

Recreation Sites Spatial Data Standard



Campsite along the North Umpqua River

**RECREATION SITES DATA STANDARD
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1. GENERAL INFORMATION

Dataset (Theme) Name: Recreation Sites

Dataset (Feature Class): RECSITE_POLY, RECTRAIL_ARC, RECSITE_ARC, RECSITE_P_POLY, RECTRAIL_P_ARC, RECSITE_P_POINT

1.1 ROLES AND RESPONSIBILITIES

Roles	Responsibilities
State Data Steward	The State Data Steward, Christopher Dent, 541-618-2447, or 503-808-6215, is responsible for approving data standards and business rules, for developing Quality Assurance/Quality Control procedures, and ensuring that data is managed as a corporate resource. The State Data Steward coordinates with field office data stewards, the state data administrator, Geographic Information System (GIS) coordinators, and with national data stewards. The State Data Steward reviews geospatial metadata for completeness and quality.
Lead GIS Specialist	The Lead GIS Specialist, Gavin Hoban, 541-416-6879, works with data stewards to interpret business needs into GIS applications and derive data requirements and participates in the development of data standards. The Lead GIS specialist coordinates with system administrators and GIS coordinators to manage the GIS databases.
State Data Administrator	The acting State Data Administrator, Pamela Keller, 503-808-6009, provides information management leadership, data modeling expertise, and custodianship of the state data models. The State Data Administrator ensures that defined processes for development of data standards and metadata are followed and that they are consistent and complete. 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.
State Records Administrator	The acting State Records Administrator, Janice Johnson, 503-808-6430, is responsible for identifying any Privacy issues related to spatial data. The State Records Administrator also provides direction and guidance on data release and fees. The State Records Administrator assures that data has been classified under the proper records retention schedule and determine appropriate Freedom of Information Act (FOIA) category.

Table 1 Roles and Responsibilities

1.2 FOIA CATEGORY

Public

1.3 RECORDS RETENTION SCHEDULE(S)

20/52c (Geographic Information Systems)
PERMANENT

Cutoff end of fiscal year (EOFY) in which the layer is created or significantly altered by the Bureau of Land Management (BLM). Transfer copy of data to National Archives and Records Administration (NARA) at the EOFY.

1.4 SECURITY/ACCESS/SENSITIVITY

The Recreation Sites set of themes does not require any additional security other than that provided by the General Support System (the hardware/software infrastructure of the Oregon/Washington (OR/WA BLM)).

This data is not sensitive and there are no restrictions on access to this data either from within the BLM or external to the BLM.

There are no privacy issues or concerns associated with these data themes.

1.5 KEYWORDS

Keywords that can be used to locate this dataset include: Recreation, Recreation Site, recsite, Recreation Facility, Recreation Trail, Trail.

2. DATASET OVERVIEW

2.1 DESCRIPTION

The Recreation Sites data standard contains requirements for recreation facilities or features. Facilities are a type of human activity involving construction. The recreation facilities theme set includes polygons for recreation site areas (RECSITE_POLY) representing the physical extent of the managed site not a larger management area polygon which may include one or more such sites. The theme set also includes recreation features which are best represented as points (RECSITE_POINT) such as trailheads, dispersed campsites and interpretive signs.

Proposed (not yet constructed) recreation site areas and points (RECSITE_P_POLY and RECSITE_P_POINT) are also described in this data standard. Recreation features that are best represented as lines, namely trails (RECTRAIL_ARC and RECTRAIL_P_ARC) are also discussed for completeness, but because they are currently included in other existing data standards they will not be implemented at this time.

It is important to distinguish Recreation “Sites” from the infrastructure that might be found there. These might include toilets, water spigots, dumpsters, picnic tables, fire rings, signs, vehicle or people counters and even individual landscaping trees. These point features are not included on the RECSITE_POINT feature class.

2.2 USAGE

BLM constructed recreation facilities are an investment of taxpayer dollars that the BLM monitors and maintains. This is accomplished through tracking databases such as FAMS (Facility Asset Management System) and RMIS (Recreation Management Information System), but associated GIS themes are necessary for display and spatial analysis. Recreation facilities are one of the most important ways that the public accesses BLM lands and may be their only interaction with BLM. The construction, maintenance and very existence of recreation facilities must be addressed in land use planning as an impact to the land to be included in cumulative effect or as zones of special exclusion or protection. RECSITE features, which tend to be relatively small, are often buffered for use in land planning analyses.

2.3 SPONSOR/AFFECTED PARTIES

The sponsor for this data set is the Deputy State Director, Resource Planning, Use and Protection. RECSITE is defined by and specific to BLM. Matching interagency data across the landscape is not necessary although sites managed by other agencies may be included in RECSITE themes for display purposes.

2.4 RELATIONSHIP TO OTHER DATASETS

Recreation sites usually have some type of physical structure associated with them, if nothing more than a sign. These structures are captured in the STRUCTURES dataset. A Special Recreation Management Area (SRMA) or Extensive Recreation Management Area (ERMA) might include one or more recreation sites. These area boundaries are captured in the RMA dataset and described by that data standard.

2.5 DATA CATEGORY/ARCHITECTURE LINK

These data themes are a portion of the Oregon Data Framework (ODF). 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, and Boundaries. These general categories are broken into sub-categories that inherit spatial characteristics and attributes from their parent categories. These sub-categories may be further broken into more specific groups until you get to a basic dataset that cannot be further sub-divided. Those basic datasets inherit all characteristics of all groups/categories above them. Physical data gets populated in the basic datasets (those groups/categories above them do not contain actual data but set parameters that all data of that type must follow).

