

April 24, 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 3901 Chatham Road 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. Please note that the quotes from Heil Plumbing and Hatfield's are each split in two bids for the full scope of work. The lowest quote is

---

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

\$14825 from Heil Plumbing. The homeowner has paid the Howard County connection cost of \$2400, of which \$900 is reimbursable by the grant. The other \$1500 is a surety deposit that the homeowner will get back once the work is completed (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 1960 (exhibit E). 3901 Chatham Road 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.**

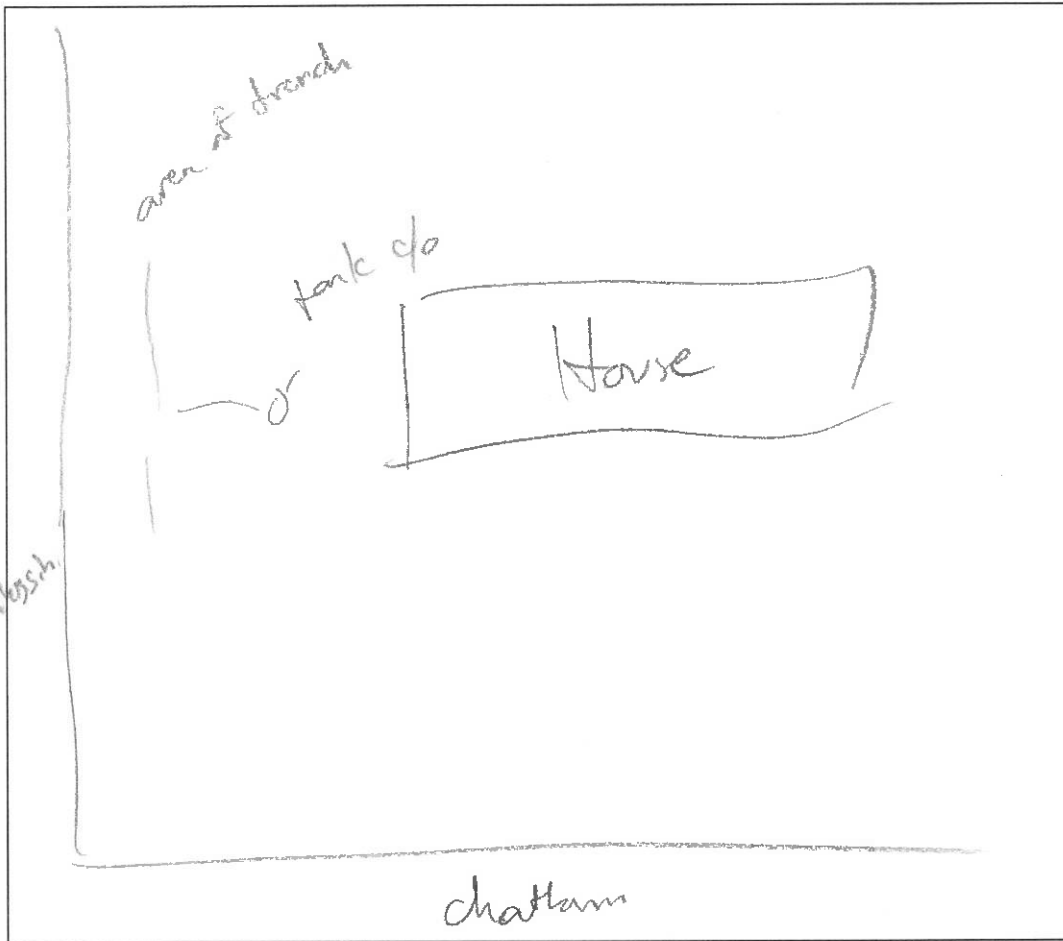
The Howard County public sewer line has already been constructed. The connection will be for 3901 Chatham Road and no other homes will be connected to the sewer line house connection.

