

C1 55712

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER XIII

ST/CO USE ONLY DATE RECEIVED MM 05 DD 27 YY 18

DATE WELL COMPLETED MM 03 DD 02 YY 18 Depth of Well 22 560 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho-17-0231

OWNER Simpson Thomas H. WELL SITE ADDRESS 5300 Green Bridge Rd TOWN Dayton SUBDIVISION SIMPSON & DENAULT SECTION LOT 6

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries like BROWN CLAYEY SILT GRADING INTO WEATHERED SCHIST, SAPROLITE & WEATHERED SCHIST, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C)

CEMENT (C) BENTONITE CLAY (B) NO. OF BAGS 11 NO. OF POUNDS 350 GALLONS OF WATER 220 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 58 ft.

CASING RECORD casing types insert appropriate code below (S) (T) (C) (O) (P) (L) (O) (T)

MAIN CASING TYPE (S) Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 60

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. M VD 576 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MW D 594 DRILLER

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 4 HR 45 MIN

PUMPING RATE (gal. per min.) 4.6

METHOD USED TO MEASURE PUMPING RATE WATCH & BUCKET

WATER LEVEL (distance from land surface)

BEFORE PUMPING 9 ft.

WHEN PUMPING 225 ft.

TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (describe below) (J) jet (S) submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES) (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

(+) above LAND SURFACE

(-) below 2 (nearest foot)

LATITUDE 3 9.22725

LONGITUDE 7 7.00025

(DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or state law.

Tag = 31615

B 1 34363

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-17-0231

562313C please type

fill in this form completely

Date Received (APA)

8 MM DD YY 13

OWNER INFORMATION

Simpson Thomas H. 5300 Greenbridge Road Dayton MD 21036

B 3

LOCATION OF WELL

Howard Simpson/Denavit Properties Dayton

DRILLER INFORMATION

Randall Alexander MWD 576 Alexander's Well Drilling 126 West Main St. P.O. Box 443 Fairfield, PA 17320

B 4

SOURCES OF DRILLING WATER

1. Well water

5300 Green Bridge Rd ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD ENTER FT OR MI TAX MAP BLK: 0018 PARCEL 0034

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation, Farming, Industrial, Commercial, Dewatering, Public Water Supply Well, Test, Observation, Monitoring, Open Loop Geothermal, Closed Loop Geothermal

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME X1111 COUNTY NO. STATE SIGNATURE DATE ISSUED CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 500 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

Bored (or Augered), Jetted, Jetted & Driven, Air-Rotary, Air-PerCussion, Rotary (Hydraulic Rotary), Cable, Reverse-Rotary, Drive-Point

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- This well will not replace an existing well, This well will replace a well that will be abandoned and sealed, This well will replace a well that will be used as a standby-contact local approving authority for policy on standby wells, This well will deepen an existing well

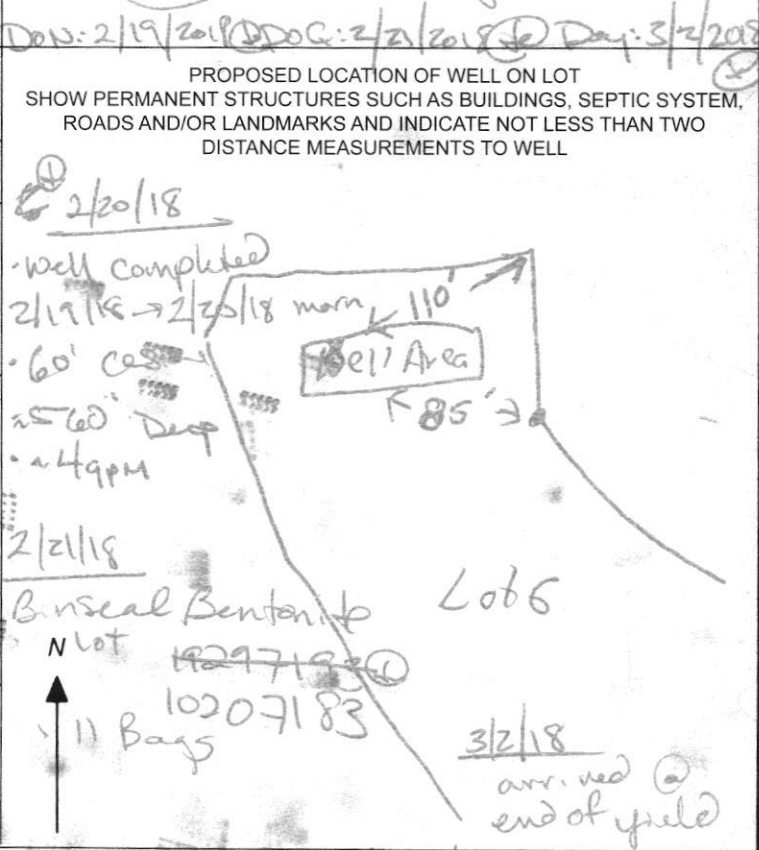
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER G PERMIT No. HO-17-0231

