

**Soil Report Considerations for:**  
**CONSERVATION PRACTICE STANDARD**  
**ANIONIC POLYACRYLAMIDE (PAM) APPLICATION**  
**CODE 450**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
peat or organic matter surface horizons	surface texture
slope	slope
sodium adsorption ratio (SAR)	soil chemical properties
soil texture (surface)	surface texture

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
slope		Soil Qualities and Features: Representative Slope	AOI Inventory: Component Legend
surface texture		Soil Physical Properties: Surface Texture	Soil Physical Properties: Engineering Properties
Sodium adsorption ratio		Soil Chemical properties: Sodium Adsorption Ratio	Soil Chemical Properties

*Note: The Suitabilities and Limitations, and the Soil Properties and Qualities options in WSS are designed to aggregate data and return a single rating or value for each map unit. The single value is typically either for the surface layer, or it is a weighted average for a specified depth range. This is done to facilitate the creation of a thematic map for the selected item. Representative values (rv's) are used, rather than the range in properties, and depth measurements are generally displayed in centimeters. The Soil Reports option generally provides the range in values for each soil component and depth measurements are generally displayed in inches or feet; however, results are tabular only.*

*A soil map and map legend of the area can be generated from the WSS through the Soil Map tab. Soil maps were published at certain scales. Site specific practices may require onsite investigation.*

**Soil Report Considerations for:**

**CONSERVATION PRACTICE STANDARD  
BRUSH MANAGEMENT  
CODE 314**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
ecological site <sup>1</sup>	ecological site

<sup>1</sup>Ecological site information is available in the Web Soil Survey by clicking on a separate tab, labelled “Ecological Site Assessment”, that is located between the Soil Properties and Qualities tab and the Soil Reports tab. **Ecological site information is not available for all soils or for all areas at this time.**

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
ecological site			

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*A soil map and map legend of the area can be generated from the WSS through the Soil Map tab. Soil maps were published at certain scales. Site specific practices may require onsite investigation.*

**Soil Report Considerations for:**  
**CONSERVATION PRACTICE STANDARD**  
**CRITICAL AREA PLANTING**  
**CODE 342**

**Idaho NRCS: Boise Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
erosion from wind and water	erosion factors Kw, Kf, T wind erodibility group wind erodibility index
soil conditions	map unit description

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
erosion factors: Kw Kf T wind erodibility group wind erodibility index		Soil Erosion Factors: K Factor, Rock Free K Factor, Whole Soil T Factor Wind Erodibility Group Wind Erodibility Index	Soil Erosion: Conservation Planning  Soil Physical Properties: Physical Soil Properties
map unit description			AOI Inventory: Map Unit Description (Brief, Generated)

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## Soil Report Considerations for:

# CONSERVATION PRACTICE STANDARD FORAGE AND BIOMASS PLANTING CODE 512

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
soil condition and landscape position attributes such as:	refer to items listed below
available water holding capacity <sup>1</sup>	available water capacity available water storage available water supply
depth	depth to soil restrictive layer
drainage class	drainage class
flooding	flooding frequency
ponding	ponding frequency
salinity	a concern for some soils in Idaho
slope	slope
soil pH	soil reaction (pH)

<sup>1</sup>Available water capacity (AWC) is given in cm of water per cm or soil (or in per in) for each soil layer. Available water storage and available water supply are calculated as the AWC times the thickness of each soil layer, summed to a specified depth.

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
available water capacity		Soil Physical Properties: Available Water Capacity	Soil Physical Properties: Physical Soil Properties
available water storage		Soil Physical Properties: Available Water Storage	
available water supply		Soil Physical Properties: Available Water Supply	
depth to soil restrictive layer		Soil Qualities and Features: Depth to Any Soil Restrictive Layer	Soil Qualities and Features: Soil Features
drainage class		Soil Qualities and Features: Drainage class	
flooding frequency		Water Features: Flooding Frequency Class	Water Features: Water Features
ponding frequency		Water Features: Ponding Frequency Class	
slope		Soil Qualities and Features: Representative Slope	AOI Inventory: Component Legend
soil reaction (pH)		Soil Chemical Properties: pH (1 to 1 Water), EC, SAR	Soil Chemical Properties: Chemical Soil Properties

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*A soil map and map legend of the area can be generated from the WSS through the Soil Map tab. Soil maps were published at certain scales. Site specific practices may require onsite investigation.*

**Soil Report Considerations for:**

**CONSERVATION PRACTICE STANDARD  
HEAVY USE AREA PROTECTION  
CODE 561**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
bearing capacity of the soil	Unified Soil Classification
sites that need drainage	depth to water table drainage class

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
depth to water table		Water Features: Depth to Water Table	Water Features: Water Features
drainage class		Soil Qualities and Features: Drainage Class	
Unified Soil Classification		Soil Qualities and Features: Unified Soil Classification (surface)	Soil Physical Properties: Engineering Properties

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**Soil Report Considerations for:**

