



ECMC NATURAL RESOURCE CONSERVATION SERVICE (NRCS) MAP UNIT DESCRIPTION

GUIDANCE

FORM 2A ATTACHMENT

Rule 304.b.(10). - NRCS Map Unit Description

Document Control

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Rule Citation

Rule 304.b.(10). NRCS Map Unit Description

A Natural Resources Conservation Service (“NRCS”) soil map unit description.

Purpose of Rule 304.b.(10) NRCS Map Unit Description

The purpose of the NRCS Soil Map Unit Description information requirement is to provide staff with an understanding of the soil type and properties. This will allow ECMC staff to verify that Best Management Practices (BMPs) provided in the Dust Mitigation Plan, Fluid Leak Detection Plan, Stormwater Management Plan, and Topsoil Protection Plan are adequate to minimize potential impacts to specific receptors. These receptors include, but are not limited to: dust, soil, surface water, and groundwater. In addition, the Soil Map Unit Description will provide soil property details to assist in the implementation of appropriate reclamation efforts detailed in the Interim Reclamation Plan.

Guidance/Requirements

Set of Requirements or Guidelines 1

1. Attach the corresponding NRCS Soil Map Unit Descriptions and NRCS Map to the Form 2A.
2. Provide an aerial photograph with the mapped NRCS units overlaid from the NRCS Web Soil Survey. Include the following items on the map:
 - a. the NRCS soil map units within the area of disturbance boundary of the proposed Oil and Gas location,
 - b. all access roads, and
 - c. pipeline/utility corridors.

Additional Information

Common Errors and Issues Encountered by ECMC Staff

1. Citing an incorrect NRCS Soil Map Unit Description.
2. Omitting NRCS Soil Map Units.
3. Including NRCS Soil Map Units not disturbed by the Oil and Gas Location.
4. The NRCS Map is not included or a map from another source is provided.

General Notes

1. The NRCS Soil Map Unit Description will include all soil types mapped within the boundaries of the Oil and Gas Location, including all access roads, pipeline/utility corridors, as well as the soil map units which overlap along the perimeters.

2. For Oil and Gas Locations overlying two or more soil map units, provide a copy of the soil map as provided on the United States Department of Agriculture (USDA) NRCS website.
3. Please note that the Soil Survey (NRCS) layer on the ECMC GIS Online Interactive Map provides a link to the USDA NRCS website and can be used to download the soil map unit delineation and aerial photograph.
 - a. In the event that the NRCS Soil Map Unit identified on the COGCC GIS Online Interactive Map, Soil Survey (NRCS) layer does not correlate correctly with the NRCS Soil Map Unit Description provided by the NRCS, attach the Soil Map Unit Description and disclose the inconsistency on the Submit Tab of the Form 2A.

Frequently Asked Questions

1. Is this required?

ECMC Response: Yes, it is required by Rule 304.b.(10). The NRCS Map and soil units contribute greatly to the review of the Dust Mitigation Plan, Fluid Leak Detection Plan, Stormwater Management Plan, and Interim Reclamation Plan. These details are also required on the Form 2A Land Use & Soils Tab. This is required for new and amended locations. If the area has previously been disturbed for an amended location, the NRCS map units for that area are still required to be included.

2. What if there are not enough lines on the Form 2A for all of the NRCS soil descriptions?

ECMC Response: If there are more NRCS land descriptions than lines on the Form 2A, additional descriptions can be added in Operator Comments under the Submit tab.

Document Change Log

Change Date	Description of Changes
April 1, 2025	Updated to reflect Dec. 2024 Rule updates
July 31, 2025	Reviewed, ADA accessibility verified, Prepared for publication