



HOWARD COUNTY HEALTH DEPARTMENT

64039

DATE
10 / 22 / 18

Received
From

Tafes Septic Clean Inc.

PHONE #

05
410-7952-70

For

Septic Permit 445 Twinbrook Road

☐ CASH

☒ CHECK

NO.

6236d

\$

231 00

Two hundred thirty one Dollars

Received By

[Signature]



Howard County
Health Department

Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

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

RECEIPT DATE: 10/22/18

ONSITE SEWAGE DISPOSAL SYSTEM

P 564039

APPROVAL DATE: 10/25/18

PERMIT:

BRF REPAIR

A 563047

PROPERTY ADDRESS: 449 Twin Arch Road

SUBDIVISION: n/a

Parcel: 014

TAX ID: 321413

CONTRACTOR: Fogle's Septic

EMAIL: kurt@fogles.inc

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784

PHONE: 410-795-5670

CONTRACTOR CERTIFIED FOR BAT INSTALLATION:



MDE



MANUFACTURER:

Hoot

PROPERTY OWNER: Karen Ruano

EMAIL: Gancedo08@yahoo.com

OWNER ADDRESS: 912 E. Watersville Road, Mt. Airy, MD 21771

PHONE: 240-882-6229

BAT UNIT MODEL: HOOT BNR 600

PUMP SIZE: 20AE

PUMP TANK CAPACITY: 750g

OPERATION & MAINTENANCE AGREEMENT

DATE SIGNED: 8/15/2018

DATE RECORDED: 8/16/2018

DISTRIBUTION SYSTEM: ☒ GRAVITY

☐ PRESSURE DOSED

BEDROOMS: 3

APPLICATION RATE: 0.8

TRENCHES:

LINEAR FEET REQUIRED: 104

INLET DEPTH: 2

TRENCH WIDTH: 3

MAXIMUM BOTTOM DEPTH: 6

MINIMUM SPACE

BETWEEN TRENCHES:

EFFECTIVE AREA BEGINNING DEPTH: 2.5

LOCATION:

TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.

NOTES:

System designed for 3 bedrooms. Site limited due to excessive rock and steep slopes. Area for repair system to be installed in the upper NE part of property in area of clearing, near perc test B. Hoot system to be installed per manufacturers specifications. Must have startup certification of Hoot system as well as a pump and alarm test of the system itself.

ISSUED BY: Kevin M. Wolf

ISSUE DATE: 8/16/2018

EXPIRATION DATE: 8/16/2018

NOTE: **CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION**

NOTE: **CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING**

NOTE: **STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.**

NOTE: **WATERTIGHT SEPTIC TANKS REQUIRED**

NOTE: **ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE FROM ANY WATER WELL**

NOTE: **MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS**

NOTE: **AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM**



ELECTRICAL PERMIT ISSUED

E

18004923

NOTE: **THE HCHD DOES NOT WARRANT ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.**

