

August 8, 2019

MEMORANDUM

To: Shauna Lu
Cathy Lowenkron
Water Quality Financing Administration
Maryland Department of the Environment

Kristin Mielcarek
Canaan Valley Institute

From: Jeff Williams
Program Supervisor, Well & Septic Program

Re: **BRF Proposal for connecting 6430 Ivy Terrace to public sewer**

The Howard County Health Department has identified a property in Howard County that meets the five requirements of HB 57 to receive BRF money for connecting an existing house to an existing public sewer line.

1. THE ENVIRONMENTAL IMPACT OF THE ONSITE SEWAGE DISPOSAL SYSTEM IS DOCUMENTED BY THE LOCAL GOVERNMENT AND CONFIRMED BY THE DEPARTMENT;

The existing on-site sewage disposal system serving the single family dwelling on the property is in a failing condition. Please see exhibit A containing a Health Department site evaluation form confirming the failing condition.

2. IT CAN BE DEMONSTRATED THAT:

A. THE REPLACEMENT OF THE ONSITE SEWAGE DISPOSAL SYSTEM WITH SERVICE TO AN EXISTING MUNICIPAL WASTEWATER FACILITY THAT IS ACHIEVING ENHANCED NUTRIENT REMOVAL LEVEL TREATMENT IS MORE COST-EFFECTIVE FOR NITROGEN REMOVAL THAN UPGRADING THE INDIVIDUAL ONSITE SEWAGE DISPOSAL SYSTEM; OR

B. THE INDIVIDUAL REPLACEMENT OF THE ONSITE SEWAGE DISPOSAL SYSTEM IS NOT FEASIBLE;

The Little Patuxent Wastewater Treatment Plant is currently constructed to meet to ENR standards. Therefore, it is more cost effective per pound of nitrogen removal than installing a BAT on an on-site sewage disposal system. The homeowner has received three (3) written quotes (exhibit B) from contractors to make the connection. The lowest quote is \$8245 from Heil

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

Plumbing. The homeowner has paid the Howard County connection cost of \$5100 (exhibit C). Additionally, connection to the public system is required by Howard County Code and installation of an on-site sewage disposal system would be inconsistent with the Howard County Master Plan for Water and Sewerage, and therefore, prohibited by COMAR 26.04.02.02.J.

3. THE PROJECT IS CONSISTENT WITH THE COUNTY'S COMPREHENSIVE PLAN AND WATER AND SEWER MASTER PLAN;

The Howard County Master Plan states that an individual sewerage system may not be installed on any parcel or lot where a public sewer system is adequate and available. The public sewer system is adequate and available to this property. Exhibit D is a Howard County GIS map illustrating the existing sewer line in red.

4. THE ONSITE SEWAGE DISPOSAL SYSTEM WAS INSTALLED AS OF OCTOBER 1, 2008, AND THE PROPERTY THE SYSTEM SERVES IS LOCATED IN A PRIORITY FUNDING AREA, IN ACCORDANCE WITH § 5-7B-02 OF THE STATE FINANCE AND PROCUREMENT ARTICLE; AND

The existing home was built before public sewer was available. Health Department records do not exist for the property. The State Department of Assessment and Taxation Real Property Form indicates the house was built in 1958 (exhibit E). 6430 Ivy Terrace is within the Priority Funding Area.

5. THE LOCAL GOVERNMENT HAS ADOPTED A POLICY OR PROCEDURE THAT WILL GUARANTEE THAT ANY FUTURE CONNECTION TO AN EXISTING MUNICIPAL WASTEWATER FACILITY THAT IS FUNDED UNDER PARAGRAPH (2)(I)1E OF THIS SUBSECTION WILL MEET ALL OF THE REQUIREMENTS UNDER THIS SUBPARAGRAPH.

