Oregon/Washington Bureau of Land Management

Treatments

Spatial Data Standard

Prescribed pile burning on the BLM Prineville District. Photo taken by Jeff Kitchens on January 27, 2021.

Document Revisions

Revision	Date	Author	Description	Affected Pages
1.0	3/21/2012	Pam Keller	1st released version.	All
2.0	4/23/2014	Pam Keller	2nd released version.	All
2.1	3/25/2016	Roger Mills	Added new domain value and definition Gavin Hoban's request for CHEM_EPA. 241-365; 241-365-Plateau. The brand name for Imazapic herbicide.	Page 85 and 86
2.2	9/19/2016	Eric Hiebenthal	Replaced Jeanne Standley with Erin McConnell as Weeds Data Steward. Updated SDA contact. Added EA_UNIT attribute.	Section 1.1, 7.1
2.3	3/11/2017	Kyler Diershaw	Updated State Data Steward. Updated State Data Administrator contact in 5 places.	Section 1.1, 2.5, 2.7, 4.0, 12.0
2.4	3/20/2017	Kyler Diershaw	Added hyperlinked Table of Contents, updated BLM_ORG_CD, updated Records Retention Schedule text.	TOC, A.3, 1.3
2.5	5/2/2017	Micah Babinski	Updated keywords, schema descriptive text. Updated TRT_HARV_POLY schema, added EA_UNIT definition. Updated definitions for SALE_DATE, SALE_FY, TRT_DATE, TRT_FY, TRT_STATUS. Updated domains: dom_CHEMICAL, dom_REASON, dom_TRT_TARG, and dom_WORKAGENT.	1.5, 4.0, 4.4, 7.44, 7.70, 7.71, 7.73, 7.74, 7.78, A.5, A.25, A.31, A.33
2.6	2/15/2018	Al Thompson	Update to new format.	All
2.7	2/5/2019	Eric Hiebenthal	Added new domain value to dom_WORKAGENT.	A.30
2.8	5/7/2019	Roger Mills	Added new attribute SNAGS_AC and updated schema for TRT_MECH_POLY & TRT_HARV_POLY	7.72
2.9	5/7/2019	Roger Mills	Added new attribute PE_CD for all feature classes.	7.60
2.10	5/20/2019	Roger Mills	Add UNIT_NUM attribute RF 184 Dana Baker Allum. Field already exists in TRT_HARV_POLY, add to BURN, MECH, PROT, REVEG. Change BLM Structured Name to Unit_Number_Identifier	4.4, 4.7, 4.8, 4.9, & 7.82
2.11	4/17/2020	Dana Baker-Allum	Changed Harv Sale Date/FY to optional. See change request 196.	27, 61
2.12	8/24/2020	Dana Baker-Allum	Changed Workagent, Unit Num, Harv Meth to allow nulls for records with a Deferred Status. Added Mineral Activity to dom_REASON.	27-28, 51, 70, A.22
2.13	3/30/2021	Dana Baker-Allum	Added missing retention Harvest Prescription codes. Adjusted rules for when HARV_METH is required.	A.13, 7.47
2.14	5/10/2021	Dana Baker-Allum	Corrected dom_CHEM_EPA domain.	A.7
2.15	7/23/2021	Dana Baker-Allum	Changes to dom_CHEMICAL, dom_CHEM_BRAND, dom_CHEM_EPA, dom_TRT_TARG	A.5, A6, A.7, A.28

Revision	Date	Author	Description	Affected Pages
3.0	1/23/2024	Dana Baker-Allum, Shelley Moore	Reformatted document to meet Section 508 standards and match the latest data standard template. Updated FOIA category, records retention schedule text, and keywords. Updated architecture diagrams. Added field aliases, edit tracking fields, default values for required fields, and constraint rules. Updated Collection, Input, and Maintenance Protocols to reflect the correct field names. Treatment feature classes renamed to TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY Incorporated Forestry attributes into the feature classes. These attributes were previously held in related Micro*Storms tables. Added additional tables to this document to describe forestry related tables. Added field FRST_TRT to differentiate forestry treatments from all other business areas. Added NATL_FLAG field to feature classes. Added TSIS_LINKED and TSIS_ID fields to TRT_HARV_POLY. Added FY_START and WORKAGENT to TRT_FRST_CNTRCT_TBL table. Added codes to the following domains: dom_BIO_AGENT, dom_CHEM_BRAND, dom_CHEM_EPA, dom_CHEM_TYPE, dom_MECH_METH, dom_MECH_TYPE, dom_PHENOLOGY, dom_REASON, dom_WORKAGENT. Changed domain name Chemical_Component_Carrier_Type_Name to VMAP_DOM_DILUENT_TYPE. Changed domain name Chemical_Agent_UOM_TYPE_NAME to dom_CHEM_UOM Changed domain name dom_WEEDS_PlantSpeciesCode to dom_WEED_SPCS RESOURCE_AREA changed to FIELD_OFFICE in the Forestry/Micro*Storms publication dataset. Updated Section 8 Publication Views to better reflect the contents and design of the publication datasets.	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 underline.

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.

Contents

1 General Information

This dataset represents land treatments. Treatments for this purpose are defined as human alterations to the landscape for the purpose of natural resource management including use, enhancement, and protection. Treatments are areas (polygons), zones of alteration. Although a point or line may be thought of as a treatment, it is the area treated that must be captured. To reduce complexity, make editing easier and more accurate, treatments were split into separate feature classes according to major treatment type. Major treatment types have the following characteristics:

- Easily defined and intuitively understood.
- Mutually exclusive (no ambiguity about which feature class a treatment belongs to).
- Significantly different methods.
- Significantly different effects.

The following seven major treatment types are identified as follows:

1. Prescribed fire (BURN)

   The deliberate burning of wildland fuels in either their natural or modified state under specified environmental conditions (Helms, 1998).

2. Biological (BIO)

   The introduction of foraging species, predators, or parasites to control plant or animal pests, or to selectively suppress or remove vegetation. Biological treatments are characterized by a release point (represented by one acre polygon), and a larger, possibly expanding affected area (which extent may be difficult to determine and is subjective).

3. Chemical (CHEM)

   Application of herbicide or pesticide, to control or kill pests, or fertilizer to enhance plant growth. Chemical treatments have complex reporting requirements. Additional attributes are necessary for each chemical in the mix such as chemical application, quantity, active pounds applied, and target species.

4. Harvest (HARV)

   Cutting or removing trees or biomass. The contract number will be included for linking to detailed information.

5. Mechanical (MECH)

   Includes both machine and manual methods of area treatment. Includes pulling, piling, chopping, grinding, or mowing treatments to consolidate, reduce, or clear live or dead vegetation (might be grass, brush, small trees, stump removal), as well as, "Cut-Leave" of trees and soil preparation, such as plowing or ripping.

6. Exclosure/Protection (PROT)

   Fenced exclosures or application of protective devices on trees or soil surface. The entire area is considered treated with protection measures. A separate theme (STRCT_ARC and/or STRCT_PT) may or may not capture individual structures or devices used.

7. Revegetation (REVEG)

   Planting or seeding.

Both existing (completed) treatments and proposed (planned) treatments are included in each of the treatment types. Planning and completion status is clearly identified.

- Dataset (Theme) Name: Treatments

- Dataset (Feature Class): TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY, TRT_FRST_CNTRCT_TBL, TRT_REVEG_PLNT_TBL, TRT_REVEG_PLTSTK_TBL, TRT_TRG_SPCS_TBL

1.1 Roles and Responsibilities

Table 1 Roles and Responsibilities

Roles	Responsibilities
State Data Steward	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.
GIS Technical Lead	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.
State Data Administrator	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.
State FOIA/Privacy Act Team Lead	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.
State Records Administrator	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 **20/52a4** (Electronic Records/Geographic Information Systems), lists this theme, **Vegetation treatment and management**, as one of the system-centric themes that are significant for BLM's mission that must be permanently retained.

"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) Bureau of Land Management (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 off-line 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

This 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 sensitive and there are restrictions on access to this data, either from within the BLM or external to the BLM. 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.

There are no privacy issues or concerns associated with these data themes. A privacy impact assessment was submitted for this dataset on 12/8/2023.

1.5 Keywords

Keywords that can be used to locate this dataset include:

- BLM Thesaurus: Disturbance, Fire, Forest, Vegetation
- Additional keywords: treatment, vegetation treatment, land treatment, range improvement, timber management, timber harvest, vegetation cutting, seeding, planting, biological treatment, chemical application, prescribed fire, burn treatment, fuels management, vegetation protection, exclosure, resource improvements, soil preparation, cultivation, vegetation clearing, monitoring, utilization, grazing, livestock, animal, ranching.
- ISO Thesaurus: biota, economy, environment, location, farming

1.6 Subject Function Codes

BLM Subject Function codes used to describe this dataset include:

- 1283 - Data Administration
- 9167 - Geographic Information System (GIS)

2 Dataset Overview

2.1 Usage

This dataset is the spatial corporate repository for land management treatments. The data standard and the GIS data are the spatial foundation for the Forestry, Fire, and Range programs, and their program specific applications. This corporate approach manages core data across resource programs to portray a comprehensive record of treatments for the BLM lands. This dataset is used for district, state, and regional needs for management and query of land management treatment.

The Treatments dataset is part of the overall national Micro*Storms (M*S) dataset, which includes polygon-based vegetation classification, recording vegetation treatments both completed and proposed, and recording treatment surveys both completed and proposed. M*S is daily use, mission critical tool which support a variety of day-to-day operations in forest management by the districts and supports corporate level reporting of forest conditions.

2.2 Sponsor/Affected Parties

The sponsor for this dataset is the Deputy State Director, Division of Resources, Lands and Minerals.

Affected parties include the BLM Division of Forest, Rangeland, and Vegetation (WO-220) Forest Management section who are the Micro*Storms business owners and OR-916 Office of Fire and Aviation.

Since no interagency data standard exists, this data standard is not implemented beyond BLM although BLM treatments may extend onto other ownerships where a cooperative agreement exits.

2.3 Relationship to Other Datasets, Databases, or Files

The Treatments dataset is related to the following datasets:

- VMAP - The BLM Vegetation Management Action Portal (VMAP) is the national repository for vegetation treatments and related features. VMAP works in tandem with the OR/WA Treatments datasets. Data is downloaded from VMAP weekly and included in the OR/WA Treatments publication dataset to provide a complete dataset of treatment. See section 8.2 for more information about the publication datasets. When VMAP is fully implemented, VMAP will consolidate forestry, vegetative invasive species, emergency stabilization and rehabilitation (ESR), fuels, and range improvement projects. As of publication of this document, VMAP is the master database for vegetative invasive species, replacing the National Invasive Species Information Management System – Plants (NISIMS), and for ESR data, replacing the National Fire Plan Operations and Reporting System (NFPORS). Treatments of these two types should be entered into VMAP and not the OR/WA data. Forestry, fuels, and range improvement treatments should continue to be entered into the OR/WA Treatments datasets.
    - NFPORS - The National Fire Plan Operations and Reporting System (NFPORS) national interagency database contains tabular information about prescribed fire and related treatments. The spatial entities are maintained in the Treatments theme group and uploaded to the national spatial Vegetation Treatment (VTRT) dataset, which is linked to NFPORS on request. The linking field, NFPORS_PROJID plus NFPORS_TRT_ID and NFPORS_PROJID, are provided.
    - RIPS - The Range Improvement Project System (RIPS) was the national BLM database containing information about fences, water developments, and other rangeland projects. The RIPS data was migrated to VMAP but as of the publication of this document on the allotment transfer and assignment workflow has been implemented in VMAP. The treatment data associated with the range improvement projects has not been migrated into VMAP as this migration is not possible with a bulk import. Most of the spatial features associated with rangeland improvement projects are found on the Structures theme group, described in a separate data standard. Some spatial features are found in the Treatments theme group. A linking field, RIPSKEY, is provided.

- Activity Plan Boundaries and Treatment Project Areas - Treatments are associated with the plan or project that authorizes them. This can be captured in the attribute PLANID in one of these data standards. Planning or Project Area boundaries are found on a separate feature class (PLANBDY) under a separate data standard. It is important to distinguish between treatment areas (the extent of on-the-ground alteration) and Plan/Project Area Boundary (the area under a particular management direction). Typically, a planning area boundary contains multiple treatment areas which may be implemented over multiple years.
- Special Product Zones - Areas set aside for collection of forest products such as boughs, mushrooms, and firewood are areas of regulation that have attributes like number of permits and total quantity of product. These areas are found on a separate theme in the "Boundaries" group of the Oregon Data Framework (ODF). Even though they can be thought of as a Harvest, unlike HARV (and treatments, in general), we do not know and do not need to know where, specifically, the harvest is occurring within these special areas.
- Structures - Treatments may have some associated construction (facilities or structures in the ODF), such as fences. These structures are maintained on a separate feature class and related, as necessary, to the treatment areas through the TRT_ID, and/or PLANID. Structures are line or point features. A fixed buffer is sufficient for determining acres, if needed. Structures are discrete things that are built, like building blocks. Structures have meaning outside of treatment, and not all structures are related to treatment. In other words, treatment entities may or may not have associated structures, and structures may or may not have associated treatments; treatments and structures have meaning independent of each other. Structures are given a treatment identity by linking to a treatment entity via TRT_ID and/or using the REASON attribute. A separate data standard will be issued for structures (STRCT_ARC and STRCT_PT feature classes).
- Realty - Other GIS spatial entities can be interpreted as serving the same purpose or benefit as a treatment. For example, a conservation easement (a land status GIS theme) protects land just as an enclosure protects land. Similarly, there are natural features that may serve the same purpose or function as a treatment. For example, a natural barrier versus a fabricated barrier for erosion control. These other GIS features are not duplicated as treatment entities. Additional attributes or linked tables can be applied to the other GIS feature classes to capture the treatment interpretations needed for query and analysis.
- Vegetation - Treatment entities affect vegetation, changing it in some way. Vegetation is a landscape, wall-to-wall entity, and treatments are isolated patches. Changes to vegetation resulting from a treatment must be incorporated using the attributes and protocols meaningful for vegetation to retain consistency across the landscape. Vegetation polygons can be updated with treatments using a simple GIS union of treatment(s) with vegetation, followed by appropriate changes to the vegetation attributes. Vegetation will always represent the current vegetative landscape cover. It can be updated concurrently with treatments entities but will be updated at least annually. Historic vegetation will be maintained with simple annual archives that can be retrieved for change over time analysis. There will be more than one vegetation layer. The ESIVEG will initially contain the current vegetation from the Ecological Site Inventory. The FOIVEG will initially contain the original FOI polygons and legacy FOI key. Both will be updated, as necessary, to reflect completed treatment activities.
- Survey - Surveys (including Reforestation and Forest Surveys) are areas searched for plants, animals, or cultural sites according to protocols. The actual searched area is captured on the appropriate feature class in the survey group of themes (not described in this data standard). The treatments group of themes, however, has "clearance" attributes (ARCH_CLEAR, BOT_CLEAR and WILD_CLEAR) that relate to surveys. One of the reasons a survey might be initiated is to clear proposed treatment projects. The survey area might be either identical to, smaller than or larger than the treatment area. The treatment area polygon is attributed with the date cleared, but to see the actual surveyed area and survey-related attributes, it is necessary to look at the survey feature class.
- Monitoring - Monitoring is done on treatment entities, but also on resources in their natural state and on

management actions that are outside of the definition of treatment (such as monitoring special management designations). Monitoring information for GIS treatment entities can be captured in several ways:

- The attribute TRT_MONI on each feature class provides a way to record the results of a treatment. Multiple monitoring polygons can be created for a treatment if it is monitored more than once, and it is necessary to retain more than one monitor result. In this case, xxx_TYPE is filled with "Monitor". The domain for TRT_MONI is Acceptable/Mixed Results/Unacceptable.

  And/Or:

- A table can be created that has multiple records for each treatment (TRT_ID and TRT_NAME), different monitored dates and the monitoring results. This is how on-going monitoring can be tracked over time.
- There may be sample points where specific measurements (possibly just a photo) were taken. These sample points are maintained in a separate, distinct GIS feature class (SAMPLE_PT).

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.

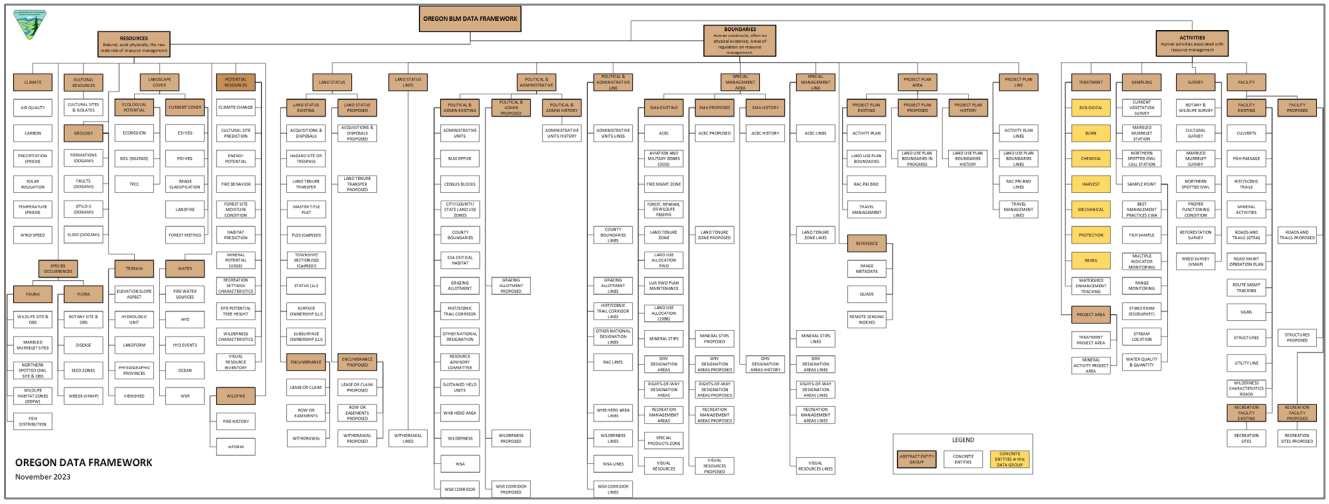

Figure 1 Oregon Data Framework Overview

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 Treatments entities are highlighted. For additional information about the ODF, contact the State Data Administrator. The State Data Administrator's contact information can be found at the following link: https://www.blm.gov/about/data/oregon-data-management.

In the ODF, Treatments are considered an Activity and categorized as follows:

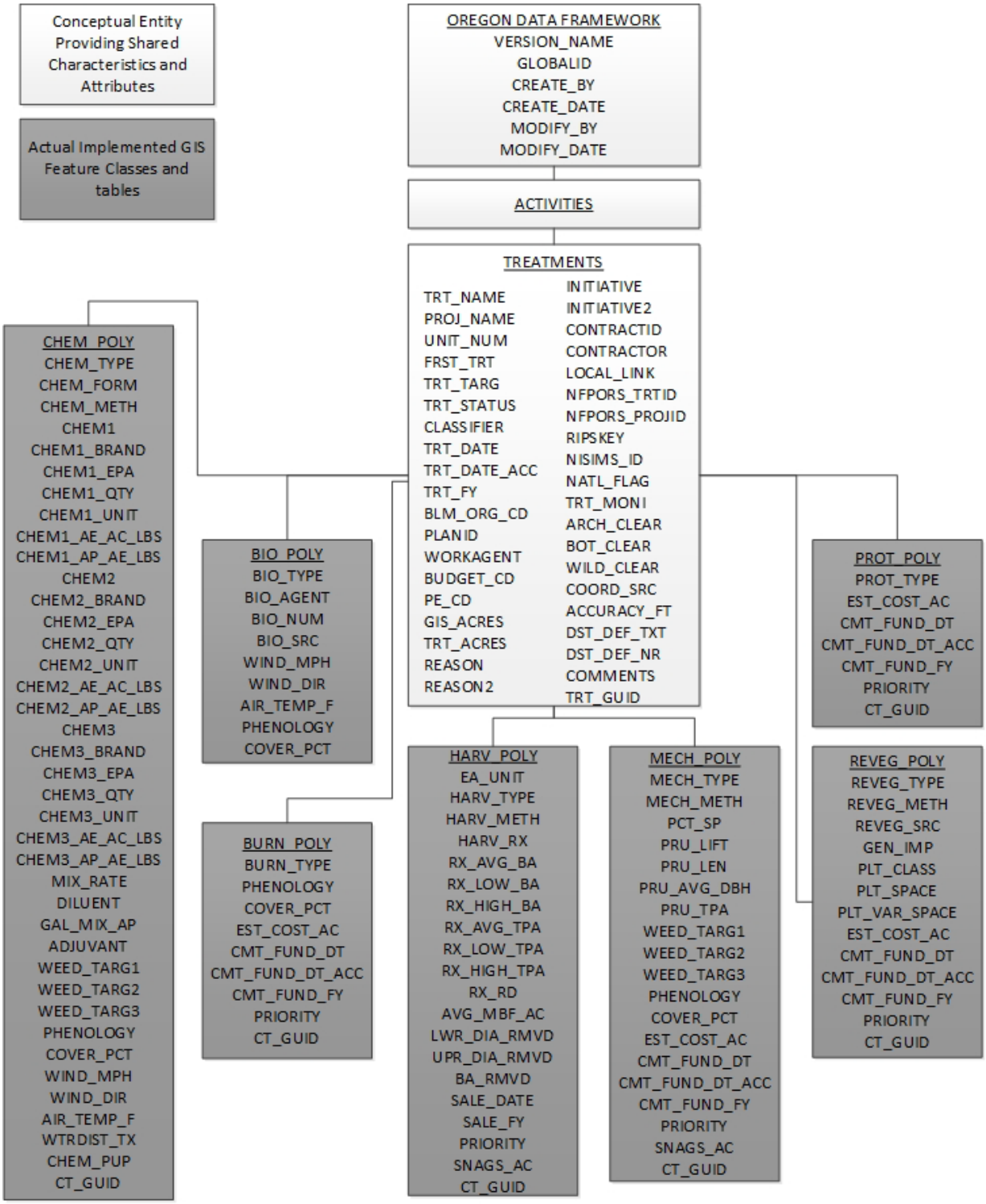

Figure 2 **Data Organization Structure Treatments Feature Classes**

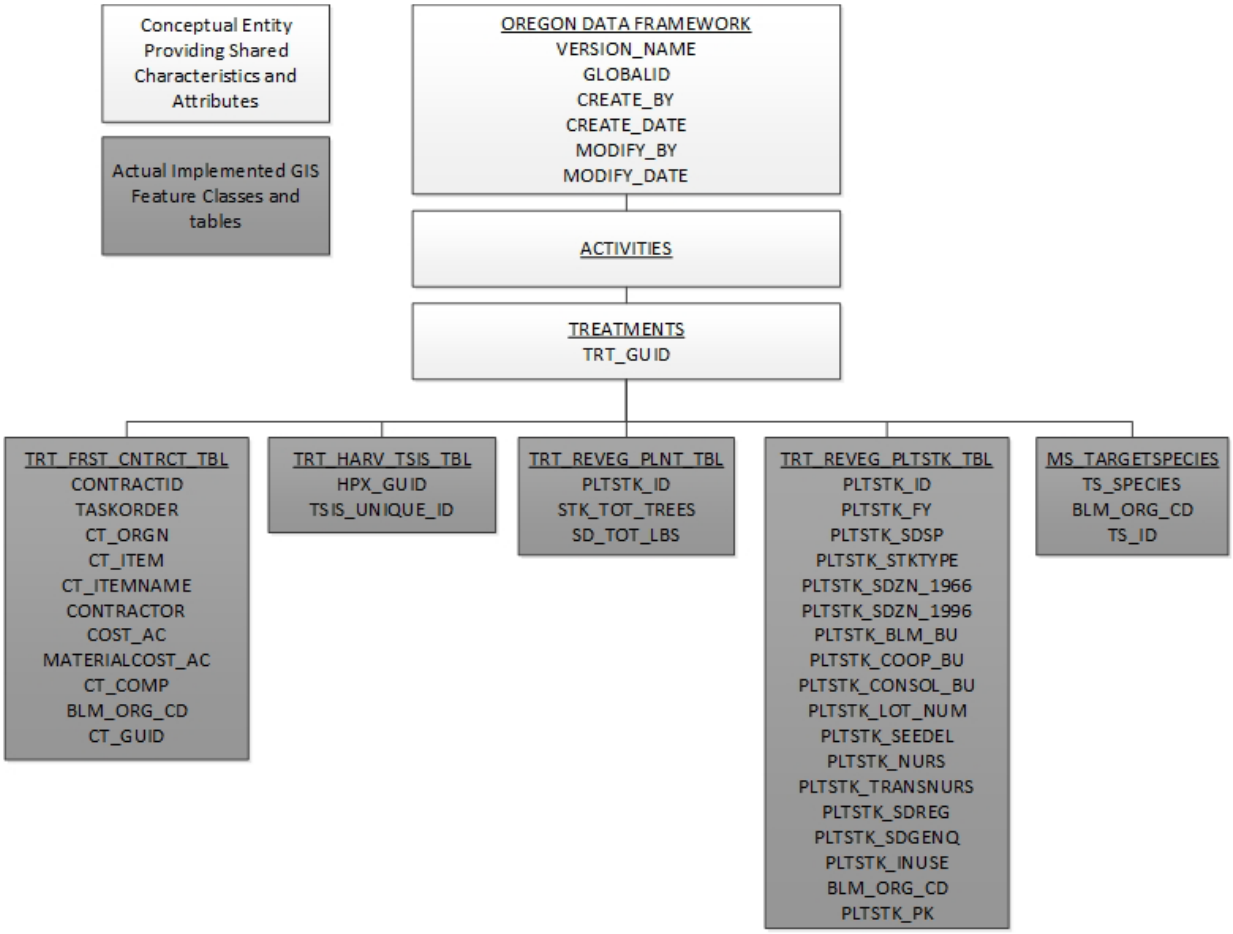

Figure 3 Data Organization Structure Forestry Related Tables

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

Treatment unit boundary accuracy is determined by the programmatic requirements for the treatment. These data have a wide range of accuracies. The attribute ACCURACY_FT specifies locational accuracy, but there are many instances where the value is unknown. Many features were imported from legacy data and the attributes are very incomplete. However, newer features will have information that is more complete and over time, the dataset will become more accurate. A high degree of accuracy is not required for land treatments because the specific individual perimeters are not as important as the aggregation of treatments. Acreage reports that are rounded to the nearest acre, 10 acres or even 100 acres is often sufficient. In addition, the nature of land treatments (burning, seeding, etc.) does not lend itself to precise boundaries.

