Oregon/Washington Bureau of Land Management



Lands with Wilderness Characteristics

Spatial Data Standard



Flatiron Rock, Oregon Badlands Wilderness. Photo by Greg Shine, BLM. Taken on April 29, 2016.

Document Revisions

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1.1	6/23/2009	Stan Frazier, Pam Keller, Jerry Magee	Increased the length of the UNIT_ID field. Modification of the EVAL domain. Other minor edits.	
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5.0	4/24/2025	Dana Baker-Allum, Lauren Pidot, Shelley Moore	Adopted and extended the national standard for Lands with Wilderness Characteristics (LWC). Added missing revision history to this table.	All

Navigation

This document is easier to view if the Microsoft Word Navigation pane is displayed (View -> Navigation Pane). If viewing in PDF format, open the document in Acrobat and click the Contents button.

This document uses hyperlinks to display additional information on topics. External links are displayed with an <u>underline</u>. Internal links are blue text, not underlined. After clicking on an internal link, press the Alt + Left Arrow keys to return to the original location from the target location.

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1 General Information

This Lands with Wilderness Characteristics (LWC) data standard contains requirements for Wilderness Characteristics Polygons, and Wilderness Characteristics Lines and requirements for attributes on associated boundary roads. The standard evaluates areas of Bureau of Land Management (BLM) land for wilderness characteristics based on size, naturalness, and outstanding opportunities for solitude or primitive and unconfined recreation criteria. The theme represents an inventory of wilderness characteristics found, or not found, on BLM lands and areas that the BLM has determined to manage for wilderness characteristics, manage with restrictions, or manage for other multiple uses.

Section 201 of the Federal Land Policy and Management Act (FLPMA) requires the BLM to maintain an inventory of public land resources and other values, including wilderness characteristics. The BLM then makes decisions on how to manage these public lands and resources through resource management plans, as provided in Section 202 of the FLPMA. The inventory evaluates wilderness characteristics as discussed in Section 2(c) of the Wilderness Act of 1964 and incorporated in the FLPMA. For an area to have wilderness characteristics it:

- Generally, appears to have been affected primarily by the forces of nature, with the imprint of man's work substantially unnoticeable;
- Has outstanding opportunities for solitude or a primitive and unconfined type of recreation;
- Has at least five thousand acres of land or is of sufficient size as to make practicable its preservation and use in an unimpaired condition; and may
- Contain ecological, geological, or other features of scientific, educational, scenic, or historical value.

A comprehensive inventory of wilderness characteristics on BLM lands in OR/WA occurred in the late 1970's and early 1980's. As conditions change, offices update their resource inventory information regarding wilderness characteristics. The updating process includes reviewing information from past wilderness characteristic inventories, an evaluation of current resource conditions, and materials submitted by citizens. The most recent BLM Headquarters wilderness characteristics inventory guidance (manual/handbook) is "BLM Manual 6310 - Conducting Wilderness Characteristics Inventory on BLM Lands (Public)" dated 1/8/2021 (https://www.blm.gov/sites/default/files/docs/2021-01/BLM-Policy-Manual-6310.pdf).

Through its Resource Management Plan (RMP) planning process, the BLM makes decisions about how to manage lands identified as having wilderness characteristics. Through its RMPs, the BLM may decide to manage an area for its wilderness characteristics, manage it with restrictions, or manage it for other multiple uses. Those decisions are tracked in the LWC Management Poly (LWC MNGMNT POLY) feature class.

- Dataset (Theme) Name: LWC
- Dataset (Feature Class): LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY, LWC_INVNTRY_ARC, LWC_INVNTRY_HIST_ARC, LWC_MNGMNT_ARC, LWC_ROAD_ARC

1.1 Roles and Responsibilities

To find the latest contact information for the employees assigned to these roles, see <u>https://www.blm.gov/about/data/oregon-data-management</u>.

- <u>State Data Steward</u> the State Data Steward responsibilities include approving data standards and business rules, developing Quality Assurance/Quality Control procedures, identifying potential Privacy issues, and managing that data as a corporate resource. The State Data Steward coordinates with field office data stewards, the State Data Administrator, Geographic Information System (GIS) coordinators, and national data stewards. The State Data Steward reviews geospatial metadata for completeness and quality.
- <u>GIS Technical Lead</u> the GIS Technical Lead works with data stewards to convert business needs into GIS applications and derive data requirements and participates in the development of data standards. The GIS technical lead coordinates with system administrators and GIS coordinators to manage the GIS databases.

The GIS technical lead works with data editors to ensure the consistency and accordance with the established data standards of data input into the enterprise Spatial Database Engine (SDE) geodatabase. The GIS technical lead provides technical assistance and advice on GIS analysis, query, and display of the dataset.

- <u>State Data Administrator</u> the State Data Administrator provides information management leadership, data modeling expertise, and custodianship of the state data models. The State Data Administrator ensures compliance with defined processes for development of data standards and metadata, and process consistency and completeness. The State Data Administrator is responsible for making data standards and metadata accessible to all users. The State Data Administrator coordinates with data stewards and GIS coordinators to respond to national spatial data requests.
- <u>State FOIA/Privacy Act Team Lead</u> the State FOIA/Privacy Act team lead assists the state data steward to identify any privacy issues related to spatial data. The State FOIA/Privacy Act team lead also provides direction and guidance on data release, fees, and classification under the appropriate Freedom of Information Act exemption.
- <u>State Records Administrator</u> the state records administrator classifies data under the proper records retention schedule.

1.2 FOIA Category

These data fall under the standard Records Access Category 1B - BLM Records that may contain protected information that must be considered for segregation prior to release. See section 8 for more information on which data are available to the public.

1.3 Records Retention Schedule

The DRS/GRS/BLM Combined Records Schedule, under Schedule **20/52a3** (Electronic Records/Geographic Information Systems), lists the theme, **Land Use Planning designation boundaries**, as one of the system-centric themes that are significant for BLM's mission that must be permanently retained. Lands with Wilderness Characteristics is considered a Land Use Planning designation boundary.

"PERMANENT. Cutoff at the end of each Fiscal Year (FY) or when significant changes and additions have been made, before and after the change. Use BLM 20/52a. Transfer to the National Archives every three years after cutoff. Under the instruction in 36 CFR 1235.44-50 or whichever guidance is in place at the time of the transfer. Submissions are full datasets and are in addition to, not replacements of, earlier submissions."

Oregon/Washington (OR/WA) BLM Guidebook for Management of Geospatial Data (v1) Section 15.2 - Corporate Data Online Archives prescribes:

Vector annual archives are retained online for 12 years. Each year, data that has reached 12 years old is copied offline to be retained until no longer needed (determined by data stewards and program leads) with format and readability maintained in a five (5) year "tech refresh" update cycle."

1.4 Security/Access/Sensitivity

The Lands with Wilderness Characteristics theme does not require any additional security other than that provided by the General Support System (the hardware/software infrastructure of the OR/WA BLM).

This dataset is not sensitive and there are no internal restrictions on access to this data. This dataset falls under the standard Records Access Category 1B - BLM Records that may contain protected information that must be considered for segregation prior to release.

There are no privacy issues or concerns associated with these data themes. A privacy impact assessment was completed for this dataset on 3/10/2025.

1.5 Keywords

Keywords that can be used to locate this dataset include:

- BLM Thesaurus: Management, Wilderness, Geospatial
- Additional keywords: Wilderness Characteristics, LWC
- ISO Thesaurus: biota, environment

1.6 Subject Function Codes

BLM Subject Function codes used to describe this dataset include:

- 1283 Data Administration
- 9167 Geographic Information System (GIS)
- 6310 Conducting Wilderness Characteristics Inventory of BLM Lands
- 6320 Considering Lands with Wilderness Characteristics in the BLM Land Use Planning Process

2 Dataset Overview

2.1 Usage

This dataset serves as the repository of the latest inventory findings on the presence or absence of wilderness characteristics on all BLM lands in OR/WA that are outside of wilderness or wilderness study areas (WSA). It will also capture decisions the BLM has made regarding lands with wilderness characteristics through its land use planning process. This data will be used at all levels of planning and National Environmental Policy Act analysis to help identify if wilderness characteristics are present for a proposed planning area and how the BLM has decided to manage these lands through an RMP decision. This inventory information in combination with other resource data will also be used to help determine the potential effects of any proposed actions to wilderness characteristics where present.

2.2 Sponsor/Affected Parties

The sponsor for this data set is the Deputy State Director, Resource Planning, Use and Protection.

The data are defined by and specific to BLM. Matching interagency data across the landscape is not necessary. However, federal lands adjacent to BLM lands might be considered in the Wilderness Characteristics Inventory process and likewise, BLM lands might be considered by adjacent federal agencies performing similar inventories. Our non-governmental partners and members of the general public are affected to the extent that the BLM determines uses that should and should not be allowed within lands with wilderness characteristics through its RMPs. Private organizations and the public-at-large can provide data (maps, photos, written documentation) from their own inventories of BLM lands for wilderness characteristics and this information will be considered by the BLM. Implementation of an RMP may or may not preclude some activities in certain areas because of potential impact to wilderness characteristics; however, a decision to protect wilderness characteristics is discretionary and is a result of the planning process.