SPECIAL CONDITIONS

50' steel casing into competent bedrock, whichever



Yield Test Data Sheet

Maryland State Well Permit: H0-17-0231

Date of Yield Test: 3/2/18

Subdivision Name: SIMPSON + DENAULT

Section: _____ Lot: 6

Street Address: 5300 Green Bridge Rd.

Well Data

Measuring Point (MP): Top of casing
(e.g., "Top of casing")

Distance from MP to ground surface: 2 ft.

Well Depth: 560 ft.

Well Driller: ALEXANDER WELL DRILLING

WILLIAM L. HERTZ JSD-095

This form must be submitted with the State of Maryland Well Completion Report

Submit to: _____

Pump Start Time:	Static Water Level:	Rate method:		Calculated flow in gallons per minute (gpm)
		<input checked="" type="checkbox"/> Time to fill	<input type="checkbox"/> gal. bucket	
7:00	9 ft.			
		<input type="checkbox"/> Flow meter reading (if used)		
Water level and pumping rate must be recorded every 15 minutes				
Time	Water level below M.P.	Time to fill bucket	Pumping rate:	
1 7:00	9 ft.	5	12	gpm
2 7:15	72 ft.	5	12	gpm
3 7:30	120 ft.	6	10	gpm
4 7:45	159 ft.	6	10	gpm
5 8:00	188 ft.	7	8.5	gpm
6 8:15	208 ft.	7	8.5	gpm
7 8:30	218 ft.	7	8.5	gpm
8 8:45	225 ft.	13	4.6	gpm
9 9:00	225 ft.	13	4.6	gpm
10 9:15	225 ft.	13	4.6	gpm
11 9:30	225 ft.	13	4.6	gpm
12 9:45	225 ft.	13	4.6	gpm
13 10:00	225 ft.	13	4.6	gpm
14 10:15	225 ft.	13	4.6	gpm
15 10:30	225 ft.	13	4.6	gpm
16 10:45	225 ft.	13	4.6	gpm
17 11:00	225 ft.	13	4.6	gpm
18 11:15	225 ft.	13	4.6	gpm
19 11:30	225 ft.	13	4.6	gpm
20 11:45	225 ft.	13	4.6	gpm
21	ft.			gpm
22	ft.			gpm
23	ft.			gpm
24	ft.			gpm
25	ft.			gpm
26	ft.			gpm
27	ft.			gpm
28	ft.			gpm
29	ft.			gpm
30	ft.			gpm

NOTES:

Maura J. Rossman, M.D., Health Officer

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Eagles Well Pump & Water Treatment, LLC Telephone #: 410 795 9670
Address: 580 Obrecht Rd
Sykesville, MD 21784

Must circle one: Licensed Plumber / Licensed Well Driller / Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Daniel C Eagle License#: MSD2226

*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Toll Brothers Telephone #: _____
Subdivision: Willow Creeks Lot #: 6 Well Tag #: HO - 17- 0231
Site Address: 6010 Bucker Rd
Dayton, MD 21036

Submersible Pump Data
Make: Grundfos
Model #: 155REIS290
Pump Capacity: 15
Well Yield: 3

Pitless Adapter
Make: Cumtoll+
Model#: NA
GPM Depth: 36" (36" min)
GPM NSF/WSC approved: YES

Well Cap and Electric Conduit
Two piece watertight cap: YES
Screened, vented well cap: YES
Cap secured to casing: YES
Conduit min 18" B.G.: YES
Conduit secured to well cap: YES

Depth of well encountered at time of pump installation: 560 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.B.4
Must circle one: Torque arrestors / Cable guards / Other acceptable method used
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing NA

Piping to house
Type: 1" poly pipe
PSI: 200 (160 psi min)
Depth of supply line: 36" (36" min)

