## COLUMBIA COUNTY Land Development Services



ST. HELENS, OR 97051

230 Second Sr. Direct 503 (287) 1501 respects of multiple or us

March 11, 2024

Mary Anne Pinon 5796 N Rosa Springs Ave Meridian, ID 83646

### EVALUATION REPORT FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM

Subject: 4N-1W-17-D0-00700 (South parcel) Receipt: 402748 Acreage: 40,171 square feet File #: 192-23-000404-EVAL

Re: Amended report following Stake out process and reconfiguration of proposed parcels.

I have made an evaluation of a proposed sewage disposal system construction site to support a single family residence on the above described property.

Based on the results of this study, sewage disposal appears feasible. Site conditions will require the use of a STANDARD SYSTEM for the original system, as described in the attached construction detail and site drawing reports. For the replacement area a SAND FILTER SYSTEM will be required.

Before construction of a subsurface sewage disposal system can take place, A PERMIT MUST BE PURCHASED FROM COLUMBIA COUNTY LAND DEVELOPMENT SERVICES. Only the property owner or a licensed installer can construct a subsurface sewage disposal system or part thereof. A detailed, to-scale plot plan of the proposed development and list of construction materials must be submitted with the permit application.

Only a limited area of your property appears suitable for this type of system. Please refer to the enclosed diagram for specifics concerning dimensions and/or special conditions of the approved site.

Please note that this approval is site specific to the area tested and does not address the feasibility of locating the system elsewhere on the property. Should you wish to relocate the disposal system, a new evaluation (with appropriate fees as per OAR (340-071-0140)) will be required.

This approval is limited to a dwelling of FOUR bedrooms maximum. The definition of "bedroom" means any room within a dwelling which is accepted as such by the local authorized building official.

This approval will remain valid until the system is installed and approved. Conditions on this property or adjacent properties are not to be changed in any manner conflicting with applicable State rules which would prohibit issuance of a permit. Partitioning or subdivision of this property, alteration of the natural conditions in the area of approval and/or water well development on this or adjacent properties may void this approval.

Technical rule changes which take place after the date of this report will not invalidate this approval, except that construction standards may be changed to meet codes applicable at the time of permit issuance.

The approval of this property and the conditions set forth in this letter in no way waive requirements as may be set by the zoning of the area. A permit to construct a system on this property will be subject to the review and approval of Columbia County Land Development Services.

You are cautioned not to place commercial, or other septic system cleaners or additives in your disposal system; doing so could increase the drainfield clogging potential, as well as kill the internal organisms necessary for proper operation. This warning is given with full knowledge of product statements to the contrary.

To prevent accidental injuries, this office recommends the test holes be filled.

If you have any questions, feel free to call.

Sincerely,

Tind' Conull

Erin O'Connell Environmental Health Specialist

Cc: Wayne Weigandt

## COLUMBIA COUNTY Land Development Services



ST. HELENS, OR 97051

230 Strand St. Direct (503) 397–1501 www.co.columbia.or.us

February 8, 2024

Mary Anne Pinon 5796 N Rosa Springs Ave Meridian, ID 83646

### EVALUATION REPORT FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM

Subject: 4N-1W-17-D0-00700 (East Parcel) Receipt: 402749, 402750 Acreage: 1.96(40,210 sq ft) File #: 192-23-000405-EVAL

I have made an evaluation of a proposed sewage disposal system construction site to support a single family residence on the above described property.

Based on the results of this study, sewage disposal appears feasible through the construction of a SANDFILTER SEWAGE DISPOSAL SYSTEM, as described in the attached site drawing and construction detail reports. **\*\***Note: Installation of an ATT SYSTEM (Treatment Standard 1) is also applicable.

Before construction of a subsurface sewage disposal system can take place, A PERMIT MUST BE PURCHASED FROM COLUMBIA COUNTY LAND DEVELOPMENT SERVICES. Only the property owner or a licensed installer can construct a subsurface sewage disposal system or part thereof. A detailed, to-scale plot plan of the proposed development and list of construction materials must be submitted with the permit application.

Only a limited area of your property appears suitable for this type of system. Please refer to the enclosed diagram for specifics concerning dimensions and/or special conditions of the approved site.

Please note that this approval is site specific to the area tested and does not address the feasibility of locating the system elsewhere on the property. Should you wish to relocate the disposal system, a new evaluation (with appropriate fees as per OAR (340-071-0140)) will be required.