See the ODF Overview (Figure 2) for a simplified schematic of the entire ODF showing the overall organization and entity inheritance. The recreation site entities are highlighted. For additional information about the ODF, contact:

Pamela Keller
Acting OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

For Existing Recreation Sites, the categories/groups that the dataset is part of are:

BLM Recreation Sites Polygon:

ODF

Activities

Facilities

Facilities Existing

Recreation Facilities Existing

RECSITE_POLY

RECSITE_POINT

RECTRAIL_ARC

For Proposed Recreation Sites, the categories/groups that the dataset is part of are:

BLM Recreation Sites Proposed:

ODF

Activities

Facilities

Facilities Proposed

Recreation Facilities Proposed

RECSITE_P_POLY

RECSITE_P_POINT

RECTRAIL_P_ARC

2.6 RELATIONSHIP TO THE DEPARTMENT OF THE INTERIOR ENTERPRISE ARCHITECTURE – DATA RESOURCE MODEL

The Department of the Interior's (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, these are as follows:

Data Subject Area: Recreation

Information Class: Recreation Inventory

For a complete list of all DOI Data Subject Areas and Information Classes, contact:

OR/WA State Data Administrator

Bureau of Land Management

P.O. Box 2965

Portland, OR 97208

503-808-6009

2.7 RECREATION SITE DATA ORGANIZATION/STRUCTURE

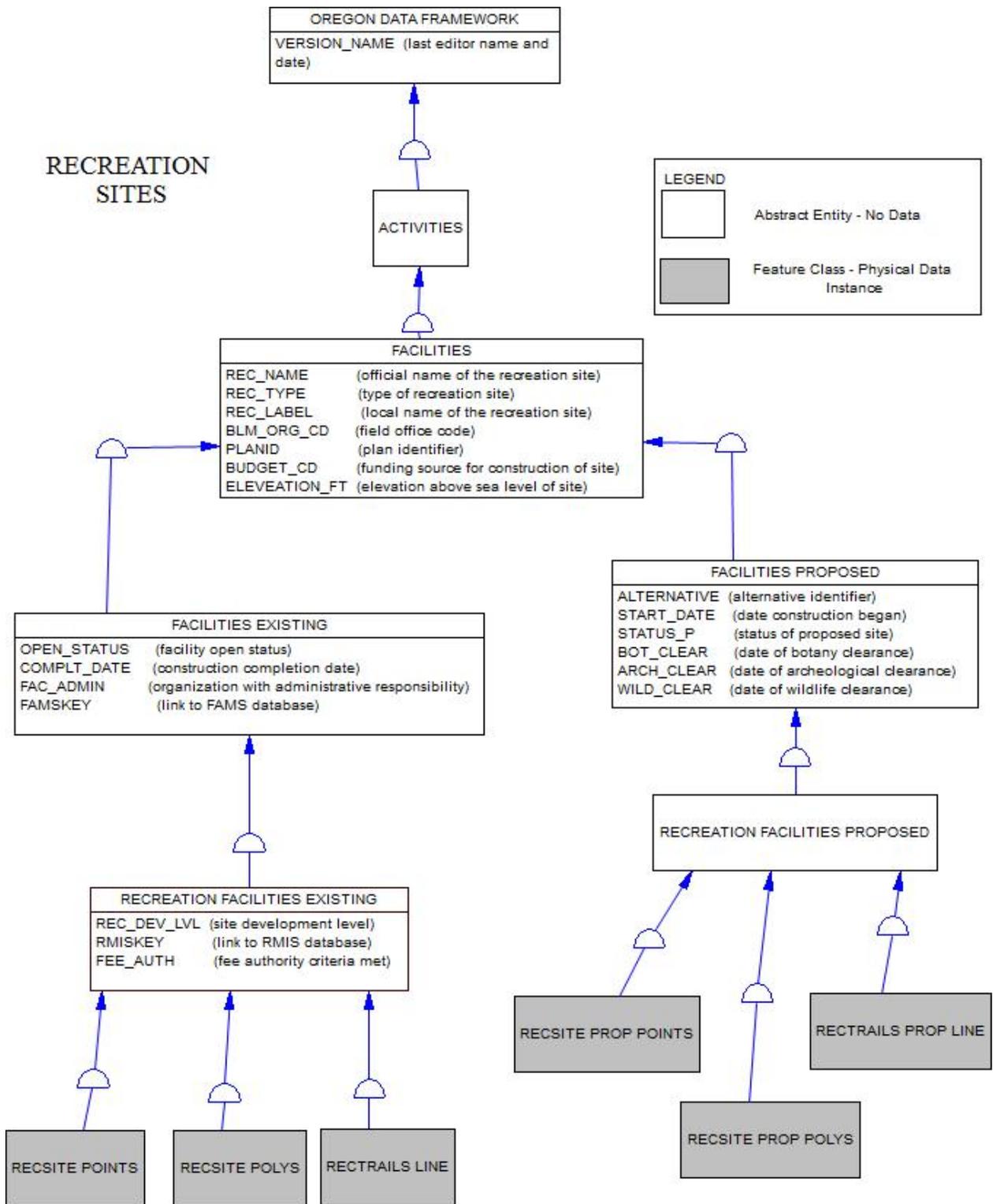


Figure 1 Data Organization Structure

3. DATA MANAGEMENT PROTOCOLS

3.1 ACCURACY REQUIREMENTS

Accuracy requirements are generally determined by the required use of the GIS data by individual field offices. Because recreation sites are usually relatively small their location can be slightly off and still be useful. In fact, it may not be the actual boundary of a RECSITE feature, but rather a buffer around it, that marks a change in land management.

