

C 1	2931	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.		
					COUNTY NUMBER	A523796	
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		DATE WELL COMPLETED MM DD YY 10 - 30 - 2006		Depth of Well 22 280' 26 3/20/08 (TO NEAREST FOOT) O.K. BB		PERMIT NO. FROM "PERMIT TO DRILL WELL" 20 - 95 - 0549	

OWNER	Greenfield Homes Inc.				
STREET OR RFD	Philadelphia Rd				
SUBDIVISION	Philadelphia Estates				
SECTION	LOT 13				

WELL LOG		
Not required for driven wells		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		
DESCRIPTION (Use additional sheets if needed)	FEET FROM TO	check if water bearing
Sand	0 70	
Yellow clay	70 130	✓
Sand	130 208	✓
Gray mica Rock	208 280	✓

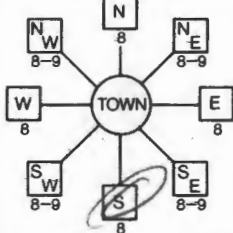
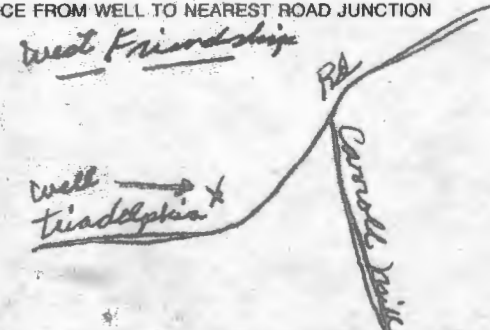
GROUTING RECORD		
WELL HAS BEEN GROUTED (Circle appropriate box)		
TYPE OF GROUTING MATERIAL (Circle one)		
CEMENT <input checked="" type="checkbox"/> CM	BENTONITE CLAY <input checked="" type="checkbox"/> BC	
NO. OF BAGS 25	NO. OF POUNDS 2350	
GALLONS OF WATER 150		
DEPTH OF GROUT SEAL (to nearest foot)		
from 48 TOP 52 ft. to 54 BOTTOM 58 ft.		
(enter 0 if from surface)		
CASING RECORD		
casing types insert appropriate code below		
MAIN CASING TYPE <input checked="" type="checkbox"/> ST	Nominal diameter top (main) casing (nearest inch) 6	
	Total depth of main casing (nearest foot) 213	
OTHER CASING (if used)		
diameter inch depth (feet) from to		
SCREEN RECORD		
screen type or open hole insert appropriate code below		
<input checked="" type="checkbox"/> ST	<input checked="" type="checkbox"/> BR	<input checked="" type="checkbox"/> HO
STEEL	BRASS	OPEN HOLE
	BRONZE	
<input checked="" type="checkbox"/> PL	<input checked="" type="checkbox"/> OT	
PLASTIC	OTHER	

C 3		
PUMPING TEST		
HOURS PUMPED (nearest hour) 3		
PUMPING RATE (gal. per min.) 4		
METHOD USED TO MEASURE PUMPING RATE Bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING 28 ft.		
WHEN PUMPING 136 ft.		
TYPE OF PUMP USED (for test)		
<input checked="" type="checkbox"/> A air	<input checked="" type="checkbox"/> P piston	<input checked="" type="checkbox"/> T turbine
<input checked="" type="checkbox"/> C centrifugal	<input checked="" type="checkbox"/> R rotary	<input checked="" type="checkbox"/> O other (describe below)
<input checked="" type="checkbox"/> J jet	<input checked="" type="checkbox"/> S submersible	

NUMBER OF UNSUCCESSFUL WELLS: 0	
WELL HYDROFRACTURED <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> 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 MSD024	
DRILLERS SIGNATURE <i>Keith E. Mayne</i>	
LIC. NO. 1 D	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

C 2	
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 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
56 60 64 68 72 76 80 84 88 92 96 100	
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	
70 72 74 75 76	
TELESCOPE CASING LOG INDICATOR OTHER DATA	

PUMP INSTALLED	
DRILLER INSTALLED PUMP 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)	
<input checked="" type="checkbox"/> + above	
<input checked="" type="checkbox"/> - below	
LAND SURFACE (nearest foot) 2	
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)	

