

1 <div style="border: 1px solid black; padding: 2px; display: inline-block;">3408</div>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type <div style="font-size: 1.2em; margin-top: 5px;">534010</div>	STATE PERMIT NUMBER <div style="font-size: 1.5em; margin-top: 5px;">HO-95-1997</div> fill in this form completely
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OWNER INFORMATION Date Received (APA) <u>08 30 10</u> 8 MM DD YY 13 <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Greenfield Homes Inc</u> <small>15 Last Name</small> </div> <div style="width: 30%;"> <u>Owner</u> <small>34</small> </div> <div style="width: 30%;"> <u>First Name</u> <small>34</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>6656 Luster Drive</u> <small>36 Street or RFD</small> </div> <div style="width: 30%;"> <u>Highland Md 20777</u> <small>57 Town 70 State 72 Zip 76</small> </div> </div> DRILLER INFORMATION <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Joseph L Mayne</u> <small>Driller's Name</small> </div> <div style="width: 30%;"> <u>M S D 024</u> <small>76 License No. 81</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>Joseph L Mayne Well Drilling</u> <small>Firm Name</small> </div> <div style="width: 30%;"> <u>5512 Ridge Rd Mt. Airy Md 21771</u> <small>Address</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>Joseph L Mayne</u> <small>Signature</small> </div> <div style="width: 30%;"> <u>8-24-2010</u> <small>Date</small> </div> </div> WELL INFORMATION <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>2</u> <small>2</small> </div> <div style="width: 30%;"> <u>4</u> <small>APPROX. PUMPING RATE (GAL. PER MIN.)</small> </div> <div style="width: 30%;"> <u>500</u> <small>8 12</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>AVERAGE DAILY QUANTITY NEEDED</u> <small>(GAL. PER DAY)</small> </div> <div style="width: 30%;"> <u>14</u> <small>14</small> </div> <div style="width: 30%;"> <u>20</u> <small>20</small> </div> </div>	LOCATION OF WELL B 3 <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Howard</u> <small>8 COUNTY</small> </div> <div style="width: 30%;"> <u>Willow Pond</u> <small>23 SUBDIVISION</small> </div> <div style="width: 30%;"> <u>Clarksville</u> <small>52 NEAREST TOWN</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>SECTION</u> <small>44 46</small> </div> <div style="width: 30%;"> <u>LOT 11</u> <small>48 50</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>1</u> <small>MILES FROM TOWN (enter 0 if in town)</small> </div> <div style="width: 30%;"> <u>73</u> <small>73</small> </div> <div style="width: 30%;"> <u>76 77 78</u> <small>M I</small> </div> </div> B 4 <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>1</u> <small>DIRECTION OF WELL FROM TOWN (CIRCLE BOX)</small> </div> <div style="width: 30%;"> <u>Prustwick Dr - Access Dr.</u> <small>11 NEAR WHAT ROAD</small> </div> <div style="width: 30%;"> <u>580</u> <small>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>580</u> <small>34</small> </div> <div style="width: 30%;"> <u>37</u> <small>37</small> </div> <div style="width: 30%;"> <u>FT</u> <small>DISTANCE FROM ROAD</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>34</u> <small>TAX MAP</small> </div> <div style="width: 30%;"> <u>17</u> <small>BLK</small> </div> <div style="width: 30%;"> <u>382</u> <small>PARCEL</small> </div> </div>
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USE FOR WATER (CIRCLE APPROPRIATE BOX) <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION</div> <div><input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)</div> <div><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING</div> <div><input type="checkbox"/> PUBLIC WATER SUPPLY WELL</div> <div><input type="checkbox"/> TEST, OBSERVATION, MONITORING</div> <div><input type="checkbox"/> GEO-THERMAL</div> </div> APPROXIMATE DEPTH OF WELL <u>400</u> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <u>4</u> INCH <small>NEAREST INCH</small> METHOD OF DRILLING (circle one) <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input checked="" type="checkbox"/> BORED (or Augered) </div> <div style="width: 30%;"> <input type="checkbox"/> JETTED </div> <div style="width: 30%;"> <input type="checkbox"/> Jetted & DRIVEN </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <input checked="" type="checkbox"/> AIR-ROTARY </div> <div style="width: 30%;"> <input type="checkbox"/> AIR-PERCussion </div> <div style="width: 30%;"> <input type="checkbox"/> ROTARY (Hydraulic Rotary) </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <input type="checkbox"/> CABLE </div> <div style="width: 30%;"> <input type="checkbox"/> REVERSE-ROTARY </div> <div style="width: 30%;"> <input type="checkbox"/> DRIVE-POINT </div> </div> <div style="margin-top: 5px;"> other _____ </div> REPLACEMENT OR DEEPEENED WELLS (CIRCLE APPROPRIATE BOX) <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</div> <div><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</div> <div><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</div> <div><input type="checkbox"/> THIS WELL WILL DEEPEEN AN EXISTING WELL</div> </div> PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 _____ 52 _____	NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>Howard</u> <small>COUNTY NAME</small> </div> <div style="width: 30%;"> <u>13</u> <small>COUNTY NO.</small> </div> <div style="width: 30%;"> <u>A520415</u> <small>STATE SIGNATURE</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>9/13/2010</u> <small>DATE ISSUED</small> </div> <div style="width: 30%;"> <u>Brian Baker</u> <small>CO SIGNATURE</small> </div> <div style="width: 30%;"> <u>9/13/2011</u> <small>EXP/DATE</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <u>496 000</u> <small>NORTH GRID</small> </div> <div style="width: 30%;"> <u>813</u> <small>EAST GRID</small> </div> <div style="width: 30%;"> <u>000</u> <small>63</small> </div> </div> SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>well</u> 2. _____ 3. _____
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APPROXIMATE DEPTH OF WELL <u>400</u> FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL <u>4</u> INCH <small>NEAREST INCH</small> METHOD OF DRILLING (circle one) <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input checked="" type="checkbox"/> BORED (or Augered) </div> <div style="width: 30%;"> <input type="checkbox"/> JETTED </div> <div style="width: 30%;"> <input type="checkbox"/> Jetted & DRIVEN </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <input checked="" type="checkbox"/> AIR-ROTARY </div> <div style="width: 30%;"> <input type="checkbox"/> AIR-PERCussion </div> <div style="width: 30%;"> <input type="checkbox"/> ROTARY (Hydraulic Rotary) </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;"> <input type="checkbox"/> CABLE </div> <div style="width: 30%;"> <input type="checkbox"/> REVERSE-ROTARY </div> <div style="width: 30%;"> <input type="checkbox"/> DRIVE-POINT </div> </div> <div style="margin-top: 5px;"> other _____ </div> REPLACEMENT OR DEEPEENED WELLS (CIRCLE APPROPRIATE BOX) <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</div> <div><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</div> <div><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</div> <div><input type="checkbox"/> THIS WELL WILL DEEPEEN AN EXISTING WELL</div> </div> PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 _____ 52 _____	WRITE THE BOX NUMBER FROM THE MAP HERE <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <u>813</u> <small>E</small> </div> <div style="width: 30%;"> <u>496</u> <small>N</small> </div> </div> DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION <u>Clarksville</u> <div style="text-align: center;"> </div>
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APPROX. PERMIT NUMBER _____ PERMIT No. <u>HO-95-1997</u> <small>70 71 72 73 74 75 76 77 78 79</small>	SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED <u>Need to Collect Radium Sample During</u>
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WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE TYPE

