

C1 5064

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED 3/30/07

Depth of Well 500 (TO NEAREST FOOT)

4/16/07 O.K. BB

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-0747

OWNER PRINCE INVESTMENTS L L C last name first name HUNTFIELD DRIVE TOWN FULTON SUBDIVISION PRINCE PROPERTY SECTION LOT 4

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes handwritten entries: Topsoil, Brown mica, Grey mica, Brown mica, Grey mica w/ Quartz.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N] TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 27 NO. OF POUNDS 2700 GALLONS OF WATER 162 DEPTH OF GROUT SEAL (to nearest foot) 45

CASING RECORD casing types insert appropriate code below [ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

MAIN CASING TYPE [ST] 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 (insert appropriate code below) [ST] STEEL [BR] BRASS [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

DEPTH (nearest ft.) 500 E A C H S C R E E N S L O T S I Z E 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

C 3

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 27 ft. WHEN PUMPING 110 ft. TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

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

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

10' min as stated see plot

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED [Y] [N]

CIRCLE APPROPRIATE LETTER A 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MWD 040 1 George F. Eastenlay DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 AV D 788 1

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

B 1 0316  
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-0747  
70 fill in this form completely 79

526213 please type

Date Received (APA)

OWNER INFORMATION 10469

8 MM DD YY 13

Prince Investments L L C

15 Last Name Owner First Name 34

3905 National Drive, Suite 105

36 Street or RFD 55

Burtonsville, Md 20866

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

George F. Easterday

M W D 040

Driller's Name 76 License No. 81

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771

Address

Signature *George F. Easterday* Date 1/25/2007

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

5

8 500 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH 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 DEEPEINED 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 DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER G

PERMIT No. HO-95-0747

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 3 LOCATION OF WELL

Howard

CO# 21

8 COUNTY 21

Prince Property

23 SUBDIVISION 42

SECTION 44 46 LOT 4 48 50

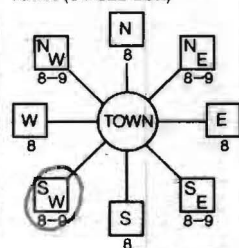
Fulton

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 M I 73 76 77 78

B 4

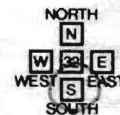
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Huntfield Drive

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



150 37 DISTANCE FROM ROAD FT. ENTER FT OR MI 38 39

TAX MAP: 46 BLK: 1 PARCEL 104

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A520082-G

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S 41

DATE ISSUED 3/12/2007 Brian Baker 3/12/2008

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 477 000 EAST GRID 821 000 50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

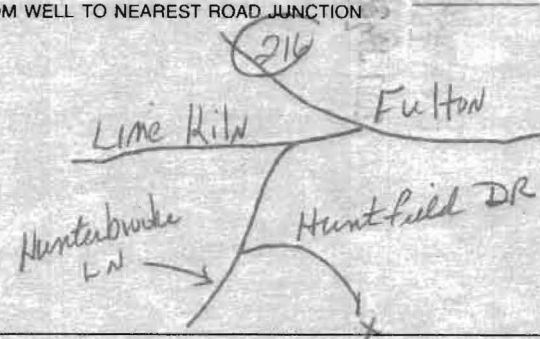
SOURCES OF DRILLING WATER

1. wells
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8207  
N 4707  
000  
000