This approval is limited to a dwelling of FOUR (4) bedrooms maximum. The definition of "bedroom" means any room within a dwelling which is accepted as such by the local authorized building official.

This approval will remain valid until the system is installed and approved. Conditions on this property or adjacent properties are not to be changed in any manner conflicting with applicable State rules which would prohibit issuance of a permit. Partitioning or subdivision of this property, alteration of the natural conditions in the area of approval and/or water well development on this or adjacent properties may void this approval.

Technical rule changes which take place after the date of this report will not invalidate this approval, except that construction standards may be changed to meet codes applicable at the time of permit issuance.

### SAND FILTER SYSTEM CONSTRUCTION DETAIL REPORT (THIS IS NOT A CONSTRUCTION PERMIT)

February 8, 2024

Applicant: Weigandt

Subject: 4N-1W-17-D0-00700 (East Parcel) Receipt: 402749, 402750 Acreage: 1.96(40,210 sq ft) File #: 192-23-000405-EVAL

Your site has been found suitable for a SAND FILTER SYSTEM. The following construction specifications shall apply. **\*\***Note: installation of an ATT SYSTEM (Treatment Standard 1) is also applicable. Installation in accordance with manufacturer installation methods and OAR 340, Division 71 required.

Prior to the installation of the disposal system, a sewage disposal construction permit must be obtained from the department of Land Development Services. Included in this permit process is to be a to-scale plot plan of system placement and a complete materials inventory of proposed system components.

The sand filter shall be designed and operated as per OAR 340-71-290 through 340-71-295. Detailed plans for the filter must be presented prior to permit issuance. Depending on design, a separate building permit may also be required.

The septic tank shall have a minimum liquid capacity of 1500 gallons. The septic tank must have two compartments. Garbage disposal use is not recommended. Note: a 1500 gallon two-compartment may not be applicable for an ATT.

For your proposed development, a minimum of 150 linear feet of disposal trench is required. Disposal trenches shall be constructed 2 feet wide on 10 foot minimum centers with no line exceeding 150 feet in length. The trenches and perforated pipe shall be installed within one inch of level and contoured to the natural ground surface.

The drainfield shall be constructed in Equal distribution with a maximum trench depth of 24 inches and a minimum trench depth of 18 inches. There must be at least 6 inches of backfill over the top of the gravel, measured from natural ground surface. Serial distribution is also applicable at 24"/24", 12" backfill.

This system requires use of an effluent lift pump placed in the septic tank. Should you elect to place the sand filter below ground, an additional pump will be necessary and requires an electrical control panel which includes an automatic shutoff feature of the septic tank pump, which would activate should a high water alarm condition occur in the sand filter pump basin. This prevents an overflow of the sand filter.

It is necessary that the electrical components of this system be inspected and approved before a certificate of satisfactory completion can be issued. This action requires that you secure an Electrical Permit from Land Development Services. **\*\***Note- The Electrical Permit will need to be obtained at the time of Septic Permit issuance.

For the above described system, adequate area must be available for the original system and a complete replacement system. The replacement system is to be used if the original system fails for some non-repairable reason.

The disposal site must be protected from livestock, vehicular traffic, or other damaging encroachments.

A minimum separation distance of 100 linear feet is to be maintained between the disposal system and any water well.

A minimum separation distance of 50 linear feet is to be maintained between the disposal system and any surface waters such as the low area identified on the attached field sheet.

The owner of any conventional and other sand filter systems must ensure that the sand filter and all other components of the system are continuously operated and timely maintained in accordance with the requirements of the Certificate of Satisfactory Completion and including but not limited to the following provisions:

Preservation of the installation, as near as practical, in its "as built" state. The responsibility includes the control of erosion of any "mound", the control and removal of large perennial plants, the fencing out of livestock and the control of burrowing animals.