House Connection
PVC sleeve to undisturbed soil at wall penetration: YES
Length of sleeve (5' minimum from foundation): 16'
Sleeve sealed properly: YES

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 9/10/2021

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 09/13/2021 Date Insp. Approved: 09/13/2021 Inspector: [Signature]
Inspection Data:
Pitless adapter watertight & water supply line at least 36" below grade 43" 9/13/2021 [Signature]
Two piece cap installed and attached to casing securely 4.6" 9/13/2021 [Signature]
Elec. conduit extends at least 18" below grade/attached to cap properly 20" 9/13/2021 [Signature]
Safety rope not outside of well cap/casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

(Revised form 10/24/2018)



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – July 7, 2022

January 7, 2022

Homeowner
6010 Bricker Road
Dayton, MD 21036

**RE: Willowshire, Lot 6
6010 Bricker Road
Building Permit: B21000418
Well Permit: HO-17-0231**

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **1/6/2022**. Final approval of the well line connection to the dwelling was granted on **9/13/2021**. The well construction was completed on **3/2/2018**. Water samples were collected on **12/10/2021, 12/20/2021, 12/22/2021**.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-17-0231. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the *Annotated Code of Maryland, Environment Article, 9-1311*, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>



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Maura J. Rossman, M.D., Health Officer

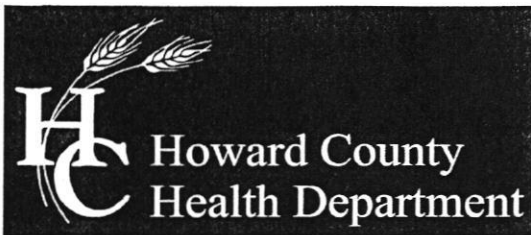
In closing, please refer to our "[Homeowner Fact Sheet](#)" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,

A handwritten signature in black ink, appearing to read 'Kevin M. Wolf', is written over a light blue horizontal line.

Kevin M. Wolf, LEHS, R.S./REHS, Supervisor
Groundwater Management Section
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File



Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

MEMORANDUM

TO: Randall Alexander MWD 576

FROM: Joseph Cabahug
Environmental Health Specialist
Well & Septic Program

DATE: February 9th, 2018

RE: Simpson & Denault Subdivision – Test Well Permit
Special Condition for Conversion to Potable Well

Handwritten: JE 2/9/18

The following comments apply to the above referenced Well Permit Application. Please read through and complete as needed.

The Maryland Department of the Environment (MDE) has granted variances to allow wells on the specified lots to be installed pursuant to the stated conditions. The wells to be installed on lots 3, 4, 5, 6, 7, 11, 12, 13, 15, and Parcel C respectively, must be installed according to these criteria.

- A. Respective well casing shall be steel
- B. Well casings extending to at least 50' in depth or 10' into competent rock, whichever is deeper

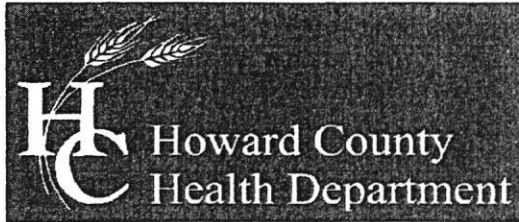
The Howard County Health Department is requiring the following samples during yield test:

- A. Sodium, Chloride, and Total Dissolved Solids *⊕ Nitrates ⊕*

If you have any questions regarding the above mentioned information, please feel free to contact me at 410-313-2643 or email jcabahug@howardcountymd.gov.

JCC

Cc: Jeff Lindaw
file



Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
 www.hchealth.org
 Facebook: www.facebook.com/hocohealth
 Twitter: HowardCoHealthDep

Dr. Maura J. Rossman, M.D., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location:

SIMPSON/DEVAULT PROPERTIES LOTS 4, 5, 6, 7, 11, 12, 13, 15, & PARCEL C
 Subdivision/Property Name Lot #
GREEN BRIDGE ROAD
 Road Name

The well site has been staked by SHANABERGER & LANE
 (professional land surveyor or company employing professional land surveyors)
 on 10/10/2017 (date) and does not require a site inspection.

Gregory Scott Shanaberger



The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.