NOTE: **AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.**

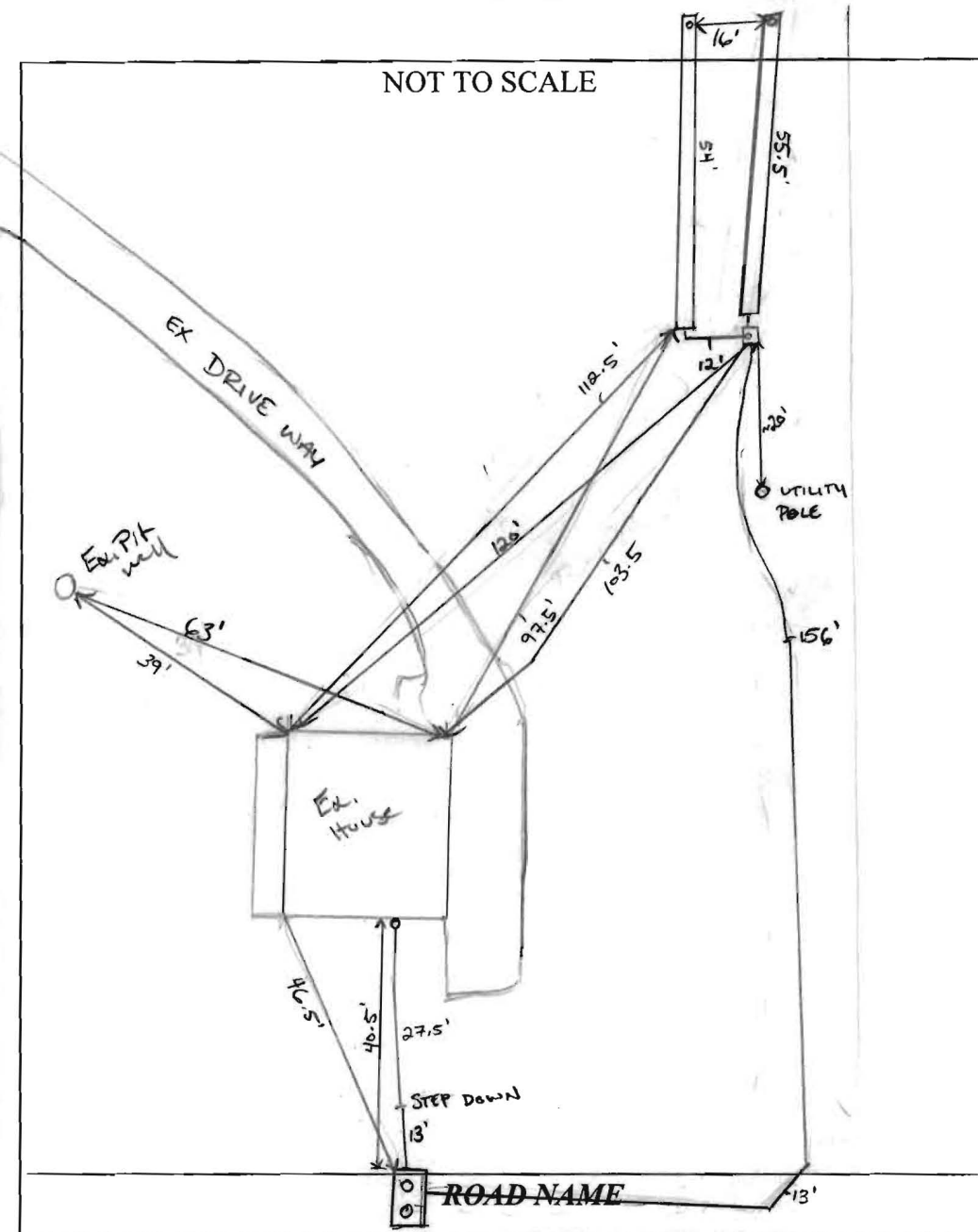
NOTE: **MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA**

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	2'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		109.5 ft
ABSORPTION AREA		328.5 ft ²
DISTRIBUTION BOX LEVEL		N/A
DISTRIBUTION BOX BAFFLE		INLET TURN DOWN
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL

MANUFACTURER MAYER CROS

CAPACITY 600 BNR GAL

SEAM LOC TOP

TANK LID DEPTH ~1.5'-2'

BAFFLES N/A

BAFFLE FILTER N/A

MANHOLE LOC FRONT/BACK/MID

6" PORT LOC N/A

WATERTIGHT TEST NONE

SLOTTED HOOT

DATE ON LID NONE

HOOT SYSTEM

PUMP/SEPTIC TANK LEVEL

MANUFACTURER _____

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER _____

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST _____

SLOTTED _____

DATE ON LID _____

PRE-CONSTRUCTION:

10/11/18 Met w/ installer onsite. Laid out markers for 2x54' trenches above perc B (upper most part of property). BAT unit to be set outside 100' ball oc. F.M. to run uphill along back side of property. Did not verify w/ host on pump type. Did mention electrical permit needs to be pulled. (KMS)

INSTALLATION:

10/12/2018 UPPER TRENCH UNDER CONSTRUCTION. (PM) UPPER TRENCH COMPLETE, CONSTRUCTING LOWER TRENCH. D BOX SET. 10/16/2018 INSPECTED D BOX AND FORCE MAIN THAT WAS INSTALLED (10/15/2018). OK TO BACKFILL. HOOT TANK SET AND SHC INSTALLED. REINSPECT P/A. (KMS) 10/19/2018 PUMP AND ALARM OK. C/O BY HOUSE MUST BE COVERED + CAPPED BEFORE FINAL. (KMS) 10/22/2018 C/O WAS CAPPED BY HOUSE (KMS) 10/25/18 start-up confirmation rec'd by BAT manufacturer. (KMS)

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

10/25/18



MAYER BROS., INC.

Precast Concrete Products
6264 Race Rd. Elkridge, MD 21075

Letter of Satisfaction Hoot System Installation

Address of Property: 449 Twin Arch Rd.
Mount Airy, MD. 21771

Date of Final Inspection: 10/19/18

Installer: Fogles Septic Clean

Hoot Technician/Inspector: Mike Sample

I hereby certify that the Hoot system installed at the property listed above has been installed according to proper Hoot installation practices. I have also verified the startup of the system and it is in proper working order.