3.2 Collection, Input, and Maintenance Protocols

Creating Treatment Entities

A new treatment entity is always created if it occurs on a different date or if it falls under a different feature class. These treatments can overlap (occupy the same footprint space) in whole or part.

You must create a new treatment entity if there is a significantly different type, method, or target, even if the date and feature class are the same. If the treatment dates are the same, however, the new entity should not overlap, but will either split a treatment entity or fall in a different location. There are exceptions to this rule, especially for mechanical treatments, where it may be important to have separate (and overlapping) polygons for two treatment types that occur on the same date.

Other attributes (the "who" and "why," for example) are attached to a treatment entity and do not drive creation of new entities. Remember treatment entities are defined by "what" was done, and "when."

Overlapping polygons (polygons that cover the same acre of ground) are common across feature classes but are minimized and controlled within a feature class. In general, only a new treatment date results in potential overlap within the same feature class.

Example 1:

A seeding polygon has one area that was drill seeded and the rest was broadcast. It was done on the same day or within a short enough period to be considered one treatment date. The polygon is split with no overlap. The two polygons have different (unique) TRT_GUID, but the same TRT_DT.

Example 2:

A seeding polygon has one area that was drill seeded on one day and sometime later, a broadcast seeding was applied. The two polygons have different (unique) TRT_GUID and different TRT_DT. The second polygon may overlap the first.

Treatment Name ID:

A new treatment entity is given a unique TRT_GUID across all feature classes. The TRT_GUID identifies the smallest treatment units and are unique polygons. In other words, every polygon has a unique TRT_GUID. It is important to not overwrite an existing TRT_GUID, unless the treatment is being completely removed or replaced with another Identification (ID), and all linking databases and tables have been updated.

The TRT_NAME identifies the individual treatment entity. Treatment entities can be associated (within or across treatment feature classes) using PROJ_NAME and/or PLANID, and/or CONTRACTID. These are all ways to tie individual treatment units together as a "project." There can be many TRT_GUIDs with the same PROJ_NAME and there can be many PROJ_NAMEs for the same PLANID. Simple polygons, not multi-part, are used.

Example 1:

For the "NoName" burn project, there are three separate polygons. The PROJ_NAME is "NoName" for all three, but each gets a unique TRT_GUID, and TRT_NAME might be "NoName1", "NoName2", and "NoName3" or "Tom", "Dick", and "Harry". The individual treatment polygons might be on the same feature class or different ones.

Example 2:

For the "NoName" weed spray contract, there are numerous small polygons, and it is not important to identify each by name. The PROJ_NAME is "NoName" for all polygons, but each gets a unique TRT_GUID. Since TRT_NAME really does not matter, it can be default filled with PROJ_NAME plus TRT_ID: "NoName1006", "NoName1007", "NoName1008", etc.

Digitizing Treatments:

Treatment polygons can be collected and input in a variety of ways including digitizing using paper maps, Global Positioning System (GPS), on-screen digitizing using a Digital Orthophoto Quad or Digital Raster Graphic backdrop, duplicating lines from ownership, roads or stream layers, or a combination of these. Treatment boundaries based on identifiable physical features, such as roads, ridgelines, streams, or on ownership changes, should use those source line features to illustrate the cartographic relationship.

The coordinate source of the polylines is documented in COORD_SRC, and the recorded +/- accuracy (total of all input errors) of the GIS representation compared to actual location is stored in ACCURACY_FT.

Linking Fields:

Linking fields are provided to relate the core treatments data to resource specific applications such as RIPS (RIPSKEY) and NFPORS (NFPORS_PROJID plus NFPORS_TRTID). The contract number can potentially be used to link other data sources, such as from TSIS and SCID. Linking fields are filled in when a new Treatment entity (new TRT_GUID) is created.

Proposed vs Completed:

As proposed treatments move from initial concept to active proposals to completed, the values in TRT_STATUS are changed. Adjustments to the Treatment perimeters are likely to occur as the treatment moves through the process. It is up to the district data steward to determine whether it is necessary to retain the iterative proposed and active boundaries or just completed boundaries. It is important to be able to show the progression of completed treatments applied to the land from year to year. It is also important to be able to go back to previously proposed but dropped treatments. If the district data steward decides to track treatments as they move through the process implementation, such as when showing areas as they become completed within a larger proposed treatment unit, then it is necessary to split the Treatment polygons. The split off polygons will receive a new TRT_GUID and linkage to the overall project will be through PROJ_NAME.

Additional editing guidance is available in section 9 of this document. Details about attributes are available in section 7 of this document.

3.3 Attribute Design Considerations

The difference between treatment "type" and treatment "method" is subtle and can be confusing. In general, it is a matter of detail. The separate feature classes (BIO, BURN, CHEM, HARV, MECH, PROT, and REVEG) represent the highest, most general, category of Treatments. Each of the general types (feature classes) has a treatment type attribute (xxx_TYPE) for more specific types within the overall treatment category, e.g., "Tree Planting", "Tree Seeding", and "Seeding" for REVEG_TYPE. The treatment types (xxx_TYPE attribute) represent he next level of detail. Some general types (feature classes) require even more detail about the treatment and have a method attribute (xxx_METH) for even more detail about the treatment. The level of detail necessary and domain of choices varies by treatment type.

A number (TRT_ID) and a name (TRT_NAME or PROJ_NAME plus TRT_NAME) uniquely identify each Treatment entity. Frequently, there are multiple treatment components for a treatment. There may be multiple

components of one type or multiple components of different types associated with each other. It is up to the data steward creating the Treatment entity to decide which polygons in which feature classes should be associated with each other. To provide that flexibility, TRT_ID/TRT_NAME is unique across all feature classes, but PROJ_NAME can be duplicated on different feature classes. For this reason, and because of the need to track treatments over time, it is critical that each district have standard naming conventions. Naming conventions should be established by programs or offices and enforced at that level. For example, PROJ_NAME might be "Big Creek" on four polygons with TRT_NAMEs of "Unit 1", "Unit 2", "Unit 3", and "Unit 4". In this case, PROJ_NAME plus TRT_NAME provides the unique, one-to-one relationship to TRT_ID. The PROJ_NAME is not required, however, the unique, one-to-one relationship to TRT_ID can be provided by TRT_NAME alone: TRT_NAME = "Big Creek 1", "Big Creek 2", "Big Creek 3", and "Big Creek 4". Treatment components can also be associated to each other through PLANID, NFPORS_PROJID or CONTRACTID.

The TRT_ID can also be used for linking to external tables and databases containing more detailed or program-specific information about the treatments if a program-specific linking field is not available.

Treatments are undertaken with an intended benefiting resource. This is captured in the REASON attribute(s). The treatment action might be tied to (accountable to) a particular initiative (INITIATIVE attribute) or program code (BUDGET_CD attribute). It is important to understand the distinction between attribute entities, such as REASON, and spatial entities. Create new Treatment polygons (spatial entities) only to track a spatial difference. A single treatment polygon can have multiple benefits. Only consider officially acknowledged and recognized benefits for a particular treatment. REASON will contain the most important, primary benefit, and a secondary benefit can be listed in REASON2. If needed, additional benefits can be listed in a simple table linked by TRT_ID. A single domain of choice is used for REASON on all Treatment feature classes so that valid comparisons and summary statistics are possible. Likewise, there is one domain for INITIATIVE used across all feature classes, and BUDGET_CD will have common entries. All domains can be added to with due consideration for prior usage.

The target of a treatment action is the thing (generally, species) directly impacted by application of the treatment. This is usually not the same as the benefiting species. For example, targeting juniper to benefit sage-grouse or targeting (seeding) grass to benefit livestock use. The target might be a specific species, a seed mix, or a more general term like Weeds. A single domain of choice is used for TRT_TARG.

3.4 Update Frequency and Archival Protocols

The state data steward and/or the program lead will establish the policy for update frequency and completeness for the Treatments framework data and the associated resource-specific applications. Updates are potentially very frequent. District resource specialists should check the themes frequently for spatial and attribute accuracy and keep the themes up to date with treatment activity, planning, and implementation. Specialists might include Range, Fuels, Fire, Timber, Silviculture, Botany, Riparian, Weeds, Wildlife, and others. Depending on the program, updates might be weekly, monthly, or quarterly. Resource specialists work with GIS specialists to accomplish the updates. District specialists are responsible for ensuring that the records in NFPORS, RIPS and other database applications agree with the data in the treatments themes.

Data is archived annually at the end of the fiscal year.

3.5 Statewide Monitoring

The state data stewards are responsible for checking consistency across districts for the theme(s) that are relevant to their programs. The state data stewards are responsible for coordinating the response to national BLM and interagency data calls for treatments data.

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 Treatments 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: https://www.blm.gov/about/data/oregon-data-management.

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

4.1 Feature Classes

4.1.1 TRT_BIO_POLY Feature Class (Biological Treatment 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
TRT_NAME	String	60		Yes	
PROJ_NAME	String	100		No	
UNIT_NUM	String	10		No	
BIO_TYPE	String	30	Unknown	Yes	dom_BIO_TYPE
BIO_AGENT	String	20	Unknown	Yes	dom_BIO_AGENT
BIO_NUM	Long Integer			No	
BIO_SRC	String	30		No	
WIND_MPH	Short Integer			No	
WIND_DIR	String	4		No	VMAP_DOM_WIND_DIRECTION
AIR_TEMP_F	Short Integer			No	
TRT_TARG	String	30		No	dom_TRT_TARG
WEED_TARG1	String	8		No	dom_WEED_SPCS
WEED_TARG2	String	8		No	dom_WEED_SPCS
WEED_TARG3	String	8		No	dom_WEED_SPCS
PHENOLOGY	String	30		No	dom_PHENOLOGY
COVER_PCT	Short Integer			No	dom_PCT100
TRT_STATUS	String	12	Proposed	Yes	dom_TRT_STATUS
CLASSIFIER	String	30		No	
TRT_DATE	Date		1/1/8888	Yes	
TRT_DATE_ACC	String		Day	Yes	dom_DT_ACC
TRT_FY	String	4		Yes *	

Attribute Name	Data Type	Length	Default Value	Required	Domain
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
PLANID	String	100		No	dom_PLANID
WORKAGENT	String	40	Unknown	Yes	dom_WORKAGENT
BUDGET_CD	String	50		No	VMAP_DOM_FBMS_SUBACTIVITY_CODE
PE_CD	String	2		No	VMAP_DOM_PRGM_ELEM_CD
GIS_ACRES	Double			Yes *	
TRT_ACRES	Double			No	
REASON	String	30	Unknown	Yes	dom_REASON
REASON2	String	30		No	dom_REASON
INITIATIVE	String	20		No	dom_INITIATIVE
INITIATIVE2	String	20		No	dom_INITIATIVE
CONTRACTID	String	50		No	
CONTRACTOR	String	30		No	
LOCAL_LINK	String	30		No	
NFPORS_TRTID	Long Integer			No	
NFPORS_PROJID	Long Integer			No	
RIPSKEY	String	6		No	
NISIMS_ID	GUID			No	
NATL_FLAG	String	40		No	dom_NATL_FLAG
TRT_MONI	String	20		No	dom_TRT_MONI
ARCH_CLEAR	Date			No	
BOT_CLEAR	Date			No	
WILD_CLEAR	Date			No	
COORD_SRC	String	7		No	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
DST_DEF_TXT	String	255		No	
DST_DEF_NR	Double			No	
COMMENTS	String	2000		No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	

Attribute Name	Data Type	Length	Default Value	Required	Domain
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* 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 TRT_BURN_POLY Feature Class (Burn Treatment 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
TRT_NAME	String	60		Yes	
PROJ_NAME	String	100		No	
UNIT_NUM	String	10		No	
FRST_TRT	String	1	U	Yes	dom_YN
BURN_TYPE	String	30	Unknown	Yes	dom_BURN_TYPE
TRT_TARG	String	30		No	dom_TRT_TARG
PHENOLOGY	String	30		No	dom_PHENOLOGY
COVER_PCT	Short Integer			No	
TRT_STATUS	String	12	Proposed	Yes	dom_TRT_STATUS
CLASSIFIER	String	30		No	
TRT_DATE	Date		1/1/8888	Yes	
TRT_DATE_ACC	String		Day	Yes	dom_DT_ACC
TRT_FY	String	4		Yes *	
EST_COST_AC	Double			Conditional	
CMT_FUND_DT	Date	8		Optional	
CMT_FUND_DT_ACC	String			Optional	dom_DT_ACC
CMT_FUND_FY	String	4		Optional *	
PRIORITY	String	15		No	dom_PRIORITY
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
PLANID	String	100		Conditional	dom_PLANID
WORKAGENT	String	40	Unknown	Yes	dom_WORKAGENT
BUDGET_CD	String	50		Conditional	VMAP_DOM_FBMS_SUBACTIVITY_CODE
PE_CD	String	2		Conditional	VMAP_DOM_PRGM_ELEM_CD
GIS_ACRES	Double			Yes *	

Attribute Name	Data Type	Length	Default Value	Required	Domain
TRT_ACRES	Double			Conditional	
REASON	String	30	Unknown	Yes	dom_REASON
REASON2	String	30		No	dom_REASON
INITIATIVE	String	20		No	dom_INITIATIVE
INITIATIVE2	String	20		No	dom_INITIATIVE
CONTRACTID	String	50		Conditional	
CONTRACTOR	String	30		Conditional	
CT_GUID	GUID			Conditional	
LOCAL_LINK	String	30		No	
NFPORS_TRTID	Long Integer			No	
NFPORS_PROJID	Long Integer			No	
RIPSKEY	String	6		No	
NISIMS_ID	String	38		No	
NATL_FLAG	String	40		No	dom_NATL_FLAG
TRT_MONI	String	20		No	dom_TRT_MONI
ARCH_CLEAR	Date			No	
BOT_CLEAR	Date			No	
WILD_CLEAR	Date			No	
COORD_SRC	String	7		No	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
DST_DEF_TXT	String	255		No	
DST_DEF_NR	Double			No	
COMMENTS	String	2000		No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* Values automatically generated

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

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

4.1.3 TRT_CHEM_POLY Feature Class (Chemical Treatment 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
TRT_NAME	String	60		Yes	
PROJ_NAME	String	100		No	
UNIT_NUM	String	10		No	
FRST_TRT	String	1	U	Yes	dom_YN
CHEM_TYPE	String	30	NA	Yes	dom_CHEM_TYPE
CHEM_FORM	String	15		No	dom_CHEM_FORM
CHEM_METH	String	20		Conditional	dom_CHEM_METH
CHEM1	String	20		No	dom_CHEMICAL
CHEM1_BRAND	String	40		No	dom_CHEM_BRAND
CHEM1_EPA	String	20		No	dom_CHEM_EPA
CHEM1_QTY	Double			No	
CHEM1_UNIT	String	20		No	dom_CHEM_UOM
CHEM1_AE_AC_LBS	Double			No	
CHEM1_AP_AE_LBS	Double			No	
CHEM2	String	20		No	dom_CHEMICAL
CHEM2_BRAND	String	40		No	dom_CHEM_BRAND
CHEM2_EPA	String	20		No	dom_CHEM_EPA
CHEM2_QTY	Double			No	
CHEM2_UNIT	String	20		No	dom_CHEM_UOM
CHEM2_AE_AC_LBS	Double			No	
CHEM2_AP_AE_LBS	Double			No	
CHEM3	String	20		No	dom_CHEMICAL
CHEM3_BRAND	String	40		No	dom_CHEM_BRAND
CHEM3_EPA	String	20		No	dom_CHEM_EPA
CHEM3_QTY	Double			No	
CHEM3_UNIT	String	20		No	dom_CHEM_UOM
CHEM3_AE_AC_LBS	Double			No	
CHEM3_AP_AE_LBS	Double			No	
MIX_RATE	String	10		No	dom_MIX_RATE
DILUENT	String	15		No	dom_DILUENT_TYPE
GAL_MIX_AP	Double			No	

Attribute Name	Data Type	Length	Default Value	Required	Domain
ADJUVANT	String	40		No	
TRT_TARG	String	30		No	dom_TRT_TARG
WEED_TARG1	String	8		No	dom_WEED_SPCS
WEED_TARG2	String	8		No	dom_WEED_SPCS
WEED_TARG3	String	8		No	dom_WEED_SPCS
PHENOLOGY	String	30		No	dom_PHENOLOGY
COVER_PCT	Short Integer			No	
WIND_MPH	Short Integer			No	
WIND_DIR	String	4		No	VMAP_DOM_WIND_DIRECTION
AIR_TEMP_F	Short Integer			No	
WTRDIST_TX	String	30		No	
CHEM_PUP	String	20		No	
TRT_STATUS	String	12	Proposed	Yes	dom_TRT_STATUS
CLASSIFIER	String	30		No	
TRT_DATE	Date		1/1/8888	Yes	
TRT_DATE_ACC	String		Day	Yes	dom_DT_ACC
TRT_FY	String	4		Yes *	
EST_COST_AC	Double			Conditional	
CMT_FUND_DT	Date	8		Optional	
CMT_FUND_DT_ACC	String	7		Optional	dom_DT_ACC
CMT_FUND_FY	String	4		Optional *	
PRIORITY	String	15		No	dom_PRIORITY
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
PLANID	String	100		Conditional	dom_PLANID
WORKAGENT	String	40	Unknown	Yes	dom_WORKAGENT
BUDGET_CD	String	50		Conditional	VMAP_DOM_FBMS_SUBACTIVITY_CODE
PE_CD	String	2		Conditional	VMAP_DOM_PRGM_ELEM_CD
GIS_ACRES	Double			Yes *	
TRT_ACRES	Double			Conditional	
REASON	String	30	Unknown	Yes	dom_REASON
REASON2	String	30		No	dom_REASON
INITIATIVE	String	20		No	dom_INITIATIVE
INITIATIVE2	String	20		No	dom_INITIATIVE

Attribute Name	Data Type	Length	Default Value	Required	Domain
CONTRACTID	String	50		Conditional	
CONTRACTOR	String	30		Conditional	
CT_GUID	GUID			Conditional	
LOCAL_LINK	String	30		No	
NFPORS_TRTID	Long Integer			No	
NFPORS_PROJID	Long Integer			No	
RIPSKEY	String	6		No	
NISIMS_ID	String	38		No	
NATL_FLAG	String	40		No	dom_NATL_FLAG
TRT_MONI	String	20		No	dom_TRT_MONI
ARCH_CLEAR	Date			No	
BOT_CLEAR	Date			No	
WILD_CLEAR	Date			No	
COORD_SRC	String	7		No	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
DST_DEF_TXT	String	255		No	
DST_DEF_NR	Double			No	
COMMENTS	String	2000		No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* Values automatically generated

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

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

4.1.4 TRT_HARV_POLY Feature Class (Harvest Treatment 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
TRT_NAME	String	60		Yes	
PROJ_NAME	String	100		No	
UNIT_NUM	String	10		Yes	
EA_UNIT	String	10		No	
FRST_TRT	String	1	U	Yes	dom_YN
HARV_TYPE	String	30	Commercial-Timber	Yes	dom_HARV_TYPE
HARV_METH	String	30		Conditional	dom_HARV_METH
HARV_RX	String	30	Unknown	Conditional	dom_HARV_RX
RX_AVG_BA	Short Integer			Conditional	dom_FOI_BA
RX_LOW_BA	Short Integer			No	dom_FOI_BA
RX_HIGH_BA	Short Integer			No	dom_FOI_BA
RX_AVG_TPA	Short Integer			Conditional	dom_FOI_TPA
RX_LOW_TPA	Short Integer			No	dom_FOI_TPA
RX_HIGH_TPA	Short Integer			No	dom_FOI_TPA
RX_RD	Short Integer			Conditional	
AVG_MBF_AC	Double			Conditional	
LWR_DIA_RMVD	Double			No	
UPR_DIA_RMVD	Double			No	
BA_RMVD	Short Integer			No	
TRT_TARG	String	30		No	dom_TRT_TARG
TRT_STATUS	String	12	Proposed	Yes	dom_TRT_STATUS
CLASSIFIER	String	30		No	
TRT_DATE	Date		1/1/8888	Yes	
TRT_DATE_ACC	String		Day	Yes	dom_DT_ACC
TRT_FY	String	4		Yes *	
SALE_DATE	Date			Conditional	

Attribute Name	Data Type	Length	Default Value	Required	Domain
SALE_FY	String	4		Conditional*	
PRIORITY	String	15		No	dom_PRIORITY
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
PLANID	String	100		Conditional	dom_PLANID
WORKAGENT	String	40	Timber Sale	Yes	dom_WORKAGENT
BUDGET_CD	String	50		Conditional	VMAP_DOM_FBMS_SUBACTIVITY_CODE
PE_CD	String	2		Conditional	VMAP_DOM_PRGM_ELEM_CD
GIS_ACRES	Double			Yes *	
TRT_ACRES	Double			Conditional	
SNAGS_AC	Double			No	
REASON	String	30	Forest Stand	Yes	dom_REASON
REASON2	String	30		No	dom_REASON
INITIATIVE	String	20		No	dom_INITIATIVE
INITIATIVE2	String	20		No	dom_INITIATIVE
CONTRACTID	String	50		Conditional	
CONTRACTOR	String	30		Conditional	
CT_GUID	GUID			Conditional	
LOCAL_LINK	String	30		No	
NFPORS_TRTID	Long Integer			No	
NFPORS_PROJID	Long Integer			No	
RIPSKEY	String	6		No	
NISIMS_ID	String	38		No	
TSIS_LINKED	String	1	N	No	dom_YN
TSIS_ID	String	80		No	
NATL_FLAG	String	40		No	dom_NATL_FLAG
ARCH_CLEAR	Date			No	
BOT_CLEAR	Date			No	
WILD_CLEAR	Date			No	
COORD_SRC	String	7		No	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
DST_DEF_TXT	String	255		No	
DST_DEF_NR	Double			No	
COMMENTS	String	2000		No	

Attribute Name	Data Type	Length	Default Value	Required	Domain
VERSION_NAME	String	50	InitialLoad	Yes ***	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* Values automatically generated

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

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

4.1.5 TRT_MECH_POLY Feature Class (Mechanical Treatment 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
TRT_NAME	String	60		Yes	
PROJ_NAME	String	100		No	
UNIT_NUM	String	10		No	
FRST_TRT	String	1	U	Yes	dom_YN
MECH_TYPE	String	30	Unknown	Yes	dom_MECH_TYPE
MECH_METH	String	20		Conditional	dom_MECH_METH
PCT_SP	Short Integer			Conditional	
PRU_LIFT	Short Integer			Conditional	
PRU_LEN	Short Integer			Conditional	
PRU_AVG_DBH	Double			No	
PRU_TPA	Short Integer			No	
TRT_TARG	String	30		No	dom_TRT_TARG
WEED_TARG1	String	8		No	dom_WEED_SPCS
WEED_TARG2	String	8		No	dom_WEED_SPCS
WEED_TARG3	String	8		No	dom_WEED_SPCS
PHENOLOGY	String	30		No	dom_PHENOLOGY

Attribute Name	Data Type	Length	Default Value	Required	Domain
COVER_PCT	Short Integer			No	
TRT_STATUS	String	12	Proposed	Yes	dom_TRT_STATUS
CLASSIFIER	String	30		No	
TRT_DATE	Date		1/1/8888	Yes	
TRT_DATE_ACC	String		Day	Yes	dom_DT_ACC
TRT_FY	String	4		Yes *	
EST_COST_AC	Double			Conditional	
CMT_FUND_DT	Date	8		Optional	
CMT_FUND_DT_ACC	String			Optional	dom_DT_ACC
CMT_FUND_FY	String	4		Optional *	
PRIORITY	String	15		No	dom_PRIORITY
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
PLANID	String	100		Conditional	dom_PLANID
WORKAGENT	String	40	Unknown	Yes	dom_WORKAGENT
BUDGET_CD	String	50		Conditional	VMAP_DOM_FBMS_SUBACTIVITY_CODE
PE_CD	String	2		Conditional	VMAP_DOM_PRGM_ELEM_CD
GIS_ACRES	Double			Yes *	
TRT_ACRES	Double			Conditional	
SNAGS_AC	Double			No	
REASON	String	30	Unknown	Yes	dom_REASON
REASON2	String	30		No	dom_REASON
INITIATIVE	String	20		No	dom_INITIATIVE
INITIATIVE2	String	20		No	dom_INITIATIVE
CONTRACTID	String	50		Conditional	
CONTRACTOR	String	30		Conditional	
CT_GUID	GUID			Conditional	
LOCAL_LINK	String	30		No	
NFPORS_TRTID	Long Integer			No	
NFPORS_PROJID	Long Integer			No	
RIPSKEY	String	6		No	
NISIMS_ID	String	38		No	
NATL_FLAG	String	40		No	dom_NATL_FLAG
TRT_MONI	String	20		No	dom_TRT_MONI

Attribute Name	Data Type	Length	Default Value	Required	Domain
ARCH_CLEAR	Date			No	
BOT_CLEAR	Date			No	
WILD_CLEAR	Date			No	
COORD_SRC	String	7		No	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
DST_DEF_TXT	String	255		No	
DST_DEF_NR	Double			No	
COMMENTS	String	2000		No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* Values automatically generated

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

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

4.1.6 TRT_PROT_POLY Feature Class (Protection Treatment 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
TRT_NAME	String	60		Yes	
PROJ_NAME	String	100		No	
UNIT_NUM	String	10		No	
FRST_TRT	String	1	U	Yes	dom_YN
PROT_TYPE	String	30	Unknown	Yes	dom_PROT_TYPE
TRT_TARG	String	30		No	dom_TRT_TARG
TRT_STATUS	String	12	Proposed	Yes	dom_TRT_STATUS
CLASSIFIER	String	30		No	
TRT_DATE	Date		1/1/8888	Yes	
TRT_DATE_ACC	String		Day	Yes	dom_DT_ACC
TRT_FY	String	4		Yes *	