2.3 Relationship to Other Datasets, Databases, or Files

This dataset inherits and expands on the BLM National Lands with Wilderness Characteristics Data Standard. Information on this data standard is available at: <u>https://doimspp.sharepoint.com/sites/blm-oc/DataAdmin/DataStandards/SitePages/LWC.aspx</u> (internal BLM website).

Ground Transportation (GTRN) contains routes as they exist on the ground. GTRN changes in response to changes in the physical location of these linear features. The LWC_INVNTRY_POLY unit polygons reflect transportation linear features at a point in time. The LWC_ROAD_ARC retains the actual features at that point in time.

In this data standard, the term "road" refers to wilderness inventory roads: i.e., motorized routes that have been improved and maintained by mechanical means to insure relatively regular and continuous use. These roads often form the boundaries of lands with wilderness characteristics. They cannot occur within the boundaries of lands with wilderness characteristics. They cannot occur within the boundaries of lands with wilderness characteristics. They cannot occur within the boundaries of lands with wilderness characteristics. They cannot occur within the boundaries of lands outside of the context of the wilderness inventory road definition and as such the term "road" does not cleanly correlate between the two data standards. "Primitive routes" are routes that do not meet this definition; they may occur within the boundary of lands with wilderness characteristics. In GTRN, primitive routes include both "BLM primitive routes" and "BLM interim primitive routes.

There is no direct relationship between LWC and either Wilderness Study Areas or Wilderness other than the definition of wilderness characteristics. The BLM has no authority to designate new wilderness, as wilderness designation is a Congressional process. Inventory units that are granted protection by an RMP are duplicated (in whole or in part) on the LWC_MNGMNT_POLY dataset.

2.4 Data Category/Architecture Link

This data theme is a portion of the Oregon Data Framework (ODF) shown in Figure 1, Oregon Data Framework (ODF) Overview on page 9. The illustration is a simplified schematic of the entire ODF showing the overall organization and entity inheritance. The ODF utilizes the concept of inheritance to define specific instances of data. The ODF divides all OR/WA resource-related data into three general categories:

- Activities
- Resources
- Boundaries

These general categories are broken into sub-categories that inherit spatial characteristics and attributes from their parent category. These sub-categories may be further broken into more specific groups until the basic data set cannot be further sub-divided. Those basic data sets inherit all characteristics of all groups/categories above them. The basic data sets are where physical data gets populated. Those groups/categories above them do not contain actual data but set parameters which all data of that type must follow.



Figure 1 Oregon Data Framework Overview

For an easier to view version of the Oregon Data Framework diagram, go to: https://gis.blm.gov/ORDownload/DataFramework/BLM_ODF_Model_Mini_Status.pdf.

Physical data is populated in the basic data sets. Those groups/categories above them do not contain actual data but set parameters that all data of that type must follow. See Figure 2, Data Organization Structure for a simplified schematic of the entire ODF showing the overall organization and entity inheritance. The LWC entities are highlighted. For additional information about the ODF, contact the <u>State Data Administrator</u>. The State Data Administrator's contact information can be found at the following link: <u>https://www.blm.gov/about/data/oregon-data-management.</u>

In the ODF, LWC is considered a Resource, Boundary, and Activity and categorized as follows:



Figure 2 Data Organization Structure

2.5 Relationship to DOI Enterprise Architecture Data Resource Mode

The Department of the Interior (DOI) Enterprise Architecture contains a component called the Data Resource Model. This model addresses the concepts of data sharing, data description, and data context. This data standard provides information needed to address each of those areas. Data sharing is addressed through complete documentation and simple data structures which make sharing easier. Data description is addressed through the section on Attribute Descriptions. Data context is addressed through the data organization and structure portions of this document. In addition, the DOI Data Resource Model categorizes data by use of standardized Data Subject Areas and Information Classes. For this data set, the Data Subject Area and Information Class are:

- Data Subject Area: Geospatial
- Information Class: Location

3 Data Management Protocols

3.1 Accuracy Requirements

The LWC theme does not require a high level of accuracy. Accuracy of the polygon lines is captured in the line attribute ACCURACY_FT.

3.2 Collection, Input, and Maintenance Protocols

The protocol for collecting and maintaining LWC is defined in the manual: "BLM Manual 6310 - Conducting Wilderness Characteristics Inventory on BLM Lands (Public)" dated 1/8/2021 (https://www.blm.gov/sites/default/files/docs/2021-01/BLM-Policy-Manual-6310.pdf).

In addition to the BLM manual, the following guidance applies:

- Capture of any features that will determine unit boundaries, for example: roads, power lines, mining or other substantially disturbed areas, surface jurisdiction, WSA and Wilderness polygon lines. The type of line is again documented with the LWC_INVNTRY_ARC, LWC_INVNTRY_HIST_ARC, and LWC_MNGMNT_ARC attributes DEF_FEATURE and COORD_SRC. Note that power lines have DEF_FEATURE = "POWERLINE" whether the line is the power line itself or the ROW. The LWC national data standard tracks the coordinate source of the features at the polygon level, which does not allow for multiple values. For the OR/WA implementation, this field will be auto populated with OTH (Other) and hidden during data entry.
- The LWC_INVNTRY_STS field is filled with "excluded" for BLM areas where wilderness characteristics evaluation is not applicable. These might include urban, built-up, or heavily disturbed areas that are essentially in a permanently non-natural state.
- The LWC_ID is filled in according to the statewide naming/numbering convention.
- If there is an older inventory in the same location as a new inventory, move the features to the LWC_INVNTRY_HIST_POLY and LWC_INVNTRY_HIST_ARC feature classes. Add the older LWC_ID to the LWC_ID_HIST field in the new LWC_INVNTRY_POLY feature.
- Pending evaluation, units are reviewed at regular intervals until the evaluation is finalized and signed by the Field Manager. Update the unit to set SGND_YN = "Y", SGND_DATE = date signed, LWC_INVNTRY_STS and LWC_MNGMNT_STS set to the correct values.
- When an RMP decision is made to protect the wilderness characteristics of a unit, the relevant LWC_INVNTRY_POLY and corresponding LWC_INVNTRY_ARC features are copied to the LWC_MNGMNT_POLY and LWC_MNGMNT_ARC feature classes. A protected area might be smaller than the original inventory unit, so LWC_MNGMNT_POLY and LWC_MNGMNT_ARC would be adjusted accordingly. In addition, a single inventory unit may be divided and appear as multiple units in the management layer, each with a different management status. The original inventory unit remains unchanged on the LWC_INVNTRY dataset.
- The Wilderness Characteristics resource inventory should be updated when conditions on the ground change substantially. Changes to the naturalness or solitude/primitive and unconfined recreation may change, resulting in finding new LWC where we previously found none. Changes in roads or ownership can result in changes to the boundaries. The changed road(s) or ownership parcel(s) lines can be identified and replaced using the DEF_FEATURE attribute. In addition to changes in the defining feature itself, an improved coordinate source might become available, and the appropriate lines identified and replaced using COORD_SRC. If there is a great deal of change the entire theme can be recreated using the original capture protocol. Wilderness Characteristics units and the associated roads are not changed unless an update is deliberately undertaken. Otherwise, they are "frozen" at the year the determination was made.

3.3 Update Frequency and Archival Protocols

The unit of processing for updating the LWC theme is variable. A planning action or an independent inventory effort might trigger an update. Editors will "check-out" their district's LWC feature classes. They will then add, delete, or modify the features prior to "check-in." The district GIS Coordinator will approve update processes and provide assistance and oversight. Any new LWC units or changes along edges that match an adjoining district (including those in adjacent states) must be coordinated with that district.

How frequently LWC is updated is determined by the state and district Data stewards with input from the District GIS Coordinator (who is aware of changes to roads and ownership which impact the currency of LWC).

3.4 Statewide Monitoring

The State Data Steward in conjunction with the Lead GIS Specialist and district data stewards are responsible for reviewing the LWC theme across the state at least once per year. All that is required is a relatively quick look at the final LWC determinations to check for:

- Data gaps and holes due to BLM land acquisitions.
- Incorrect classifications due to changes in protected or disturbed areas or program policy.
- Valid final LWC_INVNTRY_STS and LWC_MNGMNT_STS.

Each year, geospatial staff of the BLM Division of Resources, Lands, and Minerals meet with each state data steward for every corporate geospatial theme to conduct an annual review of the data. During the annual review, geospatial staff present the state data stewards with a report detailing Quality Assurance/Quality Control (QAQC) results performed on the data. The QAQC does the following:

- Checks that all attribute values conform to the range or coded-value domains to which they are applied.
- Checks that all attributes marked as required in the data standard have values.
- Checks for duplicate features which have the same geometry and attributes.
- Checks for overlapping features if forbidden by the data standard.
- Checks for invalid geometry.
- Other checks as necessary (can be customized according to the data standard).

In addition to this report, geospatial staff conduct a qualitative needs assessment with the steward to identify any unmet needs or problems with the status of the data. At the conclusion of the review, the team records the steward's approvals of the datasets reviewed. These approvals are then added to the corporate metadata.

4 Lands with Wilderness Characteristics Schema (simplified)

General Information: Attributes are listed in the order they appear in the geodatabase feature class. The order is an indication of the importance of the attribute for theme definition and use. There are no aliases unless specifically noted. The domains used in this data standard can be found in Appendix A. These are the domains at the time the data standard was approved. Domains can be changed without a re-issue of the data standard. Current domains are found on the internal OR/WA SharePoint data management page. Some of the domains used in this data standard are also available at the following web site: <u>https://www.blm.gov/about/data/oregon-data-management.</u>

For domains not listed at that site contact: State Data Administrator.

