

**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: Allied Well Drilling Telephone #: 301-774-8370  
 Address: PO Box 129  
Annapolis Junction MD 20701

(Must circle one) Licensed Plumber  **Licensed Well Driller**  Licensed Well Pump Installer   
 License # and name of individual responsible for the field installation:  
 Name (Print): Jorge Montes License# JWD402

**\*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: Venkata + Sumithra Gadepalli Telephone #: \_\_\_\_\_  
 Subdivision: \_\_\_\_\_ Lot #: 2 Well Tag #: HO - - - (no tag)  
 Site Address: 3677 Follys Quarter Road  
Ellicott City MD 21042

**Submersible Pump Data**

Make: Goulds  
 Model #: 07CS10422C  
 Pump Capacity: 7gpm GPM  
 Well Yield: \_\_\_\_\_ GPM

**Pitless Adapter**

Make: Campbell  
 Model#: B 10XL P  
 Depth: \_\_\_\_\_ (36" min)  
 NSF/WSC approved:

**Well Cap and Electric Conduit**

Two piece watertight cap: \_\_\_\_\_  
 Screened, vented well cap:   
 Cap secured to casing:   
 Conduit min 18" B.G.: yes  
 Conduit secured to well cap: yes

Depth of well encountered at time of pump installation: 70 (feet)  
 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: SIDP-9  
 PSI: 200 (160 psi min)  
 Depth of supply line: 40' (36" min)

**House Connection**

PVC sleeve to undisturbed soil at wall penetration: 8"  
 Length of sleeve (5' minimum from foundation): 5'  
 Sleeve sealed properly: Cement, 5 water proofed

**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.**

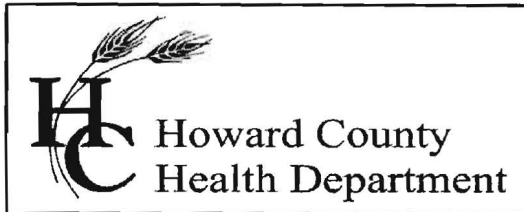
Signature of company representative responsible for installation: Jorge Montes date: 6/5/17

**For Health Department Use Only – Not to be completed by Installer**

Date Insp. Requested: 6/5/17 Date Insp. Approved: 6/6/17 Inspector: SC  
 Inspection Data: Pitless adapter watertight & 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 not outside of well cap/casing   
 Correct well tag attached properly and casing 8" above finished grade N/A  
 Water supply line sleeved adequately at house connection   
 Adequate grout observed below pitless adapter

70' depth of well  
PVC casing coupled  
to steel just below pitless

probed below pitless -  
felt like gravel



## 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](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

### INTERIM CERTIFICATE OF POTABILITY

Expiration Date – DECEMBER 8, 2017

June 8, 2017

Homeowner  
3677 Folly Quarter Road  
Ellicott City, MD 21042

**RE: Locust Ridge Est., Lot 2  
3677 Folly Quarter Road  
Building Permit: B16005021  
Well Permit: HO-unknown**

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 **6/1/2017**. Final approval of the well line connection to the dwelling was granted on **6/6/2017**. The existing well that serves the dwelling does not have a well tag and no records were found from the Health Department. Water samples were collected on **5/24/2017 & 6/6/2017**.

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-unknown. 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>

In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Best Available Technology (BAT). You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your BAT.

Approving Authority,



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

ENVIRONMENTAL TESTING LAB, INC - CHAIN OF C

ANNAPOLIS

410-224-4304

FAX 443-926-0586

WALDO

410-224-4304



150730

Client: Allied Well Drilling

Project:

Date Due:

Company Name, Address Phone & Fax

Testing Address

Allied Well Drilling
8213 Brock Bridge Rd
Lanham Md 20701
301-776-8370(0) 301-776-8344(0)

3677 Folly Dr Rd
STREET
Elliott City Md 21042
CITY STATE ZIP

Send Report By: Fax Postal Service X Email wquizzardi@alliedwells.com

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

FIELD COLLECTION INFORMATION

Collected: Date 06/06/17 Time 11:15 Well Tag #: none
Collectors Name: William Grizzardi Certification # WG1435 Expires 06/01/19
Collectors Signature: William Grizzardi Circle One: PRIVATE WELL or CITY WATER
pH: Chlorine, Total mg/L: 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: kitchen sink Chemicals: Lead:

Bacteriological Test Next Day 11:30 Next Day 3:30 2 Day
FULL Chemical Analysis Next Day 2 Day 3 Day
(Iron, Nitrite/Nitrate, Turbidity, Lead)
BASIC Chemical Analysis Next Day 2 Day 3 Day
(Iron, Nitrite/Nitrate, Turbidity)
Lead Arsenic Next Day 2 Day 3 Day
Cadmium 2 Day 4 Day 6 Day
Radium Gross Alpha One Week 2 Week

Special Instructions :

Released By: Date: 06/06/17 Time 13:05 Received By:
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.