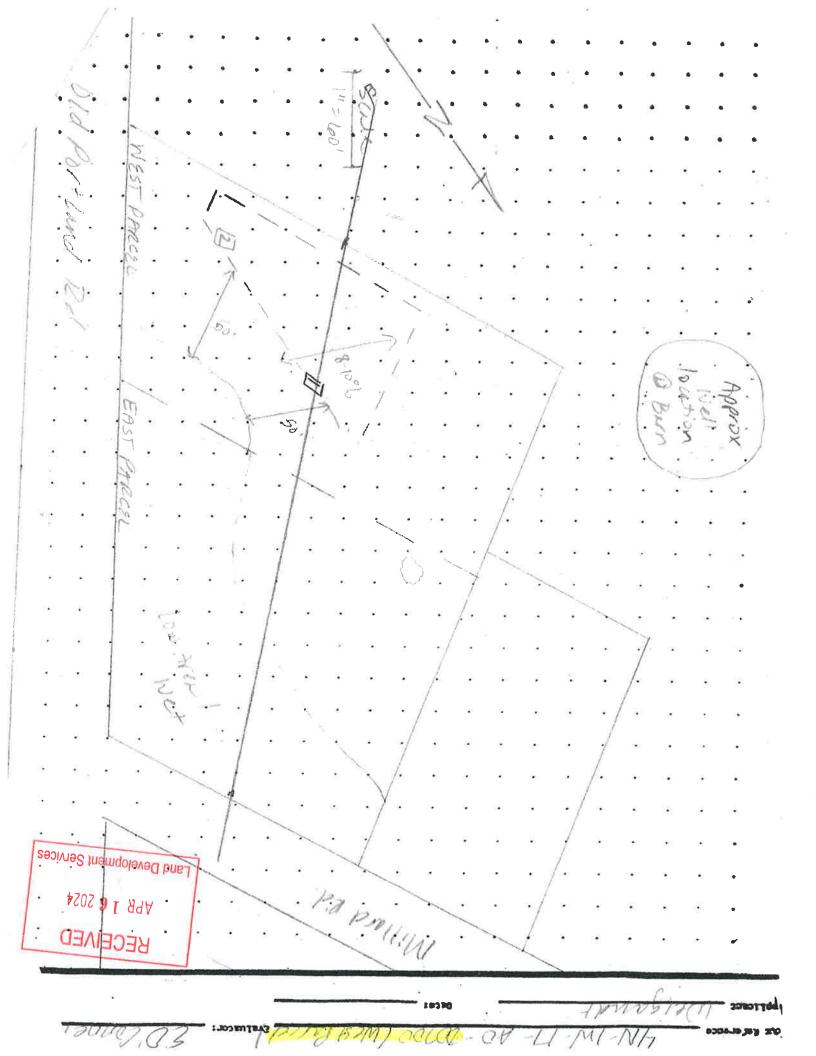
Per OAR 340-071-0290(7) Operation and Maintenance:

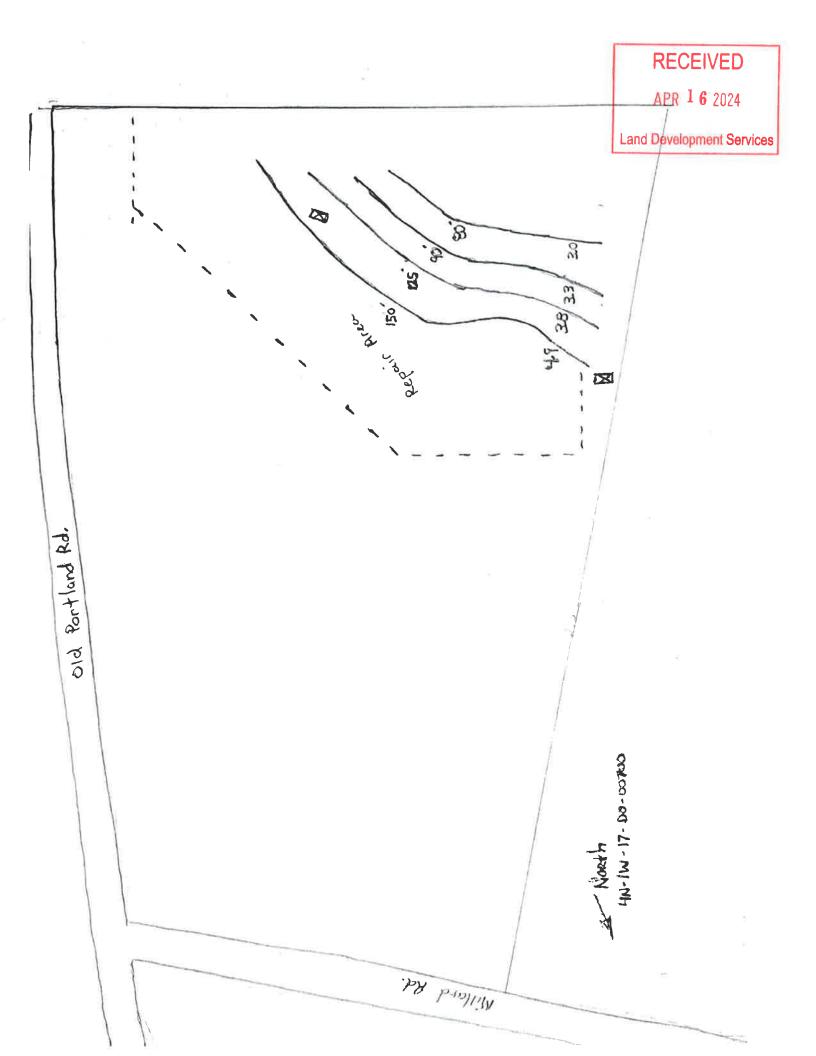
(a) Owners of conventional and other sand filter systems must comply with the operation and maintenance requirements in this section. The owner of a sand filter system must inspect the septic tank and other components of the system at least annually for sludge accumulation, pump calibration, and cleaning of the laterals. Tanks must be pumped when there is an accumulation of floating scum less than 3 inches above the bottom of the outlet tee fitting, holes or ports, or an accumulation of sludge less than 6 inches below the bottom of the outlet tee fitting, holes or ports. Pump calibration, cleaning of the laterals, and other maintenance must be completed as necessary.