4.1 LWC Inventory Feature Dataset

4.1.1 LWC_INVNTRY_POLY Feature Class (LWC Inventory Polygons)

For domain and default values, see Section 7 Attribute Characteristics and Definition (In alphabetical order) in this document.

Attribute Name	Data Type	Lengt h	Default Value	Require d	Domain
LWC_ID	String	12		Yes	
UNIT_NAME	String	100		Yes	
SUB_UNIT_NAME	String	100		No	
LWC_INVNTRY_STS	String	20	not inventoried	No	LWC_DOM_INVNTRY_STS
LWC_INVNTRY_SIZE_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
LWC_NEXT_WILD_AREA_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
LWC_NTRLNS_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
LWC_SLTDE_PRMTVE_UNCNFND_RE C_YN	String	9	both	Yes	LWC_DOM_SLTDE_PRMTVE_UNCNFND_R EC_YN
SPLMNTL_VALUE_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
REASON	String	300		No	
LWC_ID_HIST	String	100		No	
PRVS_INVNTRY_NOTE	String	500		No	
COMMENTS	String	300		No	
SGND_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
SGND_DATE	Date			No	
DATA_RLSBLTY_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
LWC_MNGMNT_STS	String	30	no rmp decision	Yes	LWC_DOM_MGMT_STS
GIS_ACRES	Doubl e			Yes *	
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
ADMIN_ST	String	2	OR	Yes *	DOM_ADMIN_ST
ADMIN_UNIT_CD	String	8	OR0000 00	Yes *	DOM_ADMIN_UNIT_CD

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Attribute Name	Data Type	Lengt h	Default Value	Require d	Domain
COORD_SRC_TYPE	String	5	OTH	Yes	DOM_COORD_SRC_TYPE
VERSION_NAME	String	50	InitialLoad	Yes **	
BLM_CREATED_BY	String	30	UNK	Yes *	
BLM_CREATED_DATE	Date		9/9/9999	Yes *	
BLM_MODIFY_BY	String	30		No *	
BLM_MODIFY_DATE	Date			No *	
GLOBALID	GUID			Yes *	

* Values automatically generated

** Enforced during quality control, may appear in data as not required

*** Maintained through versioning tools, may appear not required in database

4.1.2 LWC_INVNTRY_ARC Feature Class (LWC Inventory Lines)

For domain and default values, see Section 7 Attribute Characteristics and Definition (In alphabetical order) in this document.

Attribute Name	Data Type	Length	Default Value	Required	Domain
DEF_FEATURE	String	25	UNKNOWN	Yes	dom_DEF_FEATURE
COORD_SRC	String	7	UNK	Yes	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
BLM_CREATED_BY	String	30	UNK	Yes *	
BLM_CREATED_DATE	Date		9/9/9999	Yes *	
BLM_MODIFY_BY	String	30		No *	
BLM_MODIFY_DATE	Date			No *	
GLOBALID	GUID			Yes *	

* Values automatically generated

- ** Enforced during quality control, may appear in data as not required
- *** Maintained through versioning tools, may appear not required in database

4.2 LWC Inventory Historic Feature Dataset

4.2.1 LWC_INVNTRY_HIST_POLY Feature Class (LWC Inventory Historic Polygons)

For domain and default values, see Section 7 Attribute Characteristics and Definition (In alphabetical order) in this document.

Attribute Name	Data Type	Lengt h	Default Value	Require d	Domain
LWC_ID	String	12		Yes	
UNIT_NAME	String	100		Yes	
SUB_UNIT_NAME	String	100		No	
LWC_INVNTRY_STS	String	20	not inventoried	No	LWC_DOM_INVNTRY_STS
LWC_INVNTRY_SIZE_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
LWC_NEXT_WILD_AREA_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
LWC_NTRLNS_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
LWC_SLTDE_PRMTVE_UNCNFND_RE C_YN	String	9	none	Yes	LWC_DOM_SLTDE_PRMTVE_UNCNFND_R EC_YN
SPLMNTL_VALUE_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
REASON	String	300		No	
LWC_ID_HIST	String	100		No	
PRVS_INVNTRY_NOTE	String	500		No	
COMMENTS	String	300		No	
SGND_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
SGND_DATE	Date			No	
DATA_RLSBLTY_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
GIS_ACRES	Doubl e			Yes *	
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
ADMIN_ST	String	2	OR	Yes *	DOM_ADMIN_ST
ADMIN_UNIT_CD	String	8	OR0000 00	Yes *	DOM_ADMIN_UNIT_CD
COORD_SRC_TYPE	String	5	OTH	Yes	DOM_COORD_SRC_TYPE
VERSION_NAME	String	50	InitialLoad	Yes **	
BLM_CREATED_BY	String	30	UNK	Yes *	
BLM_CREATED_DATE	Date		9/9/9999	Yes *	
BLM_MODIFY_BY	String	30		No *	
BLM_MODIFY_DATE	Date			No *	
GLOBALID	GUID			Yes *	

* Values automatically generated

** Enforced during quality control, may appear in data as not required

*** Maintained through versioning tools, may appear not required in database

4.2.2 LWC_INVNTRY_HIST_ARC Feature Class (LWC Inventory Historic Lines)

For domain and default values, see Section 7 Attribute Characteristics and Definition (In alphabetical order) in this

Attribute Name	Data Type	Length	Default Value	Required	Domain
DEF_FEATURE	String	25	UNKNOWN	Yes	dom_DEF_FEATURE
COORD_SRC	String	7	UNK	Yes	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
BLM_CREATED_BY	String	30	UNK	Yes *	
BLM_CREATED_DATE	Date		9/9/9999	Yes *	
BLM_MODIFY_BY	String	30		No *	
BLM_MODIFY_DATE	Date			No *	
GLOBALID	GUID			Yes *	

* Values automatically generated

- ** Enforced during quality control, may appear in data as not required
- *** Maintained through versioning tools, may appear not required in database

4.3 LWC Management Feature Dataset

4.3.1 LWC_MNGMNT_POLY Feature Class (LWC Management Polygons)

For domain and default values, see Section 7 Attribute Characteristics and Definition (In alphabetical order) in this document.

Attribute Name	Data Type	Length	Default Value	Required	Domain
LWC_ID	String	12		Yes	
UNIT_NAME	String	100		Yes	
SUB_UNIT_NAME	String	100		No	
LWC_MNGMNT_STS	String	30	no rmp decision	Yes	LWC_DOM_MGMT_STS
ROD_DATE	Date		9/9/9999	Yes	
MNGMNT_UNIT_NAME	String	100		Yes	
MNGMNT_DOC_URL	String	500		No	
NEPA_ID	String	30		No	
COMMENTS	String	300		No	
DATA_RLSBLTY_YN	String	3	NO	Yes	DOM_YES_NO_ONLY
GIS_ACRES	Double	12		Yes *	
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
ADMIN_ST	String	2	OR	Yes *	DOM_ADMIN_ST
COORD_SRC_TYPE	String	5	OTH	Yes	DOM_COORD_SRC_TYPE
ADMIN_UNIT_CD	String	8	OR000000	Yes *	DOM_ADMIN_UNIT_CD

Attribute Name	Data Type	Length	Default Value	Required	Domain
VERSION_NAME	String	50	InitialLoad	Yes ***	
BLM_CREATED_BY	String	30	UNK	Yes *	
BLM_CREATED_DATE	Date		9/9/9999	Yes *	
BLM_MODIFY_BY	String	30		No *	
BLM_MODIFY_DATE	Date			No *	
GLOBALID	GUID			Yes *	

* Values automatically generated

** Enforced during quality control, may appear in data as not required

*** Maintained through versioning tools, may appear not required in database

4.3.2 LWC_MNGMNT_ARC Feature Class (LWC Management Lines)

For domain and default values, see Section 7 Attribute Characteristics and Definition (In alphabetical order) in this document.

Attribute Name	Data Type	Length	Default Value	Required	Domain
DEF_FEATURE	String	25	UNKNOWN	Yes	dom_DEF_FEATURE
COORD_SRC	String	7	UNK	Yes	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
BLM_CREATED_BY	String	30	UNK	Yes *	
BLM_CREATED_DATE	Date		9/9/9999	Yes *	
BLM_MODIFY_BY	String	30		No *	
BLM_MODIFY_DATE	Date			No *	
GLOBALID	GUID			Yes *	

* Values automatically generated

** Enforced during quality control, may appear in data as not required

*** Maintained through versioning tools, may appear not required in database

4.4 LWC_ROAD_ARC Feature Class (LWC Road Lines)

For domain and default values, see Section 7 Attribute Characteristics and Definition (In alphabetical order) in this document.

