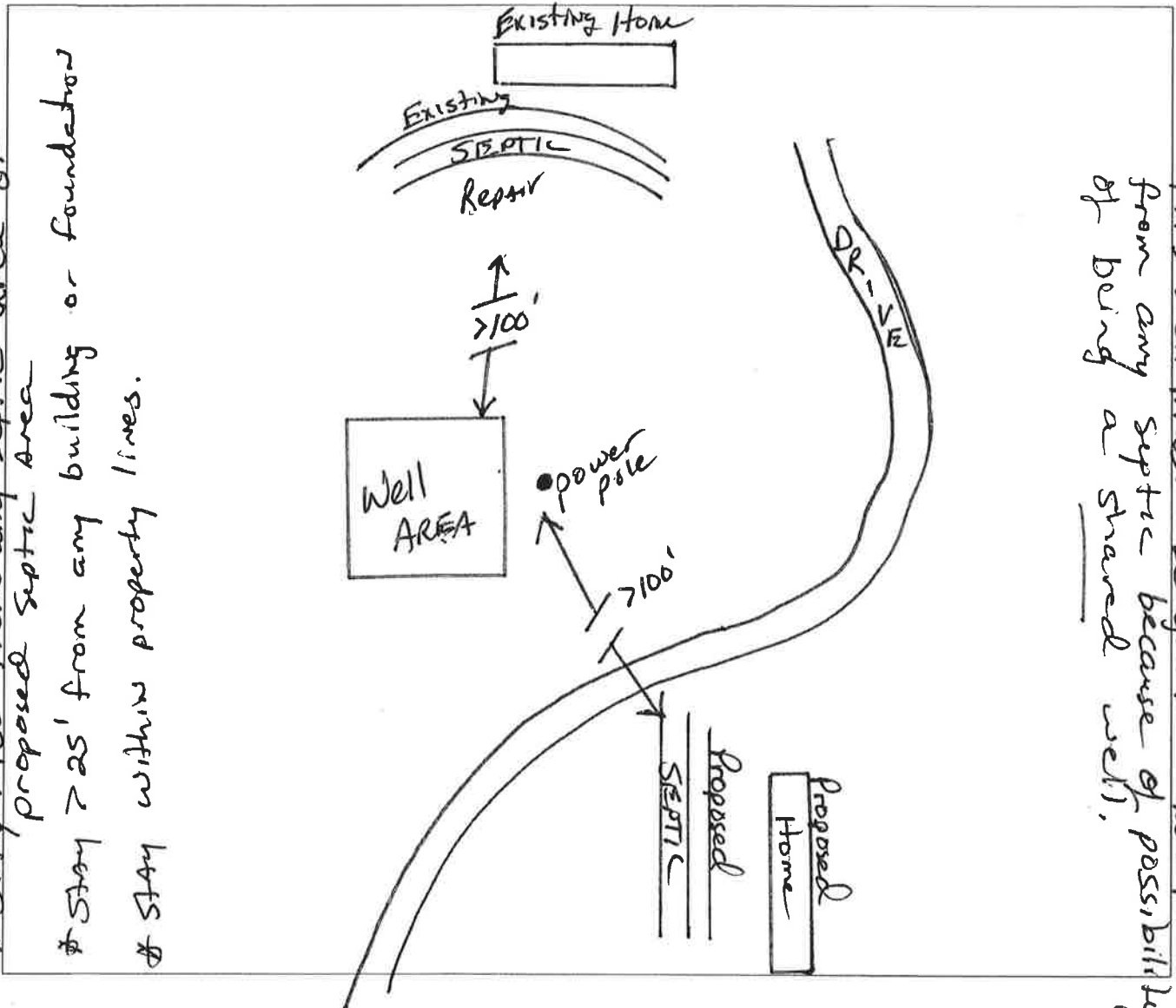
14-062-JWC

APPLICANT/ OWNER	Chris Kiszka	WSMF-001487-2017	DATE: 6-16-17
ADDRESS	11840 Piney Branch Rd Yadkinville NC 27055		

WELL INFO

- ☒ NEW WELL ☐ REPLACEMENT WELL ☒ WELL FOR SINGLE RESIDENCE
- ☒ WELL FOR 2 OR MORE RESIDENCES ☒ PRIVATE WELL ☐ PUBLIC WELL

(Not to Scale)



Comments:

Any questions about well placement, call before drilling!

Name, REHS#

Shane Walker #2444

Authorized State Agent