

July 10, 2018

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 10981 Scaggsville 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. The lowest quote is \$24,455 from Hatfield's Equipment. The homeowner has paid the Howard County connection cost of \$2400

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

(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 indicate the system was installed in 1979. The State Department of Assessment and Taxation Real Property Form indicates the house was built in 1980 (exhibit E). 10981 Scaggsville Road is within the Priority Funding Area.

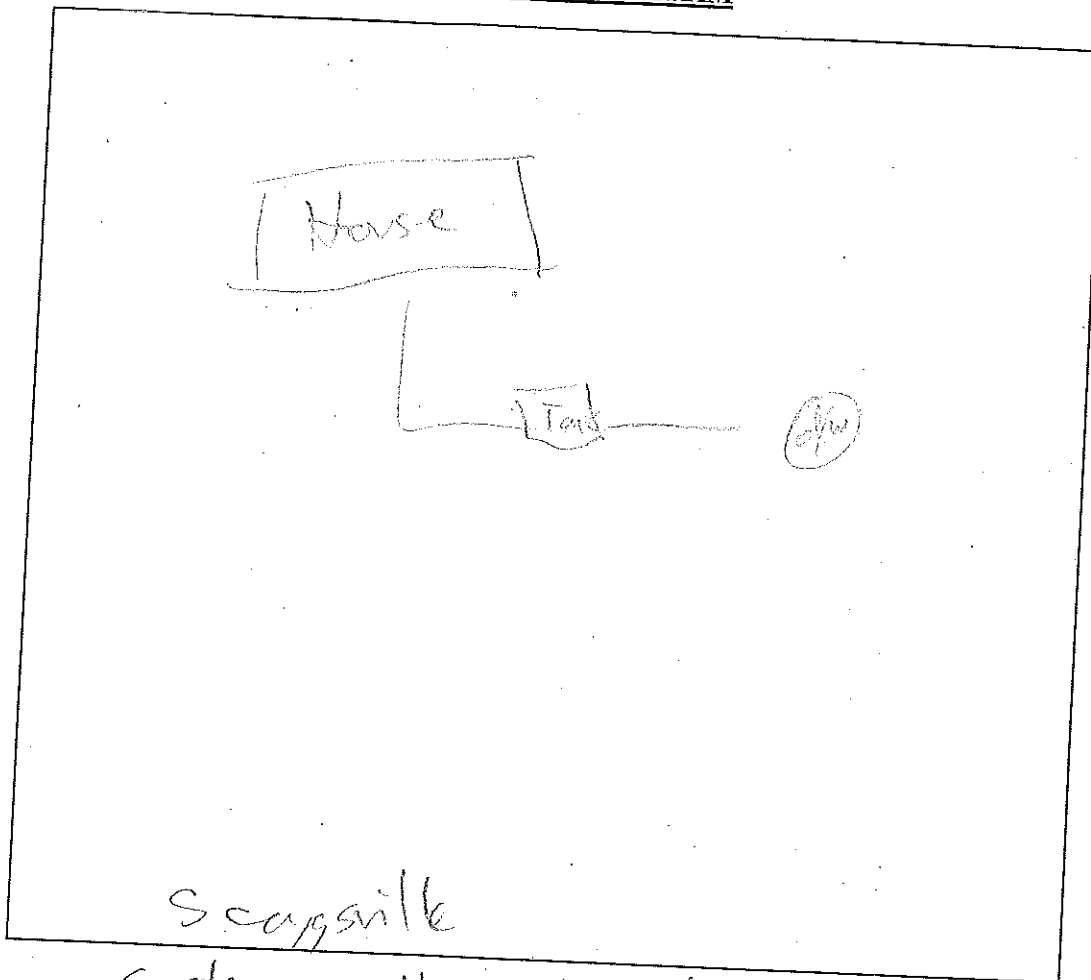
5. THE LOCAL GOVERNMENT HAS ADOPTED A POLICY OR PROCEDURE THAT WILL GUARANTEE THAT ANY FUTURE CONNECTION TO AN EXISTING MUNICIPAL WASTEWATER FACILITY THAT IS FUNDED UNDER PARAGRAPH (2)(I)1E OF THIS SUBSECTION WILL MEET ALL OF THE REQUIREMENTS UNDER THIS SUBPARAGRAPH.

The Howard County public sewer line has already been constructed. The connection will be for 10981 Scaggsville 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: _____ PHONE #: _____
ADDRESS: 10981 Scaggsville Rd CONTRACTOR: _____
SUBDIVISION: _____ LOT: _____ WELL TAG #: _____
PROPOSAL: connect to Public Sewer COUNTY #: _____

LOCATION DIAGRAM

COMMENTS: System greatly undersized for the number of
bedrooms in the house. Drynell ~~was~~ full.