B 1 1 2 3 6 <b>1074</b>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> <b>525565</b> please type	STATE PERMIT NUMBER <b>HD-95-0549</b> fill in this form completely
Date Received (APA) 8 MM DD YY 13 <u>Greenfield Homes Inc</u> 15 Last Name Owner First Name 34 <u>6656 Rusten Drive</u> 36 Street or RFD 55 <u>Highland Md 20777</u> 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL 8 COUNTY <u>Howard</u> 21 <u>Triadelphia Estates</u> 23 SUBDIVISION 42 SECTION <u>13</u> LOT <u>13</u> 44 46 48 50 <u>West Friendship</u> 52 NEAREST TOWN 74 MILES FROM TOWN (enter 0 if in town) <u>4 1/2</u> M I 73 76 77 78	
OWNER INFORMATION Driller's Name <u>Joseph L. Mayne</u> M <u>SD024</u> 76 License No. 81 Firm Name <u>Joseph L. Mayne well Drilling</u> <u>5512 Ridge Rd Mt Airy Md 21771</u> Address <u>Joseph L. Mayne</u> <u>9/20/06</u> Signature Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 NEAR WHAT ROAD <u>Triadelphia Rd</u> 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 <u>165</u> 37 DISTANCE FROM ROAD <u>165</u> FT ENTER FT OR MI 38 39 TAX MAP: <u>22</u> BLK: <u>6</u> PARCEL <u>528</u>	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u> 14 20		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>Howard</u> <u>A523796</u> COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED <u>10/13/06</u> <u>Start</u> <u>10/13/07</u> 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID <u>526</u> 000 EAST GRID <u>015</u> 000 50 55 57 63	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL		APPROXIMATE DEPTH OF WELL <u>300</u> FEET 24 28 APPROXIMATE DIAMETER OF WELL <u>6</u> INCH NEAREST TOWN	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 <u>AIR-ROTARY</u> AIR-PERCussion ROTARY (Hydraulic Rotary) 37 <u>CABLE</u> REVERSE-ROTARY Drive-POINT other		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>well</u> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E <u>81X55</u> N <u>526</u> 000 000	
REPLACEMENT OR DEEPEENED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 <u>525</u>		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER <u>G</u> PERMIT No. <u>HD-95-0549</u> 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			

Depth of well 280'  
Distance of measuring point (M.P.) above ground 2'  
Static water level (S.W.L.) below M.P. 28'

WD-224

## Collins, Sarah

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**From:** Collins, Sarah  
**Sent:** Thursday, September 13, 2018 4:25 PM  
**To:** 'Mike Isom'  
**Subject:** RE: 12510 Triadelphia Road

Hi Mike,

It looks like the lot has an approved perc cert with a well box. The well box is located closer to the road and it sounds like this is where you're looking to drill a new well. Please have Viking get the well box staked and submit a stake form with the well permit. I can meet you out there, but the well box will first need to be staked.

Thanks,  
Sarah

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**From:** Mike Isom [mailto:misom@mbwd.us]  
**Sent:** Thursday, September 13, 2018 1:40 PM  
**To:** Collins, Sarah  
**Subject:** 12510 Triadelphia Road

*\* Important*

I have attached site plans for this property. Viking Homes contacted us to clean out the existing well (HO-95-0549) because he had someone attempt to do a yield test that told him the well was only open 200 feet of the original 280 feet and was yielding less than 1 gpm. We found that the well was filled with stone from 200 to 280 feet. It was not shown on the completion, but I'm sure that the driller placed it to stabilize the well. Even after we cleaned it out, there wasn't enough water to be useful. We don't believe this well is salvageable and have recommended they drill a new one. It is obvious by the 213' of main casing that this is a difficult formation, so we would like to move as far from this well as possible and would like to know if moving toward Triadelphia Rd is possible. Would you be able to meet with the builder and I on site next week to determine a new site?

Sincerely,

Michael Isom  
Project Manager  
Michael Barlow Well Drilling Service  
Phone: (410) 838-6910  
Fax: (410) 838-3582  
522 Underwood Lane  
Bel Air, MD 21014  
[www.michaelbarlowwelldrilling.com](http://www.michaelbarlowwelldrilling.com)  
[www.thermalloopcorp.com](http://www.thermalloopcorp.com)  
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**Maura J. Rossman, M.D., Health Officer**

**MEMORANDUM**

**TO:** Cary Cumberland  
Viking Custom Homes  
cary@vikingcustomhomes.com

**FROM:** **Joseph Cabahug**  
Licensed Environmental Health Specialist **001997**  
Howard County Health Department *Q 10/08/2019*  
**Well & Septic Program**

**RE:** 12510 Triadelphia Road – Woods At Triadelphia Lot 1  
Abandon Existing Well (HO-95-0549)  
Septic Tank Water Tight Test

**DATE:** October 8<sup>th</sup>, 2019

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Please be advised of the following:

The existing well (HO-95-0549) has yet to be abandoned and sealed. The well must be abandoned and sealed prior to signing of the ICOP.

Upon inspection of the sewer line installation into the existing septic tank, water was observed in the tank up to the level of the outlet invert. There are no records indicating that the tank was installed and filled with water. A water tight test is required prior to finalization of the Septic Permit (P566360).

Cc: File