Attribute Name	Data Type	Length	Default Value	Required	Domain
EST_COST_AC	Double			Conditional	
CMT_FUND_DT	Date	8		Optional	
CMT_FUND_DT_ACC	String			Optional	dom_DT_ACC
CMT_FUND_FY	String	4		Optional *	
PRIORITY	String	15		No	dom_PRIORITY
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
PLANID	String	100		Conditional	dom_PLANID
WORKAGENT	String	40	Unknown	Yes	dom_WORKAGENT
BUDGET_CD	String	50		Conditional	VMAP_DOM_FBMS_SUBACTIVITY_CODE
PE_CD	String	2		Conditional	VMAP_DOM_PRGM_ELEM_CD
GIS_ACRES	Double			Yes *	
TRT_ACRES	Double			Conditional	
REASON	String	30	Unknown	Yes	dom_REASON
REASON2	String	30		No	dom_REASON
INITIATIVE	String	20		No	dom_INITIATIVE
INITIATIVE2	String	20		No	dom_INITIATIVE
CONTRACTID	String	50		Conditional	
CONTRACTOR	String	30		Conditional	
CT_GUID	GUID			Conditional	
LOCAL_LINK	String	30		No	
NFPORS_TRTID	Long Integer			No	
NFPORS_PROJID	Long Integer			No	
RIPSKEY	String	6		No	
NISIMS_ID	String	38		No	
NATL_FLAG	String	40		No	dom_NATL_FLAG
TRT_MONI	String	20		No	dom_TRT_MONI
ARCH_CLEAR	Date			No	
BOT_CLEAR	Date			No	
WILD_CLEAR	Date			No	
COORD_SRC	String	7		No	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
DST_DEF_TXT	String	255		No	
DST_DEF_NR	Double			No	

Attribute Name	Data Type	Length	Default Value	Required	Domain
COMMENTS	String	2000		No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* Values automatically generated

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

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

4.1.7 TRT_REVEG_POLY Feature Class (Revegetation Treatment 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
TRT_NAME	String	60		Yes	
PROJ_NAME	String	100		No	
UNIT_NUM	String	10		No	
FRST_TRT	String	1	U	Yes	dom_YN
REVEG_TYPE	String	30	Tree Planting	Yes	dom_REVEG_TYPE
REVEG_METH	String	20	Unknown	Yes	dom_REVEG_METH
REVEG_SRC	String	30		No	
GEN_IMP	String	1		No	dom_YN
PLT_CLASS	String	30		Conditional	dom_PLANT_CLASS
PLT_SPACE	Short Integer			Conditional	
PLT_VAR_SPACE	String	1		No	dom_YN
TRT_TARG	String	30		No	dom_TRT_TARG
TRT_STATUS	String	12	Proposed	Yes	dom_TRT_STATUS
CLASSIFIER	String	30		No	
TRT_DATE	Date		1/1/8888	Yes	
TRT_DATE_ACC	String	7	Day	Yes	dom_DT_ACC
TRT_FY	String	4		Yes *	

Attribute Name	Data Type	Length	Default Value	Required	Domain
EST_COST_AC	Double			Conditional	
CMT_FUND_DT	Date	8		Optional	
CMT_FUND_DT_ACC	String	7		Optional	dom_DT_ACC
CMT_FUND_FY	String	4		Optional *	
PRIORITY	String	15		No	dom_PRIORITY
BLM_ORG_CD	String	5	OR000	Yes *	dom_BLM_ORG_CD
PLANID	String	100		Conditional	dom_PLANID
WORKAGENT	String	40	Unknown	Yes	dom_WORKAGENT
BUDGET_CD	String	50		Conditional	VMAP_DOM_FBMS_SUBACTIVITY_CODE
PE_CD	String	2		Conditional	VMAP_DOM_PRGM_ELEM_CD
GIS_ACRES	Double			Yes *	
TRT_ACRES	Double			Conditional	
REASON	String	30	Unknown	Yes	dom_REASON
REASON2	String	30		No	dom_REASON
INITIATIVE	String	20		No	dom_INITIATIVE
INITIATIVE2	String	20		No	dom_INITIATIVE
CONTRACTID	String	50		Conditional	
CONTRACTOR	String	30		Conditional	
CT_GUID	GUID			Conditional	
LOCAL_LINK	String	30		No	
NFPORS_TRTID	Long Integer			No	
NFPORS_PROJID	Long Integer			No	
RIPSKEY	String	6		No	
NISIMS_ID	GUID			No	
NATL_FLAG	String	40		No	dom_NATL_FLAG
TRT_MONI	String	20		No	dom_TRT_MONI
ARCH_CLEAR	Date			No	
BOT_CLEAR	Date			No	
WILD_CLEAR	Date			No	
COORD_SRC	String	7		No	dom_COORD_SRC
ACCURACY_FT	Short Integer			No	
DST_DEF_TXT	String	255		No	
DST_DEF_NR	Double			No	

Attribute Name	Data Type	Length	Default Value	Required	Domain
COMMENTS	String	2000		No	
VERSION_NAME	String	50	InitialLoad	Yes ***	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* 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 Standalone Tables

4.2.1 TRT_FRST_CNTRCT_TBL (Forestry Contracts Table)

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
WORKAGENT	String	40	Unknown	Yes	dom_WORKAGENT
FY_START	String	4		Yes	
CONTRACTID	String	50		Yes	
TASKORDER	String	50		Conditional	
CT_ORGN	String	5	BLM	Yes	dom_TRT_CT_ORGN
CT_ITEM	String	6		Conditional	
CT_ITEMNAME	String	50		No	
CONTRACTOR	String	30		Conditional	
COST_AC	Double			Conditional	
MATERIALCOST_AC	Double			No	
CT_COMP	String	1	N	Yes	dom_YN
BLM_ORG_CD	String	5	OR000	Yes	dom_BLM_ORG_CD
VERSION_NAME	String	50	InitialLoad	Yes ***	
CT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	

Attribute Name	Data Type	Length	Default Value	Required	Domain
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* Values automatically generated

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

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

\+ Values automatically generated in MS edit version only

4.2.2 TRT_REVEG_PLNT_TBL (Revegetation Planting Type Table)

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
PLTSTK_ID	String	100		Yes +	
STK_TOT_TREES	Long Integer			Conditional	
SD_TOT_LBS	Double			Conditional	
VERSION_NAME	String	50	InitialLoad	Yes ***	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* Values automatically generated

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

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

\+ Values automatically generated in MS edit version only

4.2.3 TRT_REVEG_PLTSTK_TBL (Revegetation Planting Stock Table)

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
PLTSTK_ID	String	100		Yes +	
PLTSTK_FY	String	4		Yes	
SD_SPECIES_CD	String	10	XXXX	Yes	dom_REVEG_SD_SPECIES
PLTSTK_TYPE	String	15		No	dom_PLTSTK_TYPE
PLTSTK_SDZN_1966	String	3		No	dom_PLTSTK_1966_SDZN

Attribute Name	Data Type	Length	Default Value	Required	Domain
PLTSTK_SDZN_1996	String	5		No	dom_PLTSTK_1996_SDZN
PLTSTK_BLM_BU	String	50		No	dom_PLTSTK_BLM_BU
PLTSTK_COOP_BU	String	40		No	dom_PLTSTK_COOP_BU
PLTSTK_CONSOL_BU	String	20		No	dom_PLTSTK_CONSOL_BU
PLTSTK_LOT_NUM	String	20		No	
PLTSTK_SEEDEL	Long Integer			No	
PLTSTK_NURS	String	40		No	dom_PLTSTK_NURSERY
PLTSTK_TRANSNURS	String	40		No	dom_PLTSTK_NURSERY
PLTSTK_SDREG	String	5		No	
PLTSTK_SDGENQ	String	30		No	dom_PLTSTK_GEN
PLTSTK_INUSE	String	1	Y	Yes	dom_YN
BLM_ORG_CD	String	5	OR000	Yes	dom_BLM_ORG_CD
PLTSTK_GUID	GUID			Yes *	
VERSION_NAME	String	50	InitialLoad	Yes ***	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* Values automatically generated

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

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

\+ Values automatically generated in MS edit version only

4.2.4 TRT_TRG_SPCS_TBL Table (Forestry Treatment Target Species Table)

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
SPECIES_CD	String	10	XXXX	Yes	dom_FOI_SPECIES_ALL
VERSION_NAME	String	50	InitialLoad	Yes ***	
TS_GUID	GUID			Yes *	
TRT_GUID	GUID			Yes *	
GLOBALID	GUID			Yes *	
CREATE_BY	String	50		No *	
CREATE_DATE	Date			No *	

Attribute Name	Data Type	Length	Default Value	Required	Domain
MODIFY_BY	String	50		No *	
MODIFY_DATE	Date			No *	

* 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 Relationship Classes

4.3.1 rel_TRT_CHEM_POLY_TRGSPCS_TBL

Origin Table	TRT_CHEM_POLY
Origin Primary Key	TRT_GUID
Destination Table	TRT_TRG_SPCS_TBL
Destination Foreign Key	TRT_GUID
Relationship Type	Simple
Labels	Target Species Table, Chem Poly
Messages	None
Cardinality	1 to Many

4.3.2 rel_TRT_MECH_POLY_TRGSPCS_TBL

Origin Table	TRT_MECH_POLY
Origin Primary Key	TRT_GUID
Destination Table	TRT_TRG_SPCS_TBL
Destination Foreign Key	TRT_GUID
Relationship Type	Simple
Labels	Target Species Table, Mech Poly
Messages	None
Cardinality	1 to Many

4.3.3 rel_TRT_PROT_POLY_TRGSPCS_TBL

Origin Table	TRT_PROT_POLY
Origin Primary Key	TRT_GUID
Destination Table	TRT_TRG_SPCS_TBL
Destination Foreign Key	TRT_GUID
Relationship Type	Simple
Labels	Target Species Table, Prot Poly

Messages	None
Cardinality	1 to Many

4.3.4 rel_TRT_REVEG_POLY_PLNT_TBL

Origin Table	TRT_REVEG_POLY
Origin Primary Key	TRT_GUID
Destination Table	TRT_REVEG_PLNT_TBL
Destination Foreign Key	TRT_GUID
Relationship Type	Simple
Labels	Plant Type Table, Reveg Poly
Messages	None
Cardinality	1 to Many

4.3.5 Other Relationships

There are implied relationships not enforced with geodatabase relationship classes for the following:

- TRT_FRST_CNTRCT_TBL to TRT_BURN_POLY - 1 to many using the CT_GUID field.
- TRT_FRST_CNTRCT_TBL to TRT_CHEM_POLY - 1 to many using the CT_GUID field.
- TRT_FRST_CNTRCT_TBL to TRT_HARV_POLY - 1 to many using the CT_GUID field.
- TRT_FRST_CNTRCT_TBL to TRT_MECH_POLY - 1 to many using the CT_GUID field.
- TRT_FRST_CNTRCT_TBL to TRT_PROT_POLY - 1 to many using the CT_GUID field.
- TRT_FRST_CNTRCT_TBL to TRT_REVEG_POLY - 1 to many using the CT_GUID field.
- TRT_

5 Projection and Spatial Extent

All feature classes and feature datasets are in Geographic, North American Datum 83. Units are decimal degrees. Spatial extent (area of coverage) includes all lands managed by the BLM Nationwide. See the metadata for this data for a more precise description of the extent.

6 Spatial Entity Characteristics

- Treatment Polygons (TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, and TRT_REVEG_POLY
    - Description: Instance of Treatments Existing group.
    - Geometry: Polygons may overlap entirely or in part.
    - Topology: No
    - Integration Requirements: None, although polygons that represent the same extent should be duplicated to avoid slivering (see Editing Procedures section).

7 Attribute Characteristics and Definition (In alphabetical order)

7.1 ACCURACY_FT

Geodatabase Name	ACCURACY_FT
BLM Structured Name	Accuracy_Feet_Measure
Inheritance	Not Inherited
Alias Name	Accuracy (ft)
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
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 zero indicates no entry was made. This is the correct value when the COORD_SRC is another GIS theme (Digital Line Graphs (DLG), Geographic Coordinate Database (GCD), and Digital Elevation Model (DEM)) 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)	None. Examples: 3 (for high accuracy GPS), 40 (best possible for USGS 24K topo map), 200
Data Type	Short Integer

7.2 ADJUVANT

Geodatabase Name	ADJUVANT
BLM Structured Name	Chemical_Adjuvant_Text
Inheritance	Not Inherited
Alias Name	Adjuvant
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Free text field for entering adjuvants (surfactants or other additives) used in chemical treatments, if desired.
Required/Optional	Optional
Domain (Valid Values)	None. Examples: Phase, Syltac, R11, MSO_Silicone
Data Type	String (40)

7.3 AIR_TEMP_F

Geodatabase Name	AIR_TEMP_F
BLM Structured Name	Air_Temperature_Fahrenheit_Measure
Inheritance	Inherited from entity Treatments
Alias Name	Air Temperature (F)
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_CHEM_POLY
Definition	Air temperature at the time of a biological or chemical treatment, in degrees Fahrenheit.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 55, 70
Data Type	Short Integer

7.4 ARCH_CLEAR

Geodatabase Name	ARCH_CLEAR
BLM Structured Name	Archaeological_Clearance_Date
Inheritance	Inherited from entity Treatments
Alias Name	Archaeological Clearance Date
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Date the proposed treatment area received archaeological clearance.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 10/22/2009, 9/1/2001
Data Type	Date

7.5 AVG_MBF_AC

Geodatabase Name	AVG_MBF_AC
BLM Structured Name	Harvest_Average_Volume_Per_Acre
Inheritance	Not Inherited
Alias Name	Average MBF per Acre Removed
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	Average volume per acre removed in thousand board feet (MBF). For records linked to the TSIS system, the TSIS linked data uses the total sold harvest unit volume divided by the total harvest unit acreage. With harvest prescription a single TSIS unit could have 2 or more prescription subunits. The average MBF/Acre is calculated from the sold volume divided by the total TSIS harvest unit acreage. If the subunit harvest prescription differs, the average may not reflect real MBF/Acre within the different prescription subunits. Data may not be available for historic records.

Required/Optional	Conditional. This field is required if the treatment status is Active or Completed.
Domain (Valid Values)	No domain. Examples: 6.3, 35, 38.7
Data Type	Double

7.6 BA_RMVD

Geodatabase Name	BA_RMVD
BLM Structured Name	Basal_Area_Per_Acre_Removed_Number
Inheritance	Not Inherited
Alias Name	Basal Area Removed
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	Basal Area per acre removed.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 50, 80, 100
Data Type	Short Integer

7.7 BIO_AGENT

Geodatabase Name	BIO_AGENT
BLM Structured Name	Biological_Agent_Code
Inheritance	Not Inherited
Alias Name	Biological Agent
Feature Class Use/Entity Table	TRT_BIO_POLY
Definition	Specific agent used in the biological treatment.
Required/Optional	Required
Domain (Valid Values)	dom_BIO_AGENT
Data Type	String (20)

7.8 BIO_NUM

Geodatabase Name	BIO_NUM
BLM Structured Name	Biological_Agent_Number
Inheritance	Not Inherited
Alias Name	Biological Agent Number
Feature Class Use/Entity Table	TRT_BIO_POLY
Definition	Actual number of the biological agent released, collected, or discovered. If monitoring a treatment, "0" means no agents were found, and "1" means some undetermined number was present.

Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 500, 1000, 100, 3200
Data Type	Long Integer

7.9 BIO_SRC

Geodatabase Name	BIO_SRC
BLM Structured Name	Biological_Agent_Source_Text
Inheritance	Not Inherited
Alias Name	Biological Agent Source
Feature Class Use/Entity Table	TRT_BIO_POLY
Definition	Where the biological agent was collected or the company from which it was purchased.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: "Devine Cyn Nursery Site", "Ladd Marsh", "Umatilla"
Data Type	String (30)

7.10 BIO_TYPE

Geodatabase Name	BIO_TYPE
BLM Structured Name	Biological_Type_Code
Inheritance	Not Inherited
Alias Name	Biological Type
Feature Class Use/Entity Table	TRT_BIO_POLY
Definition	General type or phase of biological treatment.
Required/Optional	Required
Domain (Valid Values)	dom_BIO_TYPE
Data Type	String (30)

7.11 BLM_ORG_CD

Geodatabase Name	BLM_ORG_CD
BLM Structured Name	Administrative_Unit_Organization_Code
Inheritance	Inherited from entity Treatments
Alias Name	BLM Org Code
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY,

	TRT_REVEG_POLY, TRT_FRST_CNTRCT_TBL, TRT_REVEG_PLTSTK_TBL
Definition	A combination of the BLM administrative state and field office that 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. This field is auto calculated on record creation. However, it can be changed to correct the value.
Required/Optional	Required
Domain (Valid Values)	dom_BLM_ORG_CD
Data Type	String (5)

7.12 BOT_CLEAR

Geodatabase Name	BOT_CLEAR
BLM Structured Name	Botanical_Clearance_Date
Inheritance	Inherited from entity Treatments
Alias Name	Botany Clearance Date
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Date the proposed treatment area received botanical clearance. YYYYMMDD or YYYYMM or YYYY format or "UNKNOWN".
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 10/22/2009, 9/1/2001
Data Type	Date

7.13 BUDGET_CD

Geodatabase Name	BUDGET_CD
BLM Structured Name	Funding_Program_Code
Inheritance	Inherited from entity Treatments
Alias Name	Budget Code
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY

Definition	Primary funding program activity for a treatment.
Required/Optional	Conditional Forestry Burn, Harvest, Mechanical, Protection, and Revegetation treatments: this field is required if the FY is 2019 or later and the status is Active or Completed. All other treatments: Optional
Domain (Valid Values)	VMAP_DOM_FBMS_SUBACTIVITY_CODE
Data Type	String (50)

7.14 BURN_TYPE

Geodatabase Name	BURN_TYPE
BLM Structured Name	Burn_Type_Code
Inheritance	Not Inherited
Alias Name	Burn Type
Feature Class Use/Entity Table	TRT_BURN_POLY
Definition	Type of prescribed fire treatment.
Required/Optional	Required
Domain (Valid Values)	dom_BURN_TYPE
Data Type	String (30)

7.15 CHEM_FORM

Geodatabase Name	CHEM_FORM
BLM Structured Name	Chemical_Delivery_Form_Code
Inheritance	Not Inherited
Alias Name	Form
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	The form of the chemical that was applied.
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_FORM
Data Type	String (20)

7.16 CHEM_METH

Geodatabase Name	CHEM_METH
BLM Structured Name	Chemical_Delivery_Method_Type_Code
Inheritance	Not Inherited
Alias Name	Method

Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Specific delivery methods of chemical treatment.
Required/Optional	Conditionally Required. This field is required for forestry treatments and optional for all other treatments.
Domain (Valid Values)	dom_CHEM_METH
Data Type	String (20)

7.17 CHEM_PUP

Geodatabase Name	CHEM_PUP
BLM Structured Name	Pesticide_Use_Proposal_Area_Identifier
Inheritance	Not Inherited
Alias Name	Pesticide Use Proposal Area ID
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Free text field for the name and/or number of the area associated with the Pesticide Use Proposal that is applicable to the chemical treatment.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: "08-001", "TRNW-10-007"
Data Type	String (20)

7.18 CHEM_TYPE

Geodatabase Name	CHEM_TYPE
BLM Structured Name	Chemical_Treatment_Type_Code
Inheritance	Not Inherited
Alias Name	Chemical Type
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	General type of chemical treatment.
Required/Optional	Required
Domain (Valid Values)	dom_CHEM_TYPE
Data Type	String (30)

7.19 CHEM1

Geodatabase Name	CHEM1
BLM Structured Name	First_Chemical_Name
Inheritance	Not Inherited

Alias Name	1st Chemical Name
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Name of the first chemical used.
Required/Optional	Optional
Domain (Valid Values)	dom_CHEMICAL
Data Type	String (20)

7.20 CHEM1_AE_AC_LBS

Geodatabase Name	CHEM1_AE_AC_LBS
BLM Structured Name	First_Chemical_Acid_Equivalent_Measure
Inheritance	Not Inherited
Alias Name	1st Applied Acid Equivalent (lbs per acre)
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Pounds of Acid Equivalent Per Acre for the first chemical. Calculated as the chemical Acid Equivalent (from the product label) multiplied by the rate of application (CHEM1_QTY plus CHEM1_UNIT).
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 0.5, 1.0, 0.95
Data Type	Double

7.21 CHEM1_AP_AE_LBS

Geodatabase Name	CHEM1_AP_AE_LBS
BLM Structured Name	First_Chemical_Applied_Acid_Equivalent_Measure
Inheritance	Not Inherited
Alias Name	1st Total Applied Acid Equivalent (lbs)
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Total applied pounds Acid Equivalent for the first chemical. Calculated as the treated acres (TRT_ACRES) multiplied by the Per Acre pounds of Acid Equivalent (CHEM1_AE_AC_LBS).
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 0.00475, 0.8645, 1.254
Data Type	Double

7.22 CHEM1_BRAND

Geodatabase Name	CHEM1_BRAND
BLM Structured Name	First_Chemical_Brand_Name

Inheritance	Not Inherited
Alias Name	1st Chemical Brand
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Brand (trade) name of the first chemical used. Brand name plus Environmental Protection Agency (EPA) registration number are necessary to determine the product's pounds Acid Equivalent (Active Ingredient).
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_BRAND
Data Type	String (40)

7.23 CHEM1_EPA

Geodatabase Name	CHEM1_EPA
BLM Structured Name	First_Chemical_EPA_Registration_Number
Inheritance	Not Inherited
Alias Name	1st Chemical EPA Number
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	The EPA registration number for the first chemical used
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_EPA
Data Type	String (20)

7.24 CHEM1_QTY

Geodatabase Name	CHEM1_QTY
BLM Structured Name	First_Chemical_Quantity_Measure
Inheritance	Not Inherited
Alias Name	1st Chemical Quantity
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Quantity of first chemical used, attribute CHEM1_UNIT provides the units. Together these reflect the rate recommended on the chemical label, or some lesser quantity, and may not exceed BLM's maximum rate.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1, 20, 0.16
Data Type	Double

7.25 CHEM1_UNIT

Geodatabase Name	CHEM1_UNIT
BLM Structured Name	First_Chemical_Quantity_Unit_of_Measure
Inheritance	Not Inherited
Alias Name	1st Chemical Unit
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Units of measurement used for the quantity found in CHEM1_QTY. Together these per acre units reflect the rate recommended on the chemical label, or some lesser quantity, and may not exceed BLM's maximum rate.
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_UOM
Data Type	String (20)

7.26 CHEM2

Geodatabase Name	CHEM2
BLM Structured Name	Second_Chemical_Name
Inheritance	Not Inherited
Alias Name	2nd Chemical Name
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Name of the third chemical used, if any
Required/Optional	Optional
Domain (Valid Values)	dom_CHEMICAL
Data Type	String (20)

7.27 CHEM2_AE_AC_LBS

Geodatabase Name	CHEM2_AE_AC_LBS
BLM Structured Name	Second_Chemical_Acid_Equivalent_Measure
Inheritance	Not Inherited
Alias Name	2nd Applied Acid Equivalent (lbs per acre)
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Pounds of Acid Equivalent Per Acre for the second chemical, if any. Calculated as the chemical Acid Equivalent (from the product label) multiplied by the rate of application (CHEM2_QTY and CHEM2_UNIT).
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 0.5, 1.0, 0.95
Data Type	Double

7.28 CHEM2_AP_AE_LBS

Geodatabase Name	CHEM2_AP_AE_LBS
BLM Structured Name	Second_Chemical_Applied_Acid_Equivalent_Measure
Inheritance	Not Inherited
Alias Name	2nd Total Applied Acid Equivalent (lbs)
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Total applied pounds Acid Equivalent for the second chemical, if any. Calculated as the treated acres (TRT_ACRES) multiplied by the Per Acre pounds of Acid Equivalent (CHEM2_AE_AC_LBS).
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 0.00475, 0.8645, 1.254
Data Type	Double

7.29 CHEM2_BRAND

Geodatabase Name	CHEM2_BRAND
BLM Structured Name	Second_Chemical_Brand_Name
Inheritance	Not Inherited
Alias Name	2nd Chemical Brand
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Brand (trade) name of the second chemical used, if any. The Brand name and the EPA registration number are necessary to determine the product's pounds Acid Equivalent (Active Ingredient).
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_BRAND
Data Type	String (40)

7.30 CHEM2_EPA

Geodatabase Name	CHEM2_EPA
BLM Structured Name	Second_Chemical_EPA_Registration_Number
Inheritance	Not Inherited
Alias Name	2nd Chemical EPA Number
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	The EPA registration number for the second chemical used, if any.
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_EPA
Data Type	String (20)

7.31 CHEM2_QTY

Geodatabase Name	CHEM2_QTY
BLM Structured Name	Second_Chemical_Quantity_Measure
Inheritance	Not Inherited
Alias Name	2nd Chemical Quantity
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Quantity of second chemical (if any) used, attribute CHEM2_UNIT provides the units. Together these reflect the rate recommended on the chemical label, or some lesser quantity, and may not exceed BLM's maximum rate.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1, 20, 0.16
Data Type	Double

7.32 CHEM2_UNIT

Geodatabase Name	CHEM2_UNIT
BLM Structured Name	Second_Chemical_Quantity_Unit_of_Measure
Inheritance	Not Inherited
Alias Name	2nd Chemical Unit
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Units of measurement used for the quantity found in CHEM2_QTY. These per acre units reflect the rate recommended on the chemical label, or some lesser quantity, and may not exceed BLM's maximum rate.
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_UOM
Data Type	String (20)

7.33 CHEM3

Geodatabase Name	CHEM3
BLM Structured Name	Third_Chemical_Name
Inheritance	Not Inherited
Alias Name	3rd Chemical Name
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Name of the third chemical used, if any.
Required/Optional	Optional
Domain (Valid Values)	dom_CHEMICAL
Data Type	String (20)

7.34 CHEM3_AE_AC_LBS

Geodatabase Name	CHEM3_AE_AC_LBS
BLM Structured Name	Third_Chemical_Acid_Equivalent_Measure
Inheritance	Not Inherited
Alias Name	3rd Applied Acid Equivalent (lbs per acre)
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Pounds of Acid Equivalent Per Acre for the third chemical, if any. Calculated as the chemical Acid Equivalent (from the product label) multiplied by the rate of application (CHEM3_QTY and CHEM3_UNIT).
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 0.5, 1.0, 0.95
Data Type	Double