Randall Alexander Well Drilling And Water Pump Sales And Service

126 West Main Street P.O. Box 443

Fairfield, PA 17320

Phone: 717-642-5963 FAX: 717-642-9864

PAHIC# PA022891

www.AlexandersWellDrilling.com

February 1, 2018

To whom it may concern,

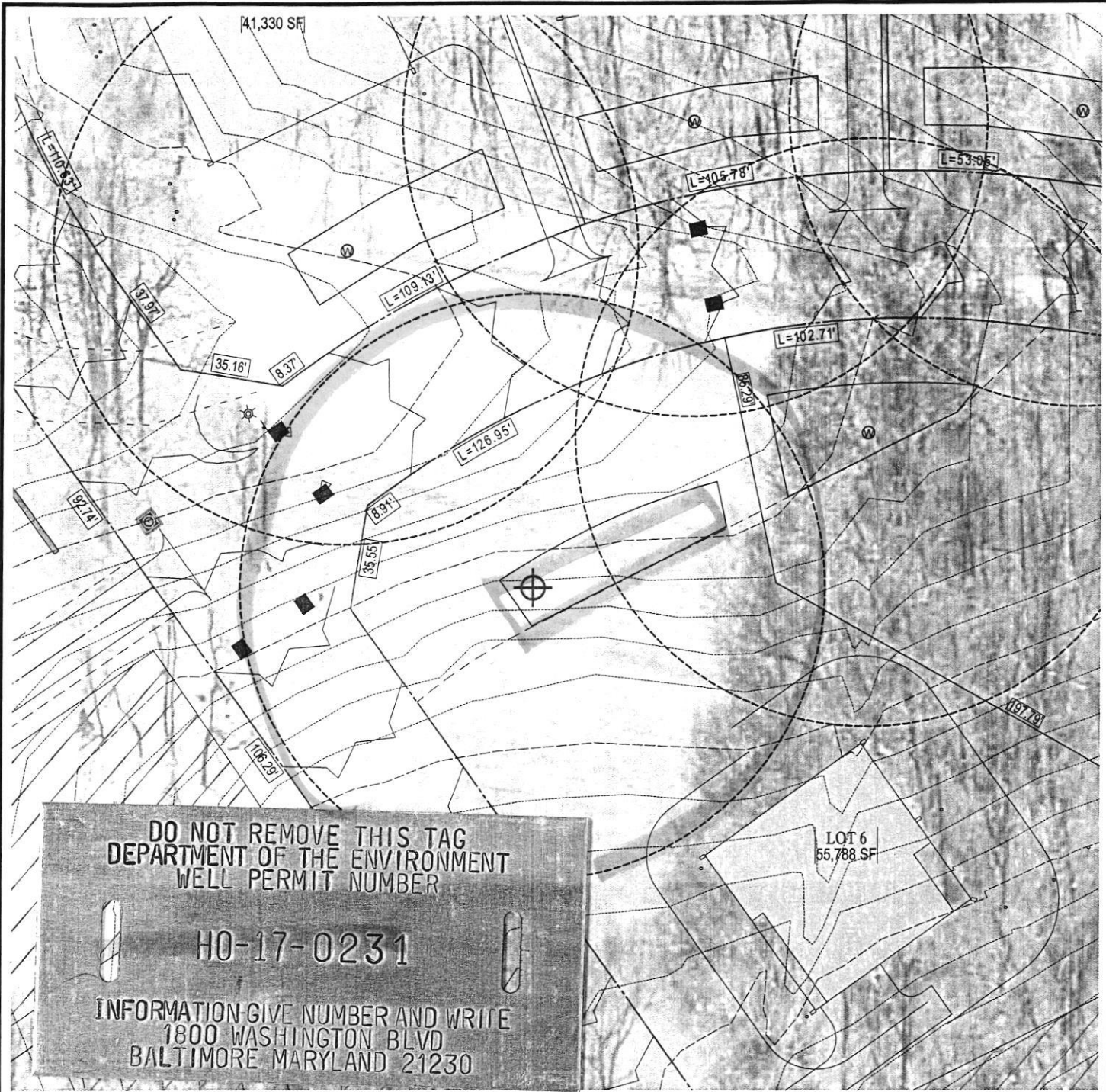
If Howard County Maryland Health Department will allow, I Randall L. Alexander grant permission for Hydro-Terra Group to pick up permits from the county when the permits are approved.