Sincerely,

H. Michael Dwyer
Name of Inspector
Mayer Bros., Inc.

System not backfilled at This Time

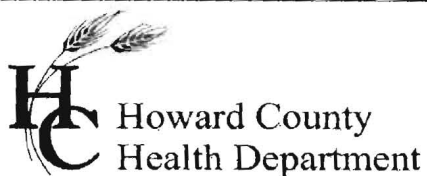
PH: 410-796-1434

WBE

FX: 410-796-1438

www.mayerbrosprecast.com

Grease Interceptors, Grease Solutions, Aerobic Treatment Units, Septic Tanks, Holding Tanks, Storm Water Structures, Hydroceptors,
Bench Barrier, Water Meter Vaults, Sectional Valve Vaults, Top Slabs, Curb Heads, Curb Bumpers,
Custom Precast Products

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

RECEIPT DATE: _____

ONSITE SEWAGE DISPOSAL SYSTEM

P _____

APPROVAL DATE: _____

PERMIT:**BRF REPAIR**

A 563047

PROPERTY ADDRESS: **449 Twin Arch Road**SUBDIVISION: **n/a**Parcel: **014**TAX ID: **321413**CONTRACTOR: **Fogle's Septic**EMAIL: **kurt@fogles.inc**CONTRACTOR ADDRESS: **580 Obrecht Road, Sykesville, MD 21784**PHONE: **410-795-5670**CONTRACTOR CERTIFIED FOR BAT INSTALLATION: ☒

MDE



MANUFACTURER:

HootPROPERTY OWNER: **Karen Ruano**EMAIL: **Gancedo08@yahoo.com**OWNER ADDRESS: **912 E. Watersville Road, Mt. Airy, MD 21771**PHONE: **240-882-6229**BAT UNIT MODEL: **HOOT BNR 600**

PUMP SIZE: _____

PUMP TANK CAPACITY: **750g**

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MINIMUM SPACE

BETWEEN TRENCHES: _____

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CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

Clerk of the Circuit Court for
Howard County
Land Records/Licensing

The Thomas Dorsey Building
9250 Bendix Road
Columbia, MD 21045
410-313-5850

=====

LR - Agreement Recording Fee		
	1x	20.00 20.00

Name: Ruano
Ref: 77

=====

LR - Agreement Surcharge		
	1x	40.00 40.00

=====

SubTotal:		60.00
Total:		60.00

=====

CRD-Credit		60.00
Credit Card Confirmation :	044539	
Other :	044539	

08/16/2018 15:46 CC13-DS
#10843134/1246/109
Thank you for visiting us today~

449 Twin Arch Rd

Mount Airy MD 21771

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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 15 day of August 18, among Karen Rwano, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 449 Twin Arch Rd Mt Airy MD 21771, in the 04 Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 0001, Block # , Parcel # 0014, Deed Reference # and Tax Account # 321413 ("the Property").
17889 - 00058

WHEREAS, The Property is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective November 24, 2016. The pre-treatment device being installed is

Norweco

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County.

B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.

C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.

D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.

E. This agreement shall run with the land and upon Owner's taking title to the Property shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as

the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Property that the system shall require maintenance or other attention. Upon taking title to the Property, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed this agreement on the date indicated above.

Bert Mylan 8/15/18
Howard County Health Department

[Signature] 8/15/18
Owner #1 Signature Date

Karen Ruano
Owner #1 Print Name

Owner#2 Signature Date

Owner #2 Print Name

Buyer #1 Signature Date

Buyer #1 Print Name

Buyer #2 Signature Date

Buyer #2 Print Name



CANAAN VALLEY INSTITUTE

August 13, 2018

Karen Ruano
449 Twin Arch Road
Mount Airy, MD 21771

RE: FY 2019 Howard County Bay Restoration Fund OSDS Upgrade Program

Dear Ms. Ruano:

Thank you for your application to participate in the Howard County Bay Restoration Fund OSDS Upgrade Program. The Howard County Health Department has verified that your existing septic system is failing and in need of repair. Based on your 2017 income tax return form, you are eligible to receive funding to cover **100%** of the cost to upgrade your system to one of the MDE approved BAT units listed below. The approved price includes the cost of the unit, installation of the unit, and 5 years of operation and maintenance. The price does not include the cost of permits.