DATE: 1/8/18 INSPECTOR: J. Williams

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

Michael Harrison
10981 Scaggsville Road
Laurel, MD 20723

County Sewer Tap
10981 Scaggsville Road
Laurel MD
Proposal # 9295

2/8/18

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

Excavate down to the sewer main in grass area to the right of 11005 Scaggsville Road
Install a 6" - 12" x 4" sewer stainless steel saddle on main
Extend 4" SDR35 PVC pipe to the property line
Install a 4" concrete wye block with 4" SDR35 to grade
Seed and straw area disturbed
Cost \$ 4,666.00

Exclusions: Permits, county fees, stakeouts, bonds, export of fill, import of fill,
temporary fencing, any items not priced above.

All work to be billed as completed.

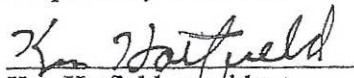
Customer agrees to pay Hatfield's Equipment And Dedication Services Inc. in full the
amount due within 30 days.

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

Michael Harrison
10981 Scaggsville Road
Laurel, MD 20723

Septic To County Sewer
Proposal # 9296

2/8/18

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

Apply for outside plumbing permit
Pump, crush and fill the existing septic tank and drywell
Install 4" schedule 40 PVC pipe from an existing outlet on the front wall of the house and an existing outlet on the right side of the house as facing.
Install an E-One grinder pit out of the right side of house and tie both outlets into the pit
Place 1" conduit up to 50ft. to the right wall.
Owner to provide breaker and disconnect needed, wire power to the control panel.
Freemire & Associates to wire control panel
Install 345LF of 1 1/2" pressure sewer to the new tap installed
Backfill E-One Grinder pit with sand
Complete start up inspection from plumbing department
Backfill with existing soil as best we can as weather conditions will allow
Cost \$ 19,789.00 _____ initial to accept

Return to fine grade, seed and fertilize disturbed area
Cost \$ 2,410.00 _____ initial to accept

Exclusions: Stakeouts, export of fill, asphalt repair, concrete repair, sediment control, temporary straw, temporary fencing, any items not priced above.

HATFIELD'S EQUIPMENT AND DEDICATION SERVICES INC.

Michael Harrison

Septic to county sewer @ 10981 Scaggsville Road Laurel MD

Proposal # 9296

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



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

Estimate

ESTIMATE# 10263620
DATE 02/06/2018
PO#

CUSTOMER

Michael Harrison
10981 Scaggsville Road
Laurel, MD 20723
(410) 598-4290 (M)

SERVICE LOCATION

10981 Scaggsville Road
Laurel, MD 20723

DESCRIPTION

Connect to existing 4" cast iron sewer in front of house with 4" PVC, install PVC around the right side of the house & connect to basement stub out near areaway, continue with 4" PVC down the hill to location of new grinder pump (110') from the house, directional bore to the street & install 1½" HDPE. Excavate to the minimum depth at the manhole, core drill manhole & install interior drop connection as per Howard County Standard Details. Install conduit and wire from pump to 100 amp panel in the basement. Pump out the contents of the septic tank and drywell and fill with compactable fill. Quote 60 amp sub panel outside near the pump basin as an option.

| Description | Qty | Rate | Total |
|----------------------------------------------------------------------------------|------|------------|-------------|
| Underground Crew | 5.00 | \$2,750.00 | \$13,750.00 |
| Directional boring 310 LF | 1.00 | \$4,200.00 | \$4,200.00 |
| Electrician | 1.00 | \$1,750.00 | \$1,750.00 |
| Upgrade electric to include 60 A sump panel with one GFI outlet near pump basin. | 0.00 | \$595.00 | \$0.00 |
| Material for drop connection Model: | 1.00 | \$750.00 | \$750.00 |
| Simplex grinder pump with 53 inch invert | 1.00 | \$7,392.00 | \$7,392.00 |
| Upgrade to duplex pump with 53 inch invert | 0.00 | \$5,500.00 | \$0.00 |
| HDPE, PVC, wire etc. | 1.00 | \$1,750.00 | \$1,750.00 |

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: \$29,592.00



SPEIGLE & SONS CONTRACTING, INC.
P.O. BOX 404, SAVAGE, MD 20763

February 16, 2018

Phone: (301) 776-4780

Fax: (301) 776-4782

Michael Harrison
10981 Scaggsville Rd.
Scaggsville, MD

Re: Sewage Grinder Station

We appreciate the opportunity to quote this project. We propose to furnish labor, equipment, and materials necessary for the scope as work as follows:

Locate existing 12" Sewer Main and install 6" Sewer House Connection

Directional Drill 1.25" HDPE, DR 11 Fore Main

Install E-One Model DH-151-93 Grinder Pump Station

Tie-in existing 4" influent system and force main into station

Existing septic tank and drywell system to be pumped out and filled with dirt

Grade, seed, and mulch site

Total amount \$27,401.00

Should you have and questions or concerns, call anytime.