3.2 COLLECTION, INPUT AND MAINTENANCE PROTOCOLS

The District Data Steward will develop standard field data collection methods and work with the GIS Coordinator to develop corresponding standard GIS input methods. The most common methods of recreation site capture are to locate the features using GPS or use orthophoto backdrop to visually mark locations with on-screen digitizing.

RECSITE themes are maintained on a sporadic yet on-going basis. While a planning action might initiate the input of a large number of existing and proposed sites, the site coordinates can be adjusted and corrected over time. Because they are actual construction activities, not simply a new boundary designation, proposed recreation sites will be a continuously changing theme.

3.3 UPDATE FREQUENCY AND ARCHIVAL PROTOCOLS

The unit of processing for the RECSITE themes is the district. Transactions will be initiated by editors within the districts to update the themes. Editors will "check-out" their district's RECSITE theme features. 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.

It is also the responsibility of the Data Steward to ensure that any database external to the GIS remains current. In the case of RECSITE this can be a significant workload. The district GIS Coordinator will approve update processes and provide assistance and oversight.

3.4 STATEWIDE MONITORING

The State Data Steward in conjunction with the Lead GIS Specialist and District Data Stewards are responsible for reviewing the RECSITE themes and consistency with associated databases across the state at least once per year. Particular attention should be paid to REC_NAME (Recreation Site Name) to assure consistency with official names of sites.

4. RECREATION SITES 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. In general, core, required attributes are listed first, but non-core attributes may be listed adjacent to related attributes to avoid confusion in the GIS tables. Attributes are listed alphabetically, and more fully described in the Attribute Data Dictionary, starting on page 15. There are no aliases unless specifically noted. The domains used in this data standard can be found in the data dictionary. These are the domains at the time the data standard was approved. Domains can be changed without a re-issue of the data standard, so

those shown in the Appendix may not be current. Contact the OR/WA State Data Administrator for the current lists.

OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

4.1 RECSITE_POLY (Recreation Sites Polygons)

Attribute Name	Data Type	Length	Default Value	Required?	Domain
REC_NAME	String	50		Yes	
REC_TYPE	String	30		Yes	dom_REC_TYPE_POLY
REC_LABEL	String	50		No	
OPEN_STAT	String	11	Unknown	Yes	dom_OPEN_STAT
FEE_AUTH	String	1	U	No	dom_YN
REC_DEV_LVL	String	20		No	dom_REC_DEV_LVL
COMPLT_DT	String	8		Yes	
BUDGET_CD	String	50		No	
FAC_ADMIN	String	5	UN	Yes	dom_JURIS_CODE
BLM_ORG_CD	String	5	OR000	Yes	dom_BLM_ORG_CD
PLANID	String	100		No	dom_PLANID
ELEV_FT	Short Integer			No	
FAMSKEY	String	8		No	
RMISKEY	String	10		No	
VERSION_NAME*	String	50	InitialLoad	Yes	

* Values automatically generated

4.2 RECSITE_POINT (Recreation Site Points)

Same as RECSITE_POLY except the attribute REC_TYPE uses a different domain (REC_TYPE_POINT).

4.3 RECTRAIL_ARC (Recreation Trail Lines)

Same as RECSITE_POLY

4.4 RECSITE_P_POLY (Recreation Site Proposed Polygons)

Attribute Name	Data Type	Length	Default Value	Required?	Domain
REC_NAME	String	50		Yes	
REC_TYPE	String	30		Yes	dom_REC_TYPE_POLY
REC_LABEL	String	50		No	
FEE_AUTH	String	1	U	No	dom_YN
REC_DEV_LVL	String	20		No	dom_REC_DEV_LVL
BLM_ORG_CD	String	5	OR000	Yes	dom_BLM_ORG_CD

PLANID	String	100		No	dom_PLANID
START_DATE	String	8		Yes	
BUDGET_CD	String	50		No	
STATUS_P	String	12		No	dom_STATUS_P
ELEV_FT	Short Integer			No	
ALTERNATIVE	String	10		No	
ARCH_CLEAR	String	8		No	
BOT_CLEAR	String	8		No	
WILD_CLEAR	String	8		No	
VERSION_NAME*	String	50	InitialLoad	Yes	

* Values automatically generated

4.5 RECSITE_P_POINT (Recreation Site Proposed Points)

Same as RECSITE_P_POLY except the attribute REC_TYPE uses a different domain (dom_REC_TYPE_POINT).

4.6 RECTRAIL_P_ARC (Recreation Trail Proposed Lines)

Same as RECSITE_P_POLY

5. PROJECTION AND SPATIAL EXTENT

All feature classes and feature datasets are in Geographic, North American Datum (NAD) 83. Units are in decimal degrees. Spatial extent (area of coverage) includes all lands managed by the BLM in OR/WA. See the metadata for this dataset for more precise description of the extent. In order to maintain consistent acres reporting, RECSIES should be projected into Universal Transverse Mercator (UTM) in the appropriate zone for acres calculation.

6. SPATIAL ENTITY CHARACTERISTICS

RECSITE_POLY

Description: Instance of Recreation Facilities which are in turn an instance of Facilities. These are existing constructed recreation sites that are best represented as area features such as campgrounds and day use areas.

