



Saint Louis County

Environmental Services Department - Onsite Wastewater Division 1-800-450-9278

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Virginia: 307 First St. So., Suite 115, Virginia, MN 55792 (218) 749-0625

PHASE I SOILS WORKSHEET

Sheet _____ of _____

Applicant Name: _____ Parcel ID: _____

Address of property: _____

Evaluator: _____ Date: _____ Time: _____

Excavation type: _____ Excavation number and location: _____

Site conditions: _____

Vegetation: _____

Landscape position: _____ Slope: _____ %

Depth Inches	Texture	Structure Unstructured Structured Platy	Consistence Loose Friable Firm	Color Munsell	Confining Layer Y/N	Mottles Y/N	Roots Y/N	Comments

Seasonal High Water Conditions: _____ Inches from surface

Soil Wastewater Loading Rate: _____ Gallons per square foot per day

Hydraulic Linear Loading Rate: _____ Gallons per linear foot

MINIMUM ALLOWABLE DESCRIPTORS

- Depth:** Top of soil layer to bottom in **inches from surface**.
- Texture:** USDA soil texture classification (ex: **loam, sand, fine sand**, etc...).
- Structure:** **Structured:** soil clods (peds) are easily discernible or seen.
Unstructured: soils or clods (peds) are not easily seen.
Platey: observable plate-like structure of soil.
- Color:** **Munsell hue, value, and chroma.**
- Consistence:** **Loose:** single grain
Friable: easily crushable clods (peds)
Firm: clods (peds) require moderate pressure to crush
- Confining Layer:** Does this layer contain soil conditions that restrict water movement? **Yes or No**
- Mottles:** Does this layer contain mottles? **Yes or No**
- Roots:** Does this layer contain roots? **Yes or No**