(b) Service Contracts, the owner of a Sand Filter system must maintain a contract, in accordance with OAR 340-071-0130(23), with a maintenance provider to serve, maintain, and adjust the onsite system. A service contract must be entered into before the system is installed and must be maintained until the system is decommissioned.

For an evaluation fee, (as per OAR (340-071-0140)) and at this agencies discretion, agents may perform periodic inspections of alternative systems for necessary corrective maintenance. System owners shall be required to incur all such maintenance expenses.

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United States Department of Agriculture

Natural Resources Conservation Service A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

# Custom Soil Resource Report for Columbia County, Oregon





# Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/? cid=nrcs142p2\_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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# How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

#### **Custom Soil Resource Report**

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

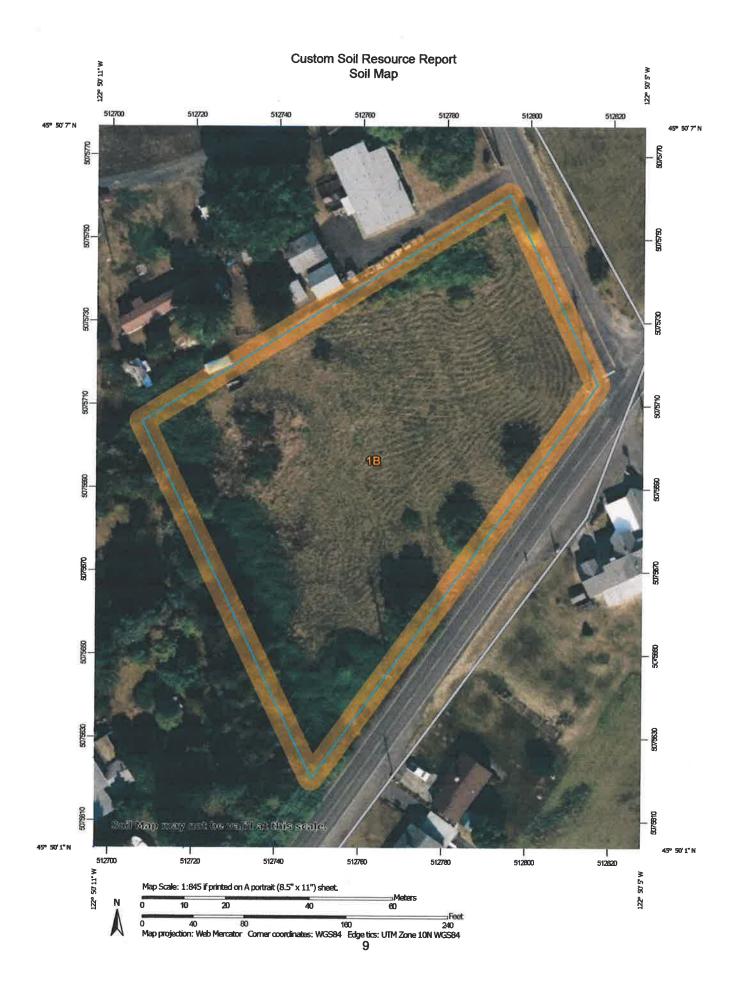
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

### Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

# Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



MAP LEGEND				MAP INFORMATION	
Area of In	terest (AOI)	( <b>Q</b> )	Spoil Area	The soil surveys that comprise your AOI were mapped at	
	Area of Interest (AOI)	¢	Stony Spot	1:20,000.	
Solis	Soil Map Unit Polygons	a	Very Stony Spot	Warning: Soil Map may not be valid at this scale.	
~	Soil Map Unit Lines	পট্ট প	Wet Spot	wanning. Con wap may not be valid at this scale.	
<u> </u>	Soil Map Unit Points	2	Other	Enlargement of maps beyond the scale of mapping can cause	
Special	Point Features		Special Line Features	misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of	
opeciai (o)	Biowout	Water Fea	itures	contrasting soils that could have been shown at a more deta scale.	
X	Borrow Pit	~	Streams and Canals	Scale.	
×	Clay Spot	Transport		Please rely on the bar scale on each map sheet for map	
Ô	Closed Depression	+++	Rails	measurements.	
×	Gravel Pit	~	Interstate Highways	Source of Map: Natural Resources Conservation Service	
גרא גיי	Gravelly Spot		US Routes	Web Soil Survey URL:	
ø	Landfill		Major Roads	Coordinate System: Web Mercator (EPSG:3857)	
	Lava Flow		Local Roads	Maps from the Web Soil Survey are based on the Web Mercat	
A.	Marsh or swamp	Backgrou		projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as th	
<u>ظلہ</u>	F	1	Aerial Photography	Albers equal-area conic projection, should be used if more	
奈	Mine or Quarry			accurate calculations of distance or area are required.	
0	Miscellaneous Water			This product is generated from the USDA-NRCS certified data as	
0	Perennial Water			of the version date(s) listed below.	
S.	Rock Outcrop			Soil Survey Area: Columbia County, Oregon	
+	Saline Spot			Survey Area Data: Version 21, Sep 7, 2023	
с о о о	Sandy Spot			Soil map units are labeled (as space allows) for map scales	
æ	Severely Eroded Spot			1:50,000 or larger.	
¢	Sinkhole			Date(s) aerial images were photographed: Sep 26, 2022—Oc	
de A	Slide or Slip			11, 2022	
ø	Sodic Spot			The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.	

## **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1B	Aloha silt loam, 3 to 8 percent slopes	1.8 100	
Totals for Area of Interest		1.8	100.0%

### Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An association is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

### Columbia County, Oregon

#### 1B—Aloha silt loam, 3 to 8 percent slopes

#### Map Unit Setting

National map unit symbol: 21f9 Elevation: 100 to 300 feet Mean annual precipitation: 40 to 60 inches Mean annual air temperature: 50 to 54 degrees F Frost-free period: 165 to 210 days Farmland classification: Prime farmland if drained

#### Map Unit Composition

Aloha and similar soils: 90 percent Minor components: 4 percent Estimates are based on observations, descriptions, and transects of the mapunit.

#### **Description of Aloha**

#### Setting

Landform: Terraces Landform position (three-dimensional): Tread Down-slope shape: Linear Across-slope shape: Linear Parent material: Mixed alluvium

#### **Typical profile**

H1 - 0 to 7 inches: silt loam H2 - 7 to 40 inches: loam H3 - 40 to 60 inches: very fine sandy loam

#### **Properties and qualities**

Slope: 3 to 8 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: About 18 to 24 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: High (about 11.8 inches)

#### Interpretive groups

Land capability classification (irrigated): 2w Land capability classification (nonirrigated): 2w Hydrologic Soil Group: C/D Ecological site: R002XC007OR - Valley Swale Group Forage suitability group: Somewhat Poorly Drained (G002XY005OR) Other vegetative classification: Somewhat Poorly Drained (G002XY005OR) Hydric soil rating: No

#### **Minor Components**

#### Dayton

Percent of map unit: 2 percent Landform: Terraces

#### Custom Soil Resource Report

Landform position (three-dimensional): Tread Down-slope shape: Linear Across-slope shape: Linear Other vegetative classification: Poorly Drained (G002XY006OR) Hydric soil rating: Yes

#### Wollent

Percent of map unit: 2 percent Landform: Terraces Landform position (three-dimensional): Tread Down-slope shape: Linear Across-slope shape: Linear Other vegetative classification: Poorly Drained (G002XY006OR) Hydric soil rating: Yes

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