Geometry: Polygons cover a small percentage of BLM lands. There should be no overlap between adjacent sites.

Topology: No topology rules enforced.

Integration Requirements: None

RECSITE_POINT

Description: Instance of Recreation Facilities which are in turn an instance of Facilities. These are existing constructed recreation sites that are best represented as point features such as trailheads, interpretive signs, overlooks and dispersed campsites.

Geometry: Points may be broadly scattered across BLM lands or many in one locale. It is possible and allowable to have multiple points very close together or even on top of each other although this is to be avoided. These points are not directly associated with RECSITE polygons, but may be related through name, FAMSKEY or RMISKEY.

Topology: No topology rules enforced.

Integration Requirements: None

RECTRAIL_ARC

Description: Instance of Recreation Facilities which are in turn an instance of Facilities. Trails are linear features that are managed specifically for recreation such as hiking, mountain biking, horses, or All-Terrain Vehicles.

Geometry: Arcs may not overlap.

Topology: No topology rules enforced.

Integration Requirements: If coincident with a road, the arcs must be duplicated from the road features.

RECSITE_P_POLY

Description: Same as RECSITE_POLY except these sites are not yet constructed.

Geometry: Because these sites do not yet exist and there may be more than one proposal for a particular area, there may be overlap between polygons. There should not be overlap with existing sites unless the proposal is to change the existing site.

Topology: No topology rules enforced.

Integration Requirements: Proposed polygons should not overlap existing polygons.

RECSITE_P_POINT

Description: Same as RECSITE_POINT except these sites are not yet constructed.

Geometry: Same as RECSITE_POINT except these sites are not yet constructed.

Topology: No topology rules enforced.

Integration Requirements: None

RECTRAIL_P_ARC

Description: Same as RECTRAIL_ARC except that these trails are not yet constructed.

Geometry: Because the trails do not yet exist and there might be more than one proposal, there may be overlap between arcs, but arcs may not overlap existing RECTRAIL arcs. There should not be overlap with existing RECTRAIL arcs unless the proposal is to change the existing trail.

Topology: No topology rules enforced.

Integration Requirements: If the proposed trail is to be coincident with a road, the arcs must be duplicated from the road features.

7. ATTRIBUTE CHARACTERISTICS AND DEFINITIONS

In alphabetical order

7.1 ALTERNATIVE

Geodatabase Name	ALTERNATIVE
BLM Structured Name	Alternative_Text
Inheritance	Inherited from entity FACILITIES PROPOSED
Feature Class Use	RECSITE_P_POLY, RECSITE_P_POINT
Definition	Identifier for the alternative during the planning process (e.g. A, B, C, D, E). Free choice values for different plans, but not more than 2 characters.
Required/Optional	Optional
Domain	No domain.
Data Type	Variable characters (10)

7.2 ARCH_CLEAR

Geodatabase Name	ARCH_CLEAR
BLM Structured Name	Archaeological_Clearance_Date
Inheritance	Inherited from entity FACILITIES PROPOSED
Feature Class Use	RECSITE_P_POLY, RECSITE_P_POINT
Definition	Date the facility site received archaeological clearance. Use YYYYMMDD or YYYYMM (if only year and month is known) or YYYY format (if only year is known) or "UNKNOWN".
Required/Optional	Optional
Domain (Valid Values)	No domain. Example: 20110925
Data Type	Character (8)

7.3 BLM_ORG_CD

Geodatabase Name	BLM_ORG_CD
BLM Structured Name	Administrative_Unit_Organization_Code
Inheritance	Inherited from entity FACILITIES
Feature Class Use	All feature classes
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	Character (5)

7.4 BOT_CLEAR

Geodatabase Name	BOT_CLEAR
BLM Structured Name	Botanical_Clearance_Date
Inheritance	Inherited from entity FACILITIES PROPOSED
Feature Class Use	RECSITE_P_POLY, RECSITE_P_POINT
Definition	Date the facility site received botanical clearance. Use YYYYMMDD or YYYYMM (if only year and month is known) or YYYY format (if only year is known) or "UNKNOWN".
Required/Optional	Optional
Domain (Valid Values)	No domain. Example: 19990912
Data Type	Characters (8)

7.5 BUDGET_CD

Geodatabase Name	BUDGET_CD
BLM Structured Name	Budget_Activity_Code
Inheritance	Inherited from entity FACILITIES EXISTING
Feature Class Use	All feature classes
Definition	The activity and program elements that provided funding (budget) used in the construction of the facility.
Required/Optional	Required
Domain (Valid Values)	No domain. Examples: 1220 IW (Recreation Resource Management - Recreation Site Non-Building Construction); 6332 IC (Western Oregon Recreation Management - Recreation Site Building Construction)
Data Type	Variable Characters (50)

7.6 COMPLT_DT

Geodatabase Name	COMPLT_DT
BLM Structured Name	Facility_Construction_Completion_Date
Inheritance	Inherited from entity FACILITIES EXISTING
Feature Class Use	RECSITE_POINT, RECSITE_POLY

Definition	The data that construction of the facility was completed (contract acceptance date or equivalent). Use YYYYMMDD or YYYYMM (if only year and month is known) or YYYY format (if only year is known) or "UNKNOWN".
Required/Optional	Required
Domain (Valid Values)	No domain. Examples: 20120920; 1999; 200110; UNKNOWN
Data Type	Charactes (8)