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: Heinz PHONE #: \_\_\_\_\_  
ADDRESS: 3901 Chatham CONTRACTOR: \_\_\_\_\_  
WELL TAG #: \_\_\_\_\_  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ COUNTY #: \_\_\_\_\_  
PROPOSAL: connect to public sewer - BRF

LOCATION DIAGRAM



COMMENTS: ground saturated at area of trench and  
downgrade. Tank over full.

DATE: 9/25/18 INSPECTOR: J. Williams



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

# Estimate

<b>ESTIMATE#</b>	14980376
<b>DATE</b>	10/01/2018
<b>PO#</b>	

CUSTOMER
John Heinz 3901 Chatham Road Ellicott City, MD 21042 (410) 913-3363 (M)

SERVICE LOCATION
3901 Chatham Road Ellicott City, MD 21042

DESCRIPTION	
	Installation of new sewer 2' deep at the house and 5 feet deep at the property line  Starting at the left rear corner of the house, excavate 105 +/- linear feet at a minimum depth required to provide a continuous downhill grade from the left side of the house, to the Howard County sanitary sewer connection. Supply and install approximately 105 +/- linear feet of 4" PVC (schedule 40) piping, with a tracer wire, from the building to the Howard County Sewer House Connection. Install a clean out near the house, then install a clean out every 75 feet and at the sewer house connection. Connect to the Howard County Sewer Connection. Have Howard County inspect the job. Have the septic tank pumped. Collapse and fill in one septic tank (750 gallon) with debris, according to Howard County code. Shall backfill with native soil, seed and straw the disturbed area.

Description	Qty	Rate	Total
Underground Crew Underground Crew per 8 hour day	2.00	\$2,500.00	\$5,000.00
Subcontractor Pump out septic tank	1.00	\$750.00	\$750.00
Misc. Material	1.00	\$550.00	\$550.00
Permit Required Permit fee required	1.00	\$275.00	\$275.00
Permit Service	1.00	\$150.00	\$150.00

**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](mailto:mengning.heil@heilplumbing.com) or call us at 410-799-7727  
Monday - Friday 7:30AM-4:30PM.

**PRE-WORK SIGNATURE**

**Estimate Total:**

**\$6,725.00**



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

# Estimate

<b>ESTIMATE#</b>	15047285
<b>DATE</b>	10/03/2018
<b>PO#</b>	

CUSTOMER
John Heinz 3901 Chatham Road Ellicott City, MD 21042 (410) 913-3363 (M)

SERVICE LOCATION
3901 Chatham Road Ellicott City, MD 21042

DESCRIPTION	
	Extend sewer lateral across the road to the property line. A vertical stand pipe (drop house connection) was installed on the sewer main during the original construction. The DHC stand pipe feet is 9 deep in the roadway directly over the sewer main.
	Remove 25 SF of the asphalt roadway
	Excavate at the existing drop house connection (DHC) stand pipe
	Connect to the existing stand pipe with 4" SDR 35
	Install 4" SDR 35 PVC across the roadway to the property line
	Install a WYE block connection at the property line
	Back fill with native soil
	Patch upto 25 SF of asphalt

Description	Qty	Rate	Total
Underground Crew Underground Crew per 8 hour day	2.00	\$3,000.00	\$6,000.00
Asphalt Repair 4 inches Asphalt repair/replacement includes new base	1.00	\$1,500.00	\$1,500.00
Permit Required In Aid of Construction	1.00	\$600.00	\$600.00

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: \$8,100.00**

# UTILITIES UNLIMITED INC.

1771 Underwood Road · Sykesville, MD 21784

410-442-1755 · Fax: 410-442-1838

[www.utilitiesunlimitedinc.com](http://www.utilitiesunlimitedinc.com)

November 6, 2018

Mr. John Heinz  
3901 Chatham Road  
Ellicott City, MD 21042

Re: 3901 Chatham Road

Page 1 of 2

Dear Mr. Heinz:

The following is our proposal to construct a new Public Sewer service at the above referenced property in accordance with the attached as-built plan and profile drawings, and Howard County Standard Details and Specifications for Construction.

