C 11 132189 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY NUMBER
ST/CO USE ONLY DATE Beceived MM DB 13 DATE WELL COMPL MM DB 15	Depth of Well 22 300 26 TO NEAREST FOOT)	DK PERMIT NO. FROM "PERMIT TO DRILL WELL" 1/4/16 SC) 28 29 30 31 32 33 34 35 36 37
last name.	Jayne first name	11 5 -
SUBDIVISION	SECTIONTOWN_E	Ulicoti City
WELL LOG	GROUTING RECORD YOU NO	C 3
Not required for driven wells	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2 PUMPING TEST
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING DESCRIPTION Has FEET Check	TYPE OF GROUTING MATERIAL (Circle one) CEMENT C M BENTONITE CLAY B C	HOURS PUMPED (nearest hour)
DESCRIPTION (Use additional sheets if needed) FROM TO fearing	NO. OF BAGS 462 Z NO. OF POUNDS 25 46 5	PUMPING RATE (gal. per min.) 9 •09
idiet 01	GALLONS OF WATER // O DEPTH OF GROUT SEAL (to nearest tool)	METHOD USED TO MEASURE PUMPING RATE
soft brown 1 32	from O tt. to 50 tt.	WATER LEVEL (distance from land surface)
hard gray 32 55	(enter 0 if from surface) CASING RECORD	BEFORE PUMPING 39 tt.
w tan streaks	types insert appropriate STEEL CONCRETE	WHEN PUMPING 185 ft.
med tan rock 55 60	code below PLASTIC OTHER	TYPE OF PUMP USED (for test)
hund come 10 th 60 300	MAIN Nominal diameter Total depth CASING top (main) casing of main casing	A air P piston T turbine
and graying	TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O (describe below)
	60 61 63 64 66 70	J jet S submersible
	A diameter depth (feet) inch from to	
	C	DRILLER INSTALLED PUMP YES NO
Dry hole 300 Ats	N C	(CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION
300 Ats 11 1 to	screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED
0-55 cement bentance	or open hole ST BR HO	PLACE (A,C,J,P,R,S,T,O) 29 IN BOX 29.
9/60.	(appropriate) BRONZE HOLE	CAPACITY: GALLONS PER MINUTE
	below PLASTIC OTHER	(to nearest gallon) 31 35 PUMP HORSE POWER
NUMBER OF UNSUCCESSFUL WELLS:	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
WELL HYDROFRACTURED Yes	E 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box
CIRCLE APPROPRIATE LETTER	c. Ho 60 300	and enter casing height) LAND SURFACE
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	23 24 28 30 32 36 S	helow (nearest)
E ELECTRIC LOG OBTAINED D TEST WELL CONVERTED TO PRODUCTION	R 36 39 41 45 47 51	49 foot) foot)
WELL HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND	E SLOT SIZE 1 2 3	LATITUDE 39 215553 LONGITUDE 76.953090
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.	OF SCREEN (NCH) from to	(DEFAULT COORD, WGS 84)
DRILLERS LIC, NO. 1 MWD 30 4 1	GRAVEL PACK	NOTES:
Savie Kelly	IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 66 68	10 15'
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	dr -> 17 45'
* LIC. NO.1 WKD 1071	T (E.R.O.S.) W Q	1/1/2 (S)
our supragos Hoch Halin	70 72	⊕
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	TELESCOPE LOG 74 75 76 CASING INDICATOR OTHER DATA	
the premium to the same of the		