7.7 ELEV_FT

Geodatabase Name	ELEVATION_FT
BLM Structured Name	Elevation_Feet_Measure
Inheritance	Not Inherited
Feature Class Use	All feature classes
Definition	The height of the ground above mean sea level, in feet, for a representative location.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 5420, 515
Data Type	Short Integer

7.8 FAC_ADMIN

Geodatabase Name	FAC_ADMIN
BLM Structured Name	Facility_Administration_Code
Inheritance	Inherited from entity FACILITIES EXISTING
Feature Class Use	RECSITE_POINT, RECSITE_POLY
Definition	Broad governmental organization with administrative responsibility for the facility.
Required/Optional	Required
Domain (Valid Values)	dom_JURIS_CODE
Data Type	Variable Characters (5)

7.9 FAMSKEY

Geodatabase Name	FAMSKEY
BLM Structured Name	FAMS_Link_Text
Inheritance	Inherited from entity FACILITIES EXISTING
Feature Class Use	RECSITE_POINT, RECSITE_POLY
Definition	A linking field to the Facility Asset Management System (FAMS). Multiple RECSITE features can have the same FAMSKEY because a single FAMS "Rec Site" may group features in order to reach the minimum property value.
Required/Optional	Optional

Domain (Valid Values)	No Domain. Examples: L1380246; L1821290
Data Type	Variable Characters (8)

7.10 FEE_AUTH

Geodatabase Name	FEE_AUTH
BLM Structured Name	Fee_Authority_Code
Inheritance	Inherited from entity RECREATION FACILITIES EXISTING
Feature Class Use	All feature classes
Definition	Y/N flags to indicate whether the site meets the "Fee Authority" criteria. Enter "U" if it is unknown if the site meets the fee authority criteria.
Required/Optional	Optional
Domain (Valid Values)	dom_YN
Data Type	Variable Characters (1)

7.11 OPEN_STAT

Geodatabase Name	OPEN_STAT
BLM Structured Name	Facility_Open_Status_Code
Inheritance	Inherited from entity FACILITIES EXISTING
Feature Class Use	RECSITE_POINT, RECSITE_POLY
Definition	Indicates whether the facility is open all year, open seasonally, currently closed, has been abandoned, the site has been completely removed or the open status is unknown.
Required/Optional	Required
Domain (Valid Values)	dom_OPEN_STAT
Data Type	Variable Characters (11)

7.12 PLANID

Geodatabase Name	PLANID
BLM Structured Name	Plan_Name_Text
Inheritance	Inherited from entity FACILITIES
Feature Class Use	All feature classes
Definition	The name and year of the Project Plan Area for the Plan that is proposing or authorized the facility.
Required/Optional	Required
Domain (Valid Values)	dom_PLANID
Data Type	Variable Characters (100)

7.13 REC_DEV_LVL

Geodatabase Name	REC_DEV_LVL
BLM Structured Name	Recreation_Development_Level_Code
Inheritance	Inherited from Entity RECREATION FACILITIES EXISTING
Feature Class Use	All feature classes.
Definition	The level of development of the recreation site.
Required/Optional	Required
Domain (Valid Values)	dom_REC_DEV_LVL
Data Type	Variable Character (20)

7.14 REC_LABEL

Geodatabase Name	REC_LABEL
BLM Structured Name	Recreation_Site_Label_Name
Description	Inherited from entity FACILITIES
Feature Class Use	All feature classes.
Definition	User-defined name for the Recreation Site to used for map display. Generally shorter than the official name found in REC_NAME.
Required/Optional	Optional
Domain (Valid Values)	No domain.
Data Type	Variable Characters (50)

7.15 REC_NAME

Geodatabase Name	REC_NAME
BLM Structured Name	Recreation_Site_Name
Description	Inherited from entity FACILITIES
Feature Class Use	All feature classes.
Definition	The name by which the recreation site is known. The complete official name should be used. Descriptive words will be standardized according to Recreation Program guidance. A standardized domain will be created in the future.
Required/Optional	Required
Domain (Valid Values)	No domain. Examples: Page Springs Campground, Table Mountain Snow Play Area, Sheridan Peak Overlook
Data Type	Variable Character (50)

7.16 REC_TYPE

Geodatabase Name	REC_TYPE
BLM Structured Name	Recreation_Site_Type_Code
Inheritance	Inherited from entity FACILITIES
Feature Class Use	All feature classes
Definition	Recreation primary use category. Choices are consistent with RMIS "Primary Site Type" and with standard Recreation Map legends. Note: There are separate domains for polygon and point recreation types.
Required/Optional	Required
Domain (Valid Values)	dom_REC_TYPE_POLY; dom_REC_TYPE_POINT
Data Type	Variable Character (30)

7.17 RMISKEY

Geodatabase Name	RMISKEY
BLM Structured Name	RMIS_Link_Text
Inheritance	Inherited from entity RECREATION FACILITIES EXISTING
Feature Class Use	RECSITE_POINT, RECSITE_POLY
Definition	A field to provide a link to the Recreation Management Information System (RMIS), the national database for recreation sites. This may be the "Real Property Number".
Required/Optional	Optional
Domain (Valid Values)	No domain.
Data Type	Variable Characters (10)

7.18 START_DATE

Geodatabase Name	START_DATE
BLM Structured Name	Facility_Construction_Start_Date
Inheritance	Inherited from Entity FACILTIES PROPOSED
Feature Class Use	RECSITE_P_POLY, RECSITE_P_POINT
Definition	Date construction is planned to begin on the facility. Use YYYYMMDD or YYYYMM (if only year and month is known) or YYYY format (if only year is known) or "UNKNOWN".
Required/Optional	Required
Domain (Valid Values)	No Domain. Examples: 2015; 201209; 2000
Data Type	Characters (8)