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

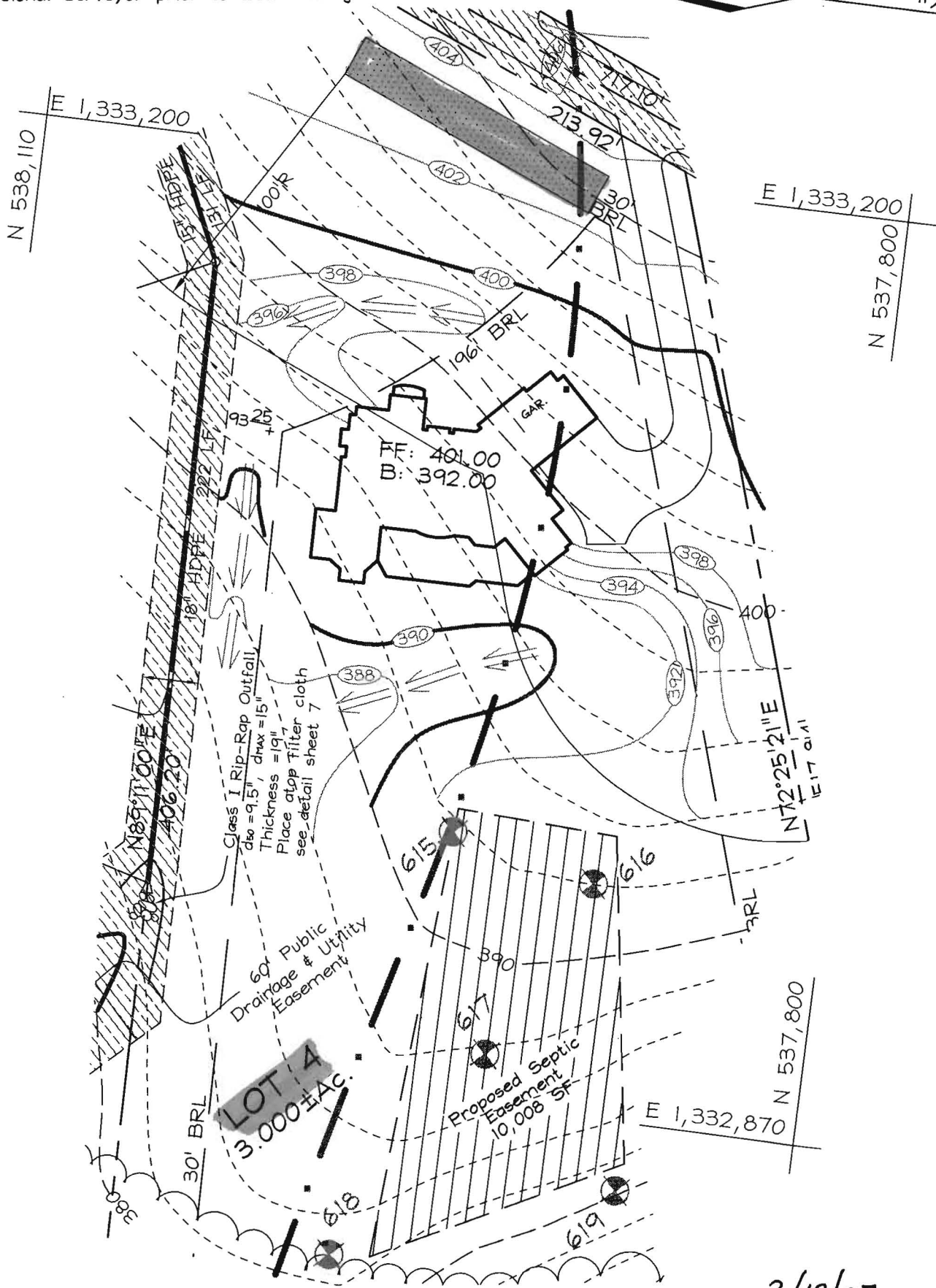




**Note:**

The proposed well box on this plan has been staked out in the field by FSH Associates, Professional Surveyor prior to well drilling.

Maryland State Grid (NAD 83/91)



3/12/07  
Well site staked  
by FSH. (BB)

# FSH Associates

Engineers Planners Surveyors  
6339 Howard Lane, Elkridge, MD 21075  
Tel: 410-567-5200 Fax: 410-796-1562  
E-mail: info@fsheri.com

DESIGN BY: ZYF  
DRAWN BY: SAR  
CHECKED BY: ZYF  
SCALE: 1"=50'  
DATE: Jan. 18, 2007  
W.O. No.: 3227  
SHEET No.: 4 OF 7

## WELL PERMIT PLAN PRINCE PROPERTY

LOT 4

TAX MAP 46 GRID 01  
5TH ELECTION DISTRICT

PARCEL 104  
HOWARD COUNTY, MARYLAND

SENT  
10-1-08

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

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 26.04.06 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: R.L. Purkey P & H Telephone #: 301 873 7901  
Address: 4593 GAITHER RD  
MT AIRY MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation: .  
Name (Print): Robert Purkey License# 17381

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: SCOTT SALVEND Telephone #: 301 572 4898  
Subdivision: Prince Property Lot #: \_\_\_\_\_ Well Tag #: EO  
Site Address: 8146 Huntfield Dr  
RYLTON MD 20759