B 1 33193 SEQUENCE NO. (MDE USE ONLY)	STATE OF	MARYLAND	STATE PERMIT NUMBER
1 2 3 6	APPLICATION FOR PL	RMIT TO DRILL WELL	HO - 17 - 0169
	901493 pleas	e type W	70 fill in this form completely 79
Date Received (APA)		B 3 \	LOCATION OF WELL
8 MM DD YY 13 OWNER INFOR	MATION	HOWAY	
Halland	laine	8 COUNTY	21
15 Last Name Owner	First Name \ 34	23 SUBDIVISION	42
12685 VIAGED	DIA KOL		LOT
Ellisott City	W 21/147	SECTION 44 46	48 50
	2 Zip 76	- Glenel	9.
DRILLER INFORMATION		52 NEAREST TOWN	71
Driller's Name 76	License No. 8	B 4	
Jones Well Drillie	O The	SOURCES OF DRILLING WATER	12 685 Trivelship RO:
Firm Name	4801611 1.	1. potable well	11 STREET ADDRESS 30
3700 KUSKKO	APPRETISIVIPLE	apples and	ON WHICH SIDE OF ROAD
Appless	9-11 17	38/23 - 260	(CIRCLE APPROPRIATE BOX)
Signature	Date	-bedroux@48:	34 62 37 SOUTH
B 2 WELL INFORMATION APPROX. PUMPING RATE	5	casing 60°	DISTANCE FROM ROAD
(GAL PER MIN.) 8	11AN 12	8/24 - 300', dry	ENTER FT OR MI 38 39
AVERAGE DAILY QUANTITY NEEDED (GAL PER DAY) 14	400	-moved closer	TAX MAP: 0022BLK: 5 PARCEL 0189
USE FOR WATER (CIRCLE APP	PROPRIATE BOX)	NOT TO	BE FILLED IN BY DRILLER
DOMESTIC POTABLE SUPPLY & RESIDEN	NTIAL	HEALIF	DEPARTMENT APPROVAL
F FARMING (LIVESTOCK WATERING & AGR	RICULTURAL	+ Howard	(B)
IRRIGATION)	10	COUNTY NAME STATE	COUNTY NO.
22 I INDUSTRIAL, COMMERCIAL, DEWATERIN P PUBLIC WATER SUPPLY WELL		SIGNATURE	INSERT S → 41
T TEST, OBSERVATION, MONITORING		DATE ISSUED	SI_CIL 8/23/18 1
O OPEN LOOP GEOTHERMAL		43 MM DD YY 48	CO SIGNATURE · EXP. DATE
C CLOSED LOOP GEOTHERMAL		DON: 8/23/17 60 F	XX 8/28/17 (C) DON: 8/28/7(5
2 \	Λ		ED LOCATION OF WELL ON LOT
APPROXIMATE DEPTH OF WELL	28 FEET		CTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, MARKS AND INDICATE NOT LESS THAN TWO
APPROXIMATE DIAMETER OF WELL	NEAREST	DISTANO	CE MEASUREMENTS TO WELL MAD
MI / S	INCH	No wells o	rseptic 4813
METHOD OF DRILLING	the Horeign and Table 1	Within 100	HT HT
BORED (or Augered) JATTED AIR-PEBcussion BORED (or Augered)	Jetted & DRIVEN ROTARY (Hydraulic Rolary)	The second control of the second seco	POLIT
37 CABLE REVerse ROTary	DRive-POINT	8/28 - grunny, 9	o' pahile 1 2 poss
other		treme set	adell i por pel
REPLACEMENT OR DEEPER		-10 am pump star	6
(CIRCLE APPROPRIATE N THIS WELL WILL NOT REPLACE AN EXISTIN		- Na, Cl,	1 683
THIS WELL WILL REPLACE A WELL THAT W		TD5/	43 Augo
ABANDONED AND SEALED		+ voc samples	10 39 39
AS A STANDBY-CONTACT LOCAL APPROVI		@ It am	7 125
D THIS WELL WILL DEEPEN AN EXISTING WE		-10-12 ppm 5/149	V Fit X
PERMIT NUMBER OF WELL TO BE REPLACED OF	DEEPENED	N CHISTOL	50 23 50
(IF AVAILABLE) 41	52	A Web	1 0 00
Not to be filled in by driller (MDE OR CO	OUNTY USE ONLY)		direct
APPROP. PERMIT NUMBER	G		1
	in nice		
PERMIT No. 170 71 72	2 73 74 75 76 77 78 79		
SPECIAL CONDITIONS NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED-	Use-so' deal co	and or 10' water	bedrock, whichever is &
C. A. C. A. C. A. A.	le TOS, + VOCSEUM	notes regid.	
MDE/WMA/PER.071 Soarum, Chishia	(C) (C)	COUNTY	deeper.

JONES WELL DRILLING **3700 RUSH RD** Jarrettsville MD 21084 410-692-6981

Yield Test (Completed:

8/28/2017

Initials: MSR

Permit Nurmber:

HO-17-0169

Well Depth: 300'

Subdivisior n:

Section:

Lot:

County: HO

Road:

12685 Triadelphia Rd

State: MD

	Time	Water Level	Time to Fill 5 Gallon Bucket/ Seconds	Gallons/Minute
1	10:00	39	23	13.04
2	10:15	80	26	11.53
3	10:30	130	27	11.11
4	10:45	146	28	10.71
5	11:00	157	29	10.34
6	11:15	165	30	10.00
7	11:30	170	31	9.67
8	11:45	174	31	9.67
9	12:00	178	32	9.37
10	12:15	180	32	9.37
11	12:30	182	32	9.37
12	12:45	184	33	9.09
13	1:00	185	33	9.09
14				
15				
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23				
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25				
26				
27				
28				
29			4 - 207 - 20	
30				
31				Note Header 4

FUTURE PERFORMANCE MAY VARY FROM TESTED PERFORMANCE

CSU 390182

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: Feera Telephone #: Address: Licensed Well Pump Installer (Must circle one) Licensed Phymber Licensed Well Driller License # and name of individual responsible for the field installation: Name (Print): License# *A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed fourneyman 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:

Telephone #:

Yell Tag #: HO - 17 - Ollo 9 con 15 | Zo 17 (Con 15) White # (browsite Address: Pitless Adapter Submersible Pump Data Well Cap and Electric Conduit Make:_____ Make: Two piece watertight cap: _____ Model#:___ Model #: Screened, vented well cap: Depth: (36" min) Cap secured to casing: Conduit min 18" B.G.: Pump Capacity _____ OPM Well Yield: GPM Depth of well encountered at time of pump installation: (feet) Conduit secured to well cap: 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 Pining to house House Connection Type:____ PVC sleeve to undisturbed soil at wall penetration: (150 psi mka) PSI: Longth of sleeve(s' minimum from (oundation): (36" min) Depth of supply line: Sleeve sealed properly: 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, confact this office for approval prior to installation. Signature of company representative responsible for installation For Health Department Use Only - Not to be completed by Installer Date Insp. Requested: 9/15/2017 Date Insp. Approved: 15 3017 Inspector: A 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 * Tre who previous Correct well tag attached properly and casing 8" above finished grade Water supply line sleeved adequately at house connection well line 18" to Adequate grout observed below pitiess adapter mode @

** well 66' to center of road ~

+x 010 well pump pulled, not yet alo. + scaled (1)