7.35 CHEM3_AP_AE_LBS

Geodatabase Name	CHEM3_AP_AE_LBS
BLM Structured Name	Third_Chemical_Applied_Acid_Equivalent_Measure
Inheritance	Not Inherited
Alias Name	3rd Total Applied Acid Equivalent (lbs)
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Total applied pounds Acid Equivalent for the third chemical, if any. Calculated as the treated acres (TRT_ACRES) multiplied by the Per Acre pounds of Acid Equivalent (CHEM3_AE_AC_LBS).
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 0.00475, 0.8645, 1.254
Data Type	Double

7.36 CHEM3_BRAND

Geodatabase Name	CHEM3_BRAND
BLM Structured Name	Third_Chemical_Brand_Name
Inheritance	Not Inherited
Alias Name	3rd Chemical Brand
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Brand (trade) name of the third chemical used, if any. The brand name and the EPA registration number are necessary to determine the product's pounds Acid Equivalent (Active Ingredient).
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_BRAND

Data Type	String (40)

7.37 CHEM3_EPA

Geodatabase Name	CHEM3_EPA
BLM Structured Name	Third_Chemical_EPA_Registration_Number
Inheritance	Not Inherited
Alias Name	3rd Chemical EPA Number
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	The EPA registration number for the third chemical used, if any.
Required/Optional	Optional
Domain (Valid Values)	dom_CHEM_EPA
Data Type	String (20)

7.38 CHEM3_QTY

Geodatabase Name	CHEM3_QTY
BLM Structured Name	Third_Chemical_Quantity_Measure
Inheritance	Not Inherited
Alias Name	3rd Chemical Quantity
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Quantity of third chemical (if any) used, attribute CHEM3_UNIT provides the units. Together these reflect the rate recommended on the chemical label, or some lesser quantity, and may not exceed BLM's maximum rate.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1, 20, 0.16
Data Type	Double

7.39 CHEM3_UNIT

Geodatabase Name	CHEM3_UNIT
BLM Structured Name	Third_Chemical_Quantity_Unit_of_Measure
Inheritance	Not Inherited
Alias Name	3rd Chemical Unit
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Units of measurement used for the quantity found in CHEM3_QTY. The UOM reflects the per acre unit rate recommended on the chemical label, or some lesser quantity, and may not exceed BLM's maximum rate.
Required/Optional	Optional

Domain (Valid Values)	dom_CHEM_UOM
Data Type	String (20)

7.40 CLASSIFIER

Geodatabase Name	CLASSIFIER
BLM Structured Name	Classifier_Name
Inheritance	Inherited from entity Treatments
Alias Name	Classifier
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Name (mixed case, first and last) of the subject matter specialist most knowledgeable about the treatment (contact).
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: Mary Smith, John Doe
Data Type	String (30)

7.41 CMT_FUND_DT

Geodatabase Name	CMT_FUND_DT
BLM Structured Name	Funds_Committed_Date
Inheritance	Not Inherited
Alias Name	Funds Committed Date
Feature Class Use/Entity Table	TRT_BURN_POLY, TRT_CHEM_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Date when funds are committed for the treatment.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1/1/2001, 5/30/1999
Data Type	Date

7.42 CMT_FUND_DT_ACC

Geodatabase Name	CMT_FUND_DT_ACC
BLM Structured Name	Funds_Committed_Date_Accuracy_Code
Inheritance	Not Inherited
Alias Name	Funds Committed Date Accuracy
Feature Class Use/Entity Table	TRT_BURN_POLY, TRT_CHEM_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY

Definition	The accuracy of the CMT_FUND_DT value entered.
Required/Optional	Optional
Domain (Valid Values)	dom_DT_ACC
Data Type	String (7)

7.43 CMT_FUND_FY

Geodatabase Name	CMT_FUND_FY
BLM Structured Name	Funds_Committed_Date_Fiscal_Year
Inheritance	Not Inherited
Alias Name	Funds Committed FY
Feature Class Use/Entity Table	TRT_BURN_POLY, TRT_CHEM_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Fiscal Year when funds are committed for the treatment. Values are automatically generated from CMT_FUND_DT.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1999, 2021
Data Type	String (4)

7.44 COMMENTS

Geodatabase Name	COMMENTS
BLM Structured Name	Comments_Text
Inheritance	Inherited from entity Treatments
Alias Name	Comments
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Free text for comments.
Required/Optional	Optional
Domain (Valid Values)	No domain.
Data Type	String (2000)

7.45 CONTRACTID

Geodatabase Name	CONTRACTID
BLM Structured Name	Contract_Identification_Number
Inheritance	Inherited from entity Treatments
Alias Name	Contract ID

Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Timber sale, stewardship, planting, weed control or other contract number. Might be the Task Order number if that is more relevant.
Required/Optional	Conditionally Required. Optional for non-forestry treatments. For forestry active or completed treatments, this field is required if the Workagent is IDIQ Contract, Service Contract, Stewardship, or Purchase Order. This field is required in the TRT_FRST_CNTRCT_TBL table.
Domain (Valid Values)	No domain. Examples: L13PC00245, L17PC00048
Data Type	String (50)

7.46 CONTRACTOR

Geodatabase Name	CONTRACTOR
BLM Structured Name	Contractor_Name
Inheritance	Inherited from entity Treatments
Alias Name	Contractor
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY, TRT_FRST_CNTRCT_TBL
Definition	Contractor name for the contract identified by CONTRACTID.
Required/Optional	Conditionally Required. Optional for non-forestry treatments. For forestry active or completed treatments, this field is required if the Workagent is IDIQ Contract, Service Contract, Stewardship, or Purchase Order and TRT_FY >= 2015.
Domain (Valid Values)	No domain. Examples: FRERES LUMBER CO., INC., Swanson Group, Inc.
Data Type	String (30)

7.47 COORD_SRC

Geodatabase Name	COORD_SRC
BLM Structured Name	Coordinate_Source_Code
Inheritance	Inherited from entity Treatments
Alias Name	Coordinate Source
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY

Definition	The actual source of the GIS coordinates for the polylines. Review lines copied from another theme that already have COORD_SRC. It may need to be changed for use in this dataset.
Required/Optional	Optional
Domain (Valid Values)	dom_COORD_SRC
Data Type	String (7)

7.48 COST_AC

Geodatabase Name	COST_AC
BLM Structured Name	Contract_Cost_Per_Acre_Number
Inheritance	Not Inherited
Alias Name	Cost per Acre
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL
Definition	The cost of the Treatment on a per acre basis. Value can be recorded to two decimal places.
Required/Optional	For forestry active or completed treatments, this field is required if the Workagent is IDIQ Contract, Service Contract, Stewardship, or Purchase Order and TRT_FY >= 2015.
Domain (Valid Values)	No domain. Examples: 45.43, 86, 209
Data Type	Double

7.49 COVER_PCT

Geodatabase Name	COVER_PCT
BLM Structured Name	Foliar_Cover_Percent_Measure
Inheritance	Not Inherited
Alias Name	Cover %
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_MECH_POLY
Definition	The percent foliar cover of the plants being treated.
Required/Optional	Optional
Domain (Valid Values)	Range domain: 0 - 100
Data Type	Short Integer

7.50 CT_COMP

Geodatabase Name	CT_COMP
BLM Structured Name	Contract_Completed_Flag_Text
Inheritance	Not Inherited

Alias Name	Contract Completed
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL
Definition	Indicates if the contract has been completed. Used to filter the M*S contract form for active contracts. The default value for this field is N (No).
Required/Optional	Required
Domain (Valid Values)	dom_YN
Data Type	String (1)

7.51 CT_GUID

Geodatabase Name	CT_GUID
BLM Structured Name	Contract_Primary_Key_Identifier
Inheritance	Not Inherited
Alias Name	Contracts Unique Identifier
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL
Definition	Contract Table unique identifier. Values are automatically calculated.
Required/Optional	Required in the TRT_FRST_CNTRCT_TBL. Conditionally required in TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Domain (Valid Values)	No domain.
Data Type	GUID

7.52 CT_ITEM

Geodatabase Name	CT_ITEM
BLM Structured Name	Contract_Bid_Item_Text
Inheritance	Not Inherited
Alias Name	Item
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL
Definition	There could be several items with separate bids within a contract. This field is used to record the bid item, if needed.
Required/Optional	Conditionally Required. For forestry active or completed treatments, this field is required if the Workagent is IDIQ Contract, Service Contract, Stewardship, or Purchase Order and TRT_FY >= 2015.
Domain (Valid Values)	No domain. Examples: 34BD4, 10CC 4, 0002AG
Data Type	String (6)

7.53 CT_ITEMNAME

Geodatabase Name	CT_ITEMNAME
BLM Structured Name	Contract_Item_Name
Inheritance	Not Inherited
Alias Name	Item Name
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL
Definition	Contract bid item name. There could be several item names with separate bids within a contract.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: MM North Cut All, Quality Inspection, 100% brushing w/out spacing
Data Type	String (50)

7.54 CT_ORGN

Geodatabase Name	CT_ORGN
BLM Structured Name	Contract_Origin_Code
Inheritance	Not Inherited
Alias Name	Contract Origin
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL
Definition	The entity that generated the contract.
Required/Optional	Required
Domain (Valid Values)	dom_TRT_CT_ORGN
Data Type	String (5)

7.55 DILUENT

Geodatabase Name	DILUENT
BLM Structured Name	Chemical_Component_Carrier_Type_Name
Inheritance	Not Inherited
Alias Name	None
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Carrier liquid (Oil, Water) for a chemical mixture. Substance used to dilute chemicals for application.
Required/Optional	Optional
Domain (Valid Values)	dom_DILUENT_TYPE
Data Type	String (15)

7.56 EA_UNIT

Geodatabase Name	EA_UNIT
BLM Structured Name	Environmental_Assessment_Unit_Text
Inheritance	Not Inherited
Alias Name	Environmental Assessment Unit
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	Environmental Assessment Unit Number. This Unit Number is designated for the Environmental Assessment planning units during the NEPA process.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1, 29-3-15A, UR 102
Data Type	String (10)

7.57 DST_DEF_NR

Geodatabase Name	DST_DEF_NR
BLM Structured Name	District_Defined_Number
Inheritance	Not Inherited
Alias Name	District Defined Number
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	This describes the number assigned for the unit by the District. Controlled by District and Regional Stewards.
Required/Optional	Optional
Domain (Valid Values)	No domain.
Data Type	Double

7.58 DST_DEF_TXT

Geodatabase Name	DST_DEF_TXT
BLM Structured Name	District_Defined_Text
Inheritance	Not Inherited
Alias Name	District Defined Text
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	District-assigned text field. Controlled by District and Regional Stewards.
Required/Optional	Optional
Domain (Valid Values)	No domain.

Data Type	String (255)

7.59 EST_COST_AC

Geodatabase Name	EST_COST_AC
BLM Structured Name	Estimated_Cost_Per_Acre_Number
Inheritance	Not Inherited
Alias Name	Estimated Cost per Acre
Feature Class Use/Entity Table	TRT_BURN_POLY, TRT_CHEM_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Estimated cost per acre for the proposed forestry treatment.
Required/Optional	Conditional Forestry Burn, Chemical, Mechanical, Protection, and Revegetation treatments: this field is required if the treatment status <> Deferred. All other treatments: Optional
Domain (Valid Values)	No domain. Examples: 0, 175, 200
Data Type	Double

7.60 FRST_TRT

Geodatabase Name	FRST_TRT
BLM Structured Name	Forestry_Treatment_Code
Inheritance	Not Inherited
Alias Name	Forestry Treatment
Feature Class Use/Entity Table	TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Indicates if the treatment was completed for the forestry program.
Required/Optional	Required
Domain (Valid Values)	dom_YN
Data Type	String (1)

7.61 FY_START

Geodatabase Name	FY_START
BLM Structured Name	Forestry_Contract_Start_Fiscal_Year_Text
Inheritance	Not Inherited
Alias Name	Fiscal Year (Start)
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL

Definition	The BLM Fiscal year the contract started. Used for contract data quality control purposes to validate Contract ID format.
Required/Optional	Required
Domain (Valid Values)	No domain. Examples: 2010, 1999
Data Type	String (4)

7.62 GAL_MIX_AP

Geodatabase Name	GAL_MIX_AP
BLM Structured Name	Chemical_Applied_Measure
Inheritance	Not Inherited
Alias Name	Mix Applied (gallons)
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Gallons (to nearest hundredth if known) of chemical mix applied. Chemical treated acres (TRT_ACRES) are calculated as total gallons applied (GAL_MIX_AP) divided by MIX_RATE.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 6175, 2400, 90, 22.5, 1.75
Data Type	Double

7.63 GEN_IMP

Geodatabase Name	GEN_IMP
BLM Structured Name	Revegetation_Genetic_Improvements_Code
Inheritance	Not Inherited
Alias Name	Genetically Improved
Feature Class Use/Entity Table	TRT_REVEG_POLY
Definition	Used to determine if most of a planting unit is planted with genetically improved seed or seedings. The primary use of this information is to populate the Public Lands Statistics annual data request. The domain 'yes' indicates that 51% or more of the unit has been planted/seeded with genetically improved stock/seed. A 'no' indicates that less than 51% of the treatment unit has been planted with genetically improved stock/seed.
Required/Optional	Conditional The field is required for active and completed revegetation treatments with a fiscal year of 2020 or later. The field is optional for all other treatments.
Domain (Valid Values)	dom_YN
Data Type	String (20)

7.64 GIS_ACRES

Geodatabase Name	GIS_ACRES
BLM Structured Name	GIS_Acres_Measure
Inheritance	Inherited from entity Treatments
Alias Name	GIS Acres
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	GIS_ACRES is calculated when the submitted polygon is approved for incorporation into the dataset. The standard spatial reference of Geographic (NAD 1983) cannot be used for calculating acres, so the features are projected as determined by the BLM_ORG_CD of the record. These projections all utilize linear units of meters, so the ESRI Geodatabase-controlled field SHAPE.AREA can be used to convert to acres with the factor based on the U.S. Survey Foot: GIS_ACRES = SHAPE.AREA * 0.0002471044. Note: May not be relevant to Biological treatments. 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. Examples:
Data Type	Double

7.65 GLOBALID

Geodatabase Name	GLOBALID
BLM Structured Name	Global_ID_Identifier
Inheritance	Inherited from entity ODF
Alias Name	None
Feature Class Use/Entity Table	All feature classes and tables
Definition	System generated unique identifier.
Required/Optional	Required (automatically generated)
Domain (Valid Values)	No domain
Data Type	GUID

7.66 HARV_METH

Geodatabase Name	HARV_METH

BLM Structured Name	Harvest_Method_Code
Inheritance	Not Inherited
Alias Name	Method
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	Yarding system (Cable, Ground based, Helicopter or combination) used in harvesting or manual/mechanized harvest tools.
Required/Optional	Conditional. If TRT_STATUS <> Deferred and HARV_RX <> Retain_Regeneration, Retain_SelectionCut, Retain_Thin, or Retain_VariableDensityThin, HARV_METH is required.
Domain (Valid Values)	dom_HARV_METH
Data Type	String (30)

7.67 HARV_RX

Geodatabase Name	HARV_RX
BLM Structured Name	Harvest_Prescription_Code
Inheritance	Not Inherited
Alias Name	Harvest Prescription
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	Term describing forest treatment designed to change stand structure to meet management goals.
Required/Optional	Conditional. Required if the Treatment Status equals Active or Completed.
Domain (Valid Values)	dom_HARV_RX
Data Type	String (30)

7.68 HARV_TYPE

Geodatabase Name	HARV_TYPE
BLM Structured Name	Harvest_Type_Code
Inheritance	Not Inherited
Alias Name	Harvest Type
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	General type of harvest activity. Must look at TRT_STATUS to know whether the activity has occurred, will occur, or is deferred. The default value for this field is "Commercial-Timber."
Required/Optional	Required
Domain (Valid Values)	dom_HARV_TYPE
Data Type	String (30)

7.69 INITIATIVE

Geodatabase Name	INITIATIVE
BLM Structured Name	Treatment_Primary_Initiative_Name
Inheritance	Not Inherited
Alias Name	Initiative
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	The first or primary initiative, priorities, or plan objective the treatment falls under.
Required/Optional	Optional
Domain (Valid Values)	dom_INITIATIVE
Data Type	String (20)

7.70 INITIATIVE2

Geodatabase Name	INITIATIVE2
BLM Structured Name	Treatment_Secondary_Initiative_Name
Inheritance	Not Inherited
Alias Name	Initiative 2
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	The second (if any) initiative, priorities, or plan objective the treatment falls under.
Required/Optional	Optional
Domain (Valid Values)	dom_INITIATIVE
Data Type	String (20)

7.71 LOCAL_LINK

Geodatabase Name	LOCAL_LINK
BLM Structured Name	Local_Database_Identifier
Inheritance	Not Inherited
Alias Name	Local Link
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY

Definition	District legacy identifier or database link for a treatment (other than RIPS and NFPORS).
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: "127UB", "35-1", "4102"
Data Type	String (30)

7.72 LWR_DIA_RMVD

Geodatabase Name	LWR_DIA_RMVD
BLM Structured Name	Harvest_Lower_Diameter_Removed_Number
Inheritance	Not Inherited
Alias Name	Lower Diameter Removed
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	The lower diameter removed. Usually associated with thinning or partial cuts with thinning from above prescriptions. Recorded to one decimal place.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 3, 7, 16
Data Type	Double

7.73 MATERIALCOST_AC

Geodatabase Name	MATERIALCOST_AC
BLM Structured Name	Material_Cost_Per_Acre_Number
Inheritance	Not Inherited
Alias Name	Material Cost per Acre
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL
Definition	The cost of the materials used on a per acre basis, recorded to two decimal places.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 12.01, 50, 101.50
Data Type	Double

7.74 MECH_METH

Geodatabase Name	MECH_METH
BLM Structured Name	Mechanical_Method_Code
Inheritance	Not Inherited
Alias Name	Method

Feature Class Use/Entity Table	TRT_MECH_POLY
Definition	Specific methods and tools used for mechanical (machine or manual) treatment.
Required/Optional	Conditional. This field is required for forestry treatments and optional for all other treatments.
Domain (Valid Values)	dom_MECH_METH
Data Type	String (20)

7.75 MECH_TYPE

Geodatabase Name	MECH_TYPE
BLM Structured Name	Mechanical_Treatment_Type_Code
Inheritance	Not Inherited
Alias Name	None
Feature Class Use/Entity Table	TRT_MECH_POLY
Definition	General type of mechanical (manual or machine) site treatment that alters the land surface or vegetation.
Required/Optional	Required
Domain (Valid Values)	dom_MECH_TYPE
Data Type	String (30)

7.76 MIX_RATE

Geodatabase Name	MIX_RATE
BLM Structured Name	Chemical_Mix_Applied_Rate
Inheritance	Not Inherited
Alias Name	Mix Rate (gallons per acre)
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Gallons per acre tank mix rate for chemical application. Chemical treated acres (TRT_ACRES) are calculated as total gallons applied (GAL_MIX_AP) divided by MIX_RATE.
Required/Optional	Optional
Domain (Valid Values)	dom_MIX_RATE
Data Type	String (10)

7.77 NFPORS_PROJID

Geodatabase Name	NFPORS_PROJID
BLM Structured Name	NFPORS_Project_Identifier

Inheritance	Inherited from entity Treatments
Alias Name	NFPORS Project Identifier
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Ties different treatments for the same project together by giving them the same Project ID.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 3068948, 3050729
Data Type	Long Integer

7.78 NFPORS_TRTID

Geodatabase Name	NFPORS_TRTID
BLM Structured Name	NFPORS_Treatment_Identifier
Inheritance	Inherited from entity Treatments
Alias Name	NFPORS Treatment Identifier
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	The NFPORS Treatment ID (integer 9). For existing (completed) and proposed treatments. This ID together with the NFPORS_PROJID creates unique identifiers that are one to one with TRT_ID.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 3218927, 3216263
Data Type	Long Integer

7.79 NISIMS_ID

Geodatabase Name	NISIMS_ID
BLM Structured Name	NISIMS_Identifier
Inheritance	Inherited from entity Treatments
Alias Name	NISIMS Identifier
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	INF_GUID from the National Invasive Species Information System (NISIMS). Linking field to the NISIMS database.
Required/Optional	Optional
Domain (Valid Values)	No domain
Data Type	GUID

7.80 NATL_FLAG

Geodatabase Name	NATL_FLAG
BLM Structured Name	National_Flag_Code
Inheritance	Inherited from entity Treatments
Alias Name	National Flag Code
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Field to flag records that also exist in one of the national datasets. Records can be duplicates, partial duplicates, or potential duplicates. While this field is generic, within the context of this data standard, this field specifically flags records that may also exist in VMAP. This field will eventually apply to ESR, fuels, and RIPS data; currently only ESR data has been migrated to VMAP. For ESR records, VMAP attribute information was migrated from NFPORS, not the ORWA Treatment datasets. VMAP spatial information was migrated from completed VTRT treatments with a successful NFPORS_ID join. Records flagged as duplicate records have a successful NFPORS_TRTID join with VMAP and similar geometry and data attribute values in selected fields. There may be attributes disagreement between some data fields. The national datasets are the authoritative dataset. If program users determine VMAP contains the best data information duplicate records can be deleted from the OR/WA datasets. Records flagged partial duplicate records have a successful NFPORS_TRTID join with VMAP but differ in their geometry, data attributes values, or both. Efforts should be made to resolve the differences and update the information in VMAP. Records flagged as potential duplicate records have been identified as associated with program data that has been migrated to VMAP, e.g., ESR, but there is no successful NFPORS_TRTID join. Efforts should be made to associate these records with data in VMAP and update the information in VMAP.
Required/Optional	Optional
Domain (Valid Values)	dom_NATL_FLAG
Data Type	String (40)

7.81 PCT_SP

Geodatabase Name	PCT_SP
BLM Structured Name	Precommercial_Thin_Spacing_Number
Inheritance	Not Inherited
Alias Name	Precommercial Thin Spacing
Feature Class Use/Entity Table	TRT_MECH_POLY
Definition	The spacing for the precommercial thinning treatment.
Required/Optional	Conditional. This field is required for forestry treatments and MECH_TYPE = PreComm Thin.
Domain (Valid Values)	No domain. Examples: 12, 18, 24
Data Type	Short Integer

7.82 PE_CD

Geodatabase Name	PE_CD
BLM Structured Name	Program_Element_Code
Inheritance	Inherited from entity Treatments
Alias Name	Program Element
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Program Element code being reported for the management action.
Required/Optional	Conditionally Required. This field is required for forestry treatments with a fiscal year of 2019 or newer. For all other treatments, this field is optional.
Domain (Valid Values)	VMAP_DOM_PRGM_ELEM_CD
Data Type	String (2)

7.83 PHENOLOGY

Geodatabase Name	PHENOLOGY
BLM Structured Name	Plant_Phenology_Code
Inheritance	Not Inherited
Alias Name	Phenology
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_MECH_POLY
Definition	Phenological stage (or stages) of the plant being treated. For example, "Seedling", "Flowering". Stages are combined (separated by "/") if meaningful for management, for example, "Bud/Flowering".