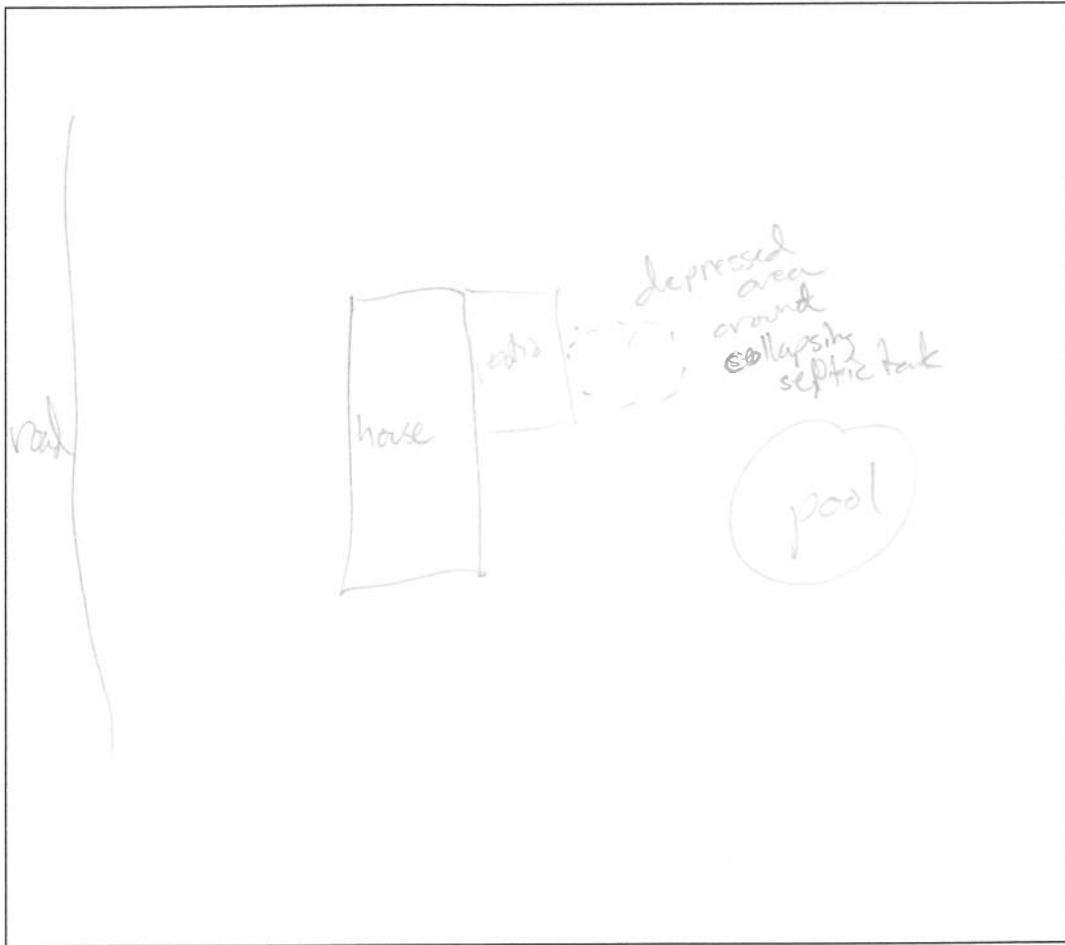
The Howard County public sewer line has already been constructed. The connection will be for 6430 Ivy Terrace and no other homes will be connected to the sewer line house connection.

The Howard County Health Department does not like to maintain financial data of Howard County citizens, so I have requested that the owner provide their taxable income information directly to Canaan Valley Institute. Please feel free to contact me at (410) 313-1771 with any questions.

SITE INSPECTION SHEET

OWNER: Verni PHONE #: _____
ADDRESS: 6430 Ivy Terrace CONTRACTOR: _____
WELL TAG #: _____
SUBDIVISION: _____ LOT: _____ COUNTY #: _____
PROPOSAL: Failing septic - connection to sewer

LOCATION DIAGRAM



COMMENTS: plumber report indicated collapsing metal septic tank. Area of yard depressed in vicinity of tank.

