

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: 6/30/15 **ONSITE SEWAGE DISPOSAL SYSTEM** P 556506
 APPROVAL DATE: 7/29/15 **PERMIT:** **REPAIR** A Repair
 PROPERTY ADDRESS: 12478 Indian Hill Drive
 SUBDIVISION: _____ LOT: _____ TAX ID: 04-312066
 CONTRACTOR: J.M. Contracting LLC. EMAIL: _____
 CONTRACTOR ADDRESS: 425 Obrecht Road, Sykesville, MD 21784 PHONE: 443-277-7526
 PROPERTY OWNER: Jorje Syris Pietri EMAIL: _____
 OWNER ADDRESS: 12478 Indian Hill Drive, Sykesville, MD 21784 PHONE: _____

SEPTIC TANK SIZE (GALLONS): Existing PUMP CHAMBER CAPACITY (GALLONS): N/A PUMP SIZE: N/A
 NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. — APPLICATION RATE: 0.8
 DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>150'</u>	INLET DEPTH: <u>4'</u>
	TRENCH WIDTH: <u>2'</u>	MAXIMUM BOTTOM DEPTH: <u>9.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>(As pointed in Field)</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6'</u>

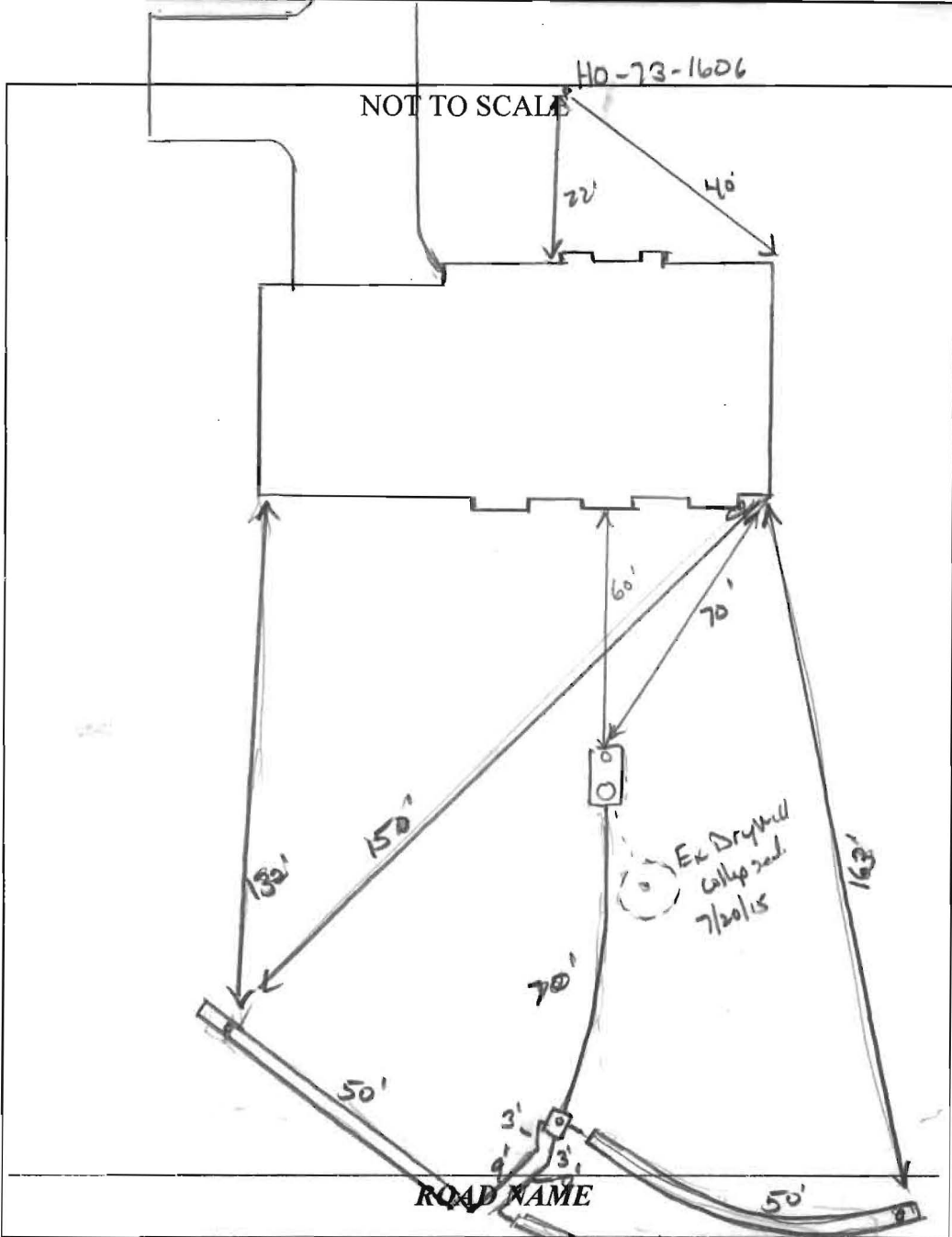
LOCATION: **TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.**