45 DAYS AFTER WELL IS COMPLETED.
COUNTY NUMBER A520415

1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY
DATE RECEIVED
MM 11 DD 09 YY 10

DATE WELL COMPLETED

MM 9 DD 22 YY 2010

Depth of Well

220'
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HO-95-1997

OWNER Greenfield Homes Inc
STREET OR RFD Putnam Dr - Access Dr TOWN Clarksville
SUBDIVISION Willow Pond SECTION 11 LOT 11

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)

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Sand	0	54	
Gray Mica Rock	54	220	✓

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 17 NO. OF POUNDS 7548

GALLONS OF WATER 102

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 52 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below
STEEL ☒ ST CONCRETE ☐ CO
PLASTIC ☐ PL OTHER ☐ OT

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
STEEL ☒ ST BRASS ☐ BR OPEN HOLE ☐ HO
BRONZE ☐ PL PLASTIC ☐ PL OTHER ☐ OT

DEPTH (nearest ft.)

1 40 2 58 3 220
E 8 9 11 15 17 21
A 23 24 26 30 32 36
C 38 39 41 45 47 51
S
R
E
E
N

SLOT SIZE 1 2 3 3
DIAMETER OF SCREEN (NEAREST INCH)
56 60
from to

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

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 20

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 26 ft.

WHEN PUMPING 43 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 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

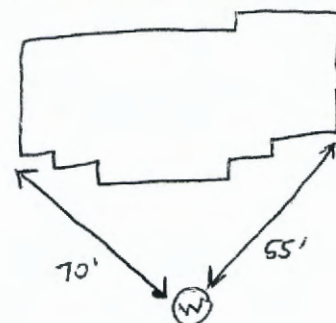
PUMP COLUMN LENGTH (nearest ft.) 43 47

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



DRILLERS LIC. NO. MS D022

DRILLERS SIGNATURE Harry Mame
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MS D022

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