

Required NASIS Entries Checklist (Legend, Mapunit, DMU)  
MO6 Lakewood January 2011

**LEGEND OBJECT**

**Legend Mapunit Area Overlap**

Mapunit Symbol
Mapunit Acres

**Legend Mapunit**

Mapunit Symbol
Mapunit Acres

**Legend Certification History**  
(by MLRA SSL and SDQS)

NASIS User Name
Certification Date
Certification Kind
Legend Certification Status
Certification Text

**MAPUNIT OBJECT**

**Mapunit**

Mapunit Name
Mapunit Kind
Mapunit Status
Mapunit Linear Feature
Mapunit Point Feature
Farm Class

**Mapunit History**

Date
Author
Correlation Kind
Correlation Event
Historical Name
Status
Text

**Correlation**

DMU Description
Representative DMU
Constituent Acres

**DATA MAPUNIT OBJECT – DMU and Component Tables**

**Data Mapunit**

DMU Description
Order of Mapping

**Data Mapunit Certification History**  
(by MLRA SSL and SDQS)

NASIS User Name
Certification Date
Certification Kind
DMU Certification Status
Certification Text

**Data Mapunit Crop Yield**

Crop Name
Units
Nirr Yield
Irr Yield

**Component**

Comp %
Component Name
Local Phase
Taxon Kind
Major Component
Slope Gradient
T
WEI
WEG
Hydric Condition
Hydric Rating
Drainage Class
Elevation
Aspect Counter Clockwise
Aspect Representative
Aspect Clockwise
Albedo Dry

**Component (continued)**

MAAT
MAP
Frost Free Days
Nirr LCC
Nirr Subcl
Irr LCC
Irr Subcl
Cons Tree Shrub Group
Range Prod
Soil Slip Pot
Frost Action
Init Subsidence
Total Subsidence
Hydrologic Group
Corrosion Concrete
Corrosion Steel
Taxonomic Class
Order
Suborder
Great Group
Subgroup
Particle Size
Particle Size Mod
CEC Activity Cl
Reaction
Temp Class
Moist Subclass
Temp Regime
Keys to Taxonomy Edition Used

**Component Crop Yield**

Crop Name
Units
Nirr Crop Yield
Irr Crop Yield

**Component Diagnostic Features**

Kind
Top Depth
Bottom Depth
Thickness

**Component Ecological Site**

Ecological Site ID
Ecological Site Name

**Component Existing Plants**

Plant Symbol
Common Name
Understory Prod %
Range Prod %

**Component Forest Productivity**

Plant Symbol
Common Name
Site Index Base
Site Index
Productivity ft3/ac/yr

**Component Geomorphic Description**

Feature Type
Feature Name
Feature Modifier
Feature ID
Exists on Feature ID
Representative?

**Component Three Dimensional Surface Morphometry**

Geomorphic Component (Choose one: Hills or Mtns or Terraces or Flats)
--

**Component Slope Shape  
Surface Morphometry**

Slope Shape Across
Slope Shape Up/Down

**Component Two Dimensional  
Surface Morphometry**

Hillslope Profile
-------------------

**Component Hydric Criteria**

Hydric Criterion
------------------

**Component Month**

Month
Flooding Frequency
Flooding Duration
Ponding Frequency
Ponding Duration
Ponding Depth

**Component Soil Moisture**

Top Depth
Bottom Depth
Moisture Status

**Component Other Veg Class**

Other Veg Type Class Name
Other Veg Class ID
Other Veg Class Name

**Component Parent Material Group**

Group Name
RV?

**Component Parent Material**

Vertical Order
Textural Modifier
General Modifier
Kind
Origin

**Component Pedon**

User Site ID
User Pedon ID
Representative?

**Component Potential Windbreak**

Height
Plant Symbol
Common Name

**Component Restrictions**

Kind
Hardness
Top Depth
Bottom Depth
Thickness

**Component Surface Fragments**

Cover %
Spacing
Kind
Size
Shape
Roundness
Hardness

**Component Taxonomic Family  
Mineralogy**

Vertical Order
Mineralogy

**Component Taxonomic Family  
Other Criteria**

Family Other
--------------

**Component Taxonomic Moisture  
Class**

Moisture Class
----------------

**Component Trees To Manage**

Plant Symbol
Common Name

**DATA MAPUNIT OBJECT – Horizon Tables**

**Horizon**

Designation
Discontinuity
Master
Prime
Subdivision
Top Depth
Bottom Depth
Total Fragment Volume
Rock >10
Rock 3-10
# 4
# 10
# 40
# 200
Total Sand
vcos
cos
ms
fs
vfs
Total Silt
Total Clay
CaCO3 Clay
Mica Kind
Mica 0.02-0.25 mm
Mica 0.25-2 mm
Organic Matter
Rubbed Fiber %
Unrubbed Fiber %
Bulk Density 0.1 bar
Bulk Density 0.33 bar
Bulk Density Oven Dry
Hydraulic Conductivity
Available Water Capacity

**Horizon (continued)**

Water 0.1 bar
Water 0.33 bar
Water 15 bar
Satiated H2O
LEP
L L
P I
AASHTO Group Index
Kw
Kf
CaCO3
Gypsum
SAR
E C
CEC-7
ECEC
pH H2O
pH CaCl2
Oxalate Fe
Ext Acidity
Oxalate Al

**Horizon Texture Group**

Tex Mod & Class
Stratified ?
Representative?

**Horizon Texture**

Texture
In Lieu

**Horizon Texture  
Modifier**

Modifier
----------

**Horizon AASHTO**

AASHTO Class
Representative?

**Horizon Designation Suffix**

Suffix
--------

**Horizon Fragments**

Vol %
Kind
Size
Shape
Roundness
Hardness

**Horizon Structure Group**

Structure
Representative?

**Horizon Structure**

Grade
Size
Type
Structure ID
Parts to Structure ID

**Horizon Unified**

Unified
Representative?

---

*MINIMUM DATASET FOR MINOR COMPONENTS*

<i>Table</i>	<i>Element</i>
Component	Comp Percent
	Component Name
	Local Phase
	Taxon Kind
	Major Component
	Slope Gradient
	Hydric Condition
	Hydric Rating
	Drainage Class
Component Geomorphic Description	Geomorphic Feature Type
	Geomorphic Feature Name
	Geomorphic Feature Modifier
	Feature ID
	Exists on Feature ID
	RV?
Component Hydric Criteria	Hydric Criterion
Component Restriction	Restriction Kind
	Restriction Hardness
	Restriction Top Depth
	Restriction Bottom Depth
Component Month	Month
	Flooding Frequency
	Flooding Duration
	Ponding Frequency
Component Ecological Site	Ecological Site ID
	Ecological Site Name