Randall Alexander

Owner - Alexander's Well Drilling



H:\Projects\Elm Street Development\Simpson & Denault Properties_Dayton, MD\CADD\ESD-SDP-Report Set.dwg



LEGEND

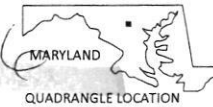
⊕ Proposed Test Well Site

Simpson + Denault Lot

Ho-17-0231

Approved 2/9/18

*Staked by
Shanaberger
+ Lane*

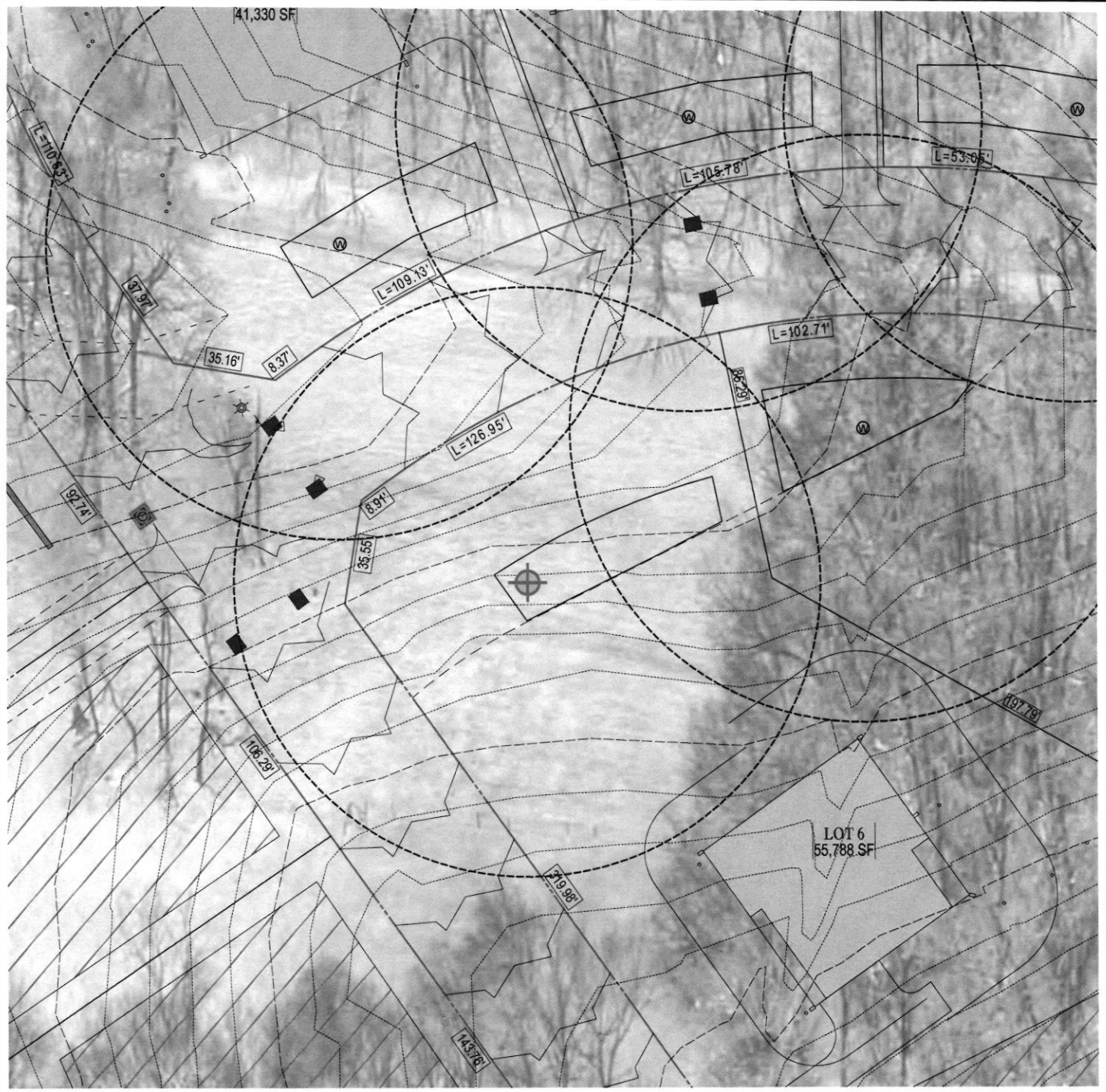


NOTE:

Aerial Photo Base was obtained from the State of Maryland iMap Imagery website (<http://imap.maryland.gov>), categorized as "Howard2016 SixInchImagery" dated 2016.