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:	Robert L. Feezer Co.	Te	lephone #	±: 410-781-4655
	6321 Barnett Avenue			
	Sykesville, MD 21784			
License # and nam Name (Print): Jose *A licensed indiv licensed journey	idual must perform the man or master plumber	actual installation , pump installer o	allation: Appre	Licensed Well Pump Installer License# P10173 entices must be under the supervision of a ller. Licenses may be subjected to field
verification. Unl	icensed individuals may	y be reported to th	e approp	riate licensing agency.
Name of Property	Owner: Mr & Mrs. Wayne Hol	lland	Telepho	ne #: 410-531-5179
Subdivision:	O 1110).			Well Tag #: HO - 17 - 0169
Site Address: 1268	5 Triadelphia Road			Well rag #. HO
	oft City, MD 21042-1115			
Submersible Pun		Pitless Adapter		Well Cap and Electric Conduit
Make: Schaeter		Make: Boshart	-	Two piece watertight cap: Yes
Model #: 5\$R05\$4		Model#: P-100-SS		Screened, vented well cap: Yes
Pump Capacity 5	9444700		" min)	Cap secured to casing: Yes
Well Yield: 91		NSF/WSC approved		Conduit min 18" B.G.: Yes
				Conduit secured to well cap: Yes
If pump capacity	exceeds well vield, a low	water cut off switc	h is requir	red by NSPC 1990 Section 17.8.4
	Cable guards, or other ac			
				ble method inside of well casing N/A
, , , , , , , , , , , , , , , , , , , ,				
Piping to house		House Connection	on	
Type: Poly				soil at wall penetration: Yes
PSI: 200 (160 ps	si min)			from foundation): 10'
Depth of supply li		Sleeve sealed pro		
The water supply distribution box, approval prior to Joshua He	drainfields, and sewage installation.	t least ten feet from e reserve area. If	this cann	tic tank, pump chamber, sewage piping, ot be accomplished, contact this office for September 14, 2017
Signature of comp	any representative respon	nsible for installation	on –	date
	For Health Departm	nent Use Only - N	ot to be c	ompleted by Installer
				1
Date Insp. Reques		te Insp. Approved:		Inspector:
	Pitless adapter watertight			
	Two piece cap installed a			
			de/attache	d to cap properly
	Safety rope not outside o			4
	Correct well tag attached			
	Water supply line sleeved			tion
	Adequate grout observed	below pitless adap	ter	

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

WATER WELL ABANDONMENT-SEALING REPORT FORM

***	********************	************	**********
SU	BMIT COPIES OF COMPLETED F	FORM TO:	
*	COUNTY ENVIRONMENTAL A		address needed)
*	WELL OWNER		
*	MDE, WATER MANAGEMENT	ADMINISTRATION, WELL PRO	GRAM
	0	dacto	
DA	TE WELL ABANDONED: &	128/11	(month/day/year)
	The state of the s	dry	hole Ho-17-0169
*	PERMIT NUMBER OF ABANDO	ONED WELL (if any)	HB-17-0101
	PERMIT NUMBER OF REPLAC	DMENT WELL.	HO
*			
*	PERSON ABANDONING WELL	MARK Rotherford	WELL DRILLER'S LICEN
			CIR
*	OWNER'S NAME: Way	ne Holland	
	A STATE OF THE RESIDENCE OF THE PARTY OF THE		SIT
*	WELL LOCATION: Howard	7	
	COUNTY: 1700000 80		
	NEAREST TOWN: Glence TAX MAP 00 22 BLOCK 5	DARCEL O (Se	
	SUBDIVISION:	LOT	The state of the s
	SECTION: STREET ADDRESS: 1268	5 Tridelphia RD.	
	LATITUDE 3 9 . 3 7	5 5 6 5	
	LONGITUDE 7 6. 9 5	3 [5 0	LOG OI
		一种心性病。他们	
55			MATERIAL
			Come +/h. b
*	TYPE OF WELL BEING ABAND		Cemerajour
	DRILLEDBORED	JETTED	Cement/benta Gro dean All
		HAND DUG	dean till
	OTHER (specify)	- 3. 4. C.	The way
		N. Carlotte	CONTRACTOR OF THE
*	USE CODE:		
	DOMESTIC	MUNICIPAL/PUBLIC	The state of the s
	IRRIGATION	INDUSTRIAL	Carl Section Sections
	TEST/OBSERVATION	GEOTHERMAL	F-0
			VOLUN
	TYPE OF CASING:		30.25 014
*	STEEL	PLASTIC	00,000
	CONCRETE	OTHER (specify)	
			Pursuant to § 10- Maryland Code,
		The second second	is used in process
CIT	E OF CASING A	P IN DIAMETER	26.04.04. Failure this form not bei
512	E OF CASING: 6 INCHES	S IN DIAMETER	inspect, amend, o
DE	PTH OF WELL: 300 FEET D	DEEP	Department of the
	4/02.02		Maryland Public made available o
WA	S ANY CASING REMOVED?	YESNO	is subject to insp
18	If yes, length removed, in feet:	70	by the public and protected by fede
NI/A	S CASING DIDDED OD DEDEOD	ATED?YESNO	protected by feet
WP	S CASING RIPPED OR PERFORA	TES_NO	

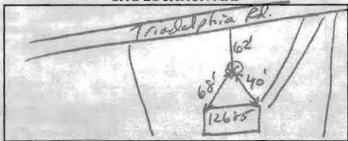
SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE#

OK 4/189

0169

SE NUMBER: CLE, MWD, MSD / MGD

E LOCATION MAP



F SEALING MATERIAL

MATERIAL	FEET		
MATERIAL	FROM	то	
Cement/bentonite	D	55	
dean All	55	380	
***		198	
100	STREET ST		
	131-		

cement/butonite

624 of the State Govt. Article of the personal info requested on this form sing this form pursuant to COMAR to provide the info may result in mg processed. You have the right to or correct this form. The Maryland he Environment is subject to the Information Act. This form may be on the Internet via MDE's website and ection or copying, in whole or in part, other governmental agencies, if not eral or State Law.

