



Howard County  
Health Department

Bureau of Environmental Health  
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website: www.hchealth.org

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

RECEIPT DATE: 11/14/2014

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 545189

INSTALLATION

APPROVAL

DATE: 10/1/14 *(Kma)*

**PERMIT**

**REPAIR**

\*A Repair

PROPERTY ADDRESS: 3125 W. Ivory Road

SUBDIVISION: \_\_\_\_\_

LOT: \_\_\_\_\_

TAX ID: 03-295958

CONTRACTOR: South Carroll Backhoe

EMAIL: scbackhoe@comcast.net

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157

PHONE: 410-596-3618

PROPERTY OWNER: John Shmorhun

EMAIL: \_\_\_\_\_

OWNER ADDRESS: 3125 W. Ivory Rd.

PHONE: 757-746-3454

SEPTIC TANK SIZE (GALLONS): N/a

PUMP CHAMBER CAPACITY (GALLONS): 1500

STATIC HEAD (FEET): Aprx. 35'

NUMBER OF BEDROOMS: 4

HOUSE SQ. FT. N/a

APPLICATION

RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

*1/2 HP Grouches*

TRENCHES:	LINEAR FEET REQUIRED: <u>120'</u>	INLET DEPTH: <u>18"</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>5.5'-6'</u>
	MINIMUM SPACE BETWEEN TRENCHES: _____	EFFECTIVE AREA BEGINNING DEPTH: <u>3'</u>
LOCATION:	Set new 1500 pump tank 100' from ex. well. Trenches to be located on north side of house, uphill. Tentative layout given during perc repair. Full layout to be given during pre-construction meeting.	
NOTES:	Installation of 2x60' trenches to be laid out during inspection. Follow contour within 3-4". Must use laser/transit while installing trenches. Ex. failed trenches to be abandoned. Obs. ports must be installed at trench ends.	

ISSUED BY: K. Wolf

ISSUE DATE: 3-6-2014

EXPIRATION DATE: 3-6-2015

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 DOWNGRADIENT 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

**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

See Separate Sheet  
for As-Built

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2	18"	6'
NUMBER OF TRENCHES 2		
TOTAL LENGTH 120'		
ABSORPTION AREA 240' x 5m		
DISTRIBUTION BOX LEVEL Yes		
DISTRIBUTION BOX BAFFLE 90° bend		
DISTRIBUTION BOX PORT Yes		

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL Yes	
MANUFACTURER ?	
CAPACITY	1500 GAL
SEAM LOC	mid
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	OK
SLOTTED	no
DATE ON LID	—

**PUMP/SEPTIC TANK LEVEL Yes**

MANUFACTURER Babylon	
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
BAFFLES	Front
BAFFLE FILTER	no
MANHOLE LOC	Front/Rear
6" PORT LOC	none
WATERTIGHT TEST	—
SLOTTED	no
DATE ON LID	7-7-14

**PRE-CONSTRUCTION:**

8/28/14 OK to set pump tank just below existing Septic Tank. Must stay 100' from existing well. Upper area where trenches to be located overgrown. No layout given on trenches clear one as elevations can be re-shot. (Kw)

**INSTALLATION:** 9/5/14 Set elevations in upper North part of property just inside corn field. Install 2x 60' trenches as laid out in fields. Keep 10' separation. Pump tank set 7-100' from ea well.

2" F.M. install started to go. side of house (Kw) 9/17/14 Trenches complete. small patch of rock encountered @ 10' into both trenches 1'-3' depth. after use soil in trenches consistent w/ percol. F.M. installed Pump set. Need connection from ex. tanks to pump tank and p/d tank (Kw) 10/1/14 Connection made from S.T. to pump tank. Pump/Alarm successful.

FINAL INSPECTOR

*J. Waff*

DATE OF APPROVAL

10/1/14