	"Deaddormant" is used instead of "Dead" or "Dormant" because of the difficulty in declaring a plant dead.
Required/Optional	Optional
Domain (Valid Values)	dom_PHENOLOGY
Data Type	String (30)

7.84 PLANID

Geodatabase Name	PLANID
BLM Structured Name	Plan_Name_Text
Inheritance	Inherited from entity Treatments
Alias Name	Plan ID
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	The official name/identifier for the plan or project authorizing the action. Provides link to project or planning area boundary polygon.
Required/Optional	Conditional For forestry treatments, this field is required if the Treatment Status is Active or Completed. For all other treatments, this field is Optional.
Domain (Valid Values)	dom_PLANID
Data Type	String (100)

7.85 PLT_CLASS

Geodatabase Name	PLT_CLASS
BLM Structured Name	Planting_Class_Code
Inheritance	Not Inherited
Alias Name	Planting Class
Feature Class Use/Entity Table	TRT_REVEG_POLY
Definition	Enter a selection from the domain list. Definitions are as follows. Interplant = a follow-up partial replant. Initial planting occurs after a fire or harvest. Replant is for replanting a previous planting that has failed. The XXX underplant categories work the same way.
Required/Optional	Conditional. This field is required for Completed Forestry treatments.
Domain (Valid Values)	dom_PLANT_CLASS
Data Type	String (2)

7.86 PLT_SPACE

Geodatabase Name	PLT_SPACE
BLM Structured Name	Planting_Spacing_Number
Inheritance	Not Inherited
Alias Name	Spacing
Feature Class Use/Entity Table	TRT_REVEG_POLY
Definition	Plant spacing such as 8 for an 8 x 8-foot planting.
Required/Optional	Conditional. This field is required for Completed Forestry treatments.
Domain (Valid Values)	No domain. Examples: 1, 4, 8
Data Type	Long Integer

7.87 PLT_VAR_SPACE

Geodatabase Name	PLT_VAR_SPACE
BLM Structured Name	Planting_Variable_Spacing_Flag_Code
Inheritance	Not Inherited
Alias Name	Variable Density Spacing
Feature Class Use/Entity Table	TRT_REVEG_POLY
Definition	Indicates if the planting is using variable density spacing.
Required/Optional	Optional
Domain (Valid Values)	dom_YN
Data Type	String (1)

7.88 PLTSTK_BLM_BU

Geodatabase Name	PLTSTK_BLM_BU
BLM Structured Name	Planting_Stock_BLM_Breeding_Unit_Code
Inheritance	Not Inherited
Alias Name	BLM Breeding Unit
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Breeding Unit of seed used to reforest unit
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_BLM_BU
Data Type	String (40)

7.89 PLTSTK_CONSOL_BU

Geodatabase Name	PLTSTK_CONSOL_BU
BLM Structured Name	Planting_Stock_Consolidated_Forest_Breeding_Unit_Code
Inheritance	Not Inherited
Alias Name	Consolidated Breeding Unit
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Consolidated forest breeding units where seed was collected. These are agreed upon areas for western Oregon as defined by the BLM, private landowners, and other agencies. The spatial areas are represented by the FBU_COOPCONSOL_POLY feature class.
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_CONSOL_BU
Data Type	String (20)

7.90 PLTSTK_COOP_BU

Geodatabase Name	PLTSTK_COOP_BU
BLM Structured Name	Planting_Stock_Cooperative_Breeding_Unit_Code
Inheritance	Not Inherited
Alias Name	Cooperative Breeding Unit
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Cooperative Breeding Unit of seed used to reforest unit.
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_COOP_BU
Data Type	String (40)

7.91 PLTSTK_FY

Geodatabase Name	PLTSTK_FY
BLM Structured Name	Planting_Stock_Fiscal_Year_Text
Inheritance	Not Inherited
Alias Name	Fiscal Year
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Planting Stock FY. 4 integer character for the year the seedling was planted in the nursery.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1999, 2021
Data Type	String (4)

7.92 PLTSTK_GUID

Geodatabase Name	PLTSTK_GUID
BLM Structured Name	Planting_Stock_Unique_Identifier
Inheritance	Not Inherited
Alias Name	Planting Stock Unique Identifier
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Planting stock table unique identifier.
Required/Optional	Required
Domain (Valid Values)	No domain
Data Type	GUID

7.93 PLTSTK_ID

Geodatabase Name	PLTSTK_ID
BLM Structured Name	Planting_Stock_Identifier
Inheritance	Not Inherited
Alias Name	Planting Stock ID
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL, TRT_REVEG_PLT_TBL
Definition	Identifier for the planting stock record. Automatically built during data entry by concatenating values in the following fields: [Fiscal Year].[Seed Species].[Stock Type].[Selected Seed Zone or Breeding Unit].[Unique Identifier]
Required/Optional	Required
Domain (Valid Values)	No domain. Examples: 2020.IC.CON10S.IC4.423.18171, 2020.D.CON8S.721.421.18176
Data Type	String (100)

7.94 PLTSTK_INUSE

Geodatabase Name	PLTSTK_INUSE
BLM Structured Name	Planting_Stock_In_Use_Flag_Code
Inheritance	Not Inherited
Alias Name	In Use?
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Records if the Plant Stock record is still in use or not.
Required/Optional	Required
Domain (Valid Values)	dom_YN
Data Type	String (1)

7.95 PLTSTK_LOT_NUM

Geodatabase Name	PLTSTK_LOT_NUM
BLM Structured Name	Planting_Stock_Lot_Number
Inheritance	Not Inherited
Alias Name	Lot Number
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	A series of letters and/or numbers assigned by the seed grower for tracking.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 558, 190199, 2020PNCG235
Data Type	String (20)

7.96 PLTSTK_NURS

Geodatabase Name	PLTSTK_NURS
BLM Structured Name	Planting_Stock_Nursery_Code
Inheritance	Not Inherited
Alias Name	Planting Stock Nursery
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Nursery that originally grew the seed used to reforest unit.
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_NURSERY
Data Type	String (40)

7.97 PLTSTK_SDGENQ

Geodatabase Name	PLTSTK_SDGENQ
BLM Structured Name	Planting_Stock_Seed_Genetic_Quality_Code
Inheritance	Not Inherited
Alias Name	Genetic Quality
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Genetic quality of the seed used to reforest unit.
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_GEN
Data Type	String (5)

7.98 PLTSTK_SDREG

Geodatabase Name	PLTSTK_SDREG
BLM Structured Name	Planting_Stock_Seed_Registry_Text
Inheritance	Not Inherited
Alias Name	Seed Register
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Tree seed registration code related to the seed inventory.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1718, M2-44
Data Type	String (5)

7.99 PLTSTK_SDZN_1966

Geodatabase Name	PLTSTK_SDZN_1966
BLM Structured Name	Planting_Stock_1966_Seed_Zone_Text
Inheritance	Not Inherited
Alias Name	1966 Seed Zone
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	1966 Seed Zone of seed used to reforest unit.
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_1966_SDZN
Data Type	String (3)

7.100 PLTSTK_SDZN_1996

Geodatabase Name	PLTSTK_SDZN_1996
BLM Structured Name	Planting_Stock_1996_Seed_Zone_Text
Inheritance	Not Inherited
Alias Name	1996 Seed Zone
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	1996 Seed Zone of seed used to reforest unit.
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_1996_SDZN
Data Type	String (5)

7.101 PLTSTK_SEEDEL

Geodatabase Name	PLTSTK_SEEDEL
BLM Structured Name	Planting_Stock_Seed_Elevation_Measure
Inheritance	Not Inherited
Alias Name	Seed Elevation
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Elevation where seed source was collected
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 1500, 5000, 6500
Data Type	Long Integer

7.102 PLTSTK_TYPE

Geodatabase Name	PLTSTK_TYPE
BLM Structured Name	Planting_Stock_Type_Code
Inheritance	Not Inherited
Alias Name	Stock Type
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Description of stock type used to reforest unit.
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_TYPE
Data Type	String (15)

7.103 PLTSTK_TRANSNURS

Geodatabase Name	PLTSTK_TRANSNURS
BLM Structured Name	Planting_Stock_Nursery_Code
Inheritance	Not Inherited
Alias Name	Transplant Nursery
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	Transplant Nursery that grew the seed used to reforest unit.
Required/Optional	Optional
Domain (Valid Values)	dom_PLTSTK_NURSERY
Data Type	String (40)

7.104 PRIORITY

Geodatabase Name	PRIORITY
BLM Structured Name	Priority_Code
Inheritance	Not Inherited
Alias Name	Priority
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Describes the urgency of the proposed forestry treatment action. Mostly used for proposed treatments.
Required/Optional	Optional
Domain (Valid Values)	dom_PRIORITY
Data Type	String (15)

7.105 PROJ_NAME

Geodatabase Name	PROJ_NAME
BLM Structured Name	Project_Name_Text
Inheritance	Inherited from entity Treatments
Alias Name	Project Name
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	District-assigned name for a project that encompasses several treatment types and/or treatment units. It is not the same as the plan or project authorizing the action (PLANID) and there may be many PROJ_NAME for one PLANID.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: Evans Creek, Williamson Creek EA
Data Type	String (100)

7.106 PROT_TYPE

Geodatabase Name	PROT_TYPE
BLM Structured Name	Protection_Type_Code
Inheritance	Not Inherited
Alias Name	Protection Type
Feature Class Use/Entity Table	TRT_PROT_POLY
Definition	Type of treatment that protects the land surface or vegetation. Spatial extent is the area protected, not each individual protection structure or device.

Required/Optional	Required
Domain (Valid Values)	dom_PROT_TYPE
Data Type	String (30)

7.107 PRU_AVG_DBH

Geodatabase Name	PRU_AVG_DBH
BLM Structured Name	Pruning_Average_Diameter_Breast_Height_Number
Inheritance	Not Inherited
Alias Name	Pruning Average DBH
Feature Class Use/Entity Table	TRT_MECH_POLY
Definition	Pruning Average DBH. Between 1 and 50 inches. The average diameter of the pruned trees at the time of treatment entered to the nearest 1/10th inch.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 2.4, 10.9, 16
Data Type	Double

7.108 PRU_LEN

Geodatabase Name	PRU_LEN
BLM Structured Name	Pruning_Length_Number
Inheritance	Not Inherited
Alias Name	Pruning Length
Feature Class Use/Entity Table	TRT_MECH_POLY
Definition	Pruning length equals the average prune height and is derived from a sample of pruned trees. For example, the first lift is to a prescribed height of 9 feet. Pruning length is determined to be on average 10.4 feet based on a sample of the pruned trees measured pruned height, and 10 is entered for pruning length. A second lift is to a prescribed height of 18 feet. Based on a sample of pruned trees the average pruning height is 17.5 feet, and 18 is entered for pruning length. Use 0 if there is no data.
Required/Optional	Conditional. This field is required for Forestry Treatments where Mech Type equals Pruning.
Domain (Valid Values)	No domain. Examples: 0, 6, 10
Data Type	Short Integer

7.109 PRU_LIFT

Geodatabase Name	PRU_LIFT
BLM Structured Name	Pruning_Lift_Number

Inheritance	Not Inherited
Alias Name	Pruning Lift
Feature Class Use/Entity Table	TRT_MECH_POLY
Definition	Pruning lift equals the number of times selected trees in a stand are pruned. For example, the first lift (1) is to a height of 9 feet, and the second lift (2) is to a height of 18 feet. Use 0 if there is no data.
Required/Optional	Conditional. This field is required for Forestry Treatments where Mech Type equals Pruning.
Domain (Valid Values)	No domain. Examples: 0, 1, 2
Data Type	Short Integer

7.110 PRU_TPA

Geodatabase Name	PRU_TPA
BLM Structured Name	Pruning_Trees_Per_Acre_Number
Inheritance	Not Inherited
Alias Name	Pruning Trees per Acre
Feature Class Use/Entity Table	TRT_MECH_POLY
Definition	Trees per Acre. Prune TPA is the average number of pruned trees per acre based on a sample of pruned trees. For example, a contract is written to prune 80 trees per acre to a height of 9 feet. A series of 1/40th acre plots are established within the pruned stand during contract inspection, and this data indicates there are on average 2.7 pruned trees per plot. Based on this sample there are 108 pruned trees per acre (2.7 x 40), and 108 is entered for Prune TPA. Five years later the same stand has a second lift to 18 feet prescribed. A pre-treatment survey indicates there are on average 80 pruned trees per acre that have a diameter that is 6 inches or greater. A contract specifies only previously pruned trees that are at least 6 inches DBH receive the second lift. Contract inspection using a series of 1/40th acre plots indicates there are on average 2 trees per acre pruned to the prescribed height, and 80 is entered for Prune TPA.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 2, 75, 263
Data Type	Long Integer

7.111 REASON

Geodatabase Name	REASON
BLM Structured Name	Primary_Reason_Benefiting_Resource_Text
Inheritance	Not Inherited
Alias Name	Reason

Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	The intended main or primary reason for the action or benefiting resource. Only reasons or benefits that are officially acknowledged and recognized for a particular treatment should be considered, and REASON will contain only the most important. A secondary reason or benefit can be listed in REASON2. Some choices are more general, and the most specific choice should be used, e.g. Sage-grouse rather than Birds-General. It is expected that specific species of concern will be added as needed.
Required/Optional	Required
Domain (Valid Values)	dom_REASON
Data Type	String (30)

7.112 REASON2

Geodatabase Name	REASON2
BLM Structured Name	Secondary_Reason_Benefiting_Resource_Text
Inheritance	Not Inherited
Alias Name	Reason 2
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	A secondary reason for the treatment or benefiting resource. Only reasons or benefits that are officially acknowledged and recognized for a particular treatment should be considered. Additional reasons or benefits (same domain) can be listed in a linked table. Some choices are more general, and the most specific choice should be used, e.g. Sage-grouse rather than Birds-General.
Required/Optional	Optional
Domain (Valid Values)	dom_REASON
Data Type	String (30)

7.113 REVEG_METH

Geodatabase Name	REVEG_METH
BLM Structured Name	Revegetation_Method_Code
Inheritance	Not Inherited
Alias Name	Reveg Method
Feature Class Use/Entity Table	TRT_REVEG_POLY
Definition	Specific method (tools used) for revegetation.
Required/Optional	Required
Domain (Valid Values)	dom_REVEG_METH

Data Type	String (20)

7.114 REVEG_SRC

Geodatabase Name	REVEG_SRC
BLM Structured Name	Revegetation_Source_Code
Inheritance	Not Inherited
Alias Name	Reveg Source
Feature Class Use/Entity Table	TRT_REVEG_POLY
Definition	Where the revegetation plants or seeds were collected or the company from which it was purchased.
Required/Optional	Optional
Domain (Valid Values)	None. Example: "Granite Co.", "Western Reclamation", "Landmark Co".
Data Type	String (30)

7.115 REVEG_TYPE

Geodatabase Name	REVEG_TYPE
BLM Structured Name	Revegetation_Type_Code
Inheritance	Not Inherited
Alias Name	Reveg Type
Feature Class Use/Entity Table	TRT_REVEG_POLY
Definition	General type of revegetation treatment.
Required/Optional	Required
Domain (Valid Values)	dom_REVEG_TYPE
Data Type	String (30)

7.116 RIPSKEY

Geodatabase Name	RIPSKEY
BLM Structured Name	RIPS_Identifier
Inheritance	Not Inherited
Alias Name	RIPS Key
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	RIPS Key, if applicable. Currently six characters, all digits, but this may change. Links to RIPS database application.
Required/Optional	Optional

Domain (Valid Values)	No domain. Examples: 716308, 716184, 004132
Data Type	String (6)

7.117 RX_AVG_BA

Geodatabase Name	RX_AVG_BA
BLM Structured Name	Prescription_Average_Basal_Area_Number
Inheritance	Not Inherited
Alias Name	RX Average Basal Area
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	The average basal area retained during the harvest treatment.
Required/Optional	Conditional. For Forestry Harvest treatments where treatment status is Active or Completed, editors must fill in at least one of the following: RX_AVG_BA, RX_AVG_TPA, or RX_RD.
Domain (Valid Values)	No domain. Examples: 1, 10, 160
Data Type	Short Integer

7.118 RX_AVG_TPA

Geodatabase Name	RX_AVG_TPA
BLM Structured Name	Prescription_Average_Trees_Per_Acre_Number
Inheritance	Not Inherited
Alias Name	RX Average Trees per Acre
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	Average trees per acre retained during the harvest treatment.
Required/Optional	Conditional. For Forestry Harvest treatments where treatment status is Active or Completed, editors must fill in at least one of the following: RX_AVG_BA, RX_AVG_TPA, or RX_RD.
Domain (Valid Values)	No domain. Examples: 5, 10, 170
Data Type	Short Integer

7.119 RX_HIGH_BA

Geodatabase Name	RX_HIGH_BA
BLM Structured Name	Prescription_High_Basal_Area_Number
Inheritance	Not Inherited
Alias Name	RX High Basal Area

Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	The high end of the range of basal area retained during the harvest treatment.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 20, 100, 180
Data Type	Short Integer

7.120 RX_HIGH_TPA

Geodatabase Name	RX_HIGH_TPA
BLM Structured Name	Prescription_High_Trees_Per_Acre_Number
Inheritance	Not Inherited
Alias Name	RX High Trees per Acre
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	The high end of the range of trees per acre retained during the harvest treatment.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 5, 20, 60
Data Type	Short Integer

7.121 RX_LOW_BA

Geodatabase Name	RX_LOW_BA
BLM Structured Name	Prescription_Low_Basal_Area_Number
Inheritance	Not Inherited
Alias Name	RX Low Basal Area
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	The low end of the range of basal area retained during the harvest treatment.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 0, 5, 20
Data Type	Short Integer

7.122 RX_LOW_TPA

Geodatabase Name	RX_LOW_TPA
BLM Structured Name	Prescription_Low_Trees_Per_Acre_Number
Inheritance	Not Inherited
Alias Name	RX Low Trees per Acre

Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	The low end of the range of trees per acre retained during the harvest treatment.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 0, 1, 40
Data Type	Short Integer

7.123 RX_RD

Geodatabase Name	RX_ CURTIS_RD
BLM Structured Name	Prescription_Curtis_Relative_Density_Number
Inheritance	Not Inherited
Alias Name	RX Curtis Relative Density
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	A simple and convenient scale for relative stand density using the method defined by Curtis (Curtis, 1982). Calculated using the following equation: Curtis RD = Basal Area/sqrt(Quadratic MeanDiameter).
Required/Optional	Conditional. For Forestry Harvest treatments where treatment status is Active or Completed, editors must fill in at least one of the following: RX_AVG_BA, RX_AVG_TPA, or RX_RD.
Domain (Valid Values)	No domain.
Data Type	Short Integer

7.124 SALE_DATE

Geodatabase Name	SALE_DATE
BLM Structured Name	Timber_Sale_Date
Inheritance	Not Inherited
Alias Name	Sale Date
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	Date the timber is planned or when it was sold based on the TSIS linked database. This date does not change once a timber contract is approved and is different from the TRT_DATE which follows the "Active" and "Completed" phase of the TRT_STATUS.
Required/Optional	Conditional. For Forestry Harvest treatments where treatment status is Active or Completed and TRT_DATE >= 6/1/2015, this field is required.
Domain (Valid Values)	No domain. Examples: 6/5/2000, 10/1/2019
Data Type	Date

7.125 SALE_FY

Geodatabase Name	SALE_FY
BLM Structured Name	Timber_Sale_Fiscal_Year
Inheritance	Not Inherited
Alias Name	Sale Date FY
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	Auto calculation of the fiscal year a timber sale was planned (from TRT_DATE) or sold (from SALE_DATE) after the TRT_HARV_POLY unit is linked to TSIS.
Required/Optional	Conditional. For Forestry Harvest treatments where treatment status is Active or Completed and TRT_DATE >= 6/1/2015, this field is required.
Domain (Valid Values)	No domain. Examples: 1997, 2021
Data Type	String (4)

7.126 SD_SPECIES_CD

Geodatabase Name	SD_SPECIES_CD
BLM Structured Name	Planting_Seed_Species_Code
Inheritance	Not Inherited
Alias Name	Seed Species Code
Feature Class Use/Entity Table	TRT_REVEG_PLTSTK_TBL
Definition	A code indicating the species of the seed species to be planted. Species codes are a forestry specific short code and are not the same as the U. S. Department of Agriculture's Natural Resource Conservation Service National Plants Database. The default value for this field is XXXX - Needs Data. However, edit versions may not be submitted if this species is used. It is only meant as a temporary code while data is entered.
Required/Optional	Required
Domain (Valid Values)	dom_REVEG_SD_SPECIES
Data Type	String (10)

7.127 SD_TOT_LBS

Geodatabase Name	SD_TOT_LBS
BLM Structured Name	Planting_Seeding_Total_Pounds_Number
Inheritance	Not Inherited
Alias Name	Seeding Total Pounds
Feature Class Use/Entity Table	TRT_REVEG_PLNT_TBL

Definition	The number of pounds of seed for the specified stock code that were applied to the revegetation treatment. Only applies to seedings. Required for units that were seeded.
Required/Optional	Conditional. This field is required if the Reveg Type is Tree Seeding-Artificial, and the Treatment Status is Active or Completed.
Domain (Valid Values)	No domain. Examples: 2, 17.1, 240
Data Type	Double

7.128 SNAGS_AC

Geodatabase Name	SNAGS_AC
BLM Structured Name	Treatment_Snags_Per_Acre_Number
Inheritance	Not Inherited
Alias Name	Snags per Acre
Feature Class Use/Entity Table	TRT_HARV_POLY , TRT_MECH_POLY
Definition	The number of snags per acre in a treatment polygon. It includes snags created through management actions and existing, natural snags. The value is calculated by totaling the number of snags within the treatment polygon and dividing by GIS Acres. The result value is then rounded to two decimal places.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 5, 8
Data Type	Double

7.129 SPECIES_CD

Geodatabase Name	SPECIES_CD
BLM Structured Name	Target_Species_Code
Inheritance	Not Inherited
Alias Name	Species Code
Feature Class Use/Entity Table	TRT_TRG_SPCS_TBL
Definition	A code indicating the species of the tree or plant to be controlled or harvested as part of the silvicultural treatment. Species are derived from the U. S. Department of Agriculture's Natural Resource Conservation Service National Plants Database. The default value for this field is XXXX - Needs Data. However, edit versions may not be submitted if this species is used. It is only meant as a temporary code while data is entered.
Required/Optional	Required
Domain (Valid Values)	dom_FOI_SPECIES_ALL
Data Type	String (10)

7.130 STK_TOT_TREES

Geodatabase Name	STK_TOT_TREES
BLM Structured Name	Planting_Stock_Total_Trees_Number
Inheritance	Not Inherited
Alias Name	Stock Total Trees
Feature Class Use/Entity Table	TRT_REVEG_PLNT_TBL
Definition	The number of trees for the specified stock code that were planted in the revegetation treatment.
Required/Optional	Conditional. This field is required if the Reveg Type is Tree Planting, and the Treatment Status is Active or Completed.
Domain (Valid Values)	No domain. Examples: 6400, 41580
Data Type	Long Integer

7.131 TASKORDER

Geodatabase Name	TASKORDER
BLM Structured Name	Contract_Task_Order_Text
Inheritance	Not Inherited
Alias Name	Task Order
Feature Class Use/Entity Table	TRT_FRST_CNTRCT_TBL
Definition	Treatment Contract TASKORDER # is under the umbrella of the IDIQ Contract ID above in ODF.
Required/Optional	Conditional. Required when the associated Treatment Workagent = IDIQ Contract the TRT_FY >=2015.
Domain (Valid Values)	No domain. Examples: 140L1021F0012, HCD070534
Data Type	String (50)

7.132 TRT_ACRES

Geodatabase Name	TRT_ACRES
BLM Structured Name	Treatment_Acres_Measure
Inheritance	Inherited from entity Treatments
Alias Name	Treatment Acres
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY

Definition	These are actual acres treated or estimated acres proposed for treatment. Not derived from GIS but can be set to GIS_ACRES, if the entire polygon is considered treated. The TRT_ACRES may be substantially less than the total polygon acres, particularly for Chemical Treatment Polygons (TRT_CHEM_POLY) where treated acres (TRT_ACRES) is calculated as total gallons applied (GAL_MIX_AP) divided by MIX_RATE. May not be relevant to BIO or PROT treatments.
Required/Optional	Conditionally Required. For non-forestry treatments this field is optional. For non-harvest forestry treatments this field is required and must be greater than 0.1. For harvest forestry treatments, this field is required for active or completed treatments. Values must be greater than 0.1 unless the status is deferred.
Domain (Valid Values)	No domain. Examples:
Data Type	Double

7.133 TRT_DATE

Geodatabase Name	TRT_DATE
BLM Structured Name	Treatment_Date
Inheritance	Inherited from entity Treatments
Alias Name	Treatment Date
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	The date the treatment was completed or the planned start date. The TRT_STATUS provides the necessary information to know whether the treatment is completed or not.
Required/Optional	Required
Domain (Valid Values)	No domain. Examples: 10/22/2022, 9/1/2009, 1/1/1999
Data Type	Date

7.134 TRT_DATE_ACC

Geodatabase Name	TRT_DATE_ACC
BLM Structured Name	Treatment_Date_Accuracy_Code
Inheritance	Inherited from entity Treatments
Alias Name	Treatment Date Accuracy
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Describes the accuracy of the TRT_DATE field. The default value for this field is "Day."

Required/Optional	Required
Domain (Valid Values)	dom_DT_ACC
Data Type	String (7)

7.135 TRT_FY

Geodatabase Name	TRT_FY
BLM Structured Name	Treatment_Fiscal_Year
Inheritance	Inherited from entity Treatments
Alias Name	Treatment Date FY
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	The BLM Fiscal year the treatment occurred in or in which it is planned.
Required/Optional	Conditionally Required. For non-forestry treatments this field is optional. For non-harvest forestry treatments this field is required.
Domain (Valid Values)	No domain. Examples: 2010, 1999
Data Type	String (4)

7.136 TRT_GUID

Geodatabase Name	TRT_GUID
BLM Structured Name	Treatments_Unique_Identifier
Inheritance	Not Inherited
Alias Name	Treatments Unique Identifier
Feature Class Use/Entity Table	TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY, TRT_REVEG_PLNT_TBL
Definition	The unique identifier for treatments. This field is auto populated with GUID value during record creation.
Required/Optional	Required
Domain (Valid Values)	No domain.
Data Type	GUID

7.137 TRT_MONI

Geodatabase Name	TRT_MONI
BLM Structured Name	Treatment_Monitor_Code
Inheritance	Inherited from entity Treatments

Alias Name	Monitoring
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Result as determined from post treatment inspection. Questions asked will be different for different treatment types. For prescribed BURN, these might include: Was consumption of the targeted fuels inadequate, adequate, or excessive? Were targeted mortality levels inadequate, adequate, or excessive? Was soil heating acceptable or unacceptable? Did any unacceptable damage to non-targeted resources or resource values occur? For CHEM treatment of weeds, the question might be "Are there any weeds left?" For PROT, the question might be whether the targeted animals were effectively excluded. For REVEG, the questions might include: What was the germination percentage? What percent survived one year? What was the coverage?
Required/Optional	Optional
Domain (Valid Values)	dom_TRT_MONI
Data Type	String (20)

7.138 TRT_NAME

Geodatabase Name	TRT_NAME
BLM Structured Name	Treatment_Name
Inheritance	Inherited from entity Treatments
Alias Name	Treatment Name
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Free text name that identifies the treatment entity, preferably with a place reference and treatment type reference. The name is one-to-one with TRT_ID and the two together provide identification that is more reliable if neither is changed. Naming conventions need to be standardized by programs and/or offices and enforced to avoid confusion and loss of information.
Required/Optional	Required
Domain (Valid Values)	No domain. Examples: Juniper Bough Cut Units, Whistle Stop Landing Piles
Data Type	String (60)

7.139 TRT_STATUS

Geodatabase Name	TRT_STATUS

BLM Structured Name	Treatment_Status_Code
Inheritance	Inherited from entity Treatments
Alias Name	Status
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Status of the treatment action. Used in conjunction with TRT_DATE.
Required/Optional	Required
Domain (Valid Values)	dom_TRT_STATUS
Data Type	String (12)

7.140 TRT_TARG

Geodatabase Name	TRT_TARG
BLM Structured Name	Treatment_Target_Code
Inheritance	Inherited from entity Treatments
Alias Name	Treatment Target
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Target (affected species) of the treatment action.
Required/Optional	Optional
Domain (Valid Values)	dom_TRT_TARG
Data Type	String (30)

7.141 TS_GUID

Geodatabase Name	TS_GUID
BLM Structured Name	Target_Species_Unique_Identifier
Inheritance	Not Inherited
Alias Name	None
Feature Class Use/Entity Table	TRT_TRG_SPCS_TBL
Definition	Unique identifier for the TRT_TRG_SPCS_TBL table.
Required/Optional	Required (Values are automatically generated in a MS edit version.)
Domain (Valid Values)	No domain.
Data Type	GUID

7.142 TSIS_ID

Geodatabase Name	TSIS_ID
BLM Structured Name	Timber_Sale_Information_System_Unique_Identifier
Inheritance	Not Inherited
Alias Name	TSIS Unique Identifier
Feature Class Use/Entity Table	HARV_POLY
Definition	Unique identifier for the TSIS record linked to a Harvest treatment. This field is managed by the Micro*Storms tools.
Required/Optional	Optional
Domain (Valid Values)	No domain.
Data Type	String (80)

7.143 TSIS_LINKED

Geodatabase Name	TSIS_LINKED
BLM Structured Name	Timber_Sale_Information_System_Linked_Code
Inheritance	Not Inherited
Alias Name	TSIS Unique Identifier
Feature Class Use/Entity Table	HARV_POLY
Definition	Indicates if the Harvest treatment polygon has been linked to a TSIS record. This field is managed by the Micro*Storms tools.
Required/Optional	Optional
Domain (Valid Values)	dom_YN
Data Type	String (1)

7.144 UNIT_NUM

Geodatabase Name	UNIT_NUM
BLM Structured Name	Unit_Number_Identifier
Inheritance	Not Inherited
Alias Name	Unit Number
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Unit number for a treatment, usually occurs when there are multiple polygons representing a treatment. For harvest treatments, this is the unique harvest unit identifying number matching the given unit number in the Timber Sale Information System (TSIS) and contract Exhibit A map.