Gary: (202) 438-4934

Jason: (443) 864-0567

Many thanks,

Gary Speigle

OFFICE USE ONLY

OFF

Exhibit C

CONTROL #: _____
 ERMIT #: _____
 INSPECTED BY: _____
 DATE INSPECTED: _____

SEWER CONNECTION APPLICATION
HOWARD COUNTY
DEPARTMENT OF PUBLIC WORKS
 3430 COURT HOUSE DRIVE ELLICOTT CITY, MD 21043
682931

APPLICATION #: _____
 CONTRACT #: 530-s
 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 3-5-18

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

SUBDIVISION _____ SECTION _____ AREA _____ LOT 2 BLOCK _____
 HOUSE # 10981 STREET Scaggsville Rd TAX MAP 0046 GRID 0005 PARCEL 0336
 CITY, STATE Laurel ZIP CODE 20723 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 | \$600.00 | 7030015100 | 3100 | 422000 |
| <input checked="" type="checkbox"/> 5 | ADO or SURETY # | | ADVANCED DEPOSIT ORDER OR SURETY DEPOSIT AMOUNT | \$1,500.00 | 7010003000 | 1300 | 102998 |
| <input checked="" type="checkbox"/> 6 | | | INSPECTION FEE AND PERMIT FEE | \$300.00 | 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.

\$2,400.00
TOTAL DUE

DATE _____
 CR # _____

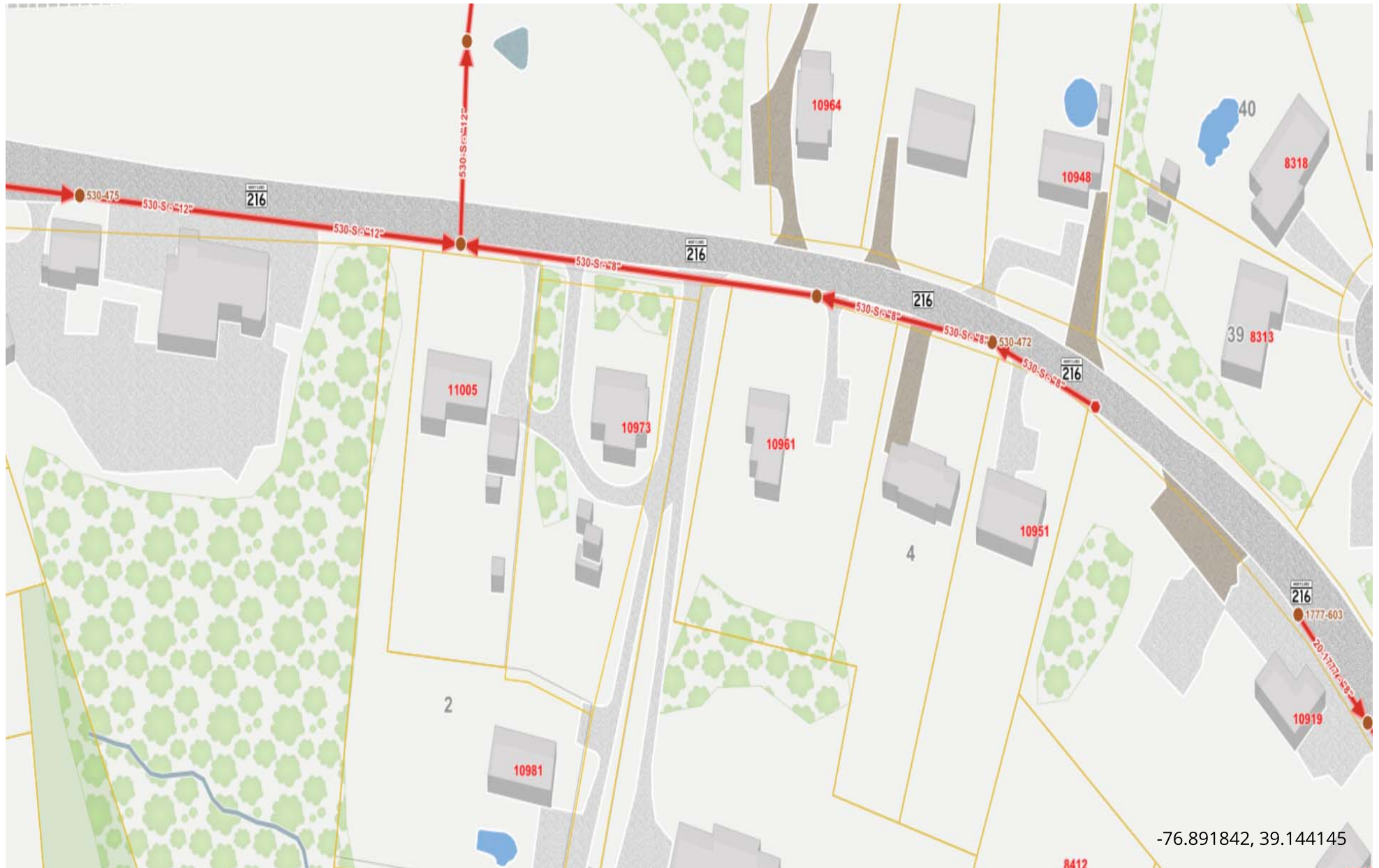
THE INFORMATION REQUESTED BELOW MUST BE LEGIBLE FOR BILLING/REFUND PURPOSES.