**CONSERVATION PRACTICE STANDARD  
HERBACEOUS WEED CONTROL  
CODE 315**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
ecological site description (ESD)	ecological site <sup>1</sup>
organic matter	organic matter
soil erosion potential	erosion factors Kw, Kf, T
soil map	soil map tab <sup>2</sup>
soil texture	soil texture

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
ecological site <sup>1</sup>			
erosion factors: Kw Kf T		Soil Erosion Factors: K Factor, Rock Free K Factor, Whole Soil T Factor	Soil Erosion: Conservation Planning Soil Physical Properties: Physical Soil Properties
organic matter		Soil Physical Properties: Organic Matter	Soil Physical Properties: Physical Soil Properties
		Soil Health: Soil Health – Organic Matter	Soil Health: Soil Health – Organic Matter
soil texture		Soil Physical Properties: Surface Texture	Soil Physical Properties: Engineering Properties

<sup>1</sup>Ecological site information is available in the Web Soil Survey by clicking on a separate tab, labelled “Ecological Site Assessment”, that is located between the Soil Properties and Qualities tab and the Soil Reports tab. Ecological site information is not available for all soils or for all areas at this time.

*Note: The Suitabilities and Limitations, and the Soil Properties and Qualities options in WSS are designed to aggregate data and return a single rating or value for each map unit. The single value is typically either for the surface layer, or it is a weighted average for a specified depth range. This is done to facilitate the creation of a thematic map for the selected item. Representative values (rv’s) are used, rather than the range in properties, and depth measurements are generally displayed in centimeters. The Soil Reports option generally provides the range in values for each soil component and depth measurements are generally displayed in inches or feet; however, results are tabular only.*

<sup>2</sup>A soil map and map legend of the area can be generated from the WSS through the Soil Map tab. Soil maps were published at certain scales. Site specific practices may require onsite investigation.

**Soil Report Considerations for:**

**CONSERVATION PRACTICE STANDARD  
PRESCRIBED BURNING  
CODE 338**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
ecological sites	ecological site <sup>1</sup>
location of wetlands	hydric soils <sup>2</sup>
soil and site conditions	map unit description

<sup>1</sup>Ecological site information is available in the Web Soil Survey by clicking on a separate tab, labelled “Ecological Site Assessment”, that is located between the Soil Properties and Qualities tab and the Soil Reports tab. **Ecological site information is not available for all soils or for all areas at this time.**

<sup>2</sup>Hydric soils are not synonymous with wetlands, but hydric soils are one of the 3 wetland factors/parameters required for an area to be considered a wetland.

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
hydric soils	Land Classifications: Hydric Rating by Map Unit		Land Classifications: Hydric Soils
map unit description			AOI Inventory: Map Unit Description (Brief, Generated)

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**Soil Report Considerations for:**

**CONSERVATION PRACTICE STANDARD  
PRESCRIBED GRAZING  
CODE 528**

**Idaho NRCS: Boise Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
ecological site or forage suitability group	ecological site <sup>1</sup>
flooding	flooding

<sup>1</sup>Ecological site information is available in the Web Soil Survey by clicking on a separate tab, labelled “Ecological Site Assessment”, that is located between the Soil Properties and Qualities tab and the Soil Reports tab. **Ecological site information is not available for all soils or for all areas at this time.**

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
flooding		Water Features: Flooding Frequency Class	Water Features: Water Features

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**Soil Report Considerations for:**

**CONSERVATION PRACTICE STANDARD  
RESTORATION AND MANAGEMENT  
OF RARE OR DECLINING HABITATS  
CODE 643**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
ecological site Description (ESD)	ecological site <sup>1</sup>

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	Soil Data Explorer Tab		
Web Soil Survey Related Items	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports

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**Soil Report Considerations for:**  
**CONSERVATION PRACTICE STANDARD**  
**SILVOPASTURE**  
**CODE 381**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
description of the soils	map unit description
ecological sites	ecological site <sup>1</sup>
soil conditions of the site	map unit description
soils map	soil map <sup>2</sup>

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
ecological site <sup>1</sup>			
map unit description			AOI Inventory: Map Unit Description (Brief, Generated)

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**Soil Report Considerations for:**

**CONSERVATION PRACTICE STANDARD  
WATER HARVESTING CATCHMENT  
CODE 636**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
rock outcrops <sup>1</sup>	depth to bedrock (lithic bedrock)

<sup>1</sup>Some small areas of rock outcrop may be designated as spot symbols on the maps in the WSS.

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
depth to bedrock (lithic bedrock)		Soil Qualities and Features: Depth to a Selected Soil Restrictive Layer (lithic bedrock)	Soil Qualities and Features: Soil Features

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**Soil Report Considerations for:**

**CONSERVATION PRACTICE STANDARD  
WATERING FACILITY  
CODE 614**

**Idaho NRCS: Boise, Idaho**

Soil Concerns Stated in Standard	Web Soil Survey (WSS) Related Items
suitable soils	map unit description

Web Soil Survey Related Items	Soil Data Explorer Tab		
	Suitabilities and Limitations	Soil Properties and Qualities	Soil Reports
map unit description			AOI Inventory: Map Unit Description (Brief, Generated)

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