NOTES: Install 3 x 50' trenches on contour as staked in field @ time of perc testing. Pump/collapse ex. drywell.

ISSUED BY: K. Wolf ISSUE DATE: 7/14/15 EXPIRATION DATE: 7/14/16

- 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 _____
- 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: 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.**



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	9.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		150
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Yes (Plastic)
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	?
CAPACITY	1350? GAL
SEAM LOC	Top
TANK LID DEPTH	4'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Rear
6" PORT LOC	Front
WATERTIGHT TEST	OK
SLOTTED	No
DATE ON LID	N/A

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:

7/14/15 Area of replacement trenches sits on knoll. High side of knoll (perc A) showed less rock/caprock than perc B on lower end. Set new Dbox as shown just below ea system, install 3x50' trenches as staked out in field. Specs shown on permit. Call for f/v insp. (KW)

INSTALLATION:

7/20/15 System complete. Trenches installed per permit. Contractor had a new plastic Dist. box that self-hole. Did not conform w/ local code but ok'd @ this time. OK to cover all work (KW)

FINAL INSPECTOR J. Wall DATE OF APPROVAL 7/20/15



HOWARD COUNTY HEALTH DEPARTMENT

56506

DATE 6/30/15

AS

Received From

Jose Luis Lopez
Wilson Zayas Garcia

PHONE # _____

For

Porc. Hepatitis 12478 Tulean
Hill Rd.

CASH

CHECK

NO.

1158

Three hundred thirty _____ Dollars

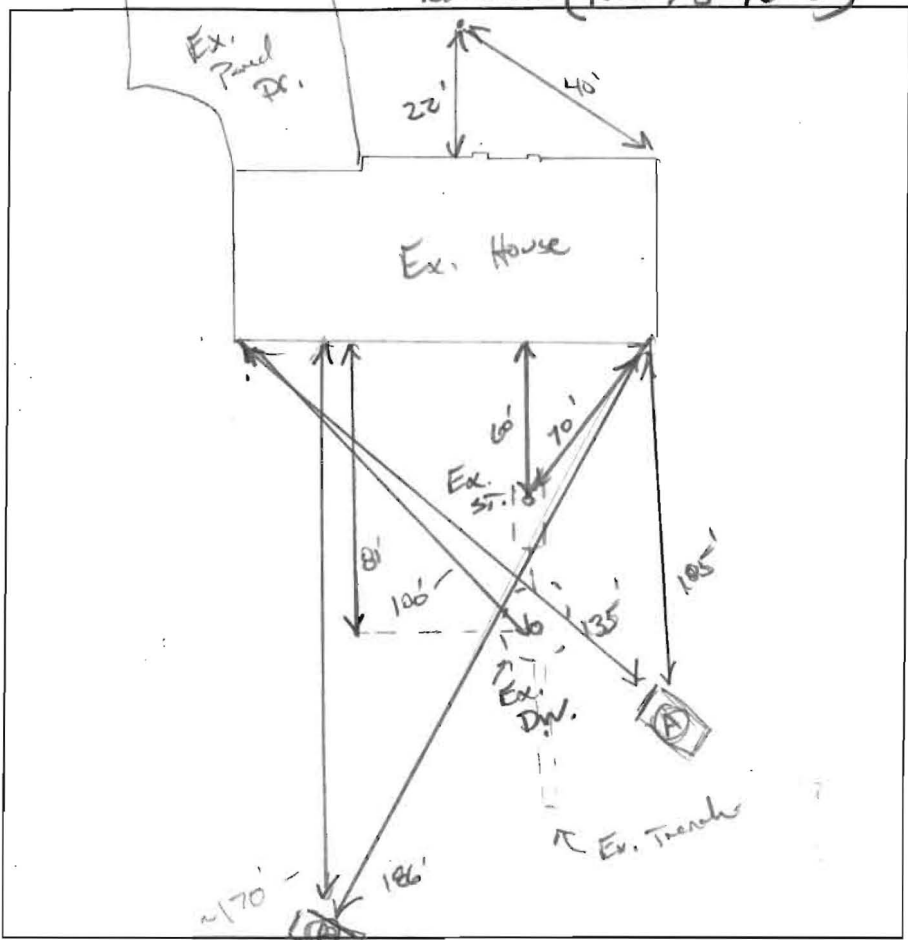
\$

330

Received By

[Signature]