8146  
Huntfield

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduity  
Make: Franklin Make: Camber Two piece watertight cap:   
Model #: SD 410 11X Model#: B-300X Screened, vented well cap:   
Pump Capacity: 10 GPM Depth: 42" (35" min) Cap secured to casing:   
Well Yield: 6 GPM NSF approved:  Conduit min 18" B.G.:   
Depth of well encountered at time of pump installation: 500 feet Conduit secured to well cap:   
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt \_\_\_\_\_

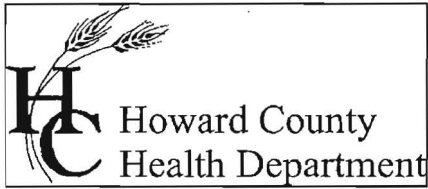
Piping to house House Connection  
Type: PVC PVC sleeved to undisturbed soil at wall penetration:   
PSI: 200 (160 psi min) Approximate length of sleeve: 15  
Depth of supply line: 42 (36" min) Sleeve caulked and sealed properly:

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.

Robert Purkey 9-30-08  
Signature of company representative responsible for installation date

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

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: 6/6/09 (BB)  
Inspection Data: Pitless adapter and water supply line at least 36" below grade   
Two piece cap installed and attached to casing securely   
Elec. conduit extends at least 18" below grade/attached to cap properly   
Safety rope installed inside of well casing   
Correct well tag attached properly and casing 3" above finished grade   
Water supply line sleeved adequately at house connection   
Adequate grout observed below pitless adapter



Bureau of Environmental Health  
7178 Columbia Gateway Drive Columbia, Maryland 21046-2132  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

January 8, 2009

Mr. & Mrs. Scott Salkeld  
8146 Huntfield Drive  
Fulton, MD 20759

SENT VIA FACSIMILE 410-337-5336

RE: Prince Property, Lot 4  
BP# B07002835  
Well Tag #: HO-95-0747

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 10/02/2008. Final approval of the well line connection to the dwelling was approved on 06/06/2008.**

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.** The water sample results were found to be in compliance with COMAR water quality standards.

Enclosed with this certificate, is a copy of the septic permit and the as-built along with important information regarding the use and maintenance of your septic system and well. Please read through carefully and thoroughly. Any questions regarding your well and/or septic, please call this office for guidance 410-313-1771.

#### INTERIM CERTIFICATE OF POTABILITY

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-95-0747. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 12/15/2008  
Date of Well Completion: 03/30/2007

Approving Authority,

Brian Baker, Sanitarian  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File

# Water Testing Laboratories

P.O. Box 712  
Stevensville, MD 21666  
410-643-7711

of Maryland, Inc.

Cromwell Builders  
9 Stoney Meadow Court  
Lutherville, Md 21093

Reporting Date: 12/17/2008  
Report #: K4944

Submitted Sample Address: 8146 Huntfield Drive  
Fulton, MD 20759  
Submitted Sample Source: Bathroom sink  
Date / Time Collected: 12/15/2008 9:11 AM  
Sample Type: Drinking Water  
Sampler/Company: D. Pitts 4322DP, WTL of MD  
Field Record: Chlorine residual: Absent Clear when drawn  
Well #: HO-95-0747

## Analytical Results

Parameter	Result	Units	Detection Level	MCL	Analytical Method
Total Coliforms	Absent	Coliforms/100 ml	Present/Absent	Present	SM 9223B
<i>E. Coli</i>	Absent	Coliforms/100 ml	Present/Absent	Present	SM 9223B
Nitrates + Nitrites	4.8	mg/L	1.0	10	EPA 353.2
Sand	Absent	P/A	Present/Absent	Present	Visual
Turbidity	1.1	NTU	0.5	10	SM 2130B
pH	6.3	SU	0.1	6.5-8.5 (SMCL)	EPA 150.1

### Notes:

- Bacteriological analysis of this sample indicates this water is  safe  for human consumption.
- MCL is EPA's maximum contaminant level under primary drinking water regulations. SMCL is secondary maximum contaminant level and is the aesthetic quality only. If your result is above any MCL or SMCL, you may want to consider a water treatment system or a new well. Please check your local regulations for any restrictions or additional limits.
- ND - Not Detected.
- Sample received and examined within EPA's recommended holding time
- Analyzed by Lab 214.
- SM - Gronberg, Closerci and Eaton, *Standard Methods for the Examination of Water and Wastewater*, 20<sup>th</sup> Ed.

Reported by,

*Christina Rodgers*

C. Rodgers, Customer Service Representative

Reviewed by: *JB*