**MARION COUNTY ENVIRONMENTAL HEALTH DEPARTMENT**

**PRIVATE SEWAGE SYSTEM INSPECTION REPORT**

**SUBSURFACE SOIL ABSORPTION - LATERALS**

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| GENERAL INFORMATION | | |
| Owner: | Contractor: | |
| Address: | Inspector: | |
| Inspection Date: | Approved | Disapproved |

S = Satisfactory U = Unsatisfactory NA = Not Applicable

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| S U NA | SITE PREPARATION | |  |
| Sewer Permit | | No: | |
| Percolation/Soil Test | | No: | |
| System Exposed for Inspection | |  | |

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| S U NA | SETBACKS | |  |
| Minimum Setbacks to Closed / Open Portions of Septic System: | | | |
| Private Water Well | | 50’ / 100’ | |
| Shallow Public Water Well | | 200’ / 400’ | |
| Deep Public Water Well | | 100’ / 200’ | |
| Heat Pump Borehole | | 50’ / 100’ | |
| Lake or Reservoir | | 50’ / 100’ | |
| Stream or Pond | | 25’ / 25’ | |
| Edge of Drainage Ditch | | 10’ / 10’ | |
| Dwelling or Other Structure | | 10’ / 10’ | |
| Property Lines | | 10’ / 10’ (Unless an easement is signed and recorded.) | |
| Other Subsurface Treatment Systems | | 5’ / 10’ | |
| Water Line under Pressure | | 10’ / 10’ | |
| Suction Water Line | | 50’ / 100’ | |
| Foundation Drain or Subsurface Tiles | | 10’ / 10’ | |

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| S U NA | SEWER PIPE FROM BUILDING TO PRIMARY TREATMENT | |  |
| Min. Setback to Wells | | Private Wells 10’ / Public Wells 25’ | |
| Material | | Sch. 40 Plastic Pipe (or SDR 26 or Stronger) or Cast Iron | |
| Cleanouts | | At building, every 100’, and each change of direction > 45°. | |

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| S U NA | | PRIMARY TREATMENT – SEPTIC TANK | | | |  | |
| Gallon Capacity | 1000 | | 1250 | 1500 | 2000 | | Other: |
| Watertight Material | Concrete | | | Fiberglass | | | Plastic (ribbed const) |
| Manufacturer |  | | | | | | |
| Compartments | At least 2 compartments or 2 tanks in series. | | | | | | |
| Influent Compartment | 1/2 to 2/3 of total tank capacity. | | | | | | |
| Effluent Compartment | 1/3 to 1/2 of total tank capacity. | | | | | | |
| Inlet | 2” to 4” higher than outlet. | | | | | | |
| Baffles | 4” Diameter schedule 40 plastic tees. | | | | | | |
| Effluent Screen | Meets NSF Standard 46 or equivalent. | | | | | | |
| Watertight Risers | Min. 18” diameter at or above ground surface. | | | | | | |
| Inlet/Outlet Connections | Self-sealing gaskets formed or cast into tank material. | | | | | | |
| Schedule 40 Pipe | At least 5’ past outlet and 2’ past disturbed ground. | | | | | | |

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| S U NA | | DISTRIBUTION BOX |  |
| Placement | Placed on undisturbed soil. | | |
| Material | Corrosion-resistant rigid plastic. | | |
| Baffle | Pipe tee or baffle at inlet. | | |
| Outlet Heights | Outlets at same level and min. 4” above bottom of box. | | |
| Levelers | Outlets equipped with leveling device for equal flow. | | |
| Unused Outlets | Securely closed. | | |
| Header Pipes | Rigid PVC (ASTM Standard 2729 or stronger). | | |

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| S U NA | | DOSING SYSTEMS | | |  |
| Type | Pump | | Siphon | Other: | |
| Watertight Pit | At least 24” in diameter. | | | | |
| Watertight Riser | With tight-fitting cover at or above ground level. | | | | |
| Pump | Submersible pump of corrosion-resistant material. | | | | |
| Pressure Line Size | Not smaller than outlet of pump it serves. | | | | |
| Pressure Line Drainage | Drains between dosing or buried below frost level. | | | | |
| High Water Alarm | Visual or audio alarm to alert of high water in pit. | | | | |
| Electrical Connections | No connections located inside pump pit. | | | | |

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| S U NA | | LATERALS | | |  |
| Material | Chamber | | Tile | Other: | |
| Trench Width | 24” | | 36” | Other: | |
| Total Length | Required:       ft | | | Installed:       ft | |
| No. of Lines | Trenches installed at equal lengths. | | | | |
| Spacing | 6’ Min. between trenches. | | | | |
| Depth | Max. trench depth of       inches. (See perc/soil test) | | | | |
| Soil Cover | 6” Min. soil cover over laterals. | | | | |
| Confining Layer | 3’ Min. separation between confining layer and trench bottom. | | | | |
| Perc/Soil Test | Lateral field installed in perc/soil test area. | | | | |
| Water Discharge | No sump, roof, foundation, or storm drains discharging into or upon field. | | | | |
| Distribution Pipe | 4” Ridged PVC pipe or approved alternative. | | | | |
| Aggregate Material | Min. 6” approved aggregate below and enough to cover pipe. | | | | |
| Separation Material | Material laid to separate aggregate from soil. | | | | |
| Other Construction | No construction of any kind over system. | | | | |

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| Additional Comments: |

This report indicates the condition of the installed private sewage system at the time of inspection and does not guarantee the future condition or proper function of the system. To the best of my knowledge, all of the listed local and state ordinances have been adhered to.

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Inspector Date