Required/Optional	Conditional For Harvest treatments, this field is required. For all other treatments, this field is optional.
Domain (Valid Values)	No domain. Examples: 23-1, 5, PH-2
Data Type	String (10)

7.145 UPR_DIA_RMVD

Geodatabase Name	UPR_DIA_RMVD
BLM Structured Name	Harvest_Upper_Diameter_Removed_Number
Inheritance	Not Inherited
Alias Name	Upper Diameter Removed
Feature Class Use/Entity Table	TRT_HARV_POLY
Definition	The upper diameter removed. Usually associated with thinning or partial cuts with thinning from above prescriptions. Recorded to one decimal place.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 20, 21, 32
Data Type	Double

7.146 VERSION_NAME

Geodatabase Name	VERSION_NAME
BLM Structured Name	Geodatabase_Version_Text
Inheritance	Inherited from entity ODF
Alias Name	None
Feature Class Use/Entity Table	All feature classes and tables
Definition	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. 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 (automatically generated)
Domain (Valid Values)	No domain.
Data Type	String (50)

7.147 WEED_TARG1

Geodatabase Name	WEED_TARG1
BLM Structured Name	Weed_First_Target_Code
Inheritance	Not Inherited
Alias Name	Weed Target 1
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_CHEM_POLY, TRT_MECH_POLY
Definition	First target weed species of the vegetation treatment.
Required/Optional	Optional
Domain (Valid Values)	dom_WEED_SPCS
Data Type	String (8)

7.148 WEED_TARG2

Geodatabase Name	WEED_TARG2
BLM Structured Name	Weed_Second_Target_Code
Inheritance	Not Inherited
Alias Name	Weed Target 2
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_CHEM_POLY, TRT_MECH_POLY
Definition	Second target weed species of the vegetation treatment, if any.
Required/Optional	Optional
Domain (Valid Values)	dom_WEED_SPCS
Data Type	String (8)

7.149 WEED_TARG3

Geodatabase Name	WEED_TARG3
BLM Structured Name	Weed_Third_Target_Code
Inheritance	Not Inherited
Alias Name	Weed Target 3
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_CHEM_POLY, TRT_MECH_POLY
Definition	Third target weed species of the vegetation treatment, if any.
Required/Optional	Optional
Domain (Valid Values)	dom_WEED_SPCS
Data Type	String (8)

7.150 WILD_CLEAR

Geodatabase Name	WILD_CLEAR
BLM Structured Name	Wildlife_Clearance_Date
Inheritance	Inherited from entity Treatments
Alias Name	Wildlife Clearance Date
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Date the proposed treatment area received wildlife clearance. YYYYMMDD or YYYYMM or YYYY format or "UNKNOWN".
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 10/22/2009, 9/1/2001
Data Type	Date

7.151 WIND_DIR

Geodatabase Name	WIND_DIR
BLM Structured Name	Wind_Compass_Cardinal_Direction_Code
Inheritance	Inherited from entity Treatments
Alias Name	Wind Direction
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_CHEM_POLY
Definition	Wind direction at the time of a chemical or biological treatment. Expressed as one- or two-character cardinal direction (eight choices, starting at N).
Required/Optional	Optional
Domain (Valid Values)	VMAP_DOM_WIND_DIRECTION
Data Type	String (4)

7.152 WIND_MPH

Geodatabase Name	WIND_MPH
BLM Structured Name	Wind_Speed_Miles_Per_Hour_Measure
Inheritance	Inherited from entity Treatments
Alias Name	Wind Speed (mph)
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_CHEM_POLY
Definition	Wind speed, in miles per hour, at the time of a chemical or biological treatment.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 2, 10
Data Type	Short Integer

7.153 WORKAGENT

Geodatabase Name	WORKAGENT
BLM Structured Name	Workagent_Text
Inheritance	Inherited from entity Treatments
Alias Name	Workagent
Feature Class Use/Entity Table	TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY
Definition	Who did the work (or the type of procurement instrument).
Required/Optional	Required
Domain (Valid Values)	dom_WORKAGENT
Data Type	String (40)

7.154 WTRDIST_TX

Geodatabase Name	WTRDIST_TX
BLM Structured Name	Treatment_Distance_To_Water_Text
Inheritance	Not Inherited
Alias Name	Distance to Water
Feature Class Use/Entity Table	TRT_CHEM_POLY
Definition	Distance to water from the chemical treatment area.
Required/Optional	Optional
Domain (Valid Values)	No domain. Examples: 10, 25
Data Type	String (30)

8 Publication Views

8.1 General

Master corporate feature classes/datasets maintained in the edit database (currently ORSOEDIT) are "published" to the user database (currently ORSOVCTR) 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 (ORSOEDIT) data whenever necessary.

8.2 Treatments Publication

Two treatment publication datasets (one for internal, one for external) are provided that meet the following requirements:

- The file geodatabases for the publication datasets are named: treatment_pub.gdb (internal) and treatment_pub_web.gdb (external/public).
- The treatments publication dataset only includes the treatments feature classes. It does not include the forestry related tables.
- The national Vegetation Management Action Portal (VMAP) data will be combined with the OR/WA treatment data in the publication datasets. The VMAP data structure is converted to the OR/WA data structure. See section 8.3 for more information on this crosswalk.
- Two new fields will be added to the publication datasets.
    - VMAP_TRT_ID (Long Integer) will contain the unique identifier for the treatment in the national Vegetation Management Action Portal database so that the record can be tracked back to the original VMAP dataset. This field will only be populated for records coming from VMAP.
    - PROGRAM (String, 30) will contain the program associated with the record.
- The existing treatment feature classes only include completed treatments (TRT_STATUS = 'COMPLETED').
- Features that exist in the OR/WA dataset and the VMAP dataset will be removed from the publication datasets (NATL_FLAG = 'Duplicate').
- Seven new feature classes are created for proposed treatments (TRT_STATUS <> 'Completed'). They will be named TRT_BIO_P_POLY, TRT_BURN_P_POLY, TRT_CHEM_P_POLY, TRT_HARV_P_POLY, TRT_MECH_P_POLY, TRT_PROT_P_POLY, and TRT_REVEG_P_POLY.
- VERSION_NAME, CREATE_BY, CREATE_DATE, MODIFY_BY, and MODIFY_DATE fields are removed from all datasets for privacy reasons.
- See section 8.3 for additional requirements for TRT_CHEM_POLY and TRT_MECH_POLY.

The following requirements apply to the external public dataset only:

- Only completed treatments will be included in the public dataset. *_P_POLY feature classes will not be provided to the public because they may never happen or may happen with a very different extent.

- CLASSIFIER and COMMENTS fields will be removed from all public datasets.

For analysis purposes, a publication feature class that is a GIS union of the seven feature classes may be provided (or can be created by the user). However, for simple map display and query, group layer files are sufficient and will be provided. Layer files will be created to reduce the number of repeated attributes and symbolized to help see overlapping treatments.

8.2.1 Program Area

A new field, PROGRAM_AREA (String, 30), will be added to all treatment publication feature classes. The field is populated using the following rules:

Code	Description
ESR ORWA	Query on ORWA data (already have the query from NATL_FLAG exercise)
ESR Import	Query on VMAP data
ESR VMAP	Query on VMAP data
Fuels ORWA	Query on ORWA data If NFPORS is Not Null and Program is Not ESR%
Forestry ORWA	Query on ORWA FRST_TRT=Y
Invasive Species Import	Query on VMAP data
Invasive Species VMAP	Query on VMAP data
Range Improvement ORWA	Query on ORWA If RIPSKEY is Not Null

IF PRJCT_NM LIKE "NISIMS Import%"
PROGRAM = "Invasive Species Import"

ELIF NOT PRJCT_NM LIKE "NISIMS Import%" AND REASON IN("Invasives Control", "Forest Regeneration", "Fuels Reduction", "Habitat For Threatened Species", "Epidemic Insects/Disease Cntrl") AND NOT FBMS_SBACTVTY_CD IN("LF2200000", "LF3200000") AND NOT INITIATIVE = "ESR" AND NOT ((Acres_Alb >= 99.6 AND Acres_Alb <= 100.0701) AND NOT Shape.STLength() >= 0.026)
PROGRAM = 'Invasive Species VMAP"

ELIF TRT_DATE <= 20201231 AND ((SBACTVTY_CD IN("LF2200000", "LF3200000", "LF3210000") OR REASON = "Fire Rehab") OR (Acres_Alb >= 99.6 AND Acres_Alb <= 100.0701))
PROGRAM = ESR Import

ELIF TRT_DATE >= 20210101 AND (SBACTVTY_CD IN("LF2200000", "LF3200000", "LF3210000") OR REASON = "Fire Rehab")
PROGRAM = ESR VMAP

ELSE
PROGRAM = "Invasive Species VMAP"

8.2.2 Chemical Treatment Fields

Additional fields are also added to the CHEM_POLY and CHEM_P_POLY feature classes to support additional chemicals downloaded from VMAP. Additional fields are added to CHEM_POLY, CHEM_P_POLY, MECH_POLY, and MECH_P_POLY to support additional weed target and phenology data downloaded from VMAP. These fields are only filled out for VMAP treatments and do not appear in the OR/WA CHEM_POLY

treatments feature class.

Table 2 TRT_CHEM_POLY Chemical Treatments Publication Dataset Additional Fields

Attribute	Type	Description
CHEM4	String (20)	Name of the fourth chemical used, if any.
CHEM4_BRAND	String (40)	Brand (trade) name of the fourth chemical used, if any.
CHEM4_EPA	String (20)	The EPA registration number for the fourth chemical used, if any.
CHEM4_QTY	Double	Quantity of fourth chemical used, if any. Attribute CHEM4_UNIT provides the units.
CHEM4_UNIT	String (20)	Units of measurement used for the quantity found in CHEM4_QTY.
CHEM4_AE_AC_LBS	Double	Pounds of Acid Equivalent Per Acre for the fourth chemical, if any. VMAP values are used unless the value is null, if then it is calculated.
CHEM4_AP_AE_LBS	Double	Total applied pounds Acid Equivalent for the fourth chemical, if any. VMAP values are used unless the value is null, if then it is calculated.
CHEM5	String (20)	Name of the fifth chemical used, if any.
CHEM5_BRAND	String (40)	Brand (trade) name of the fifth chemical used, if any.
CHEM5_EPA	String (20)	The EPA registration number for the fifth chemical used, if any.
CHEM5_QTY	Double	Quantity of fifth chemical used, if any. Attribute CHEM5_UNIT provides the units.
CHEM5_UNIT	String (20)	Units of measurement used for the quantity found in CHEM5_QTY.
CHEM5_AE_AC_LBS	Double	Pounds of Acid Equivalent Per Acre for the fifth chemical, if any. VMAP values are used unless the value is null, if then it is calculated.
CHEM5_AP_AE_LBS	Double	Total applied pounds Acid Equivalent for the fifth chemical, if any. VMAP values are used unless the value is null, if then it is calculated.
WEED_TARG4	String (8)	Fourth target weed species of the vegetation treatment, if any.
WEED_TARG5	String (8)	Fifth target weed species of the vegetation treatment, if any.
PHENOLOGY1	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG1.
PHENOLOGY2	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG2
PHENOLOGY3	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG3.
PHENOLOGY4	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG4.
PHENOLOGY5	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG5.

EQUIP_CAL_RT_NM	String (15)	Gallons/Ounces/Pints/Pounds/Quarts per acre tank mix rate for chemical application.

Table 3 TRT_MECH_POLY Mechanical Treatments Publication Dataset Additional Fields

Attribute	Type	Description
WEED_TARG4	String (8)	Fourth target weed species of the vegetation treatment, if any.
WEED_TARG5	String (8)	Fifth target weed species of the vegetation treatment, if any.
PHENOLOGY1	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG1.
PHENOLOGY2	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG2
PHENOLOGY3	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG3.
PHENOLOGY4	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG4.
PHENOLOGY5	String (30)	Phenological stage (or stages) of the plant being treated for WEED_TARG5.

8.3 Forestry Treatments Publication

An internal publication dataset is provided that meet the following requirements:

- The forestry treatments publication dataset only treatments (FIRST_TRT = Y) and includes the related table data.
- VERSION_NAME, CREATE_BY, CREATE_DATE, MODIFY_BY, and MODIFY_DATE fields are removed from all datasets for privacy reasons.
- The file geodatabase for the publication datasets is named: forest_MicroStorms_pub.gdb.
- This dataset is not available for public download.

Datasets in the publication dataset are described in the tables below.

8.3.1 MS_BURN_PUB_POLY

This publication data combines data from TRT_BURN_POLY and TRT_FRST_CNTRCT_TBL into a single polygon feature class.

In addition to the TRT_BURN_POLY attributes, the following attributes are appended to the feature class.

Table 4 MS_BURN_PUB_POLY Forestry Burn Treatments Publication Dataset Additional Fields

Attribute	Source
STATE	The BLM State Office derived from TRT_BURN_POLY BLM_ORG_CD.
DISTRICT	The BLM District derived from TRT_BURN_POLY BLM_ORG_CD.
FIELD_OFFICE	The BLM Field Office derived from TRT_BURN_POLY BLM_ORG_CD.
TASKORDER	TRT_FRST_CNTRCT_TBL TASKORDER

CT_ITEM	TRT_FRST_CNTRCT_TBL CT_ITEM
CT_ITEMNAME	TRT_FRST_CNTRCT_TBL CT_ITEMNAME
COST_AC	TRT_FRST_CNTRCT_TBL COST_AC
MATERIALCOST_AC	TRT_FRST_CNTRCT_TBL MATERIALCOST_AC
CT_COMP	TRT_FRST_CNTRCT_TBL CT_COMP
TRT_COST	If TRT_FRST_CNTRCT_TBL COST_AC is not empty (null) then COST_AC is multiplied by TRT_ACRES and rounded to two decimal places. Else, EST_COST_AC is multiplied by TRT_BURN_POLY TRT_ACRES and rounded to two decimal places.

8.3.2 MS_CHEM_PUB_POLY

This publication data combines data from TRT_CHEM_POLY and TRT_FRST_CNTRCT_TBL into a single polygon feature class.

In addition to the TRT_CHEM_POLY attributes, the following attributes are appended to the feature class.

Table 5 MS_CHEM_PUB_POLY Forestry Chemical Treatments Publication Additional Dataset Fields

Attribute	Source
STATE	The BLM State Office derived from TRT_CHEM_POLY BLM_ORG_CD.
DISTRICT	The BLM District derived from TRT_CHEM_POLY BLM_ORG_CD.
FIELD_OFFICE	The BLM Field Office derived from TRT_CHEM_POLY BLM_ORG_CD.
TASKORDER	TRT_FRST_CNTRCT_TBL TASKORDER
CT_ITEM	TRT_FRST_CNTRCT_TBL CT_ITEM
CT_ITEMNAME	TRT_FRST_CNTRCT_TBL CT_ITEMNAME
COST_AC	TRT_FRST_CNTRCT_TBL COST_AC
MATERIALCOST_AC	TRT_FRST_CNTRCT_TBL MATERIALCOST_AC
CT_COMP	TRT_FRST_CNTRCT_TBL CT_COMP
TRT_COST	If TRT_FRST_CNTRCT_TBL COST_AC is not empty (null) then COST_AC is multiplied by TRT_ACRES and rounded to two decimal places. Else, EST_COST_AC is multiplied by TRT_CHEM_POLY TRT_ACRES and rounded to two decimal places.

8.3.3 MS_HARV_PUB_POLY

This publication data combines data from TRT_HARV_POLY and TRT_FRST_CNTRCT_TBL into a single polygon feature class.

In addition to the TRT_HARV_POLY attributes, the following attributes are appended to the feature class.

Table 6 MS_HARV_PUB_POLY Forestry Harvest Treatments Publication Dataset Additional Fields

Attribute	Source
STATE	The BLM State Office derived from TRT_HARV_POLY BLM_ORG_CD.

DISTRICT	The BLM District derived from TRT_HARV_POLY BLM_ORG_CD.
FIELD_OFFICE	The BLM Field Office/Resource Area derived from TRT_HARV_POLY BLM_ORG_CD.
TASKORDER	TRT_FRST_CNTRCT_TBL TASKORDER
CT_ITEM	TRT_FRST_CNTRCT_TBL CT_ITEM
CT_ITEMNAME	TRT_FRST_CNTRCT_TBL CT_ITEMNAME
COST_AC	TRT_FRST_CNTRCT_TBL COST_AC
MATERIALCOST_AC	TRT_FRST_CNTRCT_TBL MATERIALCOST_AC
CT_COMP	TRT_FRST_CNTRCT_TBL CT_COMP
TRT_COST	If TRT_FRST_CNTRCT_TBL COST_AC is not empty (null) then COST_AC is multiplied by TRT_ACRES and rounded to two decimal places. Else, EST_COST_AC is multiplied by TRT_HARV_POLY TRT_ACRES and rounded to two decimal places.

8.3.4 MS_HARV_PUB_SUM_TBL

This publication data summarizes TRT_HARV_POLY records.

Records are grouped by BLM_ORG_CD, TRT_NAME, UNIT_NUM, TRT_STATUS, TRT_FY, and HARV_RX.

Table 7 MS_HARV_PUB_SUM_TBL Forestry Harvest Treatments Summary Publication Dataset Additional Fields

Attribute	Source
BLM_ORG_CD	TRT_HARV_POLY BLM_ORG_CD
STATE	The BLM State Office derived from TRT_HARV_POLY BLM_ORG_CD.
DISTRICT	The BLM District derived from TRT_HARV_POLY BLM_ORG_CD.
FIELD_OFFICE	The BLM Field Office derived from TRT_HARV_POLY BLM_ORG_CD.
TRT_NAME	HARV_POLY TRT_NAME
UNIT_NUM	HARV_POLY UNIT_NUM
TRT_STATUS	HARV_POLY TRT_STATUS
GIS_ACRES_SUM	Total TRT_HARV_POLY GIS_ACRES for the grouped by records.
TRT_ACRES_SUM	Total TRT_HARV_POLY TRT_ACRES for the grouped by records.
TRT_FY	HARV_POLY TRT_FY
HARV_RX	HARV_POLY HARV_RX
RECORD_CNT	A count of the number of grouped records.

8.3.5 MS_MECH_PUB_POLY

This publication data combines data from TRT_MECH_POLY and TRT_FRST_CNTRCT_TBL into a single polygon feature class.

In addition to the TRT_MECH_POLY attributes, the following attributes are appended to the feature class.

Table 8 MS_MECH_PUB_POLY Forestry Mechanical Treatments Publication Dataset Additional Fields

Attribute	Source
STATE	The BLM State Office derived from TRT_MECH_POLY BLM_ORG_CD.
DISTRICT	The BLM District derived from TRT_MECH_POLY BLM_ORG_CD.
FIELD_OFFICE	The BLM Field Office derived from TRT_MECH_POLY BLM_ORG_CD.
TASKORDER	TRT_FRST_CNTRCT_TBL TASKORDER
CT_ITEM	TRT_FRST_CNTRCT_TBL CT_ITEM
CT_ITEMNAME	TRT_FRST_CNTRCT_TBL CT_ITEMNAME
COST_AC	TRT_FRST_CNTRCT_TBL COST_AC
MATERIALCOST_AC	TRT_FRST_CNTRCT_TBL MATERIALCOST_AC
CT_COMP	TRT_FRST_CNTRCT_TBL CT_COMP
TRT_COST	If TRT_FRST_CNTRCT_TBL COST_AC is not empty (null) then COST_AC is multiplied by TRT_ACRES and rounded to two decimal places. Else, EST_COST_AC is multiplied by TRT_MECH_POLY TRT_ACRES and rounded to two decimal places.

8.3.6 MS_PROT_PUB_POLY

This publication data combines data from TRT_PROT_POLY and TRT_FRST_CNTRCT_TBL into a single polygon feature class.

In addition to the TRT_PROT_POLY attributes, the following attributes are appended to the feature class.

Table 9 MS_PROT_PUB_POLY Forestry Protection Treatments Publication Dataset Additional Fields

Attribute	Source
STATE	The BLM State Office derived from TRT_PROT_POLY BLM_ORG_CD.
DISTRICT	The BLM District derived from TRT_PROT_POLY BLM_ORG_CD.
FIELD_OFFICE	The BLM Field Office derived from TRT_PROT_POLY BLM_ORG_CD.
TASKORDER	TRT_FRST_CNTRCT_TBL TASKORDER
CT_ITEM	TRT_FRST_CNTRCT_TBL CT_ITEM
CT_ITEMNAME	TRT_FRST_CNTRCT_TBL CT_ITEMNAME
COST_AC	TRT_FRST_CNTRCT_TBL COST_AC
MATERIALCOST_AC	TRT_FRST_CNTRCT_TBL MATERIALCOST_AC
CT_COMP	TRT_FRST_CNTRCT_TBL CT_COMP
TRT_COST	If TRT_FRST_CNTRCT_TBL COST_AC is not empty (null) then COST_AC is multiplied by TRT_ACRES and rounded to two decimal places. Else, EST_COST_AC is multiplied by TRT_PROT_POLY TRT_ACRES and rounded to two decimal places.

8.3.7 MS_REVEG_PUB_POLY

This publication data combines data from TRT_REVEG_POLY and TRT_FRST_CNTRCT_TBL into a single polygon feature class.

In addition to the TRT_REVEG_POLY attributes, the following attributes are appended to the feature class.

Table 10 MS_REVEG_PUB_POLY Forestry Revegetation Treatments Publication Dataset Additional Fields

Attribute	Source
STATE	The BLM State Office derived from TRT_REVEG_POLY BLM_ORG_CD.
DISTRICT	The BLM District derived from TRT_REVEG_POLY BLM_ORG_CD.
FIELD_OFFICE	The BLM Field Office derived from TRT_REVEG_POLY BLM_ORG_CD.
TASKORDER	TRT_FRST_CNTRCT_TBL TASKORDER
CT_ITEM	TRT_FRST_CNTRCT_TBL CT_ITEM
CT_ITEMNAME	TRT_FRST_CNTRCT_TBL CT_ITEMNAME
COST_AC	TRT_FRST_CNTRCT_TBL COST_AC
MATERIALCOST_AC	TRT_FRST_CNTRCT_TBL MATERIALCOST_AC
CT_COMP	TRT_FRST_CNTRCT_TBL CT_COMP
TRT_COST	If TRT_FRST_CNTRCT_TBL COST_AC is not empty (null) then COST_AC is multiplied by TRT_ACRES and rounded to two decimal places. Else, EST_COST_AC is multiplied by TRT_REVEG_POLY TRT_ACRES and rounded to two decimal places.

8.3.8 Other Forestry Tables

TRT_REVEG_PLNT_TBL, TRT_REVEG_PLTSTK_TBL, and TRT_TRG_SPCS_TBL are published as is without the VERSION_NAME, CREATE_BY, CREATE_DATE, MODIFY_BY, and MODIFY_DATE fields.

8.4 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 (General Guidance)

"Overlap" means there are potentially more than one feature in the same feature class that occupies the same space ("stacked" polygons). Depending on the query, acres will be double counted.

In this discussion, an area entity may consist of more than one polygon, and a line entity may consist of more than one arc. They would have multiple records in the spatial table (with identical attributes). Multi-part features are not allowed. Multi-part features are easily created inadvertently and not always easy to identify. If they are not consciously and consistently avoided, feature classes will end up with a mixture of single and multi-part features. Multi-part features can be more difficult to edit, query, and select, along with impacting overall performance.

Overlap is only allowed in the ODF in limited and controlled scenarios. In each case, the "cause" of the overlap (the attribute changes that "kick off" a new feature which may overlap an existing feature) is carefully defined and controlled. In other words, in feature classes that permit overlap for a change in spatial extent, there is always a new feature created which may overlap an existing feature, but in addition there are certain attribute(s) that will result in a new feature even if there is no spatial change. The feature classes (and the one feature dataset) that allow overlap, and the attributes that lead to a new, possibly overlapping feature, are described below.

9.1.1 Overlapping Polygons where polygons are a stand-alone feature class.

- No topology rules.
- Species Occurrence Group: These are distinct sites defined by species and time. A different species creates a new polygon which may overlap another site in whole or part. A change in time (new visit date) will create a new polygon if it is desired that the old spatial extent and date is retained (as historic). Additionally, for wildlife, a different season/type of use (e.g., winter range vs. spring breeding) will create new polygon that may overlap others. Examples: WEEDS_POLY, GB_FLORA_SITE.
- Survey Group: Within each feature class a new survey is created only for a new date. This group might also include proposed surveys in separate feature classes. Examples: GB_SURVEY, Archeological Survey (CULT_SURV).
- Treatment Activity Group: Within each feature class (BURN, HARV, MECH, CHEM, BIO, REVEG, PROT), an overlapping treatment area is created only for a new date, and sometimes for a different method (if it is not possible to SPLIT the treatment area by method and it is important to capture more than one method applied to the same area on the same day). This group also includes proposed treatments which could overlap existing treatments and have additional overlap created by different treatment alternatives.
- Recreation Site Polygons (RECSITE_POLY): An overlapping site polygon is created only for different name, type, or development level.
- Land Status Encumbrances Group: A new, possibly overlapping polygon is created for a new casefile number even if it is the same area. Examples: easement/ROW areas (ESMTROW_POLY) and land acquisitions/disposals (ACQ_DSP_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 option 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." 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 Theme Specific Guidance

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

9.3.1 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.