7.19 STATUS_P

Geodatabase Name	STATUS_P
BLM Structured Name	Facility_Proposed_Status_Code
Description	Inherited from entity FACILITIES PROPOSED
Feature Class Use	RECSITE_P_POLY, RECSITE_P_POINT
Definition	Status of the proposed facility.
Required/Optional	Optional
Domain (Valid Values)	dom_STATUS_P
Data Type	Variable Characters (12)

7.20 VERSION_NAME

Geodatabase Name	VERSION_NAME
BLM Structured Name	Geodatabase_Version_Text
Inheritance	Inherited from Entity Oregon Data Framework. 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.
Feature Class Use	All feature classes
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
Required/Optional	Required
Domain (Valid Values)	No Domain. Example: sfrazier.GRA-121211-111034
Data Type	Variable Characters (50)

7.21 WILD_CLEAR

Geodatabase Name	WILD_CLEAR
BLM Structured Name	Wildlife_Clearance_Date
Inheritance	Inherited from Entity FACILITIES PROPOSED
Feature Class Use	RECSITE_P_POLY, RECSITE_P_POINT
Definition	Date the facility site received wildlife clearance. Use YYYYMMDD or YYYYMM (if only year and month is known) or YYYY format (if only year is known) or "UNKNOWN".
Required/Optional	Optional
Domain (Valid Values)	No Domain. Examples: 20120623; 20051010
Data Type	Characters (8)

8. ASSOCIATED FILES OR DATABASES

There are two national database applications with relevance to Recreation Sites. These are the Facility Asset Management System (FAMS) and the Recreation Management Information System (RMIS).

In addition, the Recreation Site themes used in the Western Oregon Plan Revision (WOPR) included a great number of attributes not included in this standard. These attributes can be exported as a separate table and linked to the standard RECSITE feature classes using either the name of the site or by creating another linking field.

9. LAYER FILES (PUBLICATION VIEWS)

General Background:

Master corporate feature classes/datasets maintained in the edit database (currently orsoedit) are “published” to the user database (currently orsovctr) in several ways:

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

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 process., and can be deleted and recreated at any time.

All datasets are published, both internally and externally, with the attribute VERSION_NAME removed (also for privacy reasons).

Recreation Sites have some unique cartographic requirements that should be addressed.

On small-scale maps the generally small polygons of RECSITE_POLY are not easily seen. A point representation that can be shown with a large symbol (such as the standard campground symbol) is needed. Centroid points will be automatically generated from RECSITE_POLY and stored in the feature class RECSITE_POLY_POINT. There will be a layer file pointing to these point features plus a layer file pointing to RECSITE_POINT and a layer file pointing to RECITE_P_POINT, all symbolized with standard recreation symbology. They will omit the currently closed (OPEN_STAT='Closed', 'Abandoned', 'Obliterated') features. Layer files pointing to RECSITE_POLY and RECSITE_P_POLY symbolizing the polygons with solid shading will also be provided.

10. EDITING PROCEDURES

Cluster Tolerance

In ArcGIS 9.2, cluster tolerance is synonymous with the feature class XY Tolerance. For these themes, the XY Tolerance is 0.00000002 Degrees.

Topology Rules

There are no topology rules for these themes.

Allowed Exceptions

N/A

Reference Themes and Tables

The supplied WOR_Amenities table can be used as an editing reference. Similarly a download from RMIS and/or FAMS (not supplied) might be helpful. GIS themes available in OR/WA SDE databases that may be helpful as a backdrop include OWNERSHIP, GTRN, Streams, Lakes, DRG and DOQ.

Editing Symbolology

There is no specific symbolology for editing, however two Style Sets were developed for the three associated point feature classes for cartographic display and output.

REC_TYPE_Point_Symbols.style – RECSITE_POINT, RECSITE_P_POINT

REC_TYPE_Poly_Symbols.style - RECSITE POLY_POINT

In addition, several layer files (.lyr) will be available for use in ArcMap while editing and map creation.

Editing Workflow

Decide whether the site should be represented as a point or polygon feature using data standard guidance (determine the REC_TYPE) and whether it should be single or multiple points and/or polygons

in the same vicinity. Multiple sites can be related or “tied” to each other through name, RMISKEY or FAMSKEY.

Get the official name by consulting both RMIS and the District or State Recreation Data Steward.

The complete official name is put into REC_NAME. A shorter or local name may be placed in REC_LABEL.

Fill remaining attributes with information from RMIS and/or FAMS and/or Recreation Data Stewards. Fix or at least document and report errors in RMIS/FAMS. Update the WOR_Amenities table if needed.

Snapping Guidelines, Ranks and Tolerances

Standard good editing practices.

"Do's and Don'ts"

Don't overlap existing site polygons (RECSITE_POLY).

Overlapping proposed site polygons (different alternatives, for example) is allowed, but don't overlap a proposed polygon with an existing site polygon unless the proposal is to change the existing site extent.

Don't confuse BLM_ORG_CD (BLM office that the site is "assigned" to) with FAC_ADM (governmental entity that "runs" the site).

