

Inspection

New – Individual On-site Wastewater Disposal System

This checklist is a general guide only. It does not cover all system details and aspects of the inspection. It is the Environmentalist’s responsibility to ensure that the Certified Installer is installing the system according to the Law (Chapter 67) and regulations of the Department.

Certified Installer: _____ Property Address: _____

Treatment: ☐ Septic Tank (_____ gallons) ☐ Advanced Treatment System (_____ gpd) Disposal: _____

Septic Tank ID #/ATS Serial #: _____ Septic Tank/ATS Mfg: _____ ATS model: _____

Step 1: ☒ Denotes FAILED inspection (Document Corrections in Environmentalist Notes section)	
Treatment ☐ Correct setbacks met (water, foundation, prop lines, etc.) ☐ Appropriately sized (based on flow rate) ☐ Tank located in an unobstructed area (driveway, bldg, etc.) ☐ Tank is watertight, structurally sound and free of pits and voids ☐ Inlet & Outlet 4 inch Sch 40 pipe onto undisturbed earth for 3 ft ☐ All openings are sealed with approved sealant ☐ Installed level ☐ System appropriately identified (Septic Tank ID/ATS serial number) ☐ Steel tank has complete undamaged UL-70 coating ☐ Inlet baffle/tee extends minimum 6” below water level (ST) ☐ Outlet baffle/tee extends minimum 18” below water level (ST) ☐ Effluent filter accessible in outlet manhole, if applicable (ST) ☐ Aerator is appropriate for ATS model (ATS) ☐ Aerator is functioning properly (ATS) ☐ High water alarm is functioning properly (ATS) ☐ Other: _____ Disinfection ☐ Minimum of (3) wastewater grade chlorine tablets in feeder tube ☐ Feeder tube correctly constructed to allow effluent to contact chlorine ☐ Ozone, Ultra-violet or Liquid Chlorine device operable ☐ Other: _____ Pumps and Pump Chambers ☐ Min. 400 gallon pump tank for <i>Conventional System</i> ☐ Appropriately sized for recommended disposal system ☐ High Water Alarm ☐ Ground level access (riser) ☐ Vented (1 inch min.) ☐ Properly sealed and secured ☐ Suction and pressure line are Sch 40 PVC ☐ Other: _____ Drip Irrigation ☐ Drip tubing must be placed on contour, if applicable ☐ Filter must be installed and appropriate for flow rate ☐ Filter must be accessible for inspection ☐ One (1) Vacuum breaker for each drip field zone ☐ Air vent must be located at the highest point ☐ Correct linear footage is installed per recommendation ☐ Drip lines have minimum lateral separation of 2 feet ☐ Correct amount of fill material installed, if required ☐ Manifold installed min. of 4” above drip tubing or water break ☐ Other: _____ Elevated Sand Mound ☐ Correct setbacks met (home, property lines, water, etc.) ☐ Organic material removed prior to fill material placement ☐ Basal area constructed of sandy loam or lighter ☐ Pressure network has appropriately sized orifices and spacing ☐ Correct perforated pipe/network & absorption area fed from center ☐ Correct basal area square footage ☐ Correct absorption area square footage ☐ Side slopes not steeper than 3:1 ☐ Basal area is 4 times longer than is wide and at correct depth ☐ Capping is properly constructed ☐ Other: _____	Underground (A=Aggregate/AR=Aggregate Replacement) ☐ Correct setbacks met (trees, home, property lines, etc.) ☐ Location is free of depressed areas and surface water drainage ☐ Absorption area appropriately sized ☐ Trench length and width is correct ☐ Trench or bed at recommended depth ☐ Minimum of 12 inches of cover over disposal area ☐ Minimum 6 feet between trench walls ☐ Excavated soil is not smeared or compacted ☐ Bottom of trench or bed correctly sloped ☐ Covering is used as required (paper, straw, geotextile cloth, etc.) ☐ Crossover constructed correctly ☐ Distribution box (D-box) level and lines correctly installed ☐ Minimum 1 inch fall from bottom of outlet to top of product ☐ Filter wrap must overlap the joints and seal appropriately ☐ End caps utilized on ends of aggregate replacement pipes (AR) ☐ Linear footage in bed same as required in trench (AR) ☐ Lines shall be placed 3 to 6 feet apart in bed (AR) ☐ Media clean and appropriately sized (A) ☐ Lines 3 to 6 ft apart and not greater than 3 ft from sidewall (A) ☐ 12 inches of aggregate/tire chips total in trench ☐ Other: _____ Spray Irrigation ☐ Correct setbacks met (home, property lines, water, etc.) ☐ All components are wastewater grade ☐ Sprinklers are low trajectory (30 degrees or less) ☐ Spray field correctly sized (verified by system operation) ☐ Sprinkler on polyethylene (PE) pipe, swing joint ☐ Equipment protected from freezing ☐ Correct amount of fill material installed, if required ☐ Minimum of 3 wastewater grade spray heads are used ☐ Suction and pressure line are Sch 40 PVC ☐ Other: _____ Overland Discharge ☐ Correct setbacks met (home, property lines, water, etc.) ☐ End of discharge pipe is recommended distance from property lines ☐ Minimum 3” Sch 40 pipe used for entire discharge line ☐ If used, multi-point discharge correctly constructed ☐ Multi-point located so that effluent does not become single point ☐ Minimum 1% slope on site ☐ Discharge located in an area which prevents effluent pooling ☐ Other: _____ Private Well (if applicable) ☐ Well drilled at time of inspection ☐ Well is minimum 50 ft from tank(s) and 100 ft from disposal area ☐ Well is upslope from system, or is properly protected Environmentalist’s Notes _____ _____ _____ _____ _____ _____

Step 2: The Individual On-site Wastewater Disposal System has:

☐ PASSED Inspection
NOTE: **This form is NOT a Final Approval.** Final Approval (Form 910 E) will be generated once the Mississippi State Department of Health receives: **1)** Final Approval fee **2)** Affidavit of Installation from Certified Installer **3)** Affidavit of Maintenance (Advanced Treatment System only)

☐ FAILED Inspection
NOTE: **Re-inspection is scheduled for (date/time):** _____
A re-inspection fee must be received by the Mississippi State Department of Health prior to re-inspection date.

Environmentalist: _____ Date: _____

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PURPOSE

To document the Inspection of an Installer.
This documentation is not intended to be photocopied and released to the Applicant.

INSTRUCTIONS

The Environmentalist will fill out the spaces provided at the top of the page to indicate who and what the Inspection is for.

Step 1

1. Place a check mark in any applicable portion of the Step 1 box for any failing offense.

Step 2

2. Check the appropriate box based on the results of Step 1. Explain what happens next to the Installer based on those results.

Signature

3. Sign and date.

OFFICE MECHANICS AND FILING

The Environmentalist verifies this document and all other necessary forms have been submitted to the Division, then generates a Final Approval.

RETENTION PERIOD

The Division of On-site Wastewater will retain the Inspection for 3 years or until audited.