DATE: 5/19/19 INSPECTOR: J. Williams



**EHRHARDT BROTHERS
QUALITY PLUMBING, INC.**

5552 Cedar Lane
Columbia, MD 21044
410/997-8414

Date	Invoice #
4/18/2011	20385

Bill To

D.J. Verni
6430 Ivy Terrace
Elkridge, MD 21075

PAID
05/31/2011

*emailed
J. Williams
5/3/18*

P.O. No.	Terms	Due Date	Account #	Project	
	net 15 days	5/3/2011		Verni, DJ- IvyTerr...	
Description			Qty	Rate	Amount
Sewer Repair - 4/14/2011					
1) Excavate as needed to expose 4" sewer piping. (Found to be old "paper" piping, crushed, and broken off at septic tank.)					
2) Replaced as best as possible, and re-inserted to tank. (Note: tank is made of steel and leaking in multiple places.) Back fill by others.					
3) Repaired and re-installed toilet to test. OK at this time					
Keith			7	120.00	840.00
Misc materials				89.00	89.00
LESS "D.J." DISCOUNT				-185.00	-185.00
Total					\$744.00
Payments/Credits					-\$744.00
Balance Due					\$0.00

Exhibit B



8177 Mission Rd.
 Jessup, Maryland 20794
 (410) 799-7727
 office@heilplumbing.com

Estimate

ESTIMATE#	21871259
DATE	06/24/2019
PO#	

CUSTOMER
Dorothy Verni 6430 Ivy Terrace Elkridge, MD 21075 (410) 440-9849 (M)

SERVICE LOCATION
6430 Ivy Terrace Elkridge, MD 21075

DESCRIPTION	Heil Plumbing shall: Start at the rear of the house and excavate an area 3' deep x 2' wide x approximately 100 +/- linear feet at a minimum depth required to provide a continuous downhill grade from the building to the Howard County Sewer House Connection. Connect to the existing sewer line stubbed out of the rear of the house. Supply and install approximately 100 +/- linear feet of 4" schedule 40 PVC plastic pipe from the house to the Howard County SHC connection. Connect to the existing 4" Howard County sanitary house connection with a Fernco or equivalent flexible connector. Surround the pipe with owner furnished gravel. Supply and install 4" clean outs flush with grade at the: building, every 75' and SHC. Have the contents of the septic tank removed and disposed of by a licensed waste hauler. Fill in one septic tank (1,000 gallon) with dirt. Excavate downstream of the septic to determine if there is a dry well. If a dry well is found Heil will have the contents of the dry well removed and disposed of by a licensed waste hauler, then fill the dry well with soil. Compact the soil, grass seed and straw the disturbed area.
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Description	Qty	Rate	Total
Sewer Installation	1.00	\$7,995.00	\$7,995.00
Permit Required Permit fee required	1.00	\$350.00	\$350.00
Cash Discount		\$100.00	-\$100.00

CUSTOMER MESSAGE

The prices listed are estimates only. If you are interested in completing the work with Heil Plumbing, please contact us for a formal contract with final pricing. Should you have any questions or concerns, please feel free to email at mengning.heil@heilplumbing.com or call us at 410-799-7727 Monday - Friday 7:30AM-4:30PM.

