



Public Health
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Panhandle Health District

Panhandle Health District I
Environmental Health Section

137 N 8TH STREET
ST. MARIES, ID 83861

Owner:

POTLATCHDELTIC LAND & LUMBER, LLC
301 D STREET SUITE A
LEWISTON, ID 83501

Applicant:

BEN BALLARD
301 D STREET SUITE A
LEWISTON, ID 83501

PRELIMINARY SOIL ANALYSIS

Speculative Site Evaluation # 18-05-141361

Report Date:

Note: This Preliminary Soil Analysis indicates potential suitability of soils for on-site sewage disposal. Approval to construct a sewage disposal system can only be granted by a valid Septic Permit.

Parcel # RP45N01W203200A & RP45N01W176200A
Township 45N Range 01W Section 17
Acres: 95

Site Summary –

A total of 13 testholes were evaluated for subsurface sewage disposal within and near the proposed Sportsman's Estates "Land Division" in Benewah County. See attached for locations and soil profiles of testholes evaluated. Testholes on Parcels B, C, D, E, F, and I are suitable for standard drainfields; and testholes on Parcels H and G are suitable for capping fill drainfields. This report does not constitute approval for subsurface sewage disposal on any of the future parcels. Approval of each parcel can only be obtained through the septic permitting process by submittal of a septic permit application for a specific proposed use. Additional testholes may be required based on the proposed use and location of proposed septic system components on each parcel. If Benewah County requires a plat for Sportsman's Estates, the fee from this application can be applied towards the subdivision review fee within one year of the issue date of this report.

Analysis Performed by:


Jason Peppin, REHS

TEST HOLE DATA

Test Hole#	Soil Profile	Soil Type	Comment	Latitude	Longitude
1	0-3" Topsoil 3-55" Silt Loam 55-72" Basalt/Clay Mix, impermeable	B2	Located on Parcel I. Suitable for a standard drainfield with a maximum trench depth of 31 inches.	47.23627	-116.49664
2	0-3" Topsoil 3-30" Silt Loam 30" Basalt/solid	B2	Located on Parcel H. Suitable for a capping fill drainfield with a maximum trench depth of 6 inches	47.23528	-116.49813
3	0-3" Topsoil 3-12" Loam 12-20" Sandy Clay Loam (B-2) 20-42" Silty Clay Loam (C-1)	C1	Located on Parcel H. Suitable for a capping fill drainfield with a maximum trench depth of 18 inches	47.23529	-116.49814
4	42" Basalt/Solid 0-12" Topsoil 12-42" Silt Loam 42" Basalt/Solid	B2	Located on Parcel G. Suitable for a capping fill drainfield with a maximum trench depth of 18 inches	47.23674	-116.49896
5	0-3" Topsoil 3-20" Loam 20-40" Stoney Loam 40" Basalt/Solid	B2	Located on Parcel E. Suitable for a capping fill drainfield with a maximum trench of 20 inches.	47.23777	-116.49855
6	0-3" Topsoil 3-48" Silt Loam (B-2) 48" Basalt/Solid	B2	Located on Parcel E. Suitable for a standard drainfield with a maximum trench depth of 24 inches.	47.23812	-116.4958
7	0-3" Topsoil 3-36" Loam (B-2) 36-50" Stoney Loam (B-2) 50-60" Decomposing basalt 60" Basalt/Solid	B2	Located on Parcel E. Suitable for a standard system with a maximum trench depth of 26 inches.	47.23818	-116.49863
8	0-3" Topsoil 3-16" Silt Loam (B-2) 16-48" Silty Clay Loam (C-1) 48-72" Clay (U)	C1	Located on Parcel D. Suitable for a standard drainfield with a maximum trench depth of 24 inches.	47.23874	-116.49835
9	0-6" Topsoil 6-18" Loam 18-60" Silty Clay Loam (C-1)	C1	Located on Parcel F. Suitable for a standard drainfield with a maximum trench depth of 36 inches.	47.23804	-116.49707
10	0-6" Topsoil 6-72" Silty Clay Loam (C-1)	C1	Located on Parcel B. Suitable for a standard system with a maximum depth of 48 inches. Located on Parcel C. Suitable for a standard drainfield with a	47.23892 47.24029	-116.49671 -116.50008

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11	0-6" Topsoil 6-20" Loam 20-72" Silty Clay Loam (C-1) 72-84" Clay (U)		maximum trench depth of 48 inches.		
12	0-3" Topsoil 3-16" Loam (B-2) 16-36" Silty Clay Loam (C-1) 36-72" Clay (U)	C1	Located outside of Sportsman's Estates. Suitable for a capping fill drainfield with pre-treatment	47.24123	-116.50011
13	0-3" Topsoil 3-12" Loam (B-2) 12-72" Silty Clay Loam (C-1) 72" Clay (U)	C1	Located outside of Sportsman's Estates. Suitable for a standard drainfield with a maximum depth of 48 inches.	47.24132	-116.50038

Testhole Locations for Soil Analysis 18-05-141361