Attribute Name	Data Type	Length	Default Value	Required	Domain
BOUNDARY	String	1		Yes	dom_YN
YEAR_EVAL	String	4		Yes	
LWC_ID	String	12		Yes	

Attribute Name	Data Type	Length	Default Value	Required	Domain
LWC_ID2	String	12		No	
RT_NAME1	String	30		No	
FRMWK_ID	String	9		No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
BLM_CREATED_BY	String	30	UNK	Yes *	
BLM_CREATED_DATE	Date		9/9/9999	Yes *	
BLM_MODIFY_BY	String	30		No *	
BLM_MODIFY_DATE	Date			No *	
GLOBALID	GUID			Yes *	

- * Values automatically generated
- ** Enforced during quality control, may appear in data as not required
- *** Maintained through versioning tools, may appear not required in database

5 **Projection and Spatial Extent**

All feature classes and feature data sets are in Geographic, North American Datum (NAD) 83. Units are decimal degrees. Spatial extent (area of coverage) includes all lands in the states of OR/WA. See the metadata for this data set for more precise description of the extent.

6 Spatial Entity Characteristics

- LWC_INVNTRY_POLY
 - Description: Instance of Potential Resources group. Wilderness Characteristics such as solitude and naturalness are subject to interpretation and so may be thought of as "potential.
 - Geometry: Polygons may cover all BLM lands "wall-to-wall," but this is not required. Polygons may have gaps, but no overlaps.
 - Topology: Yes. LWC_INVNTRY_POLY lines are coincident with LWC_INVNTRY_ARC and are contained within the feature dataset LWC_Inventory.
 - Integration Requirements: None
- LWC_INVNTRY_HIST_POLY
 - Description: Instance of Potential Resources group. Wilderness Characteristics such as solitude and naturalness are subject to interpretation and so may be thought of as "potential." Contains features that were inventoried in the past and have been replaced a newer inventory.
 - Geometry: Polygons may cover all BLM lands "wall-to-wall," but this is not required. Polygons may have gaps and overlaps.
 - Topology: Yes. LWC_INVNTRY_HIST_POLY lines are coincident with LWC_INVNTRY_HIST_ARC and are contained within the feature dataset LWC_Inventory.
 - o Integration Requirements: None
- LWC_MNGMNT_POLY

- Description: Instance of Existing Special Management Areas. Areas that have been defined by a Resource Management Plan to be managed for wilderness characteristics.
- Geometry: Polygons may cover all BLM lands "wall-to-wall," but this is not required. Polygons may have gaps, but no overlaps.
- Topology: Yes. LWC_MNGMNT_POLY lines are coincident with LWC_MNGMNT_ARC and are contained within the feature dataset LWC_Management.
- o Integration Requirements: None
- LWC_INVNTRY_ARC
 - Description: Instance of Resource Potential Line group. Lines making up the area perimeters of LWC_INVNTRY_POLY and segmented as needed to indicate a change in either what defines the section of boundary and/or the source of the actual GIS coordinates.
 - o Geometry: Simple, non-overlapping lines that are split between endpoints as needed.
 - Topology: Yes. LWC_INVNTRY_POLY lines are coincident with LWC_INVNTRY_ARC lines and are contained within the feature dataset LWC_Management.
 - Integration Requirements: Line segments must be coincident with the source data indicated by attributes DEF FEATURE and COORD SRC either through duplication or snapping.
- LWC_INVNTRY_HIST_ARC
 - Description: Instance of Resource Potential Line group. Lines making up the area perimeters of LWC_INVNTRY_HIST_POLY and segmented as needed to indicate a change in either what defines the section of boundary and/or the source of the actual GIS coordinates.
 - Geometry: Simple, non-overlapping lines that are split between endpoints as needed.
 - Topology: Yes. LWC_INVNTRY_HIST_POLY lines are coincident with LWC_INVNTRY_HIST_ARC lines and are contained within the feature dataset LWC.
 - Integration Requirements: Line segments must be coincident with the source data indicated by attributes DEF_FEATURE and COORD_SRC either through duplication or snapping.
- LWC_MNGMNT_ARC
 - Description: Instance of Special Management Area Lines. Lines making up the area perimeters of LWC_MNGMNT_POLY and segmented as needed to indicate a change in either what defines the section of boundary and/or the source of the actual GIS coordinates.
 - o Geometry: Simple, non-overlapping lines that are split between endpoints as needed.
 - Topology: Yes. LWC_MNGMNT_POLY lines are coincident with LWC_MNGMNT_ARC lines and are contained within the feature dataset LWC.
 - Integration Requirements: Line segments must be coincident with the source data indicated by attributes DEF_FEATURE and COORD_SRC either through duplication or snapping.
- LWC_ROAD_ARC
 - Description: Instance of Activities Existing Facilities. Centerlines of road segments that are associated with LWC_INVNTRY_POLY units are duplicated to this feature class.
 - o Geometry: Simple, non-overlapping lines that are split between endpoints as needed.
 - Topology: No.
 - Integration Requirements: LWC_ROAD_ARC segments should be copied from the GTRN dataset or (if a new route) copied to GTRN and otherwise update GTRN lines and attributes so that there is coincidence at the point in time that the Wilderness Characteristics determination is

made.

7 Attribute Characteristics and Definition (In alphabetical order)

7.1 ACCURACY_FT

Geodatabase Name	ACCURACY_FT
BLM Structured Name	Accuracy_Feet_Measure
Inheritance	Inherited from entity Political and Administrative Line
Alias Name	Accuracy (ft)
Feature Class Use/Entity Table	LWC_INVNTRY_ARC, LWC_INVNTRY_HIST_ARC, LWC_MNGMNT_ARC
Definition	How close, in feet, the spatial GIS depiction is to the actual location on the ground. There are several factors to consider in GIS error: scale and accuracy of map-based sources, accuracy of GPS equipment, and the skill level of the data manipulators. A value of "0" indicates no entry was made. This is the correct value when the COORD_SRC is another GIS theme (e.g., DLG, CADNSDI) because the accuracy is determined by that theme. However, if COORD_SRC is MAP (digitized from a paper map) or GPS, a value of "0" indicates a missing value that should be filled in either with a non-zero number or "-1." A value of "-1" indicates that the accuracy is unknown, and no reliable estimate can be made.
Required/Optional	Optional
Domain (Valid Values)	No domain
Data Type	Short Integer

7.2 ADMIN_ST

Geodatabase Name	ADMIN_ST
BLM Structured Name	Administrative_State_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Administrative State
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY
Definition	An administrative unit that identifies the state or geographic area which has administrative jurisdiction over lands, and cases. The land for a case may not be physically located in the associated administrative state. Only those states that are BLM administrative states are in the domain for this entity. For instance, the administrative state of Oregon is responsible for both Oregon and Washington. The default value for this field is "OR."
Required/Optional	Required
Domain (Valid Values)	DOM_ADMIN_ST
Data Type	String (2)

7.3 ADMIN_UNIT_CD

Geodatabase Name	ADMIN_UNIT_CD
BLM Structured Name	Administrative_Unit_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Administrative Unit Code
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY
Definition	The BLM administrative unit/office that is a combination of Administrative State Code and Administrative Office Code that fully identifies the geographic area which has jurisdiction over the lands. This field is auto populated from the BLM_ORG_CD field.
Required/Optional	Required
Domain (Valid Values)	DOM_ADMIN_UNIT_CD
Data Type	String (8)

7.4 BLM_CREATED_BY

Geodatabase Name	BLM_CREATED_BY
BLM Structured Name	Record_Created_By_Text
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Created By
Feature Class Use/Entity Table	All feature classes and tables
Definition	The BLM login ID of the person who entered the data. The default value for this field is UNK. This field is auto populated during editing.
Required/Optional	Required
Domain (Valid Values)	No domain. Examples: jdoe, msmith
Data Type	String (30)

7.5 BLM_CREATED_DATE

Geodatabase Name	BLM_CREATED_DATE
BLM Structured Name	Record_Created_Date
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Created Date
Feature Class Use/Entity Table	All feature classes and tables
Definition	The date the record was entered. The default value for this field is 1/1/8888. This field is auto populated during editing.

Required/Optional	Required
Domain (Valid Values)	No domain. Examples: 1/5/1999, 10/15/2021
Data Type	Date

7.6 BLM_MODIFY_BY

Geodatabase Name	BLM_MODIFY_BY
BLM Structured Name	Record_Last_Modified_By_Text
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Modified By
Feature Class Use/Entity Table	All feature classes and tables
Definition	The BLM login ID of the person who last edited the data. The default value for this field is UNK. This field is auto populated during editing.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: jdoe, msmith
Data Type	String (30)

7.7 BLM_MODIFY_DATE

Geodatabase Name	BLM_MODIFY_DATE
BLM Structured Name	Record_Last_Modified_Date
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Modified Date
Feature Class Use/Entity Table	All feature classes and tables
Definition	The date the record was last edited. The default value for this field is $1/1/8888$. This field is auto populated during editing.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1/5/1999, 10/15/2021
Data Type	Date

7.8 BLM_ORG_CD

Geodatabase Name	BLM_ORG_CD
BLM Structured Name	Administrative_Unit_Organization_Code
Inheritance	Inherited from Entity ODF
Alias Name	BLM Organization Code

Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY
Definition	A combination of the BLM administrative state and field office which has administrative responsibility for the spatial entity. This includes which office covers the entity for planning purposes and which office is the lead for GIS edits. Another agency or individual may have the physical management responsibility for the on-the-ground entity. This field applies particularly when a spatial entity crosses resource area or district boundaries, and the administrative responsibility is assigned to one or the other rather than splitting the spatial unit. Similarly, OR/WA BLM may have administrative responsibility over some area that is physically located in Nevada, Idaho, and California and vice versa. When appropriate, the office can be identified only to the district or state level rather than to the resource area level.
Required/Optional	Required
Domain (Valid Values)	dom_BLM_ORG_CD
Data Type	String (5)

7.9 BOUNDARY

Geodatabase Name	BOUNDARY
BLM Structured Name	Wilderness_Characteristics_Road_Boundary_Code
Inheritance	Not Inherited
Alias Name	Boundary
Feature Class Use/Entity Table	LWC_ROAD_ARC
Definition	Categorizes road segments associated with wilderness characteristics unit boundary decisions. Some of these road segments will be duplicated on the unit boundary line (LWC_INVNTRY_ARC) and some will not.
Required/Optional	Required
Domain (Valid Values)	dom_YN
Data Type	String (1)

7.10 COMMENTS

Geodatabase Name	COMMENTS
BLM Structured Name	Comments_Text
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Comments
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY
Definition	Free form Comments concerning the LWC.
Required/Optional	Optional
Domain (Valid Values)	No domain.