All Treatment Feature Classes (TRT_BIO_POLY, TRT_BURN_POLY, TRT_CHEM_POLY, TRT_HARV_POLY, TRT_MECH_POLY, TRT_PROT_POLY, TRT_REVEG_POLY):

- Fill TRT_GUID with a new GUID value on create.
- Fill BLM_ORG_CD on create, based on spatial location.
- Calculate GIS_ACRES on create or modify.
- If TRT_DATE is not the default, calculate the Fiscal Year (TRT_FY) from the date on modify.
- If CMT_FUND_DT is not null, calculate the Fiscal Year (CMT_FUND_DT_FY) from the date on modify.

- If CMT_FUND_DT is not null and CMT_FUND_DT_ACC is null, set CMT_FUND_DT_ACC to Day on modify.

TRT_BURN_POLY:

- If FRST_TRT = Y and REASON = Unknown and BURN_TYPE = Broadcast Burn, Machine Pile Burn, or Hand Pile Burn, REASON is set to Forest Regeneration.
- If FRST_TRT = Y and REASON = Unknown and BURN_TYPE = Fuels Reduction, REASON is set to Fuels Reduction.

TRT_CHEM_POLY:

- If FRST_TRT = Y and REASON = Unknown and CHEM_TYPE = Fertilizer, REASON is set to Forest Stand.

TRT_HARV_POLY:

- If FRST_TRT = Y and TRT_STATUS = Proposed or Active and TRT_TARG is null, set TRT_TARG to Conifers.
- If FRST_TRT = Y and TRT_STATUS = Proposed or Active and REASON = Unknown, set REASON to Forest Stand.
- If FRST_TRT = Y and TRT_STATUS is changed to Deferred, set HARV_METH to Unknown, WORKAGENT to Unknown, REASON to null, REASON2 to null, and TRT_TARG to null.
- If FRST_TRT = Y and HARV_RX is changed to Retain_Regeneration, Retain_SelectionCut, Retain_Thin, or Retain_VariableDensityThin, set HARV_METH to null, REASON to null, REASON2 to null, and TRT_TARG to null.

TRT_MECH_POLY

- If FRST_TRT = Y and TRT_STATUS is Proposed and MECH_TYPE = Girdling or PreComm Thin and REASON = Unknown, set REASON to Forest Stand.
- If FRST_TRT = Y and TRT_STATUS is Proposed and MECH_TYPE = Girdling or PreComm Thin and MECH_METH is null, set MECH_METH to Chainsaw.
- If FRST_TRT = Y and TRT_STATUS is Proposed and MECH_TYPE = Hardwood/ShrubCut and REASON = Unknown, set REASON to Forest Regeneration.
- If FRST_TRT = Y and TRT_STATUS is Proposed and MECH_TYPE = Hardwood/ShrubCut and MECH_METH is null, set MECH_METH to Chainsaw.
- If FRST_TRT = Y and TRT_STATUS is Proposed and MECH_TYPE = Piling and MECH_METH = Machine-Unspecified, Manual-Handtools, Manual-Mechanized, Bulldozer, Feller/Buncher, or Skidder/Yard and REASON = Unknown, set REASON to Forest Regeneration.
- If FRST_TRT = Y and TRT_STATUS is Proposed and MECH_TYPE = Pruning and REASON = Unknown, set REASON to Forest Stand.
- If FRST_TRT = Y and TRT_STATUS is Proposed and MECH_TYPE = Scarification and REASON = Unknown, set REASON to Forest Regeneration.

TRT_PROT_POLY:

- If FRST_TRT = Y and REASON = Unknown, set REASON to Forest Regeneration.
- If FRST_TRT = Y and TRT_STATUS = Proposed and TRT_TARG is null, set TRT_TARG to Conifers.

TRT_REVEG_POLY:

- If FRST_TRT = Y and TRT_STATUS = Proposed and TRT_TARG is null, set TRT_TARG to Conifers.
- If FRST_TRT = Y and REVEG_TYPE = Tree Seeding-Artificial and TRT_STATUS = Proposed and REASON is Unknown, set REASON to Forest Regeneration.
- If FRST_TRT = Y and REVEG_TYPE = Tree Seeding-Artificial and TRT_STATUS = Proposed and PLT_CLASS is null, set PLT_CLASS to SI.
- If FRST_TRT = Y and REVEG_TYPE = Tree Seeding-Natural and TRT_STATUS = Proposed and REASON is Unknown, set REASON to Forest Regeneration.
- If FRST_TRT = Y and REVEG_TYPE = Tree Seeding-Natural and TRT_STATUS = Proposed and PLT_CLASS is null, set PLT_CLASS to SI.
- If FRST_TRT = Y and REVEG_TYPE = Seeding and TRT_STATUS = Proposed and REVEG_METH = Unknown, set REVEG_METH to Manual-Seed.
- If FRST_TRT = Y and REVEG_TYPE = Seeding and TRT_STATUS = Proposed and TRT_TARG is null or Conifers, set TRT_TARG to Mixed Grass.
- If FRST_TRT = Y and REVEG_TYPE = Seeding and TRT_STATUS = Proposed and REASON = Unknown, set REASON = Slope Stability.
- If FRST_TRT = Y and REVEG_TYPE = Seeding and TRT_STATUS = Proposed and PLT_CLASS is null, set PLT_CLASS to SI.
- If FRST_TRT = Y and REVEG_TYPE = Tree Planting and TRT_STATUS = Proposed and REVEG_METH = Unknown, set REVEG_METH to Manual-Bare Root.
- If FRST_TRT = Y and REVEG_TYPE = Tree Planting and TRT_STATUS = Proposed and REASON = Unknown, set REASON = Forest Regeneration.
- If FRST_TRT = Y and REVEG_TYPE = Tree Planting and TRT_STATUS = Proposed and PLT_CLASS is null, set PLT_CLASS to IN.

TRT_FRST_CNTRCT_TBL:

- Fill CT_GUID with a new GUID value on create.

TRT_REVEG_PLNT_TBL:

- There are no calculation rules for this table.

TRT_REVEG_PLTSTK_TBL

- There are no calculation rules for this table.

TRT_TRG_SPCS_TBL:

- Fill TS_GUID with a new GUID value on create.

9.3.2 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.

TRT_BIO_POLY:

- There are no constraint rules for TRT_BIO_POLY.

TRT_BURN_POLY:

- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, PLANID is required.
- If FRST_TRT = Y and TRT_FY >= 2019, BUDGET_CD is required.
- If FRST_TRT = Y and TRT_FY >= 2019, PE_CD is required.
- If FRST_TRT = Y, TRT_ACRES is required.
- If FRST_TRT = Y, TRT_ACRES must be greater than 0.1.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTID is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTOR is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, the treatment must have a related record in TRT_FRST_CNTRCT_TBL. This check is performed on version check-in.
- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y and TRT_FY >=2018 and TRT_STATUS is Active or Completed, BURN_TYPE of No Action is not allowed.
- If FRST_TRT = Y and TRT_FY >=2018 and TRT_STATUS is Active or Completed, BURN_TYPE of Pile Burn is not allowed.
- If FRST_TRT = Y and TRT_FY >=2018 and TRT_STATUS is Active or Completed, BURN_TYPE of Unknown is not allowed.
- If FRST_TRT = Y and TRT_FY >=2019, WORKAGENT value of Unknown is not allowed.

TRT_CHEM_POLY:

- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, PLANID is required.
- If FRST_TRT = Y, TRT_ACRES is required.
- If FRST_TRT = Y, TRT_ACRES must be greater than 0.1.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTID is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTOR is required.

- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, the treatment must have a related record in TRT_FRST_CNTRCT_TBL. This check is performed on version check-in.
- If FRST_TRT = Y, CHEM_METH is required.
- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.

TRT_HARV_POLY:

- If FRST_TRT = Y and TRT_FY >= 2019, BUDGET_CD is required.
- If FRST_TRT = Y and TRT_FY >= 2019, PE_CD is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, TRT_ACRES is required.
- If FRST_TRT = Y and TRT_STATUS <> Deferred, TRT_ACRES must be greater than 0.1.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTID is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTOR is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, the treatment must have a related record in TRT_FRST_CNTRCT_TBL. This check is performed on version check-in.
- If FRST_TRT = Y and TRT_STATUS <> Deferred and HARV_RX <> Retain_Regeneration, Retain_SelectionCut, Retain_Thin, or Retain_VariableDensityThin, HARV_METH is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, HARV_RX is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, one of the following fields must be completed: RX_AVG_BA, RX_AVG_TPA, or RX_RD.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, AVG_MBF_AC is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and TRT_DATE >=6/1/2015, SALE_DATE is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and TRT_DATE >=6/1/2015, SALE_FY is required.

TRT_MECH_POLY:

- If MECH_TYPE = Unknown, the edit version may not be submitted. This value is only to support data entry.
- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, PLANID is required.
- If FRST_TRT = Y and TRT_FY >= 2019, BUDGET_CD is required.
- If FRST_TRT = Y and TRT_FY >= 2019, PE_CD is required.
- If FRST_TRT = Y, TRT_ACRES is required.
- If FRST_TRT = Y, TRT_ACRES must be greater than 0.1.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service

Contract, Stewardship, or Purchase Order, CONTRACTID is required.

- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTOR is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, the treatment must have a related record in TRT_FRST_CNTRCT_TBL. This check is performed on version check-in.
- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y, MECH_METH is required.
- If FRST_TRT = Y and MECH_TYPE = PreComm Thin, PCT_SP is required.
- If FRST_TRT = Y and MECH_TYPE = Pruning, PRU_LIFT is required.
- If FRST_TRT = Y and MECH_TYPE = Pruning, PRU_LEN is required.
- If FRST_TRT = Y and TRT_FY >=2019, WORKAGENT value of Unknown is not allowed.

TRT_PROT_POLY:

- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, PLANID is required.
- If FRST_TRT = Y and TRT_FY >= 2019, BUDGET_CD is required.
- If FRST_TRT = Y and TRT_FY >= 2019, PE_CD is required.
- If FRST_TRT = Y, TRT_ACRES is required.
- If FRST_TRT = Y, TRT_ACRES must be greater than 0.1.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTID is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTOR is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, the treatment must have a related record in TRT_FRST_CNTRCT_TBL. This check is performed on version check-in.
- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y and TRT_FY >=2019, WORKAGENT value of Unknown is not allowed.
- If FRST_TRT = Y and TRT_FY >=2018 and TRT_STATUS = Active or Completed, PROT_TYPE value of Unknown is not allowed.

TRT_REVEG_POLY:

- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed, PLANID is required.
- If FRST_TRT = Y and TRT_FY >= 2019, BUDGET_CD is required.
- If FRST_TRT = Y and TRT_FY >= 2019, PE_CD is required.
- If FRST_TRT = Y, TRT_ACRES is required.

- If FRST_TRT = Y, TRT_ACRES must be greater than 0.1.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTID is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, CONTRACTOR is required.
- If FRST_TRT = Y and TRT_STATUS = Active or Completed and Workagent = IDIQ Contract, Service Contract, Stewardship, or Purchase Order, the treatment must have a related record in TRT_FRST_CNTRCT_TBL. This check is performed on version check-in.
- If FRST_TRT = Y and TRT_STATUS <> Deferred, EST_COST_AC is required.
- If FRST_TRT = Y and TRT_STATUS = Completed, PLT_CLASS is required.
- If FRST_TRT = Y and TRT_STATUS = Completed, PLT_SPACE is required.
- If FRST_TRT = Y and TRT_FY >=2019, WORKAGENT value of Unknown is not allowed.
- If FRST_TRT = Y and REVEG_TYPE = Tree Seeding-Artificial, REVEG_METH must be Aerial, Broadcast, or Manual Seed.

TRT_FRST_CNTRCT_TBL:

- If the associated Treatment Workagent = IDIQ Contract and the TRT_FY >= 2015, TASKORDER is required.
- FY_START must be in the format YYYY.

TRT_REVEG_PLNT_TBL:

- If the associated Treatment REVEG_TYPE = Tree Planting and the TRT_STATUS = Active or Completed, STK_TOT_TREES is required.
- If the associated Treatment REVEG_TYPE = Tree Seeding-Artificial and the TRT_STATUS = Active or Completed, SD_TOT_LBS is required.

TRT_REVEG_PLTSTK_TBL:

- A value may only be entered into one of these fields: PLTSTK_SDZN_1966, PLTSTK_SDZN_1996, PLTSTK_BLM_BU, PLTSTK_COOP_BU, PLTSTK_CONSOL_BU. If a value is entered into one of the fields, the others must be null.
- A TRT_REVEG_PLTSTK_TBL record may not be deleted if it has been assigned to a record in the TRT_REVEG_PLNT_TBL.
- Duplicate PLTSTK_ID records may not be entered for a district. This check is performed on version check-in.

TRT_TRG_SPCS_TBL

- There are no constraint data rules for this table.

10 Abbreviations and Acronyms

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

Table 11 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
FOIVEG	Forest Operations Inventory
GIS	Geographic Information System
GNIS	Geographic Names Information System
GPS	Global Positioning System
GTRN	Ground Transportation GIS dataset
IDP	Interdisciplinary
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
VMAP	Vegetation Management Action Portal
WEB	Worldwide Web (internet)

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_BIO_AGENT

The Biological Agent Code refers to a specific agent used in biological treatments. This is a lengthy list of domain values. The domain is available at the following web location: https://www.blm.gov/site-page/oregon-data-management.

A.2 dom_BIO_TYPE

Biological Type Code. General type or phase of biological treatment.

Code	Description
Arachnid	Arachnid - Release area
Grazing	Grazing - Foraging animals release area
Insect-Collect	Insect-Collect - Biological agent collected
Insect-Discover	Insect-Discover - Biological agent discovered
Insect-Monitor	Insect-Monitor - Monitoring of biological agent
Insect-Release	Insect-Release - Biological agent released
Monitor	Monitor - Previously treated area
Nematodes	Nematodes - Release area
Pathogen	Pathogen - Release area
Unknown	Unknown

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_BURN_TYPE

Burn Type Code. Type of prescribed fire treatment.

Code	Description
Broadcast Burn	Broadcast Burn
Fire Use	Fire Use
Hand Pile Burn	Hand Pile Burn

Code	Description
Jackpot Burn	Jackpot Burn
Machine Pile Burn	Machine Pile Burn
No Action	No Action
Pile Burn	Pile Burn - (Not a valid choice for new data, use Machine Pile or Hand Pile)
Underburn	Underburn
Unknown	Unknown

A.5 dom_CHEM_BRAND

The Chemical Brand Name refers to the brand (trade) name of the chemical used. This is a lengthy list of domain values. The domain is available at the following web location: https://gis.blm.gov/ORDownload/Domains/dom_CHEM_BRAND.xls.

A.6 dom_CHEM_EPA

Chemical EPA Registration Number. EPA registration number for the chemical used.

Code	Description
2217-703	2217-703
228-145	228-145
228-365	228-365
228-379	228-379
241-365	241-365
264-2	264-2
34704-120	34704-120
34704-125	34704-125
34704-803	34704-803
34704-861	34704-861
352-505	352-505
352-645	352-645
352-654	352-654
400-461	400-461
524-454	524-454
524-475	524-475
524-512	524-512
55947-1	55947-1
55947-20-228	55947-20-228
5905-549	5905-549

Code	Description
5905-576	5905-576
62719-259	62719-259
62719-324	62719-324
62719-37	62719-37
62719-519	62719-519
62719-6	62719-6
67760-49-7401	67760-49-7401
71368-1	71368-1
71368-11	71368-11
71368-14	71368-14
71368-34	71368-34
7969-137	7969-137
Not Applicable	Not Applicable
Unknown	Unknown

A.7 dom_CHEM_FORM

Chemical Form Code. The form of the chemical that was applied.

Code	Description
Liquid	Liquid
Prill	Prill
Granule	Granule
Pellet	Pellet
Fert-Packs	Fert-Packs
No Data	No Data

A.8 dom_CHEM_METH

Chemical Delivery Method Type Code. Specific delivery methods of chemical treatment.

Code	Description
Aerial	Aerial - Choose Fixed-Wing or Helicopter if known
ATV	ATV
Backpack	Backpack
Fixed-Wing	Fixed-Wing
Hack-Squirt	Hack-Squirt
Handtools	Handtools

Code	Description
Helicopter	Helicopter
Horseback	Horseback
Truck	Truck
UTV	UTV

A.9 dom_CHEM_TYPE

Chemical Treatment Type Code. General type of chemical treatment. This domain is partially aligned with the VMAP_DOM_CHEM_CNTL_AGENT_TP_NM domain.

Code	Description
Biopesticide	Biopesticide
Fertilizer	Fertilizer
Fungicide	Fungicide
Herbicide	Herbicide
Insecticide	Insecticide
Monitor	Monitor
NA	Not Applicable
Organic	Organic
Pesticide	Pesticide
Piscicide	Piscicide
Rodenticide	Rodenticide

A.10 dom_CHEM_UOM

Chemical Agent Unit of Measure Code. The chemical agent unit of measure.

Code	Description
Fluid Ounces	Fluid Ounces
Pints	Pints
Quarts	Quarts
Gallons	Gallons
Ounces	Ounces
Pounds	Pounds
Grams	Grams
Liters	Liters
Milliliters	Milliliters
% Solution	% Solution

A.11 dom_CHEMICAL

Chemical Name. Name of the chemical used.

Code	Description
2-4-Damine	2-4-Damine
2-4-Dester	2-4-Dester
2,4-D	2,4-D
Aminopyralid	Aminopyralid
Borax	Borax - Sodium Tetraborate Decahydrate
Bromacil	Bromacil
Chlorsulfuron	Chlorsulfuron
Clopyralid	Clopyralid
Dicamba	Dicamba
Diflubenzuron	Diflubenzuron
Diuron	Diuron
Glyphosate	Glyphosate
Imazapic	Imazapic
Imazapyr	Imazapyr
Metsulfuron	Metsulfuron
Metsulfuron methyl	Metsulfuron methyl
Not Applicable	Not Applicable
Picloram	Picloram
Rimsulfuron	Rimsulfuron
Sulfometuron methyl	Sulfometuron methyl
Triclopyr	Triclopyr
Unknown	Unknown

A.12 dom_COORD_SRC

Coordinate Source Code. The source of the geographic coordinates (lines, points, polygons).

Code	Description
CADNSDI	CADNSDI - Lines from or snapped to the CADNSDI dataset
CFF	CFF - Lines duplicated or buffered from Cartographic Feature Files (USFS)
DEM	DEM - Digital Elevation Model (30m 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 Geographic Coordinate Database Points
GPS	GPS - Lines 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.13 dom_DILUENT_TYPE

Diluent Type Code. The chemical component carrier type name. Inherited from the VMAP database. This domain is partially aligned with the VMAP_DOM_DILUENT_TYPE domain.

Code	Description
None	None
Oil	Oil
RTU	RTU - Ready to Use
Water	Water
Water and Oil	Water and Oil

A.14 dom_DT_ACC

Date Accuracy Code. Describes the accuracy of a date field.

Code	Description
Day	Day - Only the exact day, month, and year is known.
Month	Month - Only the exact month and year is known.
Year	Year - Only the exact year is known.
Unknown	Unknown - The accuracy of the date is unknown

A.15 dom_FOI_BA

FOI Range Basal Area. Range domain where the allowable values are 0 to 999.

A.16 dom_FOI_SPECIES_ALL

FOI All Tree and Understory Species Code.

This is a lengthy domain. For the full list of values go to:
https://gis.blm.gov/ORDownload/Domains/dom_FOI_SPECIES_ALL.xlsx

A.17 dom_FOI_TPA

FOI Range Trees per acre. Range domain where the allowable values are 0 to 9999.

A.18 dom_HARV_METH

Harvest Yarding System Method Code. Mechanical method (yarding system) by which a forest stand is logged.

Code	Description
Cable	Cable - Cable yarding system
Cable/Ground	Cable/Ground - Yarding system combination of Cable and Ground based
Cable/Ground/Heli	Cable/Ground/Heli - Yarding system combination of Cable, Ground based and Helicopter
Cable/Heli	Cable/Heli - Yarding system combination of Cable and Helicopter
Ground	Ground - Ground based yarding system
Ground/Heli	Ground/Heli - Yarding system combination of Ground based and Helicopter
Heli	Heli - Helicopter yarding system
Manual-Handtools	Manual-Handtools - e.g. pick, shovel, hand cutters, hoe, pulaski, handsaw
Manual-Mechanized	Manual-Mechanized - Hand tools and/or chain saws or other mechanized, but hand-operated tools.
Unknown	Unknown

A.19 dom_HARV_RX

Harvest Prescription Code. Harvest prescription - forest treatment designed to change stand structure to meet management goals.

Code	Description
Clearcut	Clearcut - All target trees are removed
Patch Cut	Patch Cut - Regeneration; all or most tree removed; residual trees are either dispersed or in clumps less than half an acre; use only for openings less than 5 acres in size.

Code	Description
Regeneration	Regeneration - All or most trees removed; residual trees are either dispersed or in clumps less than half an acre; use only for openings 5 acres in size or greater.
Retain_Regeneration	Retain_Regeneration - The non-harvest areas within a larger treatment area that has a Regeneration silvicultural prescription
Retain_SelectionCut	Retain_SelectionCut - The non-harvest areas within a larger treatment area that has a SelectiveCut silvicultural prescription
Retain_Thin	Retain_Thin - The non-harvest areas within a larger treatment area that has a Thin silvicultural prescription
Retain_VariableDensityThin	Retain_VariableDensityThin - The non-harvest areas within a larger treatment area that has a VariableDensityThin silvicultural prescription
Selective Cut	Selective Cut - Individual trees selected for removal, including individual scatter dead, dying or down trees.
Thin	Thin - Trees removed to reduce density retaining homogeneous stand densities (less than 30% variance in basal area).
Unknown	Unknown - Harvest method is unknown
Variable Density Thin	Variable Density Thin - Trees removed to reduce density retaining variable stand densities (greater than 30% basal area variance).

A.20 dom_HARV_TYPE

Harvest Type Code. General type of harvest activity.

Code	Description
Biomass	Biomass - Removal of woody biomass
Commercial-Timber	Commercial-Timber
Woodcutting	Woodcutting - Domestic use

A.21 dom_INITIATIVE

Initiative Name. The initiative, priorities, or plan objective the activity falls under.

Code	Description
ARRA	ARRA - American Recovery and Reinvestment Act of 2009
BARR	BARR - Burned Area Rehabilitation and Restoration
CWPP	CWPP - Community Wildfire Protection Plan
CWWR	CWWR - Clean Water and Watershed Restoration
ESR	ESR - Emergency Stabilization and Rehabilitation
HFI	HFI - Healthy Forests Initiative
HFR	HFR - Hazardous Fuels Reduction
HLI	HLI - Healthy Lands Initiative
JFS	JFS - Joint Fire Science

Code	Description
PIPE	PIPE - Pipeline Initiative to aid timber sale readiness.
RCIS	RCIS - Recission Act
SRSA	SRSA - Secure Rural Schools Act
STEW	STEW - Stewardship Contracting
WUI	WUI - Wildland Urban Interface

A.22 dom_MECH_METH

Mechanical Method Code. Specific methods, tools, and materials used for mechanical (machine or manual) treatment.

Code	Description
Bulldozer	Bulldozer
Chaining	Chaining - Dragging heavy anchor chain by bulldozer
Chainsaw	Chainsaw
Disk/Plow	Disk/Plow
Feller/Buncher	Feller/Buncher
Forwarder	Forwarder
Grader	Grader
Helicopter	Helicopter
Machine-Unspecified	Machine-Unspecified
Manual-Handtools	Manual-Handtools - e.g. pick, shovel, hand cutters, hoe, pulaski, handsaw
Manual-Mechanized	Manual-Mechanized - Hand tools and/or chain saws or other mechanized, but hand-operated tools.
Masticator	Masticator
Monitor	Monitor
Mower-Riding	Mower-Riding
Ripper	Ripper
Scalper	Scalper
Skidder/Yarder	Skidder/Yarder
Trencher	Trencher
Unknown	Unknown
Yarder	Yarder

A.23 dom_MECH_TYPE

Mechanical Treatment Type Code. Type of mechanical (manual or machine) site treatment

Code	Description
Blading	Blading
Boiling Water	Boiling Water
Cableing	Cableing
Chaining	Chaining
Chipping	Chipping - Use of stationary machine for chipping small trees, limbs, and brush
Clearing	Clearing - Fire breaks or other land clearing
Crushing	Crushing - Breakup and compact dead woody material already on the ground
Cutting	Cutting - Severing trees and leaving on site
Designated No Treatment	Designated No Treatment - A designated no treatment area
Drilling	Drilling
Girdling	Girdling - Cutting the cambium and leaving tree standing
Gross Yarding	Gross Yarding - Removing all sub-merchantable material from unit
Hardwood/Shrub Cut	Hardwood/Shrub Cut - Severing hardwood trees and/or shrubs
Harrowing	Harrowing
Hoeing	Hoeing
Imprinting	Imprinting
Lop and Leave	Lop and Leave - Cutting woody or herbaceous vegetation
Lop and Scatter	Lop and Scatter - Cutting and spreading woody debris evenly over the ground
Mastication/Mowing	Mastication/Mowing - Chopping, grinding, or mowing live material by mechanical means
Monitor	Monitor - Treatment monitored for effectiveness
Piling	Piling - Creating piles from sub-merchantable material on site
Plowing	Plowing - Turning over or cultivating the soil, includes deep root plowing
PreComm Thin	PreComm Thin - Pre-Commercial Thin by severing trees
Pruning	Pruning - Removal of lower crown branches from live tree to improve wood quality
Pull/Dig/Wrench	Pull/Dig/Wrench - pulling, digging, or wrenching out vegetation
Raking	Raking
Scalping	Scalping
Scarification	Scarification - Mechanical soil preparation that does not include plowing
Stump Removal	Stump Removal - Removal of stumps by mechanical means
Unknown	Unknown - value must be corrected before edit version is submitted

A.24 dom_MIX_RATE

Chemical Mix Applied Rate Code. Gallons per acre tank mix rate for chemical application.

