

On-Site Sewage Facility Program Site Evaluation Checklist

The following check sheets include the basic items Williamson County Engineer's office is looking for in addition to the illustration for a site evaluation. This list is a guideline. Since each design is site specific, the County Engineer's office may ask for additional items that are not on this list.

<p style="text-align: center;">Soil Analysis</p> <p><input type="checkbox"/> Minimum 2 profile holes in opposite ends of field</p> <p><input type="checkbox"/> Holes 5' deep, at least 2' deeper than the proposed drain field or to a restrictive horizon</p> <p style="padding-left: 40px;"><input type="checkbox"/> State each horizon depth in inches</p> <p><input type="checkbox"/> Provide gravel analysis/restrictive horizon analysis</p> <p style="padding-left: 40px;"><input type="checkbox"/> Provide textural class of soil for each horizon</p> <p><input type="checkbox"/> Provide coloration or observations for each horizon</p> <p style="padding-left: 40px;"><input type="checkbox"/> Provide statement of bottom conditions of profile</p>	<p style="text-align: center;">Topography</p> <p><input type="checkbox"/> Indicate slope and direction or contours</p> <p style="padding-left: 40px;"><input type="checkbox"/> Show drainage ways, easements, creeks, ponds, etc....</p> <p><input type="checkbox"/> Show breaks in grade, areas of cut and fill or fill</p> <p><input type="checkbox"/> Show slopes greater than 30%</p> <p style="padding-left: 40px;"><input type="checkbox"/> Note surface pooling or depressional areas</p>
<p style="text-align: center;">Groundwater</p> <p><input type="checkbox"/> State whether or not there is EVIDENCE of groundwater and at what depth in inches. Evidence includes streaking, mottling, redox features, etc....</p> <p><input type="checkbox"/> If water is present, state the depth in inches and provide observations</p>	<p style="text-align: center;">Vegetation</p> <p><input type="checkbox"/> Note what kinds of vegetation that exist or are of concern in the area of the drain field</p>
<p style="text-align: center;">Flood Hazard</p> <p><input type="checkbox"/> Indicate if OSSF is in Flood Plain or Flood Way (professional engineer or professional sanitarian required)</p> <p><input checked="" type="checkbox"/> Show Flood Plain or Flood Way on site diagram</p>	<p style="text-align: center;">Edwards Aquifer Recharge Zone (EARZ)</p> <p><input type="checkbox"/> Indicate if site is in the EARZ. (professional design required)</p> <p><input type="checkbox"/> Certify that no EARZ recharge features are within 50' of the tank and 150' of the drainfield. (For Drip irrigation systems a 100' setback is allowed when the Ra <0.1 – See Tac 285 Table X.)</p>

Further Comments: _____