String (300)

7.11 COORD_SRC

Geodatabase Name	COORD_SRC
BLM Structured Name	Coordinate_Source_Code
Inheritance	Inherited from entity Potential Resources Line
Alias Name	Coordinate Source
Feature Class Use/Entity Table	LWC_INVNTRY_ARC, LWC_INVNTRY_HIST_ARC, LWC_MNGMNT_ARC
Definition	The actual source of the GIS coordinates for the line segments. If the line is copied from another theme and already has COORD_SRC, it should be reviewed and may need to be changed for use in this dataset.
Required/Optional	Required
Domain (Valid Values)	dom_COORD_SRC
Data Type	String (7)

7.12 COORD_SRC_TYPE

Geodatabase Name	COORD_SRC_TYPE
BLM Structured Name	Coordinate_Source_Type_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Coordinate Source Type
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY
Definition	The name that identifies the general category for the origin of the location coordinate, representing a compilation of the state adopted source codes. The domain contains those values that would most likely be used in the determination of source codes for the data set. The default value for this field is "OTH - All records to be assigned other because we are tracking feature source in the arc layer."
Required/Optional	Required
Domain (Valid Values)	DOM_COORD_SRC_TYPE
Data Type	String (5)

7.13 DATA_RLSBLTY_YN

Geodatabase Name	DATA_RLSBLTY_YN
BLM Structured Name	Data_Releasability_Code

Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Data Releasability
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY
Definition	A Yes/No field Indicating whether or not the record is approved to publish for public use. Records Access Category 1A - Public Data These are externally provided data made available to the public and are considered public domain. These data contain no sensitive information which would be prevented from disclosure by Freedom of Information Act (FOIA), the Privacy Act or other laws. DATA_RLSBLTY_CD attribute will be populated YES for this data.
	Records Access Category 2 - Non-Public Data, Internal Use These are BLM data that could contain information that should not be disclosed to the public because of the Privacy Act or FOIA. It may be requested by the public through FOIA.
	The data to be published for public use under Category 1A will be a subset of the complete data that will be available for internal BLM use. Easements and reservations that provide administrative access only will not be published/provided to the public. A field in the dataset/geodatabase attributes will be added as publish Yes/No. Upon field office review and QC of the data they will confirm the Yes for public access features. The data that is defined by publish "No" would fall under Category 2 and the publish "Yes" under Category 1A.
	The field office is responsible for identifying data that can be displayed to the public.
Required/Optional	Required
Domain (Valid Values)	DOM_YES_NO_ONLY
Data Type	String (3)

7.14 DEF_FEATURE

Geodatabase Name	DEF_FEATURE
BLM Structured Name	Defining_Feature_Code
Inheritance	Inherited from entity Potential Resources Line
Alias Name	Defining Feature
Feature Class Use/Entity Table	LWC_INVNTRY_ARC, LWC_INVNTRY_HIST_ARC, LWC_MNGMNT_ARC
Definition	Physical feature that forms the boundary. The default value for this field is UNKNOWN.
Required/Optional	Required
Domain (Valid Values)	dom_DEF_FEATURE

Data	т
Data	I ype

String (25)

7.15 FRMWK_ID

Geodatabase Name	FRMWK_ID
BLM Structured Name	GTRN_Framework_Identifier
Inheritance	None
Alias Name	Framework ID
Feature Class Use/Entity Table	LWC_ROAD_ARC
Definition	Framework ID from OR/WA Ground Transportation (GTRN) source line
Required/Optional	Optional
Domain (Valid Values)	No domain
Data Type	String (9)

7.16 GIS_ACRES

Geodatabase Name	GIS_ACRES
BLM Structured Name	GIS_Acres_Measure
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	GIS Acres
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY
Definition	The entire acreage of the polygon regardless of land status.
	GIS_ACRES is calculated using the NAD 1983 Albers Equal Area project except for the following OR/WA Districts:
	Prineville: NAD 1983 USFS R6 Albers
	Coos Bay, Eugene, Lakeview, Medford, Roseburg, Salem: NAD 1983 UTM Zone 10N
	Burns, Spokane, Vale: NAD 1983 UTM Zone 11N
Required/Optional	Required (automatically generated)
Domain (Valid Values)	No domain
Data Type	Double

7.17 GLOBALID

Geodatabase Name	GLOBALID
BLM Structured Name	Global_Unique_Identifier
Inheritance	Inherited from entity ODF
Alias Name	None

Feature Class Use/Entity Table	All feature classes and tables
Definition	An alpha-numeric code that serves as the universal and unique identifier for each feature within the feature class or table of a geodatabase. Software generated value. A field of type UUID (Universal Unique Identifier) in which values are automatically assigned by the geodatabase when a row is created. This field is not editable and is automatically populated when it is added for existing data.
Required/Optional	Required
Domain (Valid Values)	No domain. Example: {4747B796-44B4-4628-B069-2D496422E59F}
Data Type	GUID

7.18 LWC_ID

Geodatabase Name	LWC_ID
BLM Structured Name	LWC_Unique_Identifier
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	LWC Unique Identifier
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY, LWC_ROAD_ARC
Definition	The identifier for an LWC assigned as part of the inventory process. As per BLM Manual 6310 - Conducting Wilderness Characteristics Inventory on BLM Lands (Public)" dated 1/8/2021 (https://www.blm.gov/sites/default/files/docs/2021-01/BLM-Policy-Manual-6310.pdf)., each area will be assigned a unique identifier using a two-letter state code, office code, and an inventory area number, e.g. NV-030-051. Where possible, numbers assigned should build on the original inventory. LWC_ID remains the same through any inventory/managed status. Also used on the associated roads feature class (LWC_ROAD_ARC) to indicate which unit the road falls within or forms a boundary for.
Required/Optional	Required
Domain (Valid Values)	No domain. Example: OR-015-065
Data Type	String (12)

7.19 LWC_ID2

Geodatabase Name	LWC_ID2
BLM Structured Name	LWC_Unique_Identifier
Inheritance	Not Inherited
Alias Name	LWC 2 nd Unique Identifier
Feature Class Use/Entity Table	LWC_ROAD_ARC
Definition	Used only as needed on the associated roads feature class (LWC_ROAD_ARC) to identify a second unit polygon in the case where a

	road segment is a shared boundary between two units. Copied from the LWC_ID of the 2nd unit.
Required/Optional	Optional
Domain (Valid Values)	No domain. Example: OR-015-065
Data Type	String (12)

7.20 LWC_ID_HIST

Geodatabase Name	LWC_ID_HIST
BLM Structured Name	LWC_Historical_Unique_Identifier
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	LWC Historical Unique Identifier
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	The historical unique identifier previously used for an inventory.
Required/Optional	Optional
Domain (Valid Values)	No domain. Example: OR-015-065
Data Type	String (100)

7.21 LWC_INVNTRY_SIZE_YN

Geodatabase Name	LWC_INVNTRY_SIZE_YN
BLM Structured Name	LWC_Size_Greater_than_5000_Acres_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Size Greater than 5000 Acres
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	Yes/No indicating if LWC Inventory Area size is greater than 5000 acres or less but adjacent to another protected area per BLM Manual 6310 - Conducting Wilderness Characteristics Inventory on BLM Lands (Public)" dated 1/8/2021 (https://www.blm.gov/sites/default/files/docs/2021-01/BLM- Policy-Manual-6310.pdf). guidance.
Required/Optional	Required
Domain (Valid Values)	DOM_YES_NO_ONLY
Data Type	String (3)

7.22 LWC_INVNTRY_STS

Geodatabase Name	LWC_INVNTRY_STS
BLM Structured Name	LWC_Inventory_Status_Code

Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	LWC Inventory Status
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	The status which determines whether the unit is inventoried or not, and if it contains Lands with Wilderness Characteristics. LWC Units may or may not meet the criteria for LWC but have not been given a management decision through an RMP. The 'Not Inventoried' status may include wilderness boundary roads between inventory units.
Required/Optional	Optional
Domain (Valid Values)	LWC_DOM_INVNTRY_STS
Data Type	String (20)

7.23 LWC_MNGMNT_STS

Geodatabase Name	LWC_MNGMNT_STS
BLM Structured Name	LWC_Management_Status_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	LWC Management Status
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_MNGMNT_POLY
Definition	Indicates how the area determined to have LWC will be managed. Areas may be managed to protect, managed with restrictions, managed for other multiple uses, or have no RMP decision.
Required/Optional	Required
Domain (Valid Values)	LWC_DOM_MGMT_STS
Data Type	String (30)