11. OREGON/WASHINGTON DATA FRAMEWORK OVERVIEW

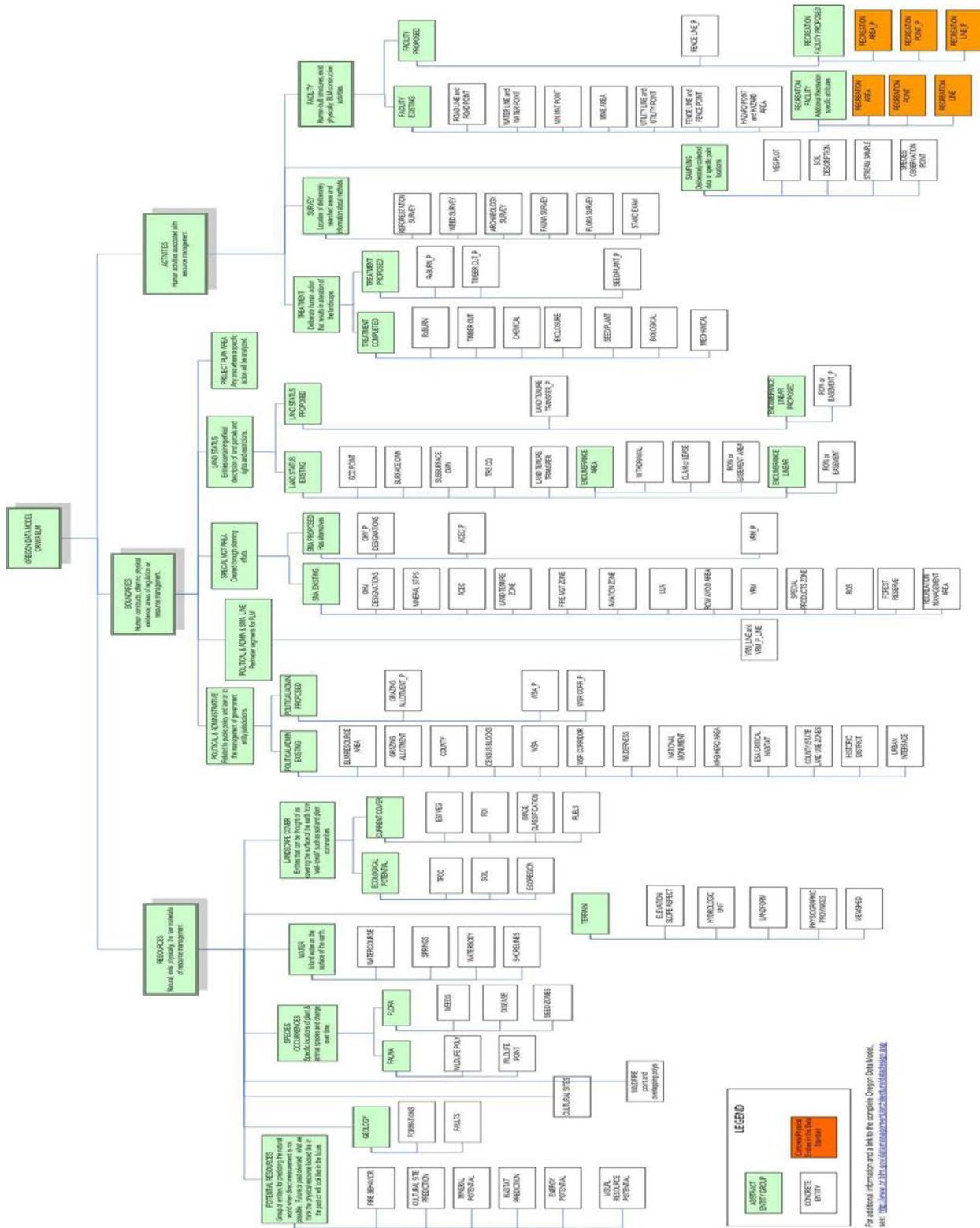


Figure 2 – Oregon Data Framework

12. ABBREVIATIONS AND ACRONYMS USED IN THIS STANDARD

Does not include abbreviations/acronyms used as codes for particular data attributes.

Abbreviations	Descriptions
BLM	Bureau of Land Management
DRG	Digital Raster Graphic
DOQ	Digital Orthophoto Quadrangle
FAMS	Facility Asset Management System
FOIA	Freedom of Information Act
GIS	Geographic Information System
GNIS	Geographic Names Information System
GTRN	Ground Transportation spatial data layer
IDP	Interdisciplinary
NAD	North American Datum
NARA	National Archives and Records Administration
ODF	Oregon Data Framework
OR/WA	Oregon / Washington
RMIS	Recreation Management Information System
ROD	Record of Decision
RMP	Resource Management Plan
SDE	Spatial Data Engine
WOPR	Western Oregon Plan Revision

Table 2 - Abbreviations/Acronyms Used

APPENDIX A. DOMAINS (VALID VALUES)

The domains listed below are those that were in effect at the time the data standard was approved and may not be current. Contact the State Data Administrator for current lists:

OR/WA State Data Administrator
Bureau of Land Management
P.O. Box 2965
Portland, OR 97208
503-808-6009

Note that domain CODE, as seen in the geodatabase, is added to the DESCRIPTION.