Our Scope of Work and Pricing are as follows:

## SANITARY SEWER

Mobilization	1 EA
Connect to Existing Drop Riser (9.6' Deep)	1 EA
4" PVC SDR 35 Pipe	30 LF +/-
Cleanout at Property Line	1 EA
Permanent Asphalt Trench Patch	1 LS
Seed & Mulch disturbed area	1 LS

**TOTAL PROPOSAL PRICE: \$27,950.00**

The following items are not included in the proposal price: Permit or inspection fees, Traffic control plan, Bond, Stakeout, Clearing, Grading, Sediment control, Rock blasting, Rock excavation, Select backfill, Handling or disposal of unsuitable or contaminated soils, Excavation below subgrade and gravel refill, Off-site disposal of excess soils generated by our work, Soils or compaction testing, Relocation of existing utilities, Bracing of utility poles, Sodding, Asbuilt drawings, Additional mobilizations.

November 6, 2018  
3901 Chatham Road  
Utilities Unlimited, Inc. Proposal Page 2 of 2

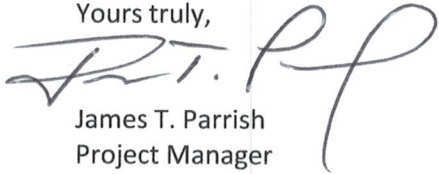
Our work includes a one year warranty on workmanship and materials. The warranty period begins upon completion of our work.

Payment terms are 50% down prior to mobilization, and the remainder due upon completion. A 2% per month service charge will be assessed to past due accounts, and reasonable attorney fees If referred for collection.

Scheduling for this work is subject to our crew availability. This proposal may be withdrawn if not accepted within 15 days of the proposal date.

Thank you for the opportunity to bid this project. Please do not hesitate to call with any questions.

Yours truly,



James T. Parrish  
Project Manager

\_\_\_\_\_  
Accepted By

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

attachment

On-Site Utility Contractor  
License No. UTL09212

# Hatfield's Equipment and Dedication Services, Inc.

P.O. Box 519 • Annapolis Junction, MD 20701-0519  
Office: 301-490-4289 / 888-490-4289 • Fax: 301-490-5794

Katie Heinz  
3901 Chatham Road  
Ellicott City, MD 21042

Sewer tap extension (if needed)  
Proposal # 9644

9/13/18

We propose to supply the labor, materials and equipment to complete the following:

## Sewer Tap Extension

We will search to see if the tap is at the property line during the sewer lateral installation. If the tap is not at the property line we will provide traffic control to excavate the roadway to the sewer main in the street.

Extend the 4" SDR 35 sewer to the property line

Install a 4" concrete wye block with a clean out to grade.

Install CR6 back in the driveway.

Install asphalt back in place.

**Cost \$ 9,850.00**

Customer to pay for all county construction fees, bonds, inspection fees, tap fees

Exclusions: Permits, bonds, concrete repair, sediment control, sodding, temporary fencing, any items not priced above.

All work to be billed as completed.

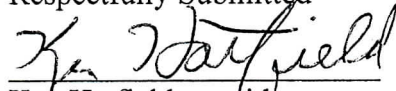
Customer agrees to pay Hatfield's Equipment And Dedication Services Inc. in full the amount due within 30 days.

A finance charge at the periodic rate of 2% per month which constitutes an annual percentage rate of 24%, will be applied to any balances not paid in 30 days

Customer agrees to pay 40% of amount due as attorney fees if placed in the hands of an attorney for collection.

Non-payment of any past due amount will be sufficient justification to stop work on the project.

Respectfully Submitted

  
Ken Hatfield, president

Accepted by

\_\_\_\_\_  
Signature of Responsible Party

\_\_\_\_\_  
Print Name

# Hatfield's Equipment and Dedication Services, Inc.

P.O. Box 519 • Annapolis Junction, MD 20701-0519  
Office: 301-490-4289 / 888-490-4289 • Fax: 301-490-5794

Katie Heinz  
3901 Chatham Road  
Ellicott City, MD 21042

Septic to county sewer  
Proposal # 9630

August 29, 2018

We propose to supply the labor, materials and equipment to complete the following:

Septic to county sewer

Owner to pay tap fee directly to the county.