PRE-WORK SIGNATURE

Estimate Total: \$8,245.00

Edward Heil


ABBOTT'S PLUMBING

PLUMBING - DRAIN SERVICE

6149 Washington Blvd. Elkridge, MD 21075 MHIC # 05-45944 MD PLMB #21565

DATE 6/26/19 INVOICE 181439

Office: 410.536.5700

Email: info@abbottsplumbing.com

Website: www.abbottsplumbing.com

BILLING NAME (IF DIFFERENT FROM JOB NAME)		
BILLING ADDRESS (IF DIFFERENT FROM JOB ADDRESS)		APPT#
CITY	STATE	ZIP
HOME PHONE	CELL PHONE	

APPROXIMATE
START DATE

JOB NAME		
JOB ADDRESS		APPT#
6430 IVY TERR.		
CITY	STATE	ZIP
ELKRIDGE	MD	21075
HOME PHONE	CELL PHONE	
	410-440-9849	

APPROXIMATE
COMPLETION DATE

SEWER SERVICE CONTRACT SPECIFICATIONS

Abbott's Plumbing will obtain the required plumbing permits and contract Miss Utility to locate and mark the utilities.
Abbott's Plumbing will excavate to expose sewer and;

REPAIR OPTION

- REPAIR** up to approximately _____ ft in length and _____ ft in depth of existing (outside / inside) sewer line with sch.40 PVC. Provide _____ cleanout(s) and have local jurisdiction inspect as required.
Backfill trench to a **mounded machine grade** and apply erosion control matting and grass seed.

Warranty on repaired pipe, 5 years.

REPAIR \$ _____

~~REPAIR~~ REPLACEMENT OPTION - NEW SEWER SERVICE

- REPLACE** up to approximately 75 ft in length, 10 ft in depth of existing sewer line with sch.40 PVC from house connection to municipal connection. Replace inside approximately 0 ft in length, 0 ft in depth. Provide 2 cleanout(s) and have local jurisdiction inspect as required.
Backfill trench to a **mounded machine grade** and apply erosion control matting and grass seed.

[NEW]

LIFETIME WARRANTY ON ~~REPAIRED~~ PIPE, 10 YEAR TRANSFERRABLE

REPLACEMENT \$ 10,086.00

Additional Details For New Sewer:

- #1 - Pump Out old septic tank.
- #2 - Connect to existing PVC sewer at slab patio.
- #3 - Bed New Sewer in stone.
- #4 - Pipe new sewer to end of property.
- #5 - Abandon Old Septic per local code.
- #6 - Excavate to investigate if the septic used dry wells or drain field. If dry wells exist to pump out is \$750.00 / load (up to 3,000 gallons per load). If a drain feild was used - no additional work is required.

UTILITY CONTRACTOR MUST PROVIDE NEW SEWER TIE-IN POINT W/ CLEAN OUT ON PROPERTY

UNLESS SPECIFICALLY STATED OTHERWISE, REPAIR OF THE STREET, SIDEWALKS, AND THE LIKE SHALL NOT BE THE RESPONSIBILITY OF ABBOTT'S PLUMBING. ALL LANDSCAPING REQUIRED FOLLOWING THE COMPLETION OF THE JOB WOULD BE THE RESPONSIBILITY OF THE CUSTOMER(S) CUSTOMER INITIAL _____

w/ 10% Discount TOTAL \$ 9,078.00

1/3 DEPOSIT \$ 3,026.00

BALANCE DUE UPON COMPLETION \$ 6,052.00

FINANCING AVAILABLE

I, the undersigned, have read, agreed to, received a copy of this contract, and have authorized this work to be completed.

I have read the **TERMS AND CONDITIONS** on the back of this contract.

Customer Signature _____

Employee Signature Rich Bell

Print Customer Name _____

Print Employee Name Rich Bell

I, the undersigned, acknowledge that the work above has been completed to my **UTMOST SATISFACTION**.

Customer Signature _____

Employee Signature _____

- CASH
- CHECK
- CREDIT CARD
- FINANCE

DRIVERS LINCENSE # _____
CREDIT CARD # _____
AUTHORIZING MANAGER _____

STATE _____ DOB _____
CREDIT CARD EXPIRATION DATE _____



PROPOSAL AND CONTRACT UPON ACCEPTANCE Bauman Plumbing, L.L.C.