7.24 LWC_NEXT_WILD_AREA_YN

Geodatabase Name	LWC_NEXT_WILD_AREA_YN
BLM Structured Name	LWC_Next_to_Wilderness_Area_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Next to Wilderness Area or Wilderness Study Area
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	A yes/no field indicating if LWC Inventory Area contiguous with a Designated Wilderness Area or Wilderness Study Area. For example, if a unit is across a road from a wilderness area, that unit should not get a Yes for this attribute.
Required/Optional	Required
Domain (Valid Values)	DOM_YES_NO_ONLY

String (3)

7.25 LWC_NTRLNS_YN

Geodatabase Name	LWC_NTRLNS_YN
BLM Structured Name	LWC_Naturalness_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Naturalness
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	A yes/no field indicating if LWC Inventory Area Shows characteristics of Naturalness in that it generally appears to have been affected primarily by the forces of nature with the imprint of people's work substantially unnoticeable.
Required/Optional	Required
Domain (Valid Values)	DOM_YES_NO_ONLY
Data Type	String (3)

7.26 LWC_SLTDE_PRMTVE_UNCNFND_REC_YN

Geodatabase Name	LWC_SLTDE_PRMTVE_UNCNFND_REC_YN
BLM Structured Name	LWC_Solitude_Primitive_Unconfined_Recreation_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Solitude and Primitive and Unconfined Recreation
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	A yes/no field indicating if LWC Inventory Area has outstanding opportunities for solitude or primitive and unconfined recreation.
Required/Optional	Required
Domain (Valid Values)	LWC_DOM_SLTDE_PRMTVE_UNCNFND_REC_YN
Data Type	String (9)

7.27 MNGMNT_DOC_URL

Geodatabase Name	MNGMNT_DOC_URL
BLM Structured Name	LWC_Management_Document_URL_Text
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Management Document URL
Feature Class Use/Entity Table	LWC_MNGMNT_POLY

Definition	A BLM URL to the read-only Resource Management Plan in ePlanning. This field may contain several comma-separated links to several documents.
Required/Optional	Optional
Domain (Valid Values)	No domain. Example: https://eplanning.blm.gov/eplanning- ui/project/114300/510
Data Type	String (500)

7.28 MNGMNT_UNIT_NAME

Geodatabase Name	MNGMNT_UNIT_NAME
BLM Structured Name	LWC_Management_Unit_Name_Text
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Management Unit Name
Feature Class Use/Entity Table	LWC_MNGMNT_POLY
Definition	General name description of the management unit or RMP. This would be the Field Office, Monument or NCA name, or similar management unit.
Required/Optional	Required
Domain (Valid Values)	No domain. Example: Lakeview Resource Management Plan Amendment
Data Type	String (100)

7.29 NEPA_ID

Geodatabase Name	NEPA_ID
BLM Structured Name	NEPA_Plan_Identifier
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	NEPA Plan Identifier
Feature Class Use/Entity Table	LWC_MNGMNT_POLY
Definition	The official NEPA Plan ID for the plan authorizing the management status.
Required/Optional	Optional
Domain (Valid Values)	No domain. Example: OI-BLM-ORWA-L050-2018-0030-RMP-EIS
Data Type	String (50)

7.30 PRVS_INVNTRY_NOTE

Geodatabase Name	PRVS_INVNTRY_NOTE
BLM Structured Name	LWC_Previous_Inventory_Note_Text
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard

Alias Name	Previous Inventory Note
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	Notes on any past LWC inventories, such as dates and where they are filed, that could be helpful for interpreting current LWC inventory issues.
Required/Optional	Optional
Domain (Valid Values)	No domain.
Data Type	String (500)

7.31 REASON

Geodatabase Name	REASON
BLM Structured Name	LWC_Reason_Text
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Reason
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	Assists in identifying which neighboring wilderness area, WSA, or other protected area as listed in the MS-6310, Section 1.6.C.2.a, gives the area LWC if below the 5,000-acre minimum.
Required/Optional	Optional
Domain (Valid Values)	No domain.
Data Type	String (300)

7.32 ROD_DATE

Geodatabase Name	ROD_DATE
BLM Structured Name	Record_of_Decision_Date
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Record of Decision Date
Feature Class Use/Entity Table	LWC_MNGMNT_POLY
Definition	Date the unit became official through a Record of Decision
Required/Optional	Required
Domain (Valid Values)	No domain. Example: 1/15/2025
Data Type	Date

7.33 RT_NAME1

|--|

BLM Structured Name	Route_Primary_Name
Inheritance	Not Inherited
Alias Name	Route Primary Name
Feature Class Use/Entity Table	LWC_ROAD_ARC
Definition	Route name from GTRN or, if none, a new name based on the UNIT_ID. The suggested format is UNIT_ID followed by a dash followed by a sequential number for each route within the unit.
Required/Optional	Optional
Domain (Valid Values)	No domain. Example entry: OR-035-002-1, Foster Flat Road
Data Type	String (30)

7.34 SGND_DATE

Geodatabase Name	SGND_DATE	
BLM Structured Name	LWC_Signed_Date	
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard	
Alias Name	Signed Date	
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY	
Definition	The date the inventory was signed/approved by the Authorized Officer.	
Required/Optional	Optional	
Domain (Valid Values)	No domain. Example: 1/15/2025	
Data Type	Date	

7.35 SGND_YN

Geodatabase Name	SGND_YN
BLM Structured Name	LWC_Signed_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Signed Yes/No
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	Yes/No field indicating if the inventory was signed by an authorizing officer.
Required/Optional	Optional
Domain (Valid Values)	DOM_YES_NO_ONLY
Data Type	String (3)

7.36 SPLMNTL_VALUE_YN

Geodatabase Name	SPLMNTL_VALUE_YN
BLM Structured Name	LWC_Supplemental_Value_Code
Inheritance	Inherited from BLM National Lands with Wilderness Characteristics Standard
Alias Name	Supplemental Value
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY
Definition	A yes/no field indicating the LWC has supplemental values that may include one or more of the following: ecological, geological, scientific, educational, scenic, or historical. LWC may have supplemental values, but supplemental values are not required for LWC.
Required/Optional	Required
Domain (Valid Values)	DOM_YES_NO_ONLY
Data Type	String (3)

7.37 SUB_UNIT_NAME

Geodatabase Name	SUB_UNIT_NAME	
BLM Structured Name	Wilderness_Characteristics_Potential_Sub_Unit_Name	
Inheritance	None	
Alias Name	Not Inherited	
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY	
Definition	Descriptive name used to identify sub-units within a unit	
Required/Optional	Optional	
Domain (Valid Values)	No domain	
Data Type	String (100)	

7.38 UNIT_NAME

Geodatabase Name	UNIT_NAME
BLM Structured Name	Wilderness_Characteristics_Potential_Unit_Name
Inheritance	None
Alias Name	Not Inherited
Feature Class Use/Entity Table	LWC_INVNTRY_POLY, LWC_INVNTRY_HIST_POLY, LWC_MNGMNT_POLY
Definition	Descriptive name identifier for each Wilderness Characteristic unit. Mixed case words, preferably with a local geographic reference. Unique for OR/WA.
Required/Optional	Required. If there is no name, "None" is acceptable.

Domain (Valid Values)	No domain
Data Type	String (100)

7.39 VERSION_NAME

Geodatabase Name	VERSION_NAME
BLM Structured Name	Geodatabase_Version_Text
Inheritance	Inherited from Entity ODF
Alias Name	Version Name
Feature Class Use/Entity Table	All feature classes and tables
Definition	Name of the corporate geodatabase version previously used to edit the record.
	InitialLoad = feature has not been edited in ArcSDE.
	Format: username.XXX-mmddyy-hhmmss = version name of last edit (hours might be a single digit; leading zeros are trimmed for hours only). XXX=theme abbreviation.
	Example: sfrazier.FIRE_POLY-121210-111034
	Only appears in the transactional (edit) version. Public version (which is also the version used internally for mapping or analysis) does not contain this attribute.
Required/Optional	Required (automatically generated)
Domain (Valid Values)	No domain
Data Type	String (50)

7.40 YEAR_EVAL

Geodatabase Name	YEAR_EVAL
BLM Structured Name	LWC_Evaluation_Year
Inheritance	None
Alias Name	Not Inherited
Feature Class Use/Entity Table	LWC_ROAD_ARC
Definition	The calendar year that the unit's wilderness characteristics determination was made. This may also be the year that it was determined not to evaluate an area due to obvious characteristics that would prevent wilderness consideration (such as urban areas, mining areas, heavily roaded areas). The same year is filled in for the attribute on both LWC_INVNTRY_POLY and LWC_ROAD_ARC. It is changed to the year the evaluation was signed by the Field Manager is this is later than the evaluation year.
Required/Optional	Format is YYYY.
Domain (Valid Values)	Required
Data Type	No domain. Example: 2007

8 **Publication Views**

8.1 General

Master corporate feature classes/datasets maintained in the edit database are "published" to the user database in several ways:

- Copied completely with no changes (replicated).
- Copied with no changes except to omit one or more feature classes from a feature dataset.
- Minor changes made (e.g., clip, dissolve, union with ownership) to make the data easier to use. Feature classes that have been changed are indicated by "PUB" in their name. They are created through scripts that can be automatically executed and are easily rebuilt from the master data whenever necessary.