Pump, crush, and fill existing septic tank

Provide an outside plumbing permit

Excavate and install 4" PVC pipe covered in stone from the invert of the existing tank to the county provided tap. Estimated 105 LF

Install cleanouts as needed

Inspected and backfilled

Tamp existing soil back in trench and septic tank area

Fine grade, seed and straw area disturbed.

Total Cost \$ 7,270.00

If a drywell is found for the drainage of the septic tank, to pump, crush and fill

Add \$ 800.00 \_\_\_\_\_ initial

Exclusions: stakeouts, export of fill, asphalt repair, rock excavation, blasting, temporary fencing, any items not priced above.

All work to be billed as completed.

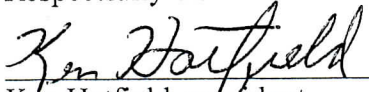
Customer agrees to pay Hatfield's Equipment And Dedication Services Inc. in full the amount due within 30 days.

A finance charge at the periodic rate of 2% per month which constitutes an annual percentage rate of 24%, will be applied to any balances not paid in 30 days

Customer agrees to pay 40% of amount due as attorney fees if placed in the hands of an attorney for collection.

Non-payment of any past due amount will be sufficient justification to stop work on the project.

Respectfully Submitted

  
Ken Hatfield, president

Accepted by

\_\_\_\_\_  
Signature of Responsible Party

\_\_\_\_\_  
Print Name

Exhibit C

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

684937

OFFICE USE ONLY

APPLICATION #: \_\_\_\_\_  
 CONTRACT #: 129  
 REBATE CONTRACT #: \_\_\_\_\_  
 SEWER ZONE: \_\_\_\_\_  
 CONNECTION WORKSHEET Y  N \_\_\_\_\_

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.

DATE OF APPLICATION \_\_\_\_\_

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

SUBDIVISION \_\_\_\_\_ SECTION \_\_\_\_\_ AREA \_\_\_\_\_ LOT \_\_\_\_\_ BLOCK \_\_\_\_\_  
 HOUSE # 3901 STREET Chatham Rd TAX MAP 0024 GRID 0016 PARCEL 0563  
 CITY, STATE Ellicott City ZIP CODE 21042 PHONE # \_\_\_\_\_  
 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"/> 1	SEWER CONNECTION	4"	INSTALLATION		7010009000	3100	431185
<input type="checkbox"/> 2	SEWER CONNECTION	6"	INSTALLATION		7010009000	3100	431185
<input type="checkbox"/> 3	SEWER CONNECTION	8"	INSTALLATION - ADO		7010003000	1300	102998
<input checked="" type="checkbox"/> 4			IN-AID-OF CONSTRUCTION AMOUNT CHARGED BASED ON METER SIZE	\$ 600 <sup>00</sup>	7030015100	3100	422000
<input checked="" type="checkbox"/> 5	ADO or SURETY #		ADVANCED DEPOSIT ORDER OR SURETY DEPOSIT AMOUNT	\$ 1500 <sup>00</sup>	7010003000	1300	102998
<input checked="" type="checkbox"/> 6			INSPECTION FEE AND PERMIT FEE	\$ 300 <sup>00</sup>	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.