Code	Description
100G/A	100G/A - 100 gallons per acre
10G/A	10G/A - 10 gallons per acre
15G/A	15G/A - 15 gallons per acre
1G/A	1G/A - 1 gallon per acre
20G/A	20G/A - 20 gallons per acre
25G/A	25G/A - 25 gallons per acre
30G/A	30G/A - 30 gallons per acre
40G/A	40G/A - 40 gallons per acre
4G/A	4G/A - 4 gallons per acre
50G/A	50G/A - 50 gallons per acre
5G/A	5G/A - 5 gallons per acre
Other	Other - A different mix rate used

A.25 dom_NATL_FLAG

National Flag Code.

Code	Description
Duplicate	Duplicate - Records will be removed from the publication datasets
Partial Duplicate	Partial Duplicate - Records will be included in the publication datasets as a likely duplicate record
Potential Duplicate	Potential Duplicate - Records will be included in the publication datasets as a likely duplicate record
NA	NA - No national data source

A.26 dom_PCT100

Percentage (0-100). Range domain where the allowable values are 0 to 100.

A.27 dom_PHENOLOGY

Plant Phenology Code. Phenological stage (or stages) of the plant being treated with a biological agent.

Code	Description
Adult	Adult
Bareground	Bareground
Bolting	Bolting
Bud	Bud
Bud/Flowering	Bud/Flowering
Deaddormant	Deaddormant

Code	Description
Egg	Egg
Flowering	Flowering
Flowering/Seedset	Flowering/Seedset
Immature Stage	Immature Stage
Juvenile	Juvenile
Larva	Larva
Mature	Mature
Mature Stage	Mature Stage
Nymph	Nymph
Pre-Bud	Pre-Bud
Pupa	Pupa
Reproductive Stage	Reproductive Stage
Rosette	Rosette
Rosette/Bolting	Rosette/Bolting
Rosette/Deaddormant	Rosette/Deaddormant
Rosette/Flowering	Rosette/Flowering
Scenescent	Scenescent
Seedling	Seedling
Seedling/Rosette	Seedling/Rosette
Seedling/Seedset	Seedling/Seedset
Seedset	Seedset
Spore Stage	Spore Stage
Vegetative	Vegetative
Vegetative Stage	Vegetative Stage

A.28 dom_PLANID

Plan Name Text. The Plan Name Text refers to the official name for the plan or project. This is a lengthy list of domain values. The domain is available at the following web location: https://www.blm.gov/site-page/oregon-data-management

A.29 dom_PLANT_CLASS

Revegetation Planting Class Code. Forestry revegetation planting class.

Code	Description
Initial Planting	Initial Planting
Initial Under Planting	Initial Under Planting

Code	Description
Interplant Backlog	Interplant Backlog
Interplanting	Interplanting
No Data	No Data
Replant Under Planting	Replant Under Planting
Replanting	Replanting
Reseeding	Reseeding
Seeding Initial	Seeding Initial

A.30 dom_PLTSTK_1966_SDZN

Revegetation Planting Stock 1966 Seed Zone Code. Forestry revegetation planting stock 1966 seed zone.

Code	Description
011	011
012	012
030	030
041	041
042	042
051	051
052	052
053	053
061	061
062	062
071	071
072	072
081	081
082	082
090	090
201	201
202	202
211	211
212	212
221	221
222	222
231	231
232	232
240	240

Code	Description
251	251
252	252
261	261
262	262
270	270
321	321
401	401
402	402
403	403
411	411
412	412
421	421
422	422
430	430
440	440
451	451
452	452
461	461
462	462
463	463
471	471
472	472
481	481
482	482
483	483
491	491
493	493
501	501
502	502
511	511
512	512
600	600
611	611
612	612
613	613
614	614

Code	Description
621	621
622	622
631	631
641	641
642	642
651	651
652	652
653	653
661	661
662	662
671	671
672	672
673	673
674	674
675	675
681	681
682	682
690	690
701	701
702	702
703	703
711	711
712	712
713	713
721	721
722	722
731	731
751	751
801	801
802	802
803	803
804	804
811	811
812	812
813	813
821	821

Code	Description
822	822
830	830
841	841
842	842
851	851
852	852
853	853
861	861
862	862
863	863
871	871
872	872
881	881
882	882
883	883
891	891
892	892
901	901
902	902
911	911
912	912
921	921
922	922
930	930
941	941
942	942
943	943
952	952

A.31 dom_PLTSTK_1996_SDZN

Revegetation Planting Stock 1996 Seed Zone Code. Forestry revegetation planting stock 1996 seed zone.

Code	Description
A0	A0 - Pacific Silver Fir 0
A1	A1 - Pacific Silver Fir 1
A2	A2 - Pacific Silver Fir 2

Code	Description
CA0	CA0 - Cottonwood 0
CA1	CA1 - Cottonwood 1
CA2	CA2 - Cottonwood 2
CA3	CA3 - Cottonwood 3
CA4	CA4 - Cottonwood 4
CA5	CA5 - Cottonwood 5
CA6	CA6 - Cottonwood 6
D0	D0 - Douglas Fir 0
D1	D1 - Douglas Fir 1
D10	D10 - Douglas Fir 10
D11	D11 - Douglas Fir 11
D12	D12 - Douglas Fir 12
D13	D13 - Douglas Fir 13
D14	D14 - Douglas Fir 14
D15	D15 - Douglas Fir 15
D16	D16 - Douglas Fir 16
D2	D2 - Douglas Fir 2
D3	D3 - Douglas Fir 3
D4	D4 - Douglas Fir 4
D5	D5 - Douglas Fir 5
D6	D6 - Douglas Fir 6
D7	D7 - Douglas Fir 7
D8	D8 - Douglas Fir 8
D9	D9 - Douglas Fir 9
ES1	ES1 - Engelmann's Spruce 1
GF0	GF0 - Grand Fir 0
GF1	GF1 - Grand Fir 1
GF10	GF10 - Grand Fir 10
GF2	GF2 - Grand Fir 2
GF3	GF3 - Grand Fir 3
GF4	GF4 - Grand Fir 4
GF5	GF5 - Grand Fir 5
GF6	GF6 - Grand Fir 6
GF7	GF7 - Grand Fir 7
GF8	GF8 - Grand Fir 8
GF9	GF9 - Grand Fir 9

Code	Description
H0	H0 - Western Hemlock 0
H1	H1 - Western Hemlock 1
H2	H2 - Western Hemlock 2
H3	H3 - Western Hemlock 3
H4	H4 - Western Hemlock 4
H5	H5 - Western Hemlock 5
H6	H6 - Western Hemlock 6
H7	H7 - Western Hemlock 7
H8	H8 - Western Hemlock 8
IC0	IC0 - Incense Cedar 0
IC1	IC1 - Incense Cedar 1
IC2	IC2 - Incense Cedar 2
IC3	IC3 - Incense Cedar 3
IC4	IC4 - Incense Cedar 4
JP1	JP1 - Jeffrey Pine 1
LP0	LP0 - Lodgepole Pine 0
LP1	LP1 - Lodgepole Pine 1
LP2	LP2 - Lodgepole Pine 2
LP3	LP3 - Lodgepole Pine 3
NF0	NF0 - Noble Fir 0
NF1	NF1 - Noble Fir 1
NF2	NF2 - Noble Fir 2
NF3	NF3 - Noble Fir 3
NF4	NF4 - Noble Fir 4
OTH0	OTH0 - Basic Zones for Other Species 0
OTH1	OTH1 - Basic Zones for Other Species 1
OTH10	OTH10 - Basic Zones for Other Species 10
OTH2	OTH2 - Basic Zones for Other Species 2
OTH3	OTH3 - Basic Zones for Other Species 3
OTH4	OTH4 - Basic Zones for Other Species 4
OTH5	OTH5 - Basic Zones for Other Species 5
OTH6	OTH6 - Basic Zones for Other Species 6
OTH7	OTH7 - Basic Zones for Other Species 7
OTH8	OTH8 - Basic Zones for Other Species 8
OTH9	OTH9 - Basic Zones for Other Species 9
PY0	P0 - Pacific Yew 0

Code	Description
P0	P0 - Ponderosa Pine 0
PY1	P1 - Pacific Yew 1
P1	P1 - Ponderosa Pine 1
P10	P10 - Ponderosa Pine 10
P11	P11 - Ponderosa Pine 11
P12	P12 - Ponderosa Pine 12
P13	P13 - Ponderosa Pine 13
P14	P14 - Ponderosa Pine 14
P15	P15 - Ponderosa Pine 15
PY2	P2 - Pacific Yew 2
P2	P2 - Ponderosa Pine 2
PY3	P3 - Pacific Yew 3
PY4	P4 - Pacific Yew 4
PY5	P5 - Pacific Yew 5
PY6	P6 - Pacific Yew 6
P9	P9 - Ponderosa Pine 9
PC1	PC1 - Port Orford Cedar 1
PC2	PC2 - Port Orford Cedar 2
PC3	PC3 - Port Orford Cedar 3
PC4	PC4 - Port Orford Cedar 4
PC5	PC5 - Port Orford Cedar 5
PC6	PC6 - Port Orford Cedar 6
RA0	RA0 - Red Alder 0
RA1	RA1 - Red Alder 1
RA2	RA2 - Red Alder 2
RA3	RA3 - Red Alder 3
RA4	RA4 - Red Alder 4
RA5	RA5 - Red Alder 5
RA6	RA6 - Red Alder 6
RA7	RA7 - Red Alder 7
RA8	RA8 - Red Alder 8
RC0	RC0 - Western Red Cedar 0
RC1	RC1 - Western Red Cedar 1
RC2	RC2 - Western Red Cedar 2
RC3	RC3 - Western Red Cedar 3
RC4	RC4 - Western Red Cedar 4

Code	Description
S0	S0 - Sitka Spruce 0
S1	S1 - Sitka Spruce 1
S2	S2 - Sitka Spruce 2
S3	S3 - Sitka Spruce 3
S4	S4 - Sitka Spruce 4
SP0	SP0 - Sugar Pine 0
SP1	SP1 - Sugar Pine 1
SP2	SP2 - Sugar Pine 2
SP3	SP3 - Sugar Pine 3
SP4	SP4 - Sugar Pine 4
SP5	SP5 - Sugar Pine 5
SP6	Sugar Pine 6
SP7	SP7 - Sugar Pine 7
SP8	SP8 - Sugar Pine 8
SP9	SP9 - Sugar Pine 9
WP0	WP0 - Western White Pine 0
WP2	WP2 - Western White Pine 2
WP3	WP3 - Western White Pine 3
WP4	WP4 - Western White Pine 4
WP5	WP5 - Western White Pine 5
WP6	WP6 - Western White Pine 6
YC0	YC0 - Alaska Yellow Cedar 1
YC1	YC1 - Alaska Yellow Cedar 2
YC2	YC2 - Alaska Yellow Cedar 2

A.32 dom_PLTSTK_BLM_BU

Revegetation Planting Stock BLM Breeding Unit Code. Breeding Unit of seed used to reforest unit.

Code	Description
1-Coos Bay - Gold Beach 1	1-Coos Bay - Gold Beach 1
10-Salem-vernonia	10-Salem-vernonia
11-Salem-Nestucca	11-Salem-Nestucca
12-Salem-Dallas	12-Salem-Dallas
13-Salem-Alsea	13-Salem-Alsea
14-Roseburg and Eugene-Inland Coast	14-Roseburg and Eugene-Inland Coast
15-Roseburg and Coos Bay-Lower Umpqua	15-Roseburg and Coos Bay-Lower Umpqua

Code	Description
16-Coos Bay-Coquille Coastal	16-Coos Bay-Coquille Coastal
17-Coos Bay-Coquille Inland	17-Coos Bay-Coquille Inland
18-Roseburg and Coos Bay-Powers Inland	18-Roseburg and Coos Bay-Powers Inland
2-Coos Bay - Gold Beach 2	2-Coos Bay - Gold Beach 2
20-Roseburg and Medford-Riddle	20-Roseburg and Medford-Riddle
21-Medford-Marial Low	21-Medford-Marial Low
22-Medford-Marial High	22-Medford-Marial High
23-Roseburg and Medford-Grants Pass	23-Roseburg and Medford-Grants Pass
24-Medford-Cave Junction Low	24-Medford-Cave Junction Low
25-Medford-Cave Junction High	25-Medford-Cave Junction High
3-Gold Beach 3	3-Gold Beach 3
30-Salem-Molalla Low	30-Salem-Molalla Low
31-Salem-Molalla High	31-Salem-Molalla High
32-Salem-Santiam High	32-Salem-Santiam High
33-Salem-Santiam Low	33-Salem-Santiam Low
34-Eugene-South Willamette Valley	34-Eugene-South Willamette Valley
35-Eugene-McKenzie Low	35-Eugene-McKenzie Low
36-Eugene and Roseburg-McKenzie High	36-Eugene and Roseburg-McKenzie High
37-Roseburg-North Umpqua	37-Roseburg-North Umpqua
38-Roseburg-Tyee	38-Roseburg-Tyee
40-Roseburg and Medford-South Umpqua Low	40-Roseburg and Medford-South Umpqua Low
41-Roseburg and Medford-South Umpqua High	41-Roseburg and Medford-South Umpqua High
42-Medford-Evans Elk Low	42-Medford-Evans Elk Low
43-Medford-Evans Elk High	43-Medford-Evans Elk High
44-Medford-Butte Falls	44-Medford-Butte Falls
45-Medford-Dead Indian	45-Medford-Dead Indian
46-Medford-Jacksonville Low	46-Medford-Jacksonville Low
47-Medford-Jacksonville High	47-Medford-Jacksonville High

A.33 dom_PLTSTK_CONSOL_BU

Revegetation Planting Stock Consolidated Breeding Unit Code. Consolidated forest breeding units where seed was collected.

Code	Description
Central Cascades	Central Cascades
Central Coast	Central Coast

Code	Description
Elk Creek	Elk Creek
Jacksonville High	Jacksonville High
Medford Foothills	Medford Foothills
N Cascades High	N Cascades High
N Cascades Low	N Cascades Low
North Coast	North Coast
Siskiyou	Siskiyou
South Cascades High	South Cascades High
South Cascades Mid	South Cascades Mid
n/a	n/a

A.34 dom_PLTSTK_COOP_BU

Revegetation Planting Stock Cooperative Breeding Unit Code. Cooperative Breeding Unit of seed used to reforest unit.

Code	Description
Alsea	Alsea
BU_31	BU_31
BU_32	BU_32
Butte Falls	Butte Falls
Cave Junction	Cave Junction
Coast	Coast
Coquille_16	Coquille_16
Coquille_17	Coquille_17
Dead Indian	Dead Indian
Elkton	Elkton
Evans/Elk	Evans/Elk
Gold Beach	Gold Beach
Grants Pass	Grants Pass
Jacksonville	Jacksonville
Lorane	Lorane
Mapleton	Mapleton
Marial	Marial
Molalla	Molalla
Nestucca	Nestucca
North McKenzie	North McKenzie

Code	Description
North Umpqua	North Umpqua
Noti	Noti
Powers	Powers
Reedsport	Reedsport
Riddle	Riddle
Santiam	Santiam
South McKenzie	South McKenzie
South Umpqua	South Umpqua
Swisshome	Swisshome
Tyee	Tyee
Vernonia	Vernonia
Wells Creek	Wells Creek
Yamhill	Yamhill

A.35 dom_PLTSTK_GEN

Revegetation Planting Stock Genetics Code. Genetic quality of the seed used to reforest unit.

Code	Description
Audit Certified	Audit Certified
Identified, Known Off Site	Identified, Known Off Site
Identified, Susp. Off Site	Identified, Susp. Off Site
Naturally Regenerated	Naturally Regenerated
Seed Not Certified	Seed Not Certified
Select A, Female/Male Known	Select A, Female/Male Known
Select B, Female Known	Select B, Female Known
Sia-Personally Supervised	Sia-Personally Supervised
Sib-Procedurally Certified	Sib-Procedurally Certified
Source? Performance OK	Source? Performance OK
Source? Susp. Off Site	Source? Susp. Off Site
Tested, Parent Evaluated	Tested, Parent Evaluated

A.36 dom_PLTSTK_NURSERY

Revegetation Planting Stock Nursery Code. Nursery that originally grew the seed used to reforest unit.

Code	Description
Bend	Bend

Code	Description
Cal Forest	Cal Forest
Cascade Conifer	Cascade Conifer
Casso	Casso
Champion Timberlands, BR	Champion Timberlands, BR
Conifer (Reforestation Man Inc.)	Conifer (Reforestation Man Inc.)
Crown Zellerbach - Container	Crown Zellerbach - Container
Dean Creek	Dean Creek
Georgia Pacific Corp. - Container	Georgia Pacific Corp. - Container
Growth Unlimited Tree Farm Nursery - BR	Growth Unlimited Tree Farm Nursery - BR
Horning Seed Orchard	Horning Seed Orchard
Humboldt	Humboldt
IFA(Canby)	IFA(Canby)
IFA(Elkton)	IFA(Elkton)
IFA(K-Falls Greenhouse)	IFA(K-Falls Greenhouse)
IFA(McKinleyville)	IFA(McKinleyville)
IFA(Olympia)	IFA(Olympia)
IFA(Toledo)	IFA(Toledo)
International Paper - Bare Root	International Paper - Bare Root
International Paper - Container	International Paper - Container
Kesterson	Kesterson
Lava	Lava
Lewis River Reforestation - BR	Lewis River Reforestation - BR
Nw Ground Covers (Klamath Falls)	Nw Ground Covers (Klamath Falls)
Nw Ground Covers (Woodinville, WA)	Nw Ground Covers (Woodinville, WA)
Other	Other
Pacific Regeneration Technologies	Pacific Regeneration Technologies
Parsons & Son	Parsons & Son
Phipps (Elkton)	Phipps (Elkton)
Placerville	Placerville
Prindel Creek Farms, Inc.	Prindel Creek Farms, Inc.
Riverbrook	Riverbrook
Silva Seed	Silva Seed
Silver Mountain Nursery - BR	Silver Mountain Nursery - BR
Stone (USFS)	Stone (USFS)
Sylvan Options	Sylvan Options
Three Oaks	Three Oaks

Code	Description
Tyee	Tyee
View Crest	View Crest
Webster	Webster
West Fir (USFS)	West Fir (USFS)
Weyerhauser (Jefferson)	Weyerhauser (Jefferson)
Weyerhauser (Klamath Falls)	Weyerhauser (Klamath Falls)
Weyerhauser (Rochester)	Weyerhauser (Rochester)
Weyerhauser (Turner)	Weyerhauser (Turner)
Weyerhauser, BR (Aurora, OR)	Weyerhauser, BR (Aurora, OR)
Weyerhauser, BR (Mima, WA)	Weyerhauser, BR (Mima, WA)
Willamette Nursery (Parson & Sons) BR	Willamette Nursery (Parson & Sons) BR
Wind River	Wind River
Woodstock	Woodstock

A.37 dom_PLTSTK_TYPE

Revegetation Planting Stock Type Code. Description of Stock Type used to reforest unit.

Code	Description
1-0	Bare Root (1-0)
1-1	Bare Root (1-1)
1-2	Bare Root (1-2)
2	Bare Root (General)
2-0	Bare Root (2-0)
2-1	Bare Root (2-1)
2-2	Bare Root (2-2)
3-0	Bare Root (3-0)
CON	Containerized (General)
CON10L	Containerized (10 Cu In Leach Cell)
CON10S	Containerized (10 Cu. In. StyroBlock)
CON15S	Containerized (15 Cu. In. Styroblock)
CON2.5S	Containerized (2.5 Cu In Styro Block)
CON20S	Containerized (20 Cu. In. Styroblock)
CON27S	Containerized (27 Cu in. Styroblock)
CON30DP	Containerized (30 Cu In D-pot)
CON4L	Containerized (4 Cu In Leach Cell)
CON4S	Containerized (4 Cu In Styro Block)

Code	Description
CON5PC	Containerized (5 Cu In Paper Cell)
CON5S	Containerized (5 Cu. In. Styroblock)
CON7.4S	Containerized (7.4 Cu In Styroblock)
CON8.1S	Containerized (8.1 Cu In Styroblock)
CON8PC	Containerized (8 Cu In Paper Cell)
CON8S	Containerized (8 Cu In Styroblock)
CON9PP	Containerized (9 Cu In Pulp Pot)
P-1	Plug-1
P-2	Plug-2
QP1	QPlug+1
QP1.5	QPlug+1.5
QP2	QPlug+2
S-A	Aerial Seeding
S-N	Natural Seeding
S-P	Spot Seeding
S-U	Unspecified Seeding
UNSPECD	Unspecified

A.38 dom_PRIORITY

Priority Code.

Code	Description
High	High - High priority
Medium High	Medium High - Medium to high priority
Medium	Medium - Medium priority
Medium Low	Medium Low - Medium to low priority
Low	Low - Low priority

A.39 dom_PROT_TYPE

Protection Type Code. Type of treatment that protects the land surface or vegetation.

Code	Description
Baiting	Baiting
Bud Capping	Bud Capping
Fencing	Fencing
Mulching	Mulching - Apply protective mulch, netting or mat on soil

Code	Description
Netting-Install	Netting-Install
Netting-Maint	Netting-Maint
Pheromone Attractant	Pheromone Attractant
Pheromone Repellant	Pheromone Repellant
Protecting	Protecting
Ravel Cards-Install	Ravel Cards-Install
Ravel Cards-Maint	Ravel Cards-Maint
Repellent	Repellent
Shade Cards-Install	Shade Cards-Install
Shade Cards-Maint	Shade Cards-Maint
Shade Cards-Remove	Shade Cards-Remove
Trapping	Trapping
Tubing-Install	Tubing-Install - Tree protection
Tubing-Maint	Tubing-Maint - Tree protection
Tubing-Remove	Tubing-Remove
Unknown	Unknown

A.40 dom_REASON

Reason or Benefit Code. Reason for or benefit from an action.

Code	Description
Access	Access - Road rights limit ability to obtain legal access to certain units or portions of units.
Administration	Administration - Administration
Aspen	Aspen - Action protects or improves health of Aspen
Bald Eagle	Bald Eagle - Action benefits Bald Eagle
Biomass Value	Biomass Value - Commodity production
Birds-General	Birds-General - Habitat improve, restore or protect
Communication	Communication - Communication Towers and Relays
Contract Default/Buyback/other	Contract Default/Buyback/other
Cultural	Cultural - Protection of cultural resources
EDRR	EDRR - Early Detection Rapid Response
Epidemic Insects/Disease Cntrl	Epidemic Insects/Disease Cntrl
Fire Rehab	Fire Rehab - Restoration after fire
Fish-General	Fish-General - Habitat improve, restore or protect
Forest Regeneration	Forest Regeneration - Action to improve, restore, or protect the establishment of a forest stand.

Code	Description
Forest Stand	Forest Stand - Improve, restore or protect an established/accepted forest stand.
Fuels Reduction	Fuels Reduction - Ladder, Surface, Canopy
Green Tree Retention	Green Tree Retention - Retain trees to provide for various long-term ecological functions.
Human Safety	Human Safety - Health and safety measures
Invasives Control	Invasives Control - Remove or contain invasive species. Weed control must be entered into NISIMS first.
Livestock	Livestock - Commodity production
Log Value	Log Value - Commodity production
MAMU	MAMU - Marbled Murrelet habitat improve, restore, or protect.
Mineral Activity	Mineral Activity
Mngt Dec/Agreement/Settlement	Mngt Dec/Agreement/Settlement
NSO	NSO - Northern Spotted Owl habitat improve, restore, or protect.
Operations	Operations - Harvest operation limitations prevent reaching certain units or portions of units.
Post-Treat Cleanup	Post-Treat Cleanup - Pile, Burn
Pre-Treat Prep	Pre-Treat Prep - Soil/site preparation
Rangeland Veg	Rangeland Veg - Improve, restore or protect
Recreation Use	Recreation Use - Manage or enhance recreation use
Research	Research - Study area
Restore Forest Growth	Restore Forest Growth - Actions such as late precommercial thin to improve growth of a forest stand.
Riparian Veg	Riparian Veg - Improve, restore or protect
Road Access Restriction	Road Access Restriction - Road or Trail closure or blockage
Sage-grouse	Sage-grouse - Action benefits Sage-grouse
Salvage Harvest	Salvage Harvest - Removal of dead, dying, or damaged trees
Sensitive Fish	Sensitive Fish - Protect or improve specific fish populations or habitat
Sensitive Plants	Sensitive Plants - Protect or improve specific plant populations or habitat
Sensitive Species	Sensitive Species - Habitat improve, restore, protect.
Slope Stability	Slope Stability - Erosion control
Soils	Soils - Protect or improve soils.
Stand Conversion	Stand Conversion - Conversion of hardwoods or non-commercial species to a commercial forest stand.
Stocking Stand Condition	Stocking Stand Condition - Forest conditions do not meet required tree stocking levels.
Streambank Stability	Streambank Stability - Erosion control
Tree Disease	Tree Disease - Action to limit the spread or define the extent of a particular tree disease.

Code	Description
Unknown	Unknown - Reason for the action or benefiting resource not specifically identified.
Utility Infrastructure	Utility Infrastructure - Utility Infrastructure
Water Quality	Water Quality - Watershed improve, restore or protect
Water Use	Water Use - Water source and flow management
Wetlands	Wetlands - Improve, restore or protect
Wilderness Character	Wilderness Character - Protection measure
Wildhorses	Wildhorses - Action benefits Wildhorses or Burros.
Wildland Urban Interface (WUI)	Wildland Urban Interface (WUI)
Wildlife-General	Wildlife-General - Habitat improve, restore or protect

A.41 dom_REVEG_METH

Revegetation Method Code. Specific method of revegetation.

Code	Description
Aerial	Aerial
Broadcast	Broadcast
Drill	Drill
Harrow/Broadcast	Harrow/Broadcast
Jet Stinger	Jet Stinger
Manual-Bare Root	Manual-Bare Root
Manual-Container	Manual-Container
Manual-Plug	Manual-Plug
Manual-Seed	Manual-Seed
Manual-Unspecified	Manual-Unspecified
Unknown	Unknown

A.42 dom_REVEG_SD_SPECIES

Revegetation Forestry Seed Species Code. Seed species used for planting stock.

This is a lengthy domain. For the full list of values go to:
https://gis.