8.2 Specific to This Dataset

An internal publication dataset will be created that meets these requirements:

• Remove fields used for edit tracking: VERSION_NAME, BLM_CREATED_BY, BLM_CREATED_DATE, BLM_MODIFY_BY, and BLM_MODIFY_DATE for privacy reasons.

An external publication dataset will be created that meets these requirements:

- Only features that have been marked as releasable to the public (DATA_RLSBLTY_YN = Y) will be included in the external public dataset.
- Remove fields used for edit tracking: VERSION_NAME, BLM_CREATED_BY, BLM_CREATED_DATE, BLM_MODIFY_BY, and BLM_MODIFY_DATE for privacy reasons.
- Remove fields with possible sensitive data or internal file system resources: PRVS_INVNTRY_NOTE and COMMENTS.

8.3 Layer Files

Layer files are not new data requiring storage and maintenance but point to existing data. They have appropriate selection and symbolization for correct use and display of the data. They provide the guidance for data published on the web. Layer files are created by simple, documented processes, and can be deleted and recreated at any time.

9 Editing Procedures

9.1 Managing Overlap

9.1.1 Overlapping Polygons where polygons are part of a POLY/ARC feature dataset.

Topology rules apply only to the POLY/ARC relationship (Polylines in the POLY feature class covered by arcs in the ARC feature class and vice versa; Arcs must not have dangles, intersect, self-overlap or overlap adjacent arcs).

Overlap is only allowed in the historic inventory dataset (LWC_INVNTRY_HIST_POLY).

9.2 Editing Quality Control

Duplicate features. Checking for undesired duplicates is critical. Polygons or arcs that are 100% duplicate are easily found by searching for identical attributes along with identical Shape_Area and/or Shape_Length. Searching for partially overlapping arcs or polygons is harder, and each case must be inspected to determine if the overlap is desired or not.

To avoid overlapping polygons on the same area, polygons from different input themes are incorporated with the Union spatial overlay tool, not copied.

Union rather than Intersect is used to prevent unintended data loss.

Gap and overlap slivers. These can be hard to find if there are no topology rules. A temporary map topology can be created to find overlap slivers. Gap slivers can be found by constructing polygons from all arcs and checking polygons with very small area.

Buffer and dissolve considerations. Where polygons are created with the buffer tool, the correct options must be selected. The default option is "None," which means overlap will be retained. Sometimes the overlap should be dissolved, and the option changed to "All." It is recommended to use the planar option, not geodesic to retain the curve between vertices. Lines resulting from buffer have vertices too close together, especially around the end curves. They should be generalized to thin the vertices. If the dissolve tool is used on polygons or arcs, the "Create multipart features" should be unchecked.

GPS considerations. GPS linework is often messy and should always be checked and cleaned up as necessary. Often vertices need to be thinned (generalize) especially at line ends. Multi-part polygons are sometimes inadvertently created when GPS files with vertices too close together or crossing lines or spikes are brought into ArcGIS. Tiny, unwanted polygons are created but are "hidden" because they are in a multi-part.

Be careful when merging lines. Multi-part lines will be created if there are tiny unintentional (unknown) gaps, and it can be difficult to find these unless the multi-parts are exploded.

Null geometry. Check any features that have 0 or very small Shape_Area or Shape_Length. If a feature has 0 geometry and you can't zoom to it, it is probably an inadvertently created "Null" feature and should be deleted. Very small features may also be unintended, resulting from messy line work.

Snapping considerations. Where line segments with different COORD_SRC meet, the most accurate or important (in terms of legal boundary representation) are kept unaltered, and other lines snapped to them. In general, the hierarchy of importance is PLSS (CadNSDI points/lines) first, with DLG or SOURCEL next, then DEM, and MAP last. When snapping to the data indicated in COORD_SRC (as opposed to duplicating with copy/paste), be sure there are the same number of vertices in the target, and source theme arcs. When the DEF_FEATURE is "SUBDIVISION," snap the line segment to PLSS points, and make sure there are the same number of vertices in the line as PLSS points.

Check that all date fields contain valid dates in MM/DD/YYYY format. If an attribute has a domain, check for invalid values. The values must be exact.

Check for capitalization and spacing differences in attribute values that should be the same. Check for leading or trailing blanks what will make a different value even if it looks identical.

9.3 Vertical Integration

In the ODF, the need for vertical integration is confined to, and characteristic of, the "Boundaries" group of themes. Boundaries polygons have perimeters that are defined by other features and are *required* to stay that way. Activities and Resources polygon perimeters are "self-defining." For example, a road, ownership, or watershed line might be used to build a prescribed burn unit, but the unit perimeter is *defined* by the actual burned area.

Boundaries polylines (arcs) have attributes DEF_FEATURE and COORD_SRC which provide the information needed for vertical integration. When the GIS feature class indicated by COORD_SRC changes, the arc might need to be re-snapped.

Many boundaries are defined largely by legal land lines and therefore should be snapped to Cadastral NSDI PLSS Points. Theoretically, whenever PLSS Points are updated, all polylines with COORD_SRC = "CADNSDI" (or "GCD") should be re-snapped, but not all themes have the same need or priority. Sub-groups of ODF Boundaries provide a prioritization with the "Land Status" group being the highest priority, followed by the "Political and Administrative" group then the "Special Management Area" group.

Vertical Integration to updated legal land lines is accomplished simply by re-snapping vertices to PLSS Points and is not difficult if the polylines have vertices that coincide with PLSS points. Datasets can be updated independently of each other and partially, as time permits.

When arcs are copied from one boundary dataset to another, DEF_FEATURE may need to be changed. For example, a Resource Area Boundary (RAB) polyline might be defined as "SUBDIVISION", but when it is copied to Plan Area Boundary (PLANBDY) the plan boundary is defined by Resource Area and DEF_FEATURE should be changed to "BLM_ADMIN". It is important that boundary lines copied from other themes NOT be merged, even though the attributes are all the same. The splits in the original source theme should be retained to retain exact coincidence and facilitate future updates.

9.4 Theme Specific Guidance

There is much in the data standard that addresses editing and provides guidance especially in the Data Management Protocols (Section 3).

9.4.1 Calculation Data Rules

The following are a list of calculation rules that occur during editing. Calculation rules are used to automatically populate attributes in a field. These are in addition to the default values defined in Sections 4 and 7.

LWC_INVNTRY_POLY:

- BLM_ORG_CD is auto-calculated by the OR/WA Version Management tools using the centroid of the polygon intersected with the administrative units feature class. This value can be overwritten as needed.
- GIS_ACRES is auto-calculated by the OR/WA Version Management tools using the BLM_ORG_CD and the map projection identified by each OR/WA district to be used for area calculations.
- ADMIN_ST is calculated from the BLM_ORG_CD on insert and update using an attribute rule.
- ADMIN_UNIT_CD is calculated from the BLM_ORG_CD on insert and update using an attribute rule.
- DATA_RLSBLTY_YN is calculated to 'YES' if SGND_YN = 'YES.'

LWC_MNGMNT_POLY:

- BLM_ORG_CD is auto-calculated by the OR/WA Version Management tools using the centroid of the polygon intersected with the administrative units feature class. This value can be overwritten as needed.
- GIS_ACRES is auto-calculated by the OR/WA Version Management tools using the BLM_ORG_CD and the map projection identified by each OR/WA district to be used for area calculations.
- ADMIN ST is calculated from the BLM ORG CD on insert and update using an attribute rule.
- ADMIN_UNIT_CD is calculated from the BLM_ORG_CD on insert and update using an attribute rule.

9.4.2 Constraint Data Rules

The following are a list of data constraint rules that are enforced during editing. Constraint rules specify allowable combinations of values between two or more fields in a record. They are used to ensure that specific conditions are met.

There are no constraint data rules for this dataset.

10 Abbreviations and Acronyms

Does not include abbreviations/acronyms used as codes for data attributes or domain values.

Table 1 Abbreviations/Acronyms Used

Abbreviations	Descriptions
ARC	GIS line feature
BLM	Bureau of Land Management, U.S. Department of the Interior
CADNSDI	Cadastral National Spatial Data Infrastructure
DEM	Digital Elevation Model
DLG	Digital Line Graphs
FOIA	Freedom of Information Act
GIS	Geographic Information System
GNIS	Geographic Names Information System
GPS	Global Positioning System
GTRN	Ground Transportation GIS dataset
IDP	Interdisciplinary
LWC	Lands with Wilderness Characteristics
NAD	North American Datum
NARA	National Archives and Records Administration
NEPA	National Environmental Policy Act
ODF	Oregon Data Framework
OR/WA	Oregon/Washington BLM Administrative State
POLY	GIS polygon feature
PUB	Publication
RMP	Resource Management Plan
USFS	United States Forest Service, U.S. Department of Agriculture
USGS	United States Geological Survey, U.S. Department of the Interior
SDE	Spatial Database Engine
WEB	Worldwide Web (internet)
WSA	Wilderness Study Area

A Domains (Valid Values)

These are the domains at the time the data standard was approved. Domains can be changed without a re-issue of the data standard. Current domains are found on the internal OR/WA SharePoint data management page. Some of the domains used in this data standard are also available at the following web site: http://www.blm.gov/or/datamanagement/index.php

For domains not listed at that site contact: contact the State Data Administrator.