**\$ 2,400<sup>00</sup>**  
 TOTAL DUE

DATE \_\_\_\_\_  
 CR # \_\_\_\_\_

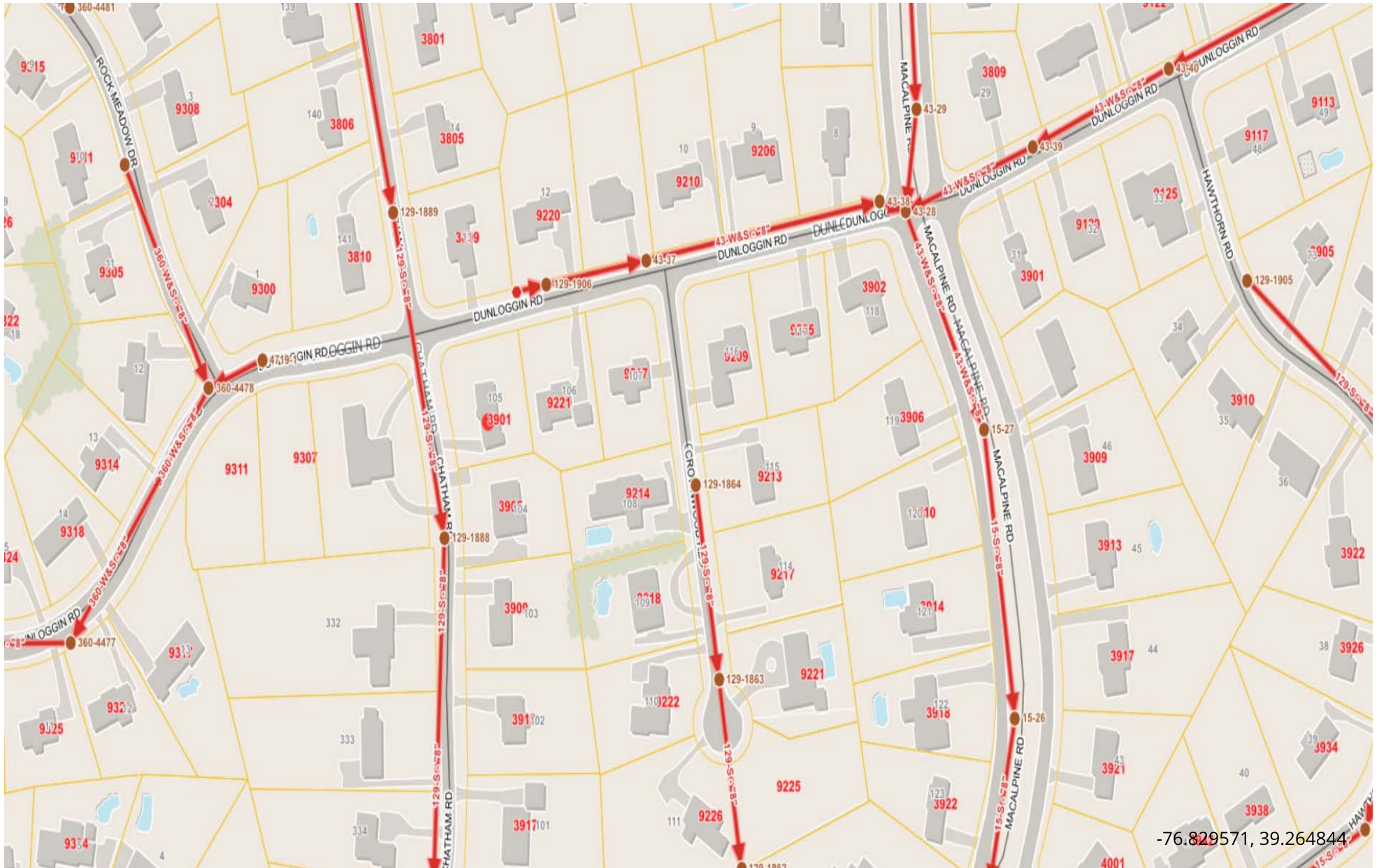
THE INFORMATION REQUESTED BELOW MUST BE LEGIBLE FOR BILLING/REFUND PURPOSES.

COMPANY NAME \_\_\_\_\_  
 COMPANY ADDRESS \_\_\_\_\_  
 OWNER SIGNATURE John C. Heinz  
 OWNER NAME (PRINT) JOHN HEINZ  
 OWNER ADDRESS 3901 CHATHAM RD  
Ellicott city MD 21042

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.

