

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WELL & SEPTIC PROGRAM
TEL: (410)313-1771 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 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: ABBOTT'S PLUMBING Telephone #: 410-796-0442
Address: 10149 WASHINGTON BLD.
ELK RIDGE, MD 21075

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:
Name (Print): JOSEPH R. HOGAN JR. License#: 30226

\*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: WILLIAM FISHER Telephone #: 443-804-4322
Subdivision: N/A Lot #: N/A Well Tag #: HO - - - - - NO TAG PRESENT
Site Address: 5556 LANDING RD.
ELK RIDGE, MD 21075

NOT PART OF CONTRACT
WMP REUSED

Submersible Pump Data

Make:
Model #:
Pump Capacity GPM
Well Yield: GPM
Depth of well encountered at time of pump installation: (feet)

Pitless Adapter

Make: AMERICAN GRAMM
Model #: PT 200
Depth: 40" (36" min)
NSF/WSC approved: [checked]

Well Cap and Electric Conduit

Two piece watertight cap: [checked]
Screened, vented well cap: [checked]
Cap secured to casing: [checked]
Conduit min 18" B.G.: [checked]
Conduit secured to well cap: [checked]

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors, Cable guards, or other acceptable method used- Must circle one

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

Piping to house

Type: DLY ETHYLENE
PSI: 200 (160 psi min)
Depth of supply line: 39" (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: [checked]
Length of sleeve (5' minimum from foundation): 7'
Sleeve sealed properly: [checked]

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] PRESIDENT date: 5/11/10

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

Date Insp. Requested: Date Insp. Approved: 5/25/10 Inspector: BB

- Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade [checked]
Two piece cap installed and attached to casing securely [checked]
Elec. conduit extends at least 18" below grade/attached to cap properly [checked]
Safety rope not outside of well cap/casing [checked]
Correct well tag attached properly and casing 8" above finished grade [checked]
Water supply line sleeved adequately at house connection [checked]
Adequate grout observed below pitless adapter [checked]

# Environmental Testing Lab Inc.

108 Old Solomons Island Rd  
Annapolis, MD 21401



3430 Rockefeller Ct  
Waldorf, MD 20602

State Certified Water Quality  
Laboratory # 106

State Certified Water Quality  
Laboratory # 139

## Certificate of Analysis

Howard County Health Dept  
Pillar to Post Howard County

Project  
Date Received 5/18/2010  
Date Reported 5/21/2010

Sample No: 89445-01      Sampled: 5/17/2010 8:00:00      Sampler: JWilliams1672JW (Exp. 08-2012)  
Location: 5556 Landing Ave      Preservation: Ice  
Elkridge, MD 21075      Sample Point: Children's Bath Tub

Parameter	Method	Result	Qualifiers	Units	RL	Test Date	Analyst
Bacteria-Total Coliform	Colitag Test	Absent/Pass		Per/100ml	1	5/18/2010	LH
Bacteria-E.coli	Colitag Test	Absent/Pass		Per/100ml	1	5/18/2010	LH

Field Test(s) for chlorine are reported on the attached COC form. "NT" means Not Tested.

Sample No: 89445-02      Sampled: 5/17/2010 8:00:00      Sampler: JWilliams1672JW (Exp. 08-2012)  
Location: 5556 Landing Ave      Preservation: Ice  
Elkridge, MD 21075      Sample Point: Children's Bath Tub

Parameter	Method	Result	Qualifiers	Units	RL	Test Date	Analyst
Iron	HACH 8008	0.27		mg/l	0.05	5/19/2010	PM
Turbidity	EPA 180.1	3.4		NTU	0.5	5/19/2010	PM
Nitrate + Nitrite as N	EPA 353.2	Not Detected		mg/l	1.1	5/19/2010	PM
Nitrite-N	EPA 353.2	Not Detected		mg/l	0.1	5/19/2010	PM
Nitrate-N	EPA 353.2	Not Detected		mg/l	1	5/19/2010	PM
pH	Field	8.0		pH Units	1	5/17/2010	Sampler

Approved By

Daniel J. Brumsted, Laboratory Director

ENVIRONMENTAL TESTING LAB, INC - CHAIN OF CUSTODY FORM

ANNAPOLIS  
410-224-4304 FAX 410-224-4307

WALDORF  
410-224-4304 FAX 301-932-7347

89445

Company Name, Address Phone & Fax

Testing Address

Pillar to Post  
Columbia

5556 Landing Ave  
STREET  
ELK RIDGE MD 21075  
CITY STATE ZIP

Send Report By: Fax Postal Service Email

THIS FORM WILL BE ATTACHED AS A PERMANENT PART OF YOUR FINAL REPORT

FIELD COLLECTION INFORMATION

Collected: Date MAY 17, 2010 Time 8:00 p.m. Well Tag #: N/A

Collectors Name: JAMES WILLIAMS Certification # 1672 JW Expires Aug 19, 2012

Collectors Signature: [Signature] Circle One: PRIVATE WELL or CITY WATER

pH: 8.0 Chlorine, Total mg/L: 0 Results for U & O Permit? YES NO Sample Clear when drawn? YES NO

Sand present? YES NO If "YES" submit one liter of sample to lab for testing

Sample Tap Bacteria: Children's Bath tub Chemicals: Same Lead: N/A

Bacteriological Test Next Day 11:30 Next Day 3:30 X 2 Day

FULL Chemical Analysis (Iron, Nitrite, Nitrite/Nitrate, Nitrate, Turbidity, Lead) Next Day 3:30 2 Day 3 Day

BASIC Chemical Analysis (Iron, Nitrite, Nitrite/Nitrate, Nitrate, Turbidity) Next Day 3:30 2 Day X 3 Day

Lead Arsenic Next Day 3:30 2 Day 3 Day

Cadmium 2 Day 4 Day 6 Day

Radium Gross Alpha One Week 2 Week

Special Instructions :

Released By: RW Date: 5/18/2010 Time: 12:55 Received By: [Signature]  
Released By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_

(\* TAT: is by Close of Business; Samples for chemical analysis received at 1:30 or later cannot be guaranteed "Next Day" results. TAT's are a good faith estimate and are not guaranteed. ALL SAMPLES FOR BACTERIOLOGICAL TESTING MUST BE DELIVERED BY 2:30 pm ON FRIDAY'S & HOLIDAY'S.

LABORATORY SAMPLE RECEIPT INFORMATION

Samples Delivered on ICE: YES NO N/A Add Qualifiers: Non-Certified Holding Time Sample Volume Frozen

Received in LAB By: [Signature] Date: 5/18/10 Time: 12:55 pm