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: Date: 6/6/17 Time 13:02

## Collins, Sarah

---

**From:** William Guizzardi <wguizzardi@alliedwells.com>  
**Sent:** Monday, June 05, 2017 4:15 PM  
**To:** Collins, Sarah  
**Cc:** Kenneth Knode (KKnode@carusohomes.com)  
**Subject:** Re: Lab No. 149861 Environmental Testing Laboratory

Sarah  
So now you need one bacteria and one sand test.  
Samples will be taken tomorrow.  
Sincerely  
Bill

On Mon, Jun 5, 2017 at 3:48 PM, Collins, Sarah <[SCollins@howardcountymd.gov](mailto:SCollins@howardcountymd.gov)> wrote:

Hi Bill,

Thanks for sending the water sample results. I didn't see a sand sample- that's one of the four required for potability testing (bacteria, turbidity, nitrate, and sand).

Jorge was going to shock the well before he left today. We'll need to get bacteria samples now that the well was open and new line installed. So maybe you can get bacteria and sand samples together.

I took the well line form so here's a copy. We'll check the depth of the pitless once everything has been backfilled. Otherwise everything else looked good.

Thank you,

Sarah

**From:** William Guizzardi [<mailto:wguizzardi@alliedwells.com>]  
**Sent:** Monday, June 05, 2017 1:48 PM  
**To:** Collins, Sarah  
**Subject:** Fwd: Lab No. 149861 Environmental Testing Laboratory

Sarah



# 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

Allied Well Drilling  
PO Box 129  
Annapolis Junction, Maryland 20701

Project  
Date Received  
Date Reported 5/24/2017

*This report is the sole property of Allied Well Drilling. Any questions about the report MUST be directed to Allied Well Drilling at .*

*Environmental Testing Lab is not at liberty to discuss this report without written consent from Allied Well Drilling.*

Sample No: 149861-01      Sampled: 5/19/2017 12:30:0      Sampler: TVlosich2910TV (Exp. 2/4/2019)  
Location: 3677 Folly Quarter Rd      Preservation: Ice  
Ellicott City, MD      Sample Point: Well Tank

Parameter	Method	Result	Qualifiers	Units	RL	Test Date	Analyst
Bacteria-Total Coliform	Colitag Test	Absent/Pass		Per/100ml	1	05/19/2017	LC-106
Bacteria-E.coli	Colitag Test	Absent/Pass		Per/100ml	1	05/19/2017	LC-106
Iron, Total	SM 3500 D	Not Detected		mg/l	0.05	05/24/2017	DB-139
Turbidity	EPA 180.1	Not Detected		NTU	0.5	05/24/2017	RM-139
Nitrate + Nitrite as N	EPA 353.2	4.5		mg/l	1	05/22/2017	DB-139
pH	Field	7.3		pH Units	1	05/19/2017	Samp-ler

Field Test(s) such as chlorine and pH are reported on the attached COC form. "NT" means Not Tested.

Sample No: 149861-02      Sampled: 5/23/2017 2:00:00      Sampler: TVlosich2910TV (Exp. 2/4/2019)  
Location: 3677 Folly Quarter Rd      Preservation: Ice  
Ellicott City, MD      Sample Point: Well Tank

Parameter	Method	Result	Qualifiers	Units	RL	Test Date	Analyst
Bacteria-Total Coliform	Colitag Test	Absent/Pass		Per/100ml	1	05/23/2017	CT-106
Bacteria-E.coli	Colitag Test	Absent/Pass		Per/100ml	1	05/23/2017	CT-106

Field Test(s) such as chlorine and pH are reported on the attached COC form. "NT" means Not Tested.