Mechanical Contractors
5750 FURNACE AVENUE
ELK RIDGE, MARYLAND 21075
(410) 796-2515 FAX (410) 379-0116

PROPOSAL SUBMITTED TO Dorothy J. Verni	HOME # 443 880 3333 DATE
STREET 6430 IVY TERRACE	BUSINESS # 410 440 9849 7/27/19
CITY, STATE AND ZIP CODE ELKRIDGE, MD. 21075	JOB NAME PROVIDE PUBLIC SEWER AND PUMP, Fill, Septic tank AND or drywell
	JOB LOCATION Bear of Property

- ① Howard County plumbing permit, inspection, and coordination included in price, Miss Utility notification and utility liability also included. Connection Fees paid by others.
- ② New sewer 4" PVC Schedul 40 from countys connector to code approved discharge pipework. Work around shrubs, trees, and bushes, however, not liable for damage or loss, excavated areas backfilled to neat semi compacted mound finish with seed, straw, and erosion controll measures included.
- ③ Pump and fill the existing septic tank, records indicate drain fields, however upon inspection and excavation, if a drywell is located, pumping AND Filling are also included.
- ④ All workmanship performed with minimal excavation, Fence section removal and replacement upon job completion included. *New system lifetime guarantee on workmanship. No hidden costs, nice neat workmanship and clean-up.

WE PROPOSE hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:
ELEVEN THOUSAND AND SIXTYTWO ⁰⁰/₁₀₀ dollars (\$ **11,062.⁰⁰**).

TERMS: **N/A**
 Downpayment with signed order and balance due 30 days from invoice date.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature William Bauman
Note: This proposal may be withdrawn by us if not accepted within **1 to 30** days
WORK TO BEGIN
UPON ACCEPTANCE

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.
Date of Acceptance: _____

Signature _____
Signature _____

OFFICE USE ONLY

CONTROL #: _____
PERMIT #: _____
INSPECTED BY: _____
DATE INSPECTED: _____

SEWER CONNECTION APPLICATION HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

3430 COURT HOUSE DRIVE ELLICOTT CITY, MD 21043

N/A

Exhibit C

AP
CO
REI
SEV
COI
DAT
APP

Kyle Robert
Regulation Inspector
Bureau of Utilities
(o) 410-313-49

Howard County
Department of Public Works
8250 Old Montgomery Rd., Columbia, MD 21046
kroberts@howardcountymd.gov
FAX: 410-313-4

FILL OUT APPLICATION COMPLETELY AND SIGN BELOW. IF LOCATION INFORMATION IS UNKNOWN, CONTACT THE OFFICE OF PLANNING AND ZONING (DPZ) FOR HOUSE NUMBER, STREET NAME, ETC. NOTE: COMMERCIAL AND INDUSTRIAL FACILITIES MAY BE SUBJECT TO REQUIREMENTS OF THE COUNTY CODE FOR SEWER SURCHARGES, INDUSTRIAL COST RECOVERY CHARGES, AND PRETREATMENT.

Application is herewith made for a sewer house connection to the property described below:

SUBDIVISION _____ SECTION _____ AREA _____ LOT _____

HOUSE # 6430 STREET Ivy Ter TAX MAP 0038 GRID _____

CITY, STATE Elkridge ZIP CODE 21075 PHONE # 410-440-9849

NEW OR EXISTING BUILDING Existing USE (SEE PROPERTY CLASSIFICATIONS ON REVERSE SIDE) _____

ITEMS CHECK	CONNECTION TYPE	CON. DIA.	CHARGES DESCRIPTION	CHARGES AMOUNT	FUND	BA	G/L
<input checked="" type="checkbox"/>	SEWER CONNECTION	4"	INSTALLATION	\$ 4,500. ⁰⁰	7010009000	3100	431185
<input type="checkbox"/>	SEWER CONNECTION	6"	INSTALLATION		7010009000	3100	431185
<input type="checkbox"/>	SEWER CONNECTION	8"	INSTALLATION - ADO		7010003000	1300	102998
<input checked="" type="checkbox"/>			IN-AID-OF CONSTRUCTION AMOUNT CHARGED BASED ON METER SIZE	\$ 600. ⁰⁰	7030015100	3100	422000
<input type="checkbox"/>	ADO or SURETY #		ADVANCED DEPOSIT ORDER OR SURETY DEPOSIT AMOUNT		7010003000	1300	102998
<input type="checkbox"/>			INSPECTION FEE AND PERMIT FEE		7010010000	3100	431105