COMPANY NAME HATFIELD'S EQUIPMENT INC.
 COMPANY ADDRESS P.O. BOX 519 ANNAPOLIS JUNCTION, MD 20701
 OWNER SIGNATURE [Signature]
 OWNER NAME (PRINT) Michael Harrison
 OWNER ADDRESS 10981 SCAGGSVILLE ROAD LAUREL, MD 20723

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.

DEPARTMENT OF FINANCE



Real Property Data Search (w3)

Search Result for HOWARD COUNTY

| View Map | | View GroundRent Redemption | | View GroundRent Registration | |
|---------------------------------------------------|----------|----------------------------------------------|---------------|-------------------------------------------------------------------------------|----------------------------------------------------------|
| Tax Exempt: | | Special Tax Recapture: | | | |
| Exempt Class: | | NONE | | | |
| Account Identifier: | | District - 06 Account Number - 452426 | | | |
| Owner Information | | | | | |
| Owner Name: | | HARRISON JULIE M HARRISON MICHAEL | | Use: Principal Residence: RESIDENTIAL YES | |
| Mailing Address: | | 10981 SCAGGSVILLE RD LAUREL MD 20723-1007 | | Deed Reference: /15560/ 00236 | |
| Location & Structure Information | | | | | |
| Premises Address: | | 10981 SCAGGSVILLE RD LAUREL 20723-0000 | | Legal Description: LOT 2 .7698AR 10981 SCAGGSVILLE RD LONAS SUBDIVISION | |
| Map: | Grid: | Parcel: | Sub District: | Subdivision: | Section: Block: Lot: Assessment Year: Plat No: Plat Ref: |
| 0046 | 0005 | 0336 | | 0000 | 2 2017 |
| Special Tax Areas: | | Town: | | NONE | |
| | | Ad Valorem: | | 104 | |
| | | Tax Class: | | | |
| Primary Structure Built | | Above Grade Living Area | | Finished Basement Area | |
| 1980 | | 2,184 SF | | 700 SF | |
| Property Land Area | | County Use | | | |
| 33,497 SF | | | | | |
| Stories | Basement | Type | Exterior | Full/Half Bath | Garage Last Major Renovation |
| 1 1/2 | YES | STANDARD UNIT | SIDING | 3 full | |
| Value Information | | | | | |
| Base Value | | Value | | Phase-in Assessments | |
| | | As of | | As of | |
| | | 01/01/2017 | | 07/01/2017 | |
| | | | | As of | |
| | | | | 07/01/2018 | |
| Land: | 189,100 | 189,100 | | | |
| Improvements | 172,100 | 232,400 | | | |
| Total: | 361,200 | 421,500 | | 381,300 | |
| Preferential Land: | 0 | | | 401,400 | |
| Transfer Information | | | | | |
| Seller: ROBERTS DOREEN L | | Date: 04/29/2014 | | Price: \$0 | |
| Type: NON-ARMS LENGTH OTHER | | Deed1: /15560/ 00236 | | Deed2: | |
| Seller: HARRISON JULIE M | | Date: 04/29/2014 | | Price: \$0 | |
| Type: NON-ARMS LENGTH OTHER | | Deed1: /15560/ 00241 | | Deed2: | |
| Seller: LONAS STANLEY E | | Date: 04/10/1996 | | Price: \$0 | |
| Type: NON-ARMS LENGTH OTHER | | Deed1: /03700/ 00304 | | Deed2: | |
| Exemption Information | | | | | |
| Partial Exempt Assessments: | | Class | | 07/01/2017 07/01/2018 | |
| 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: Approved 08/02/2008 | | | | | |
| Homeowners' Tax Credit Application Information | | | | | |