Approved By

Daniel J. Brumsted, Laboratory Director

Annapolis

Waldorf

Ph 410-224-4304 Fax 443-926-0586

Ph 410-224-4304 Fax 443-926-0586

Send Report To: Bert Nixon ✓  
**Howard County Health Department**  
 Bureau of Environmental Health  
 8930 Stanford Blvd.  
 Columbia, Maryland 21045

State of Maryland  
 DHMH - Laboratories Administration  
 Division of Environmental Chemistry  
**TRACE METALS LABORATORY**  
 1770 Ashland Avenue  
 Baltimore, Maryland 21205

Lab No. Date Received  
  
**E17004762001**  
 Received: 06/05/2017  
 Metals HO 3677 SC

Do not write above this line

**LABORATORY ANALYSIS REQUEST**

Please Print

Sample ID No: HO 3677 SC Site Name: Locust Ridge Estates - Lot 2 County: Howard

Sample Source: 3677 Folly Quarter Rd. Ellicott City Collector: S. Collins  
Street Town or City Name

Date Collected: 6/2/2017 Time Collected: \_\_\_\_\_ a.m. 12 p.m. Phone #: 410-313-6287

Sample Preserved By:  Field  ESRL  WMRL  Central Lab  
 Preservative Used:  HNO<sub>3</sub> \_\_\_\_\_ mL pH: < 2

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
 Data Category:  Community  Stream  Distribution (Treated)  Solid  
 Code   Non-Community  Sediment  Other \_\_\_\_\_  
 Private

Specify Program:  SDWA  NPDES  CWA  RCRA  Consumer Products  Other \_\_\_\_\_

Type of Sample Preparation:  Total Metals  Total Metals TCLP  Dissolved Metals  
(field preparation required)

Remarks: Sample collected from hose bib.

✓	Element	Results (ppm)	✓	Element	Results (ppm)
	Antimony (Sb)			Copper (Cu)	
	Arsenic (As)			Lead (Pb)	
	Barium (Ba)			Silver (Ag)	
	Beryllium (Be)			Zinc (Zn)	
	Cadmium (Cd)			Aluminum (Al)	
	Chromium (Cr)			Iron (Fe)	
	Mercury (Hg)			Manganese (Mn)	
	Nickel (Ni)			Calcium (Ca)	
	Selenium (Se)			Magnesium (Mg)	
✓	Sodium (Na) <u>SHS</u>			Potassium (K)	
	Thallium (Tl)			Uranium (U)	
				Vanadium (V)	

Lab Supervisor: \_\_\_\_\_

Date Reported: \_\_\_/\_\_\_/\_\_\_

•Phone: (443) 681-3857

•Fax: (443) 681-4507



State of Maryland  
DHMH-Laboratories Administration  
Division of Environmental Chemistry  
**TRACE METALS LABORATORY**  
1770 Ashland Avenue, Baltimore, Maryland 21205  
Robert Myers, Ph.D., Director



## Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH  
8930 STANFORD BLVD  
COLUMBIA, MD 21045

Lab Project No: E17004762 Date Coll.: 06/02/2017 Date Received 06/05/2017 Submitted By: Collins

Field ID: HO 3677 SC  
Lab No.: E17004762001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Sodium	10.07	ppm	06/13/2017

### Comments:

Approved by: *Sadia Muneeb*

Approval date: 06/16/2017

\*\*The following methods are included in our A2LA Scope of Accreditation: EPA 200.7, EPA 200.8, EPA 245.1.

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-6944 and arrange for return or destruction.





State of Maryland  
 DHMH-Laboratories Administration  
 Division of Environmental Chemistry  
**INORGANICS ANALYTICAL LABORATORY**  
 1770 Ashland Avenue, Baltimore, Maryland 21205  
 Robert Myers, Ph.D., Director



## Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH  
 8930 STANFORD BLVD  
 COLUMBIA, MD 21045

Lab Project NoE17004763 Date Coll. 06/02/2017 Date Received 06/05/2017 Submitted By: S. Collins

Field ID: HO 3677 SC  
 Lab No.: E17004763001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	66	mg/L	06/12/2017
Total Dissolved Solids	SM 2540C	403	mg/L	06/06/2017

**Comments:**

Approved by: <u><i>Shahin Amini</i></u>	Approval date: <u>06/13/2017</u>
---	----------------------------------

\*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM4500F C, SM 4500-CN G & QCM-CN, QCM-CN.

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-6190 and arrange for return or destruction.