A.1 DOM_ADMIN_ST

Administrative State Code. A two-character code to denote the BLM "state" that has administrative jurisdiction over an area. This is a subset of the BLM National Administrative State Global domain.

Code	Description
CA	CA - California
ID	ID - Idaho
NV	NV - Nevada
OR	OR - Oregon

A.2 DOM_ADMIN_UNIT_CD

Administrative Unit Code. This is the national list of administrative units. This domain is inherited from the national Administrative Units data standard. This is a lengthy domain. For the full list go to: https://gis.blm.gov/ORDownload/Domains/DOM ADM UNIT CD.xlsx.

A.3 dom_BLM_ORG_CD

Administrative Unit Organization Code. Standard BLM organization codes generated from the national list. This is a subset of OR/WA administrative offices and those in other states that border.

This is a lengthy domain used by multiple datasets. For the full list of values go to: https://gis.blm.gov/ORDownload/Domains/dom BLM ORG CODE.xls.

A.4 dom_COORD_SRC

Coordinate Source Code. The source of the geographic coordinates (lines, points, polygons). Choices relevant to Wilderness are shaded.

Code	Description
CADNSDI	CADNSDI - Coordinates from or snapped to the CADNSDI dataset
CFF	CFF - Lines duplicated or buffered from Cartographic Feature Files (USFS)
DEM	DEM - Digital Elevation Model (30 m or better accuracy) used for creation of contours
DGPS	DGPS - Feature obtained from a Global Positioning System device with Real Time Correction (SBAS)
DIS	DIS - Lines generated to connect discontinuous features

Code	Description
DLG	DLG - Lines duplicated or buffered from (24K scale accuracy) USGS Digital Line Graphs
DOQ	DOQ - Screen digitized linework over digital orthophotography backdrop (DOQ, NAIP, OSIP, or others)
DRG	DRG - Screen digitized linework over Digital Raster Graphic backdrop
GCD	GCD - Lines snapped to (pre-CADNSDI) Geographic Coordinate Database Points
GPS	GPS - Coordinates obtained from a Global Positioning System device
IMG	IMG - Linework derived from interpretation of satellite or other non-photographic imagery
LiDAR	LiDAR - LiDAR points, lines, or polygons generated through interpretation or analysis.
MAP	MAP - Digitized coordinates from hardcopy map or onto a map backdrop
MTP	MTP - Lines duplicated from Digital Master Title Plat
SOURCEL	SOURCEL - Coordinates duplicated from a BLM GIS source layer.
SOURCEX	SOURCEX - Source Layer from non-BLM GIS
SRV	SRV - Survey methods were used to create the linework (e.g., COGO)
TIGER	TIGER - Tiger Data
TRS	TRS - Coordinates only given as a legal description (township, range, section)
UNK	UNK - Unknown coordinate source
WOD	WOD - WODDB Photogrammetric

A.5 DOM_COORD_SRC_TYPE

Coordinate Source National Code. This domain is inherited from the BLM National Global Domains.

Code	Description
MAP	MAP
IMG	IMG
GPS	GPS
GCD	GCD
NHD	NHD
SRV	SRV
TRS	TRS
LLD	LLD
GIS	GIS
UNK	UNK
OTH	OTH - All records to be assigned other because we are tracking feature source in the arc layer.
WBD	WBD
GISO	GISO
LiDAR	LiDAR

A.6 dom_DEF_FEATURE

Defining Feature Code. Physical features or administrative lines that define an official boundary.

Code	Description
ADMIN_REC_SITE	ADMIN_REC_SITE - Administrative or Recreation facility or site boundary
BLM_ADMIN	BLM_ADMIN - Bureau of Land Management administrative boundary
CLOSURE	CLOSURE - Closure extension. Used to close small gaps.
COAST_3MILE	COAST_3MILE - Separating coastal water from territorial sea at 3 miles off shore
COUNTY	COUNTY - County boundary
ELEVATION	ELEVATION - Line of common elevation
FENCE	FENCE - Fence line
FIRE_PERIMETER	FIRE_PERIMETER - The line marking the extent of the burned area of a fire.
FOREST_SERVICE_ADMIN	FOREST_SERVICE_ADMIN - Forest Service administrative boundaries
GRAZING_BOUNDARY	GRAZING_BOUNDARY - Pasture or other administrative grazing boundary that is not fenced and does not follow a subdivision or some other legal boundary.
HU	HU - Hydrologic unit divide
JETTY	JETTY - Jetty
JURISDICTION	JURISDICTION - Surface jurisdiction boundary
LAVA	LAVA - Edge of lava flow
LEVEE	LEVEE - Dike or levee
MARSH	MARSH - Edge of Marsh, wetland, swamp, or bog boundary
MINERAL_DISTURBANCE	MINERAL_DISTURBANCE - Edge of quarry, mine, gravel stockpile or other mineral surface disturbance area
NLCS_BOUNDARY	NLCS_BOUNDARY - Wilderness, Wild and Scenic River, Historic District or other NLCS designation boundary
OTHER	OTHER - Known boundary not represented by other domain options.
PARKING_AREA	PARKING_AREA - Motorized vehicle parking area.
POINT-TO-POINT	POINT-TO-POINT - Boundary defined by a straight line segment between two points
POWERLINE	POWERLINE - Power transmission line or buffer offset
RIDGE	RIDGE - Ridge
RIGHT-OF-WAY	RIGHT-OF-WAY - A legal ROW or easement forms the boundary
RIM	RIM - Line generally follows a natural topographic barrier
ROAD	ROAD - Routes managed for use by low or high-clearance (4WD) vehicles, but not ATVs
ROAD_OFFSET	ROAD_OFFSET - Boundary is offset from a road (not necessarily a consistent buffer)

Code	Description
SHORELINE	SHORELINE - Lake, pond, reservoir, bay or ocean shoreline or meander line
SMA_DSG	SMA_DSG - BLM Special Management Area designation such as ACEC or VRM.
STREAM_LBANK	STREAM_LBANK - Downstream left stream bank
STREAM_RBANK	STREAM_RBANK - Downstream right stream bank
SUBDIVISION	SUBDIVISION - Public Land Survey System derived aliquot (1/2s, 1/4s) parts and lots
TRAIL	TRAIL - Routes managed for human-powered, stock or off-highway vehicle forms of travel
TRAIL_OFFSET	TRAIL_OFFSET - Boundary is offset from a trail (not necessarily a consistent buffer)
UNKNOWN	UNKNOWN - Defining feature is unknown
VEGETATION	VEGETATION - Seeding boundary or other relatively permanent vegetation change
WATERCOURSE	WATERCOURSE - Stream, river, ditch, canal or drainage centerline
WATERCOURSE_OFFSET	WATERCOURSE_OFFSET - Boundary is offset from a watercourse (not necessarily a consistent buffer)
WILDLIFE	WILDLIFE - Animal location or habitat, possibly buffered.

A.7 DOM_YES_NO_ONLY

Yes/No Only Flag National Code. This domain is inherited from the BLM National Global Domains.

Code	Description
NO	No - Negative or Not Present
YES	Yes - Affirmative or Present

A.8 dom_YN

Yes/No flag

Code	Description
Y	Yes
Ν	No
U	Unknown

A.9 LWC_DOM_INVNTRY_STS

Lands with Wilderness Characteristics Inventory Status code. LWC Units that have been inventoried and may or may not meet the criteria for LWC but have not been given a management decision through an RMP. This domain is inherited from the BLM National LWC data standard.

Code	Description
inventoried yes lwc	Inventoried Yes LWC - Unit is inventoried and meets criteria for LWC.
inventoried no lwc	Inventoried No LWC - Unit is inventoried and does not meet criteria for LWC.
not inventoried	Not Inventoried - The unit is not inventoried.
excluded	Excluded - The unit is excluded from inventory due to size.

A.10 LWC_DOM_MGMT_STS

Lands with Wilderness Characteristics Management Status code. The management decision declared in an approved RMP regarding how to manage LWC units that do possess wilderness characteristics. This domain is inherited from the BLM National LWC data standard.

Code	Description
manage to protect	Manage to Protect - Protecting wilderness characteristics while providing for compatible multiple uses.
manage with restrictions	Manage with Restrictions - Minimize impacts to wilderness characteristics via management restrictions (e.g., terms and conditions of use or stipulations) while emphasizing other multiple uses.
manage for other multiple uses	Manage for Other Multiple Uses - Allowing for other multiple uses in an area while not protecting wilderness characteristics.
no rmp decision	No RMP Decision - No management decision has been selected.

A.11 LWC_DOM_SLTDE_PRMTVE_UNCNFND_REC_YN

Lands with Wilderness Characteristics Solitude Primitive Unconfined Recreation code. LWC Inventory Area has Solitude or Primitive and Unconfined Recreation. This domain is inherited from the BLM National LWC data standard.

Code	Description
solitude	Solitude - LWC has characteristics of solitude, meaning the impact of sights and sounds of other people in the area.
primitive	Primitive - LWC has primitive and unconfined recreation characteristics, consider activities that provide dispersed, undeveloped recreation which do not require facilities, motor vehicles, motorized equipment, or mechanized transport.
none	None - Has neither solitude or primitive and unconfined recreation.
both	Both - LWC has characteristics of both solitude AND primitive & unconfined recreation