Ex Well (HO-73-1606)



(A)

10"
2.5'
5'
7'
15'

OM, 2msbk
Drnk Br.
roots
Br/R L
wk m sbk
Frisble, cw.
roots, dy.
Dk Br/R L
Clayey,
50% rd Gravel
10% wk sbk
Br/R L,
micaceous,
5% slat chms.
wk platy
Frisble
11 Br/R/Y SL
Highly micaceous
↓
Dry Frisble

(B)

OM, wk sbk
roots
Br/R L
CW, m sbk
Frisble,
wk Br/R L
wk platy
Br/R/Y SL
10-15% sgralite
10% slat chms.
Br/R/Y FS
Highly micaceous
15% Sgralite

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/14/15	(A)	6' / 14"	00:05	00:14	00:25	11	(P)
	(B)	5' / 15"	00:21	00:26	00:31	5	(P)

REMARKS minimal clayey soils shallow to 4.5' Turn sandy below 5'

SANITARIAN K. Wolf BACKHOE Rennie Hopi OTHERS James Lopez
 TEST HOLES USED IN SDA 2 AVG. PERC TIME 8 SQ. FT/BR 0.8
 TRENCH WIDTH 2 INLET DEPTH 4' MAX. BOT DEPTH 9.5' EFFECTIVE SW 6 (.40)

$$4(150) = \frac{600}{0.8} = 750 \quad \frac{750}{2} = 375 \quad (.40) = 150 \text{ LF}$$



HOME LAND SEPTIC CONSULTING, LLC

p:443-995-5385 | info@mdwellandseptic.com | www.homelandseptic.com

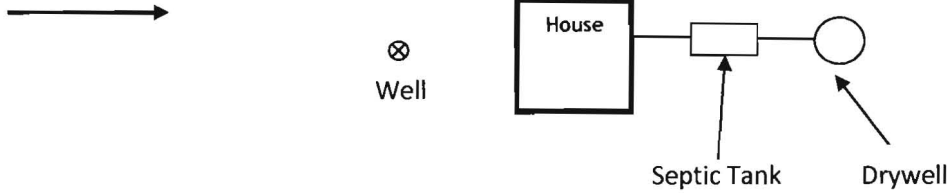
Date: 6/17/2015 Name of Evaluator: Dave Bancewicz Time: 11:45 AM Property Address: 12478 Indian Hill Drive Sykesville, MD 21784 Recent Weather Conditions: Normal		Ordered By: Scott Dunn Buyers: Dave & Nicole Huber Homeowner Interview: The homeowner interview was not received prior to the evaluation.		Occupied: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Length of Time Vacant: N/A # of People Living in Home: 1 # of People moving in: 4 Property Age: 1977 System Age: 1977 Last Date of Cleaning: Unknown Recomm'd Pumping Freq: 1-2 years	
Liquid level in tank is: <input type="checkbox"/> Above Normal <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Below Normal			Bottom Solids Depth: 12 inches		
Depth of tank: 42 Inches		Type of Tank Access: Cleanout		Depth of tank access: At Grade	
Maintenance appears: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor			Depth to Distribution Box: N/A		
Effluent Filter present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Previous high liquid level: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Distance to well: ~100 Feet	
Records Search: Records were requested but were not received prior to the evaluation					
Were there any impermeable surfaces above the septic system (i.e. driveway)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Type of Tank		Tank Composition and Size		Type of Absorption System	
<input checked="" type="checkbox"/> Septic Tank <input type="checkbox"/> Aeration System <input type="checkbox"/> Other:		<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Plastic Tank Size: 1,500 Gallons		<input type="checkbox"/> Leaching Field <input type="checkbox"/> Raised Mound <input checked="" type="checkbox"/> Drywell (Number of: 1) <input type="checkbox"/> Cesspool <input type="checkbox"/> Unknown: _____	
System Component		Condition		Comments	
Septic Tank		<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation		The septic tank is composed of concrete and is 1,500 gallons in capacity. Access at grade is a 6 inch cast iron cleanout. The septic tank is 42 inches below grade. Both baffles are in place and are composed of terracotta. There are 12 inches of solids in the tank. It is recommended that a riser be installed to facilitate proper maintenance of the system.	
Pump Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable			
Absorption System		<input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation		One drywell was located during the evaluation. The drywell has access at grade, is 8 feet deep, and is at capacity. The outside was probed and was found to be saturated with signs of biomat. There was no evidence of any drainfields coming off of the drywell. As water was introduced, the septic tank began to back up. The absorption area should be replaced by a licensed septic contractor after a permit is pulled from the local health department.	