304 MWD/ MSD / MGS

2 27 17

CIRCLE ONE

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

WATER WELL	ADANDONE	APPET OF A	INC DEPORT FORM	

***	WATER WELL ABANDONMENT-S	EALING REP
*	IBMIT COPIES OF COMPLETED FORM TO: COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if add WELL OWNER MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROG	
DA	16 / 9 17	onth/day/yea
*	PERMIT NUMBER OF ABANDONED WELL (if any)	
*	PERMIT NUMBER OF REPLACEMENT WELL:	شندن
*	PERSON ABANDONING WELL: MARK Kuthenfurl	VELL DRILI
*	OWNER'S NAME: Wayne Holland	
*	WELL LOCATION: COUNTY: NEAREST TOWN: TAX MAP DOZZ BLOCK 5 PARCEL 0 189 SUBDIVISION: SECTION: STREET ADDRESS: 12685 Trid John Rd.	
	LATITUDE 3 9 . 2 7 5 4 7 2 LONGITUDE 7 4. 9 5 3 1 8 6	
*	TYPE OF WELL BEING ABANDONED: DRILLEDJETTEDBOREDHAND DUGOTHER (specify)	di
*	USE CODE: DOMESTICMUNICIPAL/PUBLICIRRIGATIONINDUSTRIALTEST/OBSERVATIONGEOTHERMAL.	
*	TYPE OF CASING: STEEL PLASTIC CONCRETE OTHER (specify)	/2
DE	EPTH OF WELL:	P N is 2 d in E N n is b
WA	AS CASING RIPPED OR PERFORATED? YES NO	p

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE#

14/1650

(month/day/year)

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

SITE LOCATION MAP



LOG OF SEALING MATERIAL

MATERIAL	FEET		
MATERIAL	FROM	то	
dint bestonite hele phy clear fill	65	65	

VOLUME OF MATERIAL USED

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.

MWD/ MSD / MGS

CIRCLE ONE

DATE



Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org

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

September 15, 2017

Homeowner 12685 Triadelphia Road Ellicott City, MD 21042

RE:

Replacement Well Sampling

12685 Triadelphia Road

#HO-17-0169

Dear Homeowner,

According to our records, your replacement well has been connected to the dwelling. We request that you contact the Community Hygiene Program at (410) 313-1773 to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for bacteria, nitrates, turbidity, and sand. There is currently no charge for the sampling and it is to your benefit to have it tested.

Sampling of the new well should be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment. If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office.

The old well on the property must be sealed by a well driller licensed in Maryland. Documentation should be submitted to the Health Department once this task is completed.

Feel free to contact me with any questions.

Sincerely,

Sarah Collins, L.E.H.S.

Sala (Ila:

Howard County Health Department

SCollins@howardcountymd.gov

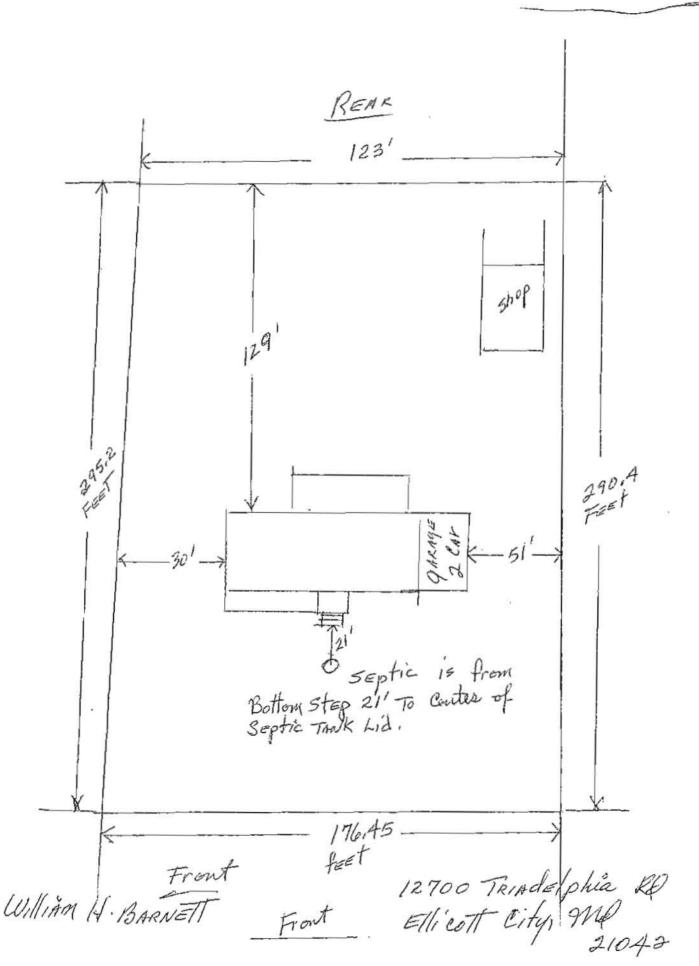
410-313-6287

Cc: Community Hygiene Program
File

Tradelphia NO well Septic 15° (40° grown of well N 59 porch bed #12685 wishin 100 56 Time 50

Not to Scale

0 When & Wayne Holland
12685 Trieddelphiz 161
E11.64 City My 21042
443-472-5163





Sureau of Environmental Health

8930 Stariford Blvd, Columbia, MD 21049 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org

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

September 19, 2017

Homeowner 12685 Triadelphia Road Ellicott City, MD 21042

Dear Homeowner,

The Health Department received results from the testing for sodium, chloride, and total dissolved solids (TDS) from your well water.