A.1 BLM_ORG_CD

OR000	OR000–Oregon/Washington BLM
ORB00	ORB00–Burns District Office
ORB05	ORB05–Three Rivers Field Office
ORB06	ORB06–Andrews Field Office
ORC00	ORC00–Coos Bay District Office
ORC03	ORC03–Umpqua Field Office
ORC04	ORC04–Myrtlewood Field Office
ORE00	ORE00–Eugene District Office
ORE05	ORE05–Siuslaw Field Office
ORE06	ORE06–Upper Willamette Field Office
ORL00	ORL00–Lakeview District Office
ORL04	ORL04–Klamath Falls Field Office
ORL05	ORL05–Lakeview Field Office
ORM00	ORM00–Medford District Office
ORM05	ORM05–Butte Falls Field Office
ORM06	ORM06–Ashland Field Office
ORM07	ORM07–Grants Pass Field Office
ORM08	ORM08–Glendale Field Office
ORP00	ORP00–Prineville District Office
ORP04	ORP04–Central Oregon Field Office
ORP06	ORP06–Deschutes Field Office
ORR00	ORR00–Roseburg District Office
ORR04	ORR04–Swiftwater Field Office
ORR05	ORR05–South River Field Office
ORS00	ORS00–Salem District Office
ORS04	ORS04–Cascades Field Office
ORS05	ORS05–Marys Peak Field Office
ORS06	ORS06–Tillamook Field Office
ORV00	ORV00–Vale District Office
ORV04	ORV04–Malheur Field Office
ORV05	ORV05–Baker Field Office

ORV06	ORV06–Jordan Field Office
ORW00	ORW00–Spokane District Office
ORW02	ORW02–Wenatchee Field Office
ORW03	ORW03–Border Field Office

A.2 JURIS_CODE

BL	BL-Bureau of Land Management
BP	BP-Bonneville Power Administration
BR	BR-Bureau of Reclamation
CE	CE-Corps of Engineers
CG	CG-U.S. Coast Guard
DA	DA-U.S. Dept. of Agriculture (except the Forest Service)
DD	DD-U.S. Dept. of Defense (Except the Corps of Engineers)
FA	FA-Federal Aviation Administration
FC	FC-Federal Energy Regulatory Commission
FS	FS-U.S. Forest Service
FW	FW-U.S. Fish and Wildlife Service
GS	GS-U.S. Geological Survey
GSA	GSA-General Services Administration
IA	IA-Bureau of Indian Affairs and Tribal Units
LG	LG-Local Government
NP	NP-National Park Service
PV	PV-Private Lands
PVI	PVI-Private, Industrial
PVN	PVN-Private, Non-Industrial
PVU	PVU-Private, Urban
SDT	SDT-State Transportation Department
ST	ST-State Managed Lands
STF	STF-State Forests
STL	STL-State Division of Lands
STP	STP-State Parks
STW	STW-State Wildlife Refuges
UN	UN-Undetermined

A.3 OPEN_STATUS

Abandoned	Abandoned-Site has been abandoned (not expected to re-open)
Closed	Closed-Site is closed and not currently available for use
Obliterated	Obliterated-All evidence of the site has been removed
Seasonal	Seasonal-Site is open only during certain times of the year
Unknown	Unknown-The open status of the site is not known
Yearlong	Yearlong-Site is open all year

A.4 PLANID

This is a lengthy list of domain values. The domains are available at the following web location:
<http://www.blm.gov/or/datamanagement/index.php>

A.5 REC_DEV_LVL

Developed	Developed-Permanent facilities that are listed in both FAMS and RMIS
Dispersed	Dispersed-Sites with minimal development. Not a permanent facility.

A.6 REC_TYPE_POINT

Boat Launch	Boat Launch-Boat launch point
Cabin	Cabin-Cabin Site
Campsite	Campsite-Campsite point
Cave	Cave-Entrance point
Comfort Stop	Comfort Stop-Roadside Toilet Structure
Environmental Education	Environmental Education-Environmental Education point
Hang-gliding	Hang-gliding-Hang-gliding launch point
Hot Springs	Hot Springs-Hot Springs point
Information Center	Information Center-staffed information center
Interpretive Site	Interpretive Site-Interpretive Site (unstaffed)
Scenic Overlook	Scenic Overlook-Scenic Overlook point
Staging Area	Staging Area-Preparation/Parking Area point
Swimming Area	Swimming Area-Swimming Area point
Trailhead	Trailhead-Trailhead point
Visitor Center	Visitor Center-Major Visitor Information Center (staffed)
Water Access	Water Access-Water Access (no developed boat ramp)

A.7 REC_TYPE_POLY

Campground	Campground-area with multiple campsites that permits overnight stays
Climbing Area	Climbing Area-an area set aside for rock climbing
Day-Use Area	Day-Use Area-a general day-use area for picnics or any variety of daytime outdoor recreation
Historic Site	Historic Site-an area with general historic significance
Nature Study Area	Nature Study Area-an area where nature is studied and appreciated
OHV Area	OHV Area-an area set aside for intensive OHV use
Rockhounding Area	Rockhounding Area-an area set aside for rockhounding or mineral collection
Shooting Range	Shooting Range-an area set aside for target practice
Watchable Wildlife Area	Watchable Wildlife Area-an area used for the viewing of wildlife
Water/River Use Area	Water/River Use Area-an area where water-related activities occur
Winter Sports Area	Winter Sports Area-skiing or sledding area

A.8 STATUS_P

Initial	Initial- Pre-application or scoping, action not yet started
Pending	Pending – Active proposal, application filed
Rejected	Rejected – Considered by BLM and found unsuitable
Relinquished	Relinquished- Proposal released by the proponent
Suspended	Suspended – Activity halted
Closed	Closed – Realty case closed, proposal expired

A.9 YN

Y	Y-Yes
N	N-No
U	U-Unknown