client:		Elm Street Development	
project location:		Simpson & Denault Properties Dayton, Howard County, Maryland	
project:		Water Supply Development Lot #6 Proposed Test Well Location Map	
file no.:		ESD-SDP-Report Set.dwg	
drawn	date	figure:	d
<i>M. Swam</i>	<i>01/25/18</i>		
checked	date		
<i>J. Lindaw</i>	<i>01/25/18</i>		
approved	date		
<i>M. Haufler</i>	<i>01/25/18</i>		
www.hydro-terra.com			

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Simpson + Denault Lot
Ho-17-0231
Approved 2/9/18
Staked by
Shanaberger
+ Lane

LEGEND

Proposed Test Well Site



QUADRANGLE LOCATION



NOTE:

Aerial Photo Base was obtained from the State of Maryland iMap Imagery website (<http://imap.maryland.gov>), categorized as "Howard2016 SixInchImagery" dated 2016.

Hydro-Terra GROUP		Elm Street Development	
project location: Simpson & Denault Properties Dayton, Howard County, Maryland		project: Water Supply Development	
file no. ESD-SDP-Report Set.dwg		Lot #6 Proposed Test Well Location Map	
drawn M. Swam	date 01/25/18	figure	d
checked J. Lindaw	date 01/25/18		
approved M. Haufler	date 01/25/18		
www.hydro-terra.com			



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Email: alexanderswell@comcast.net
PAHIC# PA022891
www.AlexandersWellDrilling.com

3/21/18

I Randall L. Alexander License # MWD# 576 would, like to change the following Tag numbers at the Simpson and Denault Subdivision property from test wells to production well. The tag numbers and lot information are listed below as follows as I have enclosed check# 20287 in the amount of

\$ 800.00 for the fee. Lots and Tags numbers are:

Lot# 5 H0-170230

Lot# 6 H0-17-0231

Lot #12 H0-17-0234

Lot#13 H0-17-0235

Lot #15 H0-17-0236.

Simpson and Denault subdivision is on Greenbridge Road Dayton Md.

Thank You

Randall L. Alexander, MWD 576



HOWARD COUNTY HEALTH DEPARTMENT

62935

DATE 3/27/18

WS

Received From

Alexander's Well
Chillene

PHONE # 270-642-5963

CASH
 CHECK
 NO. 20207

For

Well permits - Demmitt
subdivision Property

Eight hundred Dollars

\$ 800.00

Received By

J King

4/3/2018 TEST WELL CONVERSION TO POTABLE WELL

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 120250 Account #: 2440
Reference: Simpson & Denault Company: Hydro-Terra Group
Location: Green Bridge Road Requested By: Jeff Lindaw
Dayton, MD 21036 Source: Well Water
Date/ Time Collected: 3/2/2018 1145 Site: Pumped from Well
Date/Time Rec'd: 3/2/2018 1423 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 7.0
Collected By: W.L.H. Well #: HO-17-0231

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Sodium	8.8	mg/L	---	200.7	3/14/2018 / 0031 / DAG
Solids, Total Dissolved	70	mg/L	500*	S2540C-11	3/9/2018 / 1143 / BMK

NOTES

- 1 *SMCL = Secondary Maximum Contaminant Level
- 2 mg/L = milligrams per liter (also, parts per million)
- 3 Sodium Detection Limit: 0.25 mg/L; Total Dissolved Solids Detection Limit: 5 mg/L
- 4 Sub-contracted to Reference Lab #128
- 5 ND:None Detected
- 6 Sample collected by Alexanders Well Drilling, analyzed as received
- 7 pH and Chlorine level tested in lab

Reason for Test : Client's Information

Date Reported: 3/16/2018

Reviewed By:



FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 149522 Account #: 1933
Reference: Willow Creek Lot 6 Client: Fogle's Well Pump & Treatment
Location: 6010 Bricker Road Requested By: Dave Fogle
Dayton, MD 21036 Source: Well Water
Date/ Time Collected: 12/22/2021 0730 Site: Kitchen Sink Tap
Date/Time Rec'd: 12/22/2021 0920 Treatment: 4X20" House Filter/Multi Media Filter
Chlorine ppm: Free: ND Total: ND pH: 6.9
Collected By: T. Cassell 0767TC Well #: HO-17-0231