*Refer to DPZ for estimates of Advanced Deposit (ADO). For installations requiring an ADO, the owner must enter into a cost agreement with Howard County prior to the commencement of any installation work.

\$ 5,100.⁰⁰
TOTAL DUE

DATE _____
CR # _____

THE INFORMATION REQUESTED BELOW MUST BE LEGIBLE FOR BILLING/REFUND PURPOSES.

COMPANY NAME _____

COMPANY ADDRESS _____

OWNER SIGNATURE _____

OWNER NAME (PRINT) Dorothy J. Verni

OWNER ADDRESS 6430 Ivy Terrace, Elkridge
21075

FULL FEE MUST ACCOMPANY THIS COMPLETE APPLICATION, MAKE CHECKS PAYABLE TO: DIRECTOR OF FINANCE, HOWARD COUNTY. CREDIT CARDS ARE NOT ACCEPTED.

THE TERMS & CONDITIONS OF THIS APPLICATION, INCLUDING ANYTHING ON THE REVERSE SIDE HEREOF ARE BINDING UPON THE OWNERS SIGNATURE & ALL SUCCEEDING OWNERS.



Real Property Data Search (w1)

Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption			View GroundRent Registration					
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Account Identifier:		District - 01 Account Number - 175734								
Owner Information										
Owner Name:	VERNI DOROTHY J KONON ALEXIS A J/T				Use:	RESIDENTIAL				
Mailing Address:	6430 IVY TER ELKRIDGE MD 21075-5831				Principal Residence:	YES				
					Deed Reference:	/10163/ 00653				
Location & Structure Information										
Premises Address:		6430 IVY TER ELKRIDGE 21075-0000			Legal Description:		LOT 1150 .2355 A 6430 IVY TER HARWOOD PARK			
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:	60 115
0038	0013	0873		0000			1150	2018	Plat Ref:	
Special Tax Areas:					Town:		NONE			
					Ad Valorem:		104			
					Tax Class:					
Primary Structure Built		Above Grade Living Area		Finished Basement Area		Property Land Area		County Use		
1958		864 SF				10,258 SF				
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation				
1	YES	STANDARD UNIT	FRAME	1 full/ 1 half						
Value Information										
		Base Value	Value	Phase-in Assessments						
			As of	As of		As of				
			01/01/2018	07/01/2019		07/01/2020				
Land:		130,200	130,200							
Improvements		97,600	95,800							
Total:		227,800	226,000	226,000		226,000				
Preferential Land:		0				0				
Transfer Information										
Seller: VERNI DOROTHY J			Date: 08/07/2006			Price: \$0				
Type: NON-ARMS LENGTH OTHER			Deed1: /10163/ 00653			Deed2:				
Seller: PIELERT EDWARD ARTHUR JR			Date: 10/22/2001			Price: \$124,500				
Type: ARMS LENGTH IMPROVED			Deed1: /05739/ 00206			Deed2:				
Seller: PIELERT EDWARD ARTHUR JR			Date: 04/03/2001			Price: \$0				
Type: NON-ARMS LENGTH OTHER			Deed1: /05408/ 00051			Deed2:				
Exemption Information										
Partial Exempt Assessments:		Class			07/01/2019			07/01/2020		
County:		000			0.00					
State:		000			0.00					
Municipal:		000			0.00 0.00			0.00 0.00		
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Homestead Application Information										
Homestead Application Status: No Application										
Homeowners' Tax Credit Application Information										