Elevated sodium levels in drinking water could affect individuals on low-salt diets. The action level for sodium is 20 milligrams per liter (mg/L); sodium from your well measured 83 mg/L. If anyone in your household in on a low-salt diet, you may want to discuss these results with your physician.

Chloride and TDS are both considered secondary contaminants, meaning high concentrations can affect taste, color, odor, or corrosive properties of water but present no risk to health. The secondary maximum contaminant level for chloride is 250 mg/L; chloride from you well measured 248 mg/L. The secondary maximum contaminant level for TDS is 500 mg/L; TDS from your well measured 648 mg/L.

In addition, a sample was collected to volatile organic compounds (VOCs) to check for contaminants of gasoline. No VOCs were detected in the water sample.

Given the elevated levels of sodium and TDS you may want to consult a plumber and/or water treatment company to discuss options. Please be aware that any backwash generated from a treatment system must be disposed of in a subsurface disposal system. Prior to installing a system that generates backwash, please contact the Health Department to ensure that all regulatory requirements are met.

Please contact me at the number or email below with any questions regarding the results of water sampling.

Sincerely.

Sarah Collins, L.E.H.S.

Sah CIL

Howard County Health Department

Well & Septic Program

SCollins@howardcountymd.gov

410-313-6287

Co: Community Hygiene Program

File

Send Report To: Bert Nixon

Howard County Health Dept
Bureau of Environmental Health
8930 Stanford Blvd
Columbia, MD 21045

State of Maryland
DHMH-Laboratories Administration
Division of Environmental Sciences
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue
Baltimore, Maryland 21205

E18000859001 Received: 08/29/2017

Inorganic HO-17-0169

Bottle Number H0-17-0169	Name		County _Howa	County Code
Location 12685 Triadelphia R	d. E	illicatt City		Data Category Code
Collected: Date 8/28/17 Time	N am Coll	ector & S. Collins	410-313-G	Submitter 287Code
CHECK (one per box) Drinking Water		rce (raw water) ribution (treated) L	Emergency Routine Recheck Special	Federal Project
Plant No. San State	ion ling	Preservation: Iced	Acid	Type of Acid
pH 5 0 Chlorine: Free Notes to Lab/Remarks: Replacement			Specific Conductance	test.

HECK	TESTS	Error Code	RESULTS
	Alkalinity (Total)		
	Ammonia - N		· · · · · · · · · · · · · · · · · · ·
/	Chloride		September 1
	Conductance*,Spec.		5 数据的 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
/	Dissolved Solids (Total)		
	Hardness		
	Fluoride		The state of the s
	Nitrate, N		
	Nitrate - Nitrite, N		
	Sulfate		
(Fred	Total Solids		
	Turbidity*		
	Other:	diegna-Linasi III	The state of the s
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	ricksviosom with the	KOON P	The management of the second
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	\\		4AL S
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* Results reported in Units, a	ll others in milligrams per liter (ppm)	A THE PARTY OF THE PARTY OF	Calific Law evaluation	1000
Number of		Date		170
Tests Requested	Section Chief	Reported	VINDERSON OF THE PARKET	
DH44H 90-A 05/17	SUBMITTER'S COPY		and the contract	



Field ID: HO-17-0169

Total Dissolved Solids

State of Maryland
Department of Health
Laboratories Administration
Division of Environmental Sciences
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



08/29/2017

Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab Project NoE18000859	Date Coll.	08/28/2017	Date Received 08/29/2017	Submitted By:Collins
-------------------------	------------	------------	--------------------------	----------------------

 Analyte
 Method
 Result
 Units
 Date Analyzed

 Chloride
 SM 4500-CI E
 248
 mg/L
 09/01/2017

648

mg/L

SM 2540C

Comments:

Approved by:

Shahler andi

Approval date: 09/05/2017

*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.

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Fax: (443) 681 - 4507

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Send Report To: Bert Mxon

Howard County Health Dept Bureau of Environmental Health 8930 Stanford Blvd Columbia, MD 21045 State of Maryland