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Turbidity	1.24	NTU	<10	SM20 2130B	12/22/2021 / 1015 / TSD
Iron	0.06	mg/L	0.3*	FR, 45 (126)	12/22/2021 / 0950 / CRS

NOTES:

- 1 *SMCL = Secondary Maximum Contaminant Level
- 2 NTU = Nephelometric Turbidity Units
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND = None Detected
- 5 pH tested on site; Chlorine level tested in lab
- 6 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B21000418

Date Reported: 12/22/2021

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 120249 Account #: 2440
Reference: Simpson & Denault Company: Hydro-Terra Group
Location: Green Bridge Road Requested By: Jeff Lindaw
Dayton, MD 21036 Source: Well Water
Date/ Time Collected: 3/2/2018 1145 Site: Pumped from Well
Date/Time Rec'd: 3/2/2018 1423 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 7.0
Collected By: W.L.H. Well #: HO-17-0231

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Nitrate	<1.0	mg/L	10	601	3/2/2018 / 1520 / RER
Chloride	<5.0	mg/L	250*	SM4500-Cl-B.	3/5/2018 / 1015 / CRS

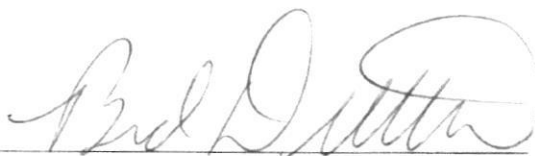
NOTES

- 1 *SMCL = Secondary Maximum Contaminant Level
- 2 mg/L = milligrams per liter (also, parts per million)
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND = None Detected
- 5 Sample collected by Alexanders Well Drilling, analyzed as received
- 6 pH and Chlorine level tested in lab

Reason for Test : Client's Information

Date Reported: 3/6/2018

Reviewed By:



FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 149280 Account #: 1933
Reference: Willow Creek Lot 6 Client: Fogle's Well Pump & Treatment
Location: 6010 Bricker Road Requested By: Dave Fogle
Dayton, MD 21036 Source: Well Water
Date/ Time Collected: 12/10/2021 0845 Site: Pressure Tank
Date/Time Rec'd: 12/10/2021 1038 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 7.5
Collected By: T. Cassell 0767TC Well #: HO-17-0231

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	36.4	MPN/ 100 ml	<1.0	SM20 9223B	12/11/2021 / 1000 / LLO
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	12/11/2021 / 1000 / LLO
Nitrate	<0.30	mg/L	10	Hach 10206	12/10/2021 / 1630 / BCD
Turbidity	24.1	NTU	<10	SM20 2130B	12/10/2021 / 1635 / MEH
Sand	ND	mg/L	5	Visual/Gravimetric	12/10/2021 / 1620 / BCD

NOTES:

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NTU = Nephelometric Turbidity Units
- 4 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 5 Sample collected by client, analyzed as received
- 6 ND = None Detected
- 7 pH and Chlorine level tested in lab (pH tested after recommended holding time)
- 8 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy
Building Permit # : B21000418

Date Reported: 12/13/2021

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554

REPORT OF ANALYSIS

Laboratory ID #: 149460 Account #: 1933
Reference: Willow Creek Lot 6 Client: Fogle's Well Pump & Treatment
Location: 6010 Bricker Road Requested By: Dave Fogle
Dayton, MD 21036 Source: Well Water
Date/ Time Collected: 12/20/2021 1045 Site: Pressure Tank
Date/Time Rec'd: 12/20/2021 1150 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 6.5
Collected By: J. Evans 0309JE Well #: HO-17-0231

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	12/21/2021 / 0830 / TSD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	12/21/2021 / 0830 / TSD
Nitrate	<0.30	mg/L	10	Hach 10206	12/21/2021 / 0900 / CRS
Turbidity	38.7	NTU	<10	SM20 2130B	12/21/2021 / 0845 / TSD
Sand	ND	mg/L	5	Visual/Gravimetric	12/21/2021 / 0830 / TSD
Iron	2.25	mg/L	0.3*	FR, 45 (126)	12/21/2021 / 1040 / CRS

NOTES:

- 1 *SMCL = Secondary Maximum Contaminant Level
- 2 mg/L = milligrams per liter (also, parts per million)
- 3 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND = None Detected
- 7 pH tested on site; Chlorine level tested in lab
- 8 Visual well check: Sealed, vented cap

Reason for Test : Use & Occupancy

Building Permit # : B21000418

Date Reported: 12/21/2021