<u>System</u>	<u>Vendor</u>	<u>Contact</u>	<u>Phone</u>
Norweco Singulair TNT	Back River Precast	Matt Geckle	410-833-3394
Biomicrobics	Dwayne C. Jones	Dwayne C. Jones	410-692-6900
HOOT	Mayer Bros, Inc.	Nancy Mayer	410-796-1434
Hydroaction	Sample Excavating	Mike Sample	443-807-8639
Orenco	Atlantic Solutions	Bob Johnson	877-814-8426
Septitech	Dwayne C. Jones	Dwayne C. Jones	410-692-6900
Aquaklear	BayStar Precast	Dave Care	410-977-3453

In order to receive your OSDS upgrade, **you MUST follow these steps:**

1. **Sign this letter** on the bottom of page 2 **and return it** in the envelope provided within **2 weeks of the date of this letter**.
2. File a septic repair permit application with the Howard County Health Department **within 2 weeks of the date of this letter**. The permit application fee is \$396.00 (\$165 for tank approval only).
3. Obtain the Agreement and Easement for Installation of Best Available Technology Systems with Bay Restoration Funds from the Howard County Health Department, have it signed by a Howard County Health Department Bureau Director or Designee. Then take it to the Circuit Court and have it recorded in Land Records **within 2 weeks of the date of this letter**.
4. Prepare your property and schedule installation of the system. The system must be installed **within 6 weeks of the date the Agreement and Easement is recorded**.

If assistance is needed in completing any of the steps listed above, you may contact me at 304-940-3443 or kristin.mielcarek@canaanvi.org.

10624 Appalachian Highway | Davis, WV 26260
Phone: (304) 259.4739
www.canaanvi.org

The system vendor may provide a contractor to install your BAT unit. CVI will provide payment directly to the vendor. The vendor may also require proof of insurance from your contractor.

If your system is not installed within the 8 week timeframe listed in the steps on page 1, the funds may be released and used elsewhere. If you cannot complete installation in within this timeframe, please contact me to request an extension. Please note that failure to request an extension may result in termination of your grant and your system must be installed no later than June 27, 2019 in order to retain your funding.

For more information on septic repair permitting, contact:

Jeff Williams
Program Supervisor, Well and Septic
410-313-1771

Please sign and return this original letter and keep a copy for your records. If you have any questions, please contact me at 304-940-3443 or by email at kristin.mielcarek@canaanvi.org.

Sincerely,

Kristin Mielcarek, Executive Director

I have read and agree to the conditions of this Agreement Letter.

Accepted by: Karen Ruano, Property Owner

Signature

Date

10624 Appalachian Highway | Davis, WV 26260
Phone: (304) 259.4739
www.canaanvi.org

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 - 04 Account Number - 321413			
Owner Information					
Owner Name:		RUANO KAREN		Use: RESIDENTIAL	
Mailing Address:		912 E WATERSVILLE RD MOUNT AIRY MD 21771-		Principal Residence: NO	
				Deed Reference: /17889/ 00058	
Location & Structure Information					
Premises Address:		449 TWIN ARCH RD MOUNT AIRY 21771-0000		Legal Description: .93 ACRE 449 TWIN ARCH RD OFF RT 40	
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:
0001	0018	0014		0000	
					Block:
					Lot:
					Assessment Year:
					2017
					Plat No:
					Plat Ref:
Special Tax Areas:		Town:		NONE	
		Ad Valorem:		100	
		Tax Class:		-	
Primary Structure Built		Above Grade Living Area		Finished Basement Area	
1947		699 SF		40,510 SF	
Stories	Basement	Type	Exterior	Full/Half Bath	Garage
1	YES	STANDARD UNIT	FRAME	1 full	
Last Major Renovation					
Value Information					
		Base Value	Value	Phase-in Assessments	
			As of	As of	As of
			01/01/2017	07/01/2017	07/01/2018
Land:		191,100	165,500		
Improvements		52,700	63,500		
Total:		243,800	229,000	229,000	229,000
Preferential Land:		0			0
Transfer Information					
Seller: BECHTEL MATTHEW J		Date: 10/27/2017		Price: \$90,000	
Type: ARMS LENGTH IMPROVED		Deed1: /17889/ 00058		Deed2:	
Seller: BECHTEL MATTHEW J		Date: 12/28/2000		Price: \$0	
Type: NON-ARMS LENGTH OTHER		Deed1: /05298/ 00476		Deed2:	
Seller: BECHTEL HOLLY C		Date: 08/04/1998		Price: \$0	
Type: NON-ARMS LENGTH OTHER		Deed1: /04382/ 00564		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: No Application					
Homeowners' Tax Credit Application Information					