

# Town of Charlestown - Point of Sale / Functional Conventional OWTS Inspection



TOWN OF CHARLESTOWN

Date of inspection: \_\_\_/\_\_\_/\_\_\_

## PROPERTY INFORMATION:

Owner: \_\_\_\_\_  
Renter's name: \_\_\_\_\_  
AP \_\_\_\_\_; Lot# \_\_\_\_\_  
Street address \_\_\_\_\_  
Town \_\_\_\_\_; Phone #(s) : \_\_\_\_\_  
OWTS application \_\_\_\_\_; new construction \_\_\_; alteration \_\_\_; repair \_\_\_  
Was there an addition to the system? \_\_\_; Comment: \_\_\_\_\_  
\_\_\_\_\_

Age of system: \_\_\_ yrs; Last inspection date \_\_\_\_\_ Last pump-out date \_\_\_\_\_

Water supply: \_\_\_ private well; \_\_\_ shared well; \_\_\_ public water system

## PROPERTY USAGE:

#Bedrooms (total) \_\_\_ # of people/ages: \_\_\_ / \_\_\_\_\_  
#Apartments \_\_\_; # kitchens \_\_\_; comments \_\_\_\_\_

Year round occupancy \_\_\_; Seasonal occupancy \_\_\_; Day care \_\_\_; Home office \_\_\_  
Rental home \_\_\_; Other home business/comment: \_\_\_\_\_

#of washing machines \_\_\_; # garbage disposals \_\_\_; # dishwashers \_\_\_:  
Water softener \_\_\_; Wirlpool/jacuzzi \_\_\_;

## TYPE OF SYSTEM: CHECK ALL THAT APPLY:

Conventional \_\_\_; cesspool \_\_\_; alternative \_\_\_; other: \_\_\_\_\_

Tank volume \_\_\_\_\_ (gals); concrete \_\_\_; metal \_\_\_; plastic \_\_\_; other: \_\_\_\_\_;  
effluent screen \_\_\_; inlet tee \_\_\_, type: \_\_\_\_\_; outlet tee \_\_\_, type: \_\_\_\_\_;  
baffles in place \_\_\_; access to cover: safe/secure \_\_\_\_\_

Effluent pump \_\_\_; (if yes): located in: septic tank: \_\_\_; pump tank: \_\_\_

Type of soil treatment area (STA): trench \_\_\_; deep chamber \_\_\_; shallow chamber \_\_\_;  
bed \_\_\_; other/comment: \_\_\_\_\_

## OWTS OBSERVATIONS:

Operating level of tank: \_\_\_\_\_ inches; Operating level of cesspool: \_\_\_\_\_ inches;  
Is liquid level at the operating level? \_\_\_, (if no): above/below \_\_\_\_\_ inches;

Evidence of effluent rising above top of outlet tee? \_\_\_\_\_  
comment: \_\_\_\_\_

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Sludge \_\_\_\_\_ inches; scum \_\_\_\_\_ inches; clear layer \_\_\_\_\_ inches

Sludge distance to bottom of outlet tee \_\_\_\_\_ inches

Scum distance to bottom of outlet tee \_\_\_\_\_ inches

Cesspools: Is there water standing within 6" of inlet invert? \_\_\_; Is pumping required more than twice a year? \_\_\_; Does groundwater seep into it (at pumpout)? Does it serve multifamilies? \_\_\_

Flow test performed? \_\_\_; Design flow? \_\_\_\_\_ gal/day

\_\_\_\_\_ gallons of water were introduced to the outlet of the septic tank in \_\_\_\_\_ minutes;

Tank level rose \_\_\_\_\_ inches at the conclusion of the test; Tank level took \_\_\_\_\_ minutes to get back to its original depth; Flow test results indicate \_\_\_\_\_

Pump-out done at this time? \_\_\_; (if yes): company \_\_\_\_\_

Evidence of structural damage \_\_\_; (if yes): comment: \_\_\_\_\_

Evidence of an overflow \_\_\_; (if yes): comment: \_\_\_\_\_

Is a second STA, or other tank outlet present \_\_\_; (if yes): comment: \_\_\_\_\_

Was flowage seen or heard coming into the inlet end of tank? \_\_\_

Was flowage seen or heard draining back to the outlet of the tank? \_\_\_; (if yes): how much (estimate): \_\_\_\_\_ gallons

Was distribution box or STA investigated at this time? \_\_\_; comment: \_\_\_\_\_

**SITE SKETCH:** House location, septic components, well, street, approximate north arrow. Show swingties to all components.

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**FLOW TRIAL (75 gal/bedroom @ 5-10 gpm with less than 2” rise in tank liquid level):**

Preliminary evaluation indicates that a flow trial should be performed at the septic tank outlet for any of the following reasons or at the discretion of the inspector:

Excessive amount of total solids \_\_\_\_; too small an amount of total solids \_\_\_\_; structural damage \_\_\_\_; Evidence of liquid level above invert of outlet \_\_\_\_; other: \_\_\_\_\_

Flow trial comments: \_\_\_\_\_

**SITE OBSERVATIONS:** (Check all that apply, within the boundaries of the OWTS)

Impermeable surfaces such as concrete, asphalt or brick \_\_\_\_; burnt grass \_\_\_\_; ground staining \_\_\_\_; lush green grass \_\_\_\_; spongy areas \_\_\_\_; septic odors, ponding or wastewater breakout: \_\_\_\_; Trees / woody shrubs \_\_\_\_

Heavy items/ vehicle tracks \_\_\_\_; soil erosion \_\_\_\_; cave ins \_\_\_\_; exposed component \_\_\_\_

Storm water, sump pumps, foundation drains, or roof runoff flows into OWTS \_\_\_\_; comment: \_\_\_\_\_

**RESULTS AND RECOMMENDATIONS:** The inspection process revealed one or more of the following, check all that apply.

Septic tank functions properly \_\_\_\_; STA functions properly \_\_\_\_  
Septic tank is substandard \_\_\_\_; STA is substandard \_\_\_\_  
Structural damage to septic tank \_\_\_\_; damaged baffles \_\_\_\_; leaky access riser/cover \_\_\_\_

If Cesspool – Required Phase-out Deadline: \_\_\_\_\_

The OWTS has excessive drainback flow to septic tank \_\_\_\_; OWTS has failed \_\_\_\_  
Contact Charlestown WW Management Office 364-5030 and photodocument failure criteria

Further evaluation by a repair professional is recommended \_\_\_\_

Further evaluation by a plumber is recommended \_\_\_\_

Other comments/recommendations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PUMP-OUT SCHEDULES:**

Site risk: high/low/moderate;  
Next maintenance inspection date: \_\_\_\_/\_\_\_\_/\_\_\_\_\_  
Next pump-out date: \_\_\_\_/\_\_\_\_/\_\_\_\_\_; Or to be determined at next inspection \_\_\_\_  
Comment: \_\_\_\_\_

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This inspection report indicates the present condition of the system based on recommended inspection procedures but is in no way a guarantee or warranty of future performance. The inspection report excludes and does not intend to cover components that are concealed or were not observed.

Inspector's name: \_\_\_\_\_; Company: \_\_\_\_\_

Inspector's signature: \_\_\_\_\_