Exhibit D



## Real Property Data Search ( w3)

Search Result for HOWARD COUNTY

<a href="#">View Map</a>		<a href="#">View GroundRent Redemption</a>		<a href="#">View GroundRent Registration</a>					
<b>Tax Exempt:</b>		<b>Special Tax Recapture:</b>							
<b>Exempt Class:</b>		NONE							
<b>Account Identifier:</b>		<b>District - 02 Account Number - 213400</b>							
Owner Information									
<b>Owner Name:</b>	HEINZ KATIE MARIE GREENWOOD HEINZ JOHN C III		<b>Use:</b>	RESIDENTIAL					
<b>Mailing Address:</b>	3901 CHATHAM RD ELLCOTT CITY MD 21042-5109		<b>Principal Residence:</b>	YES					
			<b>Deed Reference:</b>	/05679/ 00001					
Location & Structure Information									
<b>Premises Address:</b>		3901 CHATHAM RD ELLCOTT CITY 21042-0000		<b>Legal Description:</b>	LOT 105 18,905 SQ' 3901 CHATHAM RD DUNLOGGIN S3				
<b>Map:</b>	<b>Grid:</b>	<b>Parcel:</b>	<b>Sub District:</b>	<b>Subdivision:</b>	<b>Section:</b>	<b>Block:</b>	<b>Lot:</b>	<b>Assessment Year:</b>	<b>Plat No:</b>
0024	0016	0563		0000			105	2018	<b>Plat Ref:</b>
<b>Special Tax Areas:</b>			<b>Town:</b>		NONE				
			<b>Ad Valorem:</b>		104				
			<b>Tax Class:</b>						
<b>Primary Structure Built</b>	<b>Above Grade Living Area</b>	<b>Finished Basement Area</b>	<b>Property Land Area</b>	<b>County Use</b>					
1960	2,640 SF		18,905 SF						
<b>Stories</b>	<b>Basement</b>	<b>Type</b>	<b>Exterior</b>	<b>Full/Half Bath</b>	<b>Garage</b>	<b>Last Major Renovation</b>			
2	NO	SPLIT LEVEL	BRICK	2 full/ 1 half	1 Attached				
Value Information									
	<b>Base Value</b>	<b>Value</b>	<b>Phase-in Assessments</b>						
		As of	As of	As of					
		01/01/2018	07/01/2018	07/01/2019					
<b>Land:</b>	180,900	180,900							
<b>Improvements</b>	243,200	237,900							
<b>Total:</b>	424,100	418,800	418,800	418,800					
<b>Preferential Land:</b>	0			0					
Transfer Information									
<b>Seller:</b> FENWICK NELSON E			<b>Date:</b> 09/14/2001			<b>Price:</b> \$296,000			
<b>Type:</b> ARMS LENGTH IMPROVED			<b>Deed1:</b> /05679/ 00001			<b>Deed2:</b>			
<b>Seller:</b> GRIFFIN A. CLAUDE JR. & WF.			<b>Date:</b> 12/21/1981			<b>Price:</b> \$110,000			
<b>Type:</b> ARMS LENGTH IMPROVED			<b>Deed1:</b> /01083/ 00418			<b>Deed2:</b>			
<b>Seller:</b>			<b>Date:</b>			<b>Price:</b>			
<b>Type:</b>			<b>Deed1:</b>			<b>Deed2:</b>			
Exemption Information									
<b>Partial Exempt Assessments:</b>	<b>Class</b>			07/01/2018	07/01/2019				
<b>County:</b>	000			0.00					
<b>State:</b>	000			0.00					
<b>Municipal:</b>	000			0.00 0.00	0.00 0.00				
<b>Tax Exempt:</b>		<b>Special Tax Recapture:</b>							
<b>Exempt Class:</b>		NONE							
Homestead Application Information									
<b>Homestead Application Status:</b> Approved 03/13/2012									
Homeowners' Tax Credit Application Information									