*Trench off Drywell also
Faked.*



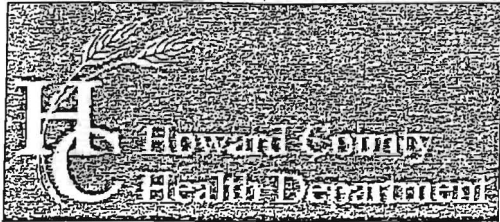
Sketch of System

Front of the House



- **This report does not WARRANT nor GUARANTEE** continued functional Sewage Disposal Systems operations.
- If the entire distribution box is not within 12" of grade it is considered not accessible for the purposes of this evaluation and therefore will not be excavated. Distribution boxes will only be excavated when the necessary information can otherwise not be gathered.
- This is an inspection for an onsite sewage disposal system; also known as a septic system. If the property has a straight pipe exiting effluent above or just below grade, our testing procedures may not be able to determine this. We rely on homeowner's disclosures to notify us of such unpermitted alterations.
- This is a subjective and visual inspection only, based upon many unknown and unseen factors.
- An 'Acceptable' evaluation does not mean the system will meet the local approving authority's criteria for determining compliance with state code: COMAR 26.04.02.02 D(4).
- The condition of the Sewage Disposal System is reported as and only as the day of the inspection.
- If house has been unoccupied this report may not be accurate. Little or no use of the septic system could have allowed problems to temporarily clear themselves.
- If the general ground condition is wet, this report may not be accurate, as ground moisture may cover or hide actual septic effluent on the service. In this case, it is recommended that the septic system be reevaluated in 2 to 4 months.
- Payment and/or use of this evaluation signifies understanding and acceptances of the above clauses, as well as any noted faults with the system.

Representative's Signature:		Date: 6/17/2015
Amount: \$645 (All Testing)	Check Number: Credit Card	Date Paid: 6/17/2015



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Twitter: HowardCoHealthDep

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

INFORMATION FORM - SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- Failing System
System relocation for proposed addition
System upgrade for proposed addition
Inadequate treatment zone
Collapsed septic tank
Collapsed drywell

Has the septic tank been pumped within the last month?

- Yes Date pumped: 6-27/15
No

Was a visual inspection of the septic tank and/or drain fields conducted?

- Yes Explain observations: Everything over full
No

Existing system design

- Drywell
Trench
Mound
Unknown
Other:

Was a visual inspection of the sewage line conducted?

- Yes
Blockage leading to the tank
Yes Explain:
No

Blockage leading to the field

- Yes Explain:
No

Is discharge surfacing on the ground?

- Yes
No

No

Additional Comments:

*For REPAIRS, are the owners proposing, or do they plan to add in the future, any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application. The Health Department will not be able to accommodate requests in the field for property modifications unrelated to the repair request. Such requests may require an additional fee, testing, and submittal of a Percolation Certification Plan, if the property does not meet current Code and Regulation.

Septic Contractor: Ronnie Neaps Contractor's Phone: 443-277-7526

Contractor's Address: 425 Oberlin Rd Sykesville MD 21784

Property Address: 12478 Indian Hill Dr County file:

Subdivision: Lot: Year Built:

Owner's Name: Jorge Syris Pietri Owner's Phone:

Name of previous owners: Existing bedrooms: 4 Proposed bedrooms:

Has this request been previously discussed with a Sanitarian? (Name): NO

Public Sewer available/nearby:

*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

Prior to scheduling inspections, scaled plans should be submitted to clarify the nature of the addition.

Print out a copy of Real Property Data via Dept. of Taxation website Indexed file found

If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.

If sewer is available and the property is within the Metropolitan District, connection to sewer is required: If the owner believes reason for exemption exists, the owner should justify the request in writing.

If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.

No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency situation exists. The contractor is to notify office of the emergency situation as soon as possible.