DHMH - Laboratories Administration Division of Environmental Chemistry

TRACE METALS LABORATORY

1770 Ashland Avenue Baltimore, Maryland 21205

LABORATORY ANALYSIS REQUEST

THEOLOGICAL THE HOLD INCOME ROUND THE HOLD IN

E18000868001 Received 08/29/2017

Metals

HO-17-0169

Do not write above this line

Please Print

le Sou	12685 T	riadelphia 1	201.	Ellicott	Collector: _ S.	Collin
	Street		Town or Cit	y City		Name
Collec	ted: <u>8 / 28 /20</u>	Time Coll	ected: _	1\a.m	p.m. Phone #:_	410-3
le Pre	served By: Field	Used PANO	ESRL	□ WMF	RL 🗆	Central
le Typ		king Water	□ Lar	ndfill DSource	e (Raw Water)	ПΙ
Catego	□ Com	munity	□ Stre	eam 🗆 Distrib	oution (Treated)	□S
	□ Non- □Æriva	-Community	□ Sec	liment		
				F1 (8)		
	nple Preparation:				(field preparation requir	red)
	nple Preparation: Replacement				(field preparation requir	red)
	Replacement				(field preparation requir	red)
rks:_	Element Antimony (Sb)	well - sam	pre c	Element Copper (Cu)	(field preparation required by yield te	red)
rks:_	Element Antimony (Sb) Arsenic (As)	well - sam	pre c	Element Copper (Cu) Lead (Pb)	(field preparation required by yield te	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba)	well - sam	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag)	(field preparation required by yield te	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be)	well - sam	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn)	(field preparation required by yield te	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd)	well - sam	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al)	(field preparation required by yield te	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr)	well - sam	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe)	(field preparation required by yield te	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg)	well - sam	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn)	(field preparation required by yield te	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Nickel (Ni)	well - sam	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca)	Results (ppm)	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Nickel (Ni) Selenium (Se)	Results (ppm)	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg)	Results (ppm)	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Nickel (Ni) Selenium (Se) Sodium (Na) SMS	Results (ppm)	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg) Potassium (K)	Results (ppm)	red)
rks:_	Element Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Nickel (Ni) Selenium (Se)	Results (ppm)	pre c	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg)	Results (ppm)	red)

DHMH 4432 (05/15)

• Phone: (443) 681-3857

• Fax: (443) 681-4507

SUBMITTER'S COPY



State of Maryland Department of Health Laboratories Administration Division of Environmental Sciences 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:	F18000868	Date Coll.: 08/28/2017	Date Received: 08/29/2017	Submitted By: Collin

Field 1D: HO-17-0169

Lab No.: E18000868001

Method Element

Result

Units

Date Analyzed

EPA 200.7

Sodium

83.10

ppm

09/07/2017

Comments:

Approved by:

Approval date: 09/08/2017

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

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S:\EnviroFinal-Metals.rpt



State of Maryland
Laboratories Administration
Division of Environmental Sciences
ORGANICS 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. No: E18000861001

Method: EPA 524.2 VOCs and THMs

Date Received: 08/29/2017 Date Collected: 08/28/2017

Field ID: H0170169-1/2 Submitted By: S. Collins Date Analyzed: 09/06/2017

Tierd Ibi Tierroies ija			sastifica sy.			naryzea. c	7370072017
Contaminant REGULATED	<u>RL</u>	MCL	Result	Contaminant 2-Chlorotoluene	RL 0.5	MCL	Result
1,1,1-Trichloroethane	0.5	200	ND	4-Chlorotoluene	0.5		ND
1,1,2-Trichloroethane	0.5	5	ND	Bromobenzene	0.5		ND
1,1-Dichloroethene	0.5	7	ND	Bromochloromethane	0.5		ND
1,2,4-Trichlorobenzene	0.5	70	ND	Bromomethane	0.5		ND
1,2-Dichlorobenzene	0.5	600	ND	Chloroethane	0.5		ND
1,2-Dichloroethane	0.5	5	ND	Chloromethane	0.5		NO
1,2-Dichloropropane	0.5	5	ND	cis-1,3-Dichloropropene	0.5		ND
1,4-Dichlorobenzene	0.5	75	ND	Dibromomethane	0.5		ND
Benzene	0.5	5	ND	Dichlorodifluoromethane	0.5		ND
Carbon Tetrachloride	0.5	5	ND	Ethyl-tert-Butyl Ether (ETBE)	0.5		ND
Chlorobenzene	0.5	100	ND	Hexachlorobutadiene	0.5		NO
cis-1,2-Dichloroethene	0.5	70	ND	Isopropylbenzene	0.5		ND
Ethylbenzene	0.5	700	ND	Methyl-tert-Butyl Ether (MTBE)	0.5		ND
m+p-Xylene	1.0		ND	Naphthalene	0.5		ND
Methylene Chloride	0.5	5	ND	n-Butylbenzene	0.5		ND
o-Xylene	0.5		ND	n-Propylbenzene	0.5		ND
Styrene	0.5	100	ND	p-Isopropyltoluene	0.5		ND
Tetrachloroethene	0.5	5	ND	sec-Butylbenzene	0.5		ND
Toluene	0.5	1000	ND	tert-Amyl Methyl Ether (TAME)	0.5		ND
Total Xylenes	1.5	10000	ND	tert-Butylbenzene	0.5		ND
trans-1,2-Dichloroethene	0.5	100	ND	trans-1,3-Dichloropropene	0.5		ND
Trichloroethene	0.5	5	ND	Trichlorofluoromethane	0.5		ND
Vinyl Chloride	0.5	2	ND				
TRIHALOMETHANES							
Bromodichloromethane	0.5		ND	Comments:			
Bromoform	0.5	393	ND	1			
Chloraform	0.5		ND				
Dibromochloromethane	0.5		ND	Approved by:		Approval	date:
TOTAL THMs		80	0.00	0			
UNREGULATED			*.00	Sacia Mun	een	201	0010047
1,1,1,2-Tetrachloroethane	0.5		ND			09/	08/2017
1,1,2,2-Tetrachloroethane	0.5		ND				
1,1-Dichloroethane	0.5		ND				
1,1-Dichloropropene	0.5		ND				
1,2,3-Trichlorobenzene	0.5		ND			_	ti .
1,2,3-Trichloropropane	0.5		ND				
1,2,4-Trimethylbenzene	0.5		ND	61			
1,2-Dibromo-3-Chloropropane	0.5		ND				
1,2-Dibromoethane	0.5		ND				
1,3,5-Trimethylbenzene	0.5		ND				
1,3-Dichlorobenzene	0.5		ND				
1,3-Dichloropropane	0.5		ND				
2,2-Dichloropropane	0.5		ND				
	llion ppb		-				

