

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION
1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784

WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 1/21/19 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) _____

* PERMIT NUMBER OF REPLACEMENT WELL: _____

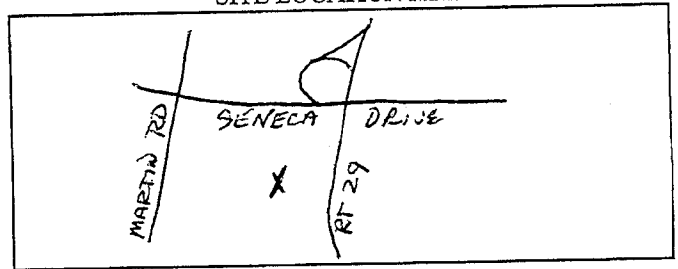
* PERSON ABANDONING WELL: Robert Copsey

WELL DRILLER'S LICENSE NUMBER: 161
CIRCLE: MWD / MSD / MGD

* OWNER'S NAME: Legacy Investments LLC

SITE LOCATION MAP

* WELL LOCATION:
COUNTY: Howard
NEAREST TOWN: Columbia
TAX MAP 0036 BLOCK _____ PARCEL 0495
SUBDIVISION: 0000
SECTION: _____ LOT: _____
STREET ADDRESS: 6680 MARTIN RD
Columbia, MD. 21044



LATITUDE 39.188283
LONGITUDE 76.871043

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Bentonite clay	218	4'
fill dirt	4	0
VOLUME OF MATERIAL USED		
2950 lbs 3/8 Bentonite pellets		

* TYPE OF WELL BEING ABANDONED:
 DRILLED _____ JETTED
 BORED _____ HAND DUG
 OTHER (specify) _____

* USE CODE:
 DOMESTIC _____ MUNICIPAL/PUBLIC
 IRRIGATION _____ INDUSTRIAL
 TEST/OBSERVATION _____ GEOTHERMAL

* TYPE OF CASING:
 STEEL _____ PLASTIC
 CONCRETE _____ OTHER (specify) _____

SIZE OF CASING: 6" INCHES IN DIAMETER

DEPTH OF WELL: 218' FEET DEEP

WAS ANY CASING REMOVED? YES _____ NO
If yes, length removed, in feet: 5

WAS CASING RIPPED OR PERFORATED? _____ YES NO

Robert Copsey
SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE#

161 MWD (MSD) MGS 1/21/19
CIRCLE ONE DATE

Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Tuesday, July 02, 2019 3:17 PM
To: 'Speed Raycer'
Subject: RE: 3134 Brookmede Septic Information

Mr Glock: Seeing the photo of the lid I think is enough to verify that what we saw was the drywell. The fact that there are the sinkholes around it is enough to say the drywell is in danger of possibly collapsing at some point and is failing for purposes of grant eligibility.

The next steps will be for me to forward your contact info over to Kristin Mielcarek with the Canaan Valley Institute and she will send you an application. You can also work on getting 3 contractor bids for the work. Each bid must specify that they will pump/crush/fill with dirt both the septic tank and the drywell. Each bid must also be signed by the bidder.

I suggest you coordinate with the Bureau of Utilities before getting the bids to do the connection form and verify with them that there is a tap at your property and the depth/location of that tap. If there is not a tap, your bids should include the work of installing a tap. Let me know if there are any questions. Thanks

Jeff

From: Speed Raycer <astrodg17@gmail.com>
Sent: Monday, July 01, 2019 10:43 AM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Subject: 3134 Brookmede Septic Information

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hey Jeff,

If you can shoot me a quick reply to confirm you received this message that would be great. Appreciate if you can give me a call after you've looked over the attached few page pdf.

Thank you.

- Brian Glock

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3134 Brookmede Road
Septic System Failure Information

Initial Signs of Problem: Sinkhole in front yard on the order of 3' x 3' x 3'. The edge of a concrete structure was exposed at the bottom of the hole.

The hole was excavated further to determine the following:

- The structure is a dry well consisting of a concrete lid approximately 12 ft diameter on stacked cinder block walls (depth unknown).
- The system has failed from infiltration induced migration of soil into the dry well through gaps in the block walls. This has resulted in the sinkhole and filling of the well. In addition to the sinkhole there is depressed ground around other portions of the perimeter and the condition is actively worsening.

Supporting photos and sketches:



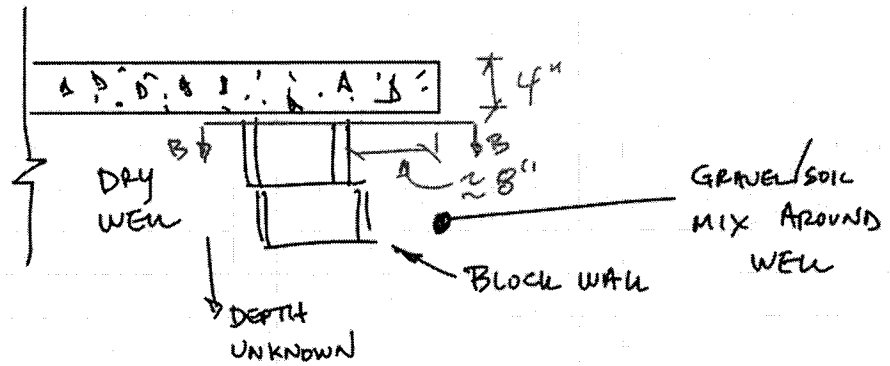
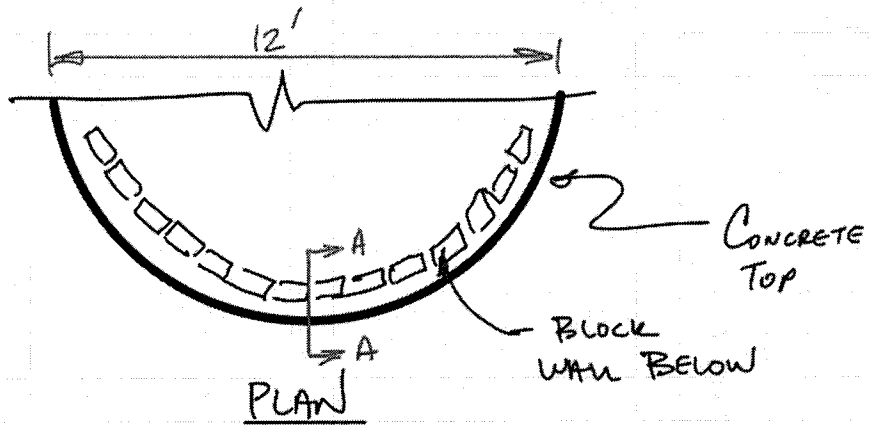
Exposed concrete top of dry well



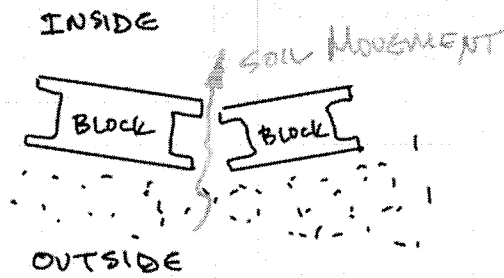
Red ring shows limits of dry well (note depression in foreground at perimeter)



Outside of block wall at joint between blocks



SECTION A-A



SECTION B-B