

Northeast Tri County Health District –Minimum Design Submittal Information

Use this checklist to ensure that all items are completed prior to design submittal, otherwise the design will be returned for corrections. For systems other than gravity flow, see the applicable standard and guidance document for additional submittal requirements.

<p>General Information</p> <ul style="list-style-type: none"> <input type="checkbox"/> Name/address of property owner <input type="checkbox"/> Name/address of applicant <input type="checkbox"/> Property legal description <input type="checkbox"/> Parcel number <input type="checkbox"/> Parcel size <p>General System Information</p> <ul style="list-style-type: none"> <input type="checkbox"/> Type of system (new, repair, replacement, expansion, alteration) <input type="checkbox"/> Source(s) of sewage (residence, shop, RV connection, etc.) <input type="checkbox"/> Design flow/number of bedrooms <input type="checkbox"/> Soil type and application rate <p>Water Supply Information</p> <ul style="list-style-type: none"> <input type="checkbox"/> Drinking water source (private well, two-connection well, public system) <input type="checkbox"/> If public system, name of water system <p>Piping Information</p> <ul style="list-style-type: none"> <input type="checkbox"/> Specific type of pipe used <input type="checkbox"/> Diameter <p>Septic Tank Information</p> <ul style="list-style-type: none"> <input type="checkbox"/> Capacity <input type="checkbox"/> Specification sheet from manufacturer <input type="checkbox"/> Riser (if used) specifications <input type="checkbox"/> Effluent filter (if used) specifications <p>D-Box Information (if used)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Schematic drawing <input type="checkbox"/> Specification sheet for riser to surface <input type="checkbox"/> Leveling devices <input type="checkbox"/> Concrete pad dimensions <p>Drainfield Information</p> <ul style="list-style-type: none"> <input type="checkbox"/> Overall length <input type="checkbox"/> Drainrock specification <input type="checkbox"/> Filter fabric specification <input type="checkbox"/> If gravelless type used, specification sheet 	<p>Detailed and Dimensional Site Plan (draw to scale or show distances)</p> <ul style="list-style-type: none"> <input type="checkbox"/> North arrow <input type="checkbox"/> Property lines and dimensions <input type="checkbox"/> General topography showing site drainage characteristics <input type="checkbox"/> Buildings (existing and proposed) <input type="checkbox"/> Roads/driveways/parking <input type="checkbox"/> Easements (road, utility, etc.) <input type="checkbox"/> Any filled or excavated areas <input type="checkbox"/> Any cut banks greater than 5' located down-gradient of drainfield <input type="checkbox"/> Surface water, including seasonal streams, wetlands, creeks, and irrigation ditches <input type="checkbox"/> Drinking water (existing or proposed) sources located on property or within 100' of property <input type="checkbox"/> Water line locations (existing or proposed) including irrigation lines <input type="checkbox"/> Location of septic tank <input type="checkbox"/> Location of d-box <input type="checkbox"/> Location of existing/proposed drainfield and replacement area <input type="checkbox"/> Location and identification of soil test holes <input type="checkbox"/> Elevations (assume 100' at house location) <ul style="list-style-type: none"> <input type="checkbox"/> House <input type="checkbox"/> Septic tank lids <input type="checkbox"/> Drainfield-show surface elevations at beginning and end of each lateral <input type="checkbox"/> If a reduced size drainfield is installed using gravelless chambers, show 100% of required area for both initial and replacement drainfield area <p style="margin-top: 20px;">Note: Primary and Reserve areas are to be two distinct areas and meet minimum setback requirements.</p>	<p>System Layout</p> <ul style="list-style-type: none"> <input type="checkbox"/> Length, slope, angles of building sewer line (between house and septic tank) <input type="checkbox"/> Cleanouts, if used <input type="checkbox"/> Septic tank location <input type="checkbox"/> Marker showing tank location, if access below finished grade (6" max.) <input type="checkbox"/> Length, slope, angles of tightline <input type="checkbox"/> Lines encased under driveways/roads (if applicable) <input type="checkbox"/> Location of d-box, if used <input type="checkbox"/> Water/sewer line crossing detail <input type="checkbox"/> Initial and replacement drainfield trench/bed dimensions <input type="checkbox"/> Critical distances within drainfield layout <input type="checkbox"/> Indication of trench/bed levelness <input type="checkbox"/> Observation ports, if used <p>Cross Section</p> <ul style="list-style-type: none"> <input type="checkbox"/> Septic tank drawing showing depth of cover and risers to surface, if used <input type="checkbox"/> D-box schematic drawing, showing riser to surface <input type="checkbox"/> Drainfield trench/bed <ul style="list-style-type: none"> <input type="checkbox"/> Shallowest and deepest portions <input type="checkbox"/> Depth of cover <input type="checkbox"/> Depth of gravel below and above distribution piping <input type="checkbox"/> Vertical separation to groundwater or restrictive layer <input type="checkbox"/> Observation ports and cleanouts, if used <p>Designer Certification</p> <ul style="list-style-type: none"> <input type="checkbox"/> Name, signature, date <input type="checkbox"/> Certification statement: <i>"I certify that this design meets all rules and regulations of Washington State Department of Health and Northeast Tri County Health District."</i>
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