^{*}All results are in parts per billion ppb); ND = Less than the detection level; na = not applicable; e = estimate

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State of Maryland Laboratories Administration Division of Environmental Sciences ORGANICS 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. No: E18000861002

Method: EPA 524.2 VOCs and THMs

Date Received: 08/29/2017 Date Collected: 08/28/2017

Submitted By: S. Collins Field ID: H0170169F-1/2 Date Analyzed: 09/06/2017

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Contaminant REGULATED	RL	MCL	Result	Contaminant 2-Chlorotoluene	<u>RL</u> 0.5	MCL	Result ND
1,1,1-Trichloroethane	0.5	200	ND	4-Chlorotoluene	0.5		ND
1,1,2-Trichloroethane	0.5	5	ND	Bromobenzene	0.5		ND
1,1-Dichloroethene	0.5	7	ND	Bromochloromethane	0.5		ND
1,2,4-Trichlorobenzene	0.5	70	ND	Bromomethane	0.5		ND
1,2-Dichlorobenzene	0.5	600	ND	Chloroethane	0.5		ND
1,2-Dichloroethane	0.5	5	ND	Chloromethane	0.5		ND
1,2-Dichloropropane	0.5	5	NO	cis-1,3-Dichloropropene	0.5		ND
1,4-Dichlorobenzene	0.5	75	ND	Dibromomethane	0.5		ND
Benzene	0.5	5	ND	Dichlorodifluoromethane	0.5		ND
Carbon Tetrachloride	0.5	5	ND	Ethyl-tert-Butyl Ether (ETBE)	0.5		ND
Chlorobenzene	0.5	100	ND	Hexachlorobutadiene	0.5		DN
cis-1,2-Dichloroethene	0.5	70	ND	Isopropyibenzene	0.5		ND
Ethylbenzene	0.5	700	NĐ	Methyl-tert-Butyl Ether (MTBE)	0.5		ND
m+p-Xylene	1.0		ND	Naphthalene	0.5		ND
Methylene Chloride	0.5	5	ND	n-Butylbenzene	0.5		ND
o-Xylene	0.5		ND	n-Propylbenzene	0.5		ND
Styrene	0.5	100	ND	p-Isopropyitoluene	0.5		ND
Tetrachloroethene	0.5	5	ND	sec-Butylbenzene	0.5		ND
Toluene	0.5	1000	ND	tert-Amyl Methyl Ether (TAME)	0.5		ND
Total Xylenes	1.5	10000	ND	tert-Butylbenzene	0.5		ND
trans-1,2-Dichloroethene	0.5	100	ND	trans-1,3-Dichloropropene	0.5		ND
Trichloroethene	0.5	5	ND	Trichlorofluoromethane	0.5		ND
Vinyl Chloride	0.5	2	ND				
TRIHALOMETHANES				100			
Bromodichloromethane	0.5		ND	Comments:			
Bromoform	0.5		ND				
Chloroform	0.5		ND				
Dibromochloromethane	0.5		ND	Approved by:		Approva	l date:
TOTAL THMs		80	0.00	0			
UNREGULATED				Sacia Mun	een	09	0/08/2017 ¹
1,1,1,2-Tetrachloroethane	0.5		ND			-	
1,1,2,2-Tetrachloroethane	0.5		ND				
1,1-Dichloroethane	0.5		ND				
1,1-Dichloropropene	0.5		ND				
1,2,3-Trichlorobenzene	0.5		ND				
1,2,3-Trichloropropane	0.5		ND				
1,2,4-Trimethylbenzene	0.5		ND				
1,2-Dibromo-3-Chloropropane	0.5		ND				
1,2-Dibromoethane	0.5		ND				
1,3,5-Trimethylbenzene	0.5		ND				
1,3-Dichlorobenzene	0.5		ND				
1,3-Dichloropropane	0.5		ND				
2,2-Dichloropropane	0.5		ND				

*All results are in parts per billion ppb); ND = Less than the detection level; na = not applicable; e = estimate

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Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab. No: E18000861003

Method: EPA 524.2 VOCs and THMs

Date Collected: 08/28/2017 Date Received: 08/29/2017

Field ID: H0170169T			Submitted By:	S. Collins	Date A	nalyzed:	09/06/2017
Contaminant REGULATED	RL	MCL	Result	Contaminant 2-Chlorotoluene	<u>RL</u> 0.5	MCL	Result ND
1,1,1-Trichloroethane	0.5	200	В	4-Chlorotoluene	0.5		ND
1,1,2-Trichloroethane	0.5	5	ND	Bromobenzene	0.5		ND
1,1-Dichloroethene	0.5	7	ND	Bromochloromethane	0.5		ND
1,2,4-Trichlorobenzene	0.5	70	ND	Bromomethane	0.5		ND
1,2-Dichlorobenzene	0.5	600	ND	Chloroethane	0.5		ND
1,2-Dichloroethane	0.5	5	ND	Chioromethane	0.5		ND
1,2-Dichloropropane	0.5	5	ND	cis-1,3-Dichloropropene	0.5		ND ·
1.4-Dichlorobenzene	0.5	75	ND	Dibromomethane	0.5		ND
Benzene	0.5	5	ND	Dichlorodifluoromethane	0.5		ND
Carbon Tetrachloride	0.5	5	ND	Ethyl-tert-Butyl Ether (ETBE)	0.5		ND
Chlorobenzene	0.5	100	ND	Hexachlorobutadiene	0.5		ND
cis-1,2-Dichloroethene	0.5	70	ND	Isopropylbenzene	0.5		ND
Ethylbenzene	0.5	700	ND	Methyl-tert-Butyl Ether (MTBE)	0.5		ND
m+p-Xylene	1.0	(1/67.75)	ND	Naphthalene	0.5		ND
Methylene Chloride	0.5	5	ND	n-Butylbenzene	0.5		ND
o-Xylene	0.5	= "	ND	n-Propylbenzene	0.5		ND
Styrene	0.5	100	ND	p-Isopropyltoluene	0.5		ND
Tetrachioroethene	0.5	5	ND	sec-Butylbenzene	0.5		ND
Toluene	0.5	1000	ND	tert-Amyl Methyl Ether (TAME)	0.5		ND
Total Xylenes	1.5	10000	ND	tert-Butylbenzene	0.5		ND
trans-1,2-Dichloroethene	0.5	100	ND	trans-1,3-Dichloropropene	0.5		ND
Trichloroethene	0.5	5	ND	Trichlorofluoromethane	0.5		ND
Vinyl Chloride	0.5	2	ND				
TRIHALOMETHANES	10.00						
Bromodichloromethane	0.5		ND	Comments:			
Bromoform	0.5		ND				1
Chloroform	0.5		ND				
Dibromochloromethane	0.5		ND	Approved by:		Approva	al date:
TOTAL THMs		80	0.00				
UNREGULATED		4.5		Lacia Mun	een		0/09/2017
1,1,1,2-Tetrachloroethane	0.5		ND				9/08/2017
1,1,2,2-Tetrachloroethane	0.5		ND	1			
1,1-Dichloroethane	0.5		ND				
1,1-Dichloropropene	0.5		ND				
1,2,3-Trichlorobenzene	0.5		ND				
1,2,3-Trichloropropane	0.5		ND				
1,2,4-Trimethylbenzene	0.5		ND				
1,2-Dibromo-3-Chloropropane	0.5		ND				
1,2-Dibromoethane	0.5		ND				
1,3,5-Trimethylbenzene	0.5		ND				
1.3-Dichlorobenzene	0.5		ND				
1,3-Dichloropropane	0.5		ND				
2,2-Dichloropropane	0.5		ND				
z,z-bichloroproparie	0.5		ND.				

^{*}All results are in parts per billion ppb); ND = Less than the detection level; na = not applicable; e = estimate

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Send Report to: Bert Wixon

DHMH - Laboratories Administration Division of Environmental Chemistry

Temperature Blank: _

Howard County Health Dept Bureau of Environmental Health 8930 Stanford Blvd Columbia, MD 21045

ORGANICS ANALYTICAL LABORATORY

1770 Ashland Avenue BALTIMORE, MARYLAND 21205

40170169-1	Please write le	egibly	
	ant/Site Name:		County: Howard
Location: Ho-17-0167		arce: 12685 Triadelphia	
Collector/ID: S. Collins		Phone No.:	410-313-6287
County System No.	PWSID F	Plant No. Bate Collected	Time Collected
Field Data: pH	Free CI:	O Total	CI:
☐ Private ☐ Community ☐ Non-Community	Stream	rce (water) ribution (treated) er Treatment Plant POE	□ Oil □ Solid □ Other
Specify Program: ☐ SDWA ☐ N	PDES □ RCRA	□ CWA □ CERCLA	☐ Consumer Products
Test Requested	Field & Trip Blank	Preservative Used	Comment
☐ EPA Method 504.1 (EDB/DBCP)	☐ Field Blank	☐ Sodium thiosulfate	Comment
☐ EPA Method 508 [Aroclors (SCAN only) & Toxaphene]	☐ Field Blank	☐ Sodium thiosulfate	25
☐ EPA Method 515.3 (Herbicides)	☐ Field Blank	☐ Sodium thiosulfate	
☐ EPA Method 515.4 (Herbicides)	☐ Field Blank	☐ Sodium sulfite	
☐ EPA Method 525.2 (Pesticides)	☐ Field Blank	☐ HCL (6N) ☐ Sodium suffite	
☐ EPA Method 531.2 (Carbamates)	☐ Field Blank	☐ Potassium Citrate monobasic ☐ Sodium thiosulfate	
☐ EPA Method 552.2 (Haloacetic acids)	☐ Field Blank	☐ Ammonium chloride	.d.
☐ EPA Method 8270 (Semi-Volatiles) ☐ Pesticides ☐ Aroclors	☐ Field Blank	☐ Sodium thiosulfate	
É EPA Method 524.2 (Volatiles) É VOCS ☐ THMs	ப் Field Blank ப Trip Blank	☐ 1:1 HCL ☐ 1:1 HCL + Ascorbic acid ☐ Sodium thlosulfate	FB-1 HO170169F-1 FB-2 HO170169F-2 Trip HO170169T
☐ EPA Method 8260 (VOCs)	☐ Field Blank	☐ 1:1 HCL ☐ 1:1 HCL + Ascorbic acid	
E18000861001 Received: 08/29/2017 EPA 524 2 Trace Organics H0170169-1/2	E1800086100 Received 08/29/20 Trace Organics	02 E18	000861003 Ived. 08/29/2017 EPA 524 2 Organics H0170169T
	. 4 -		
Remarks:			
Lab Supervisor:	(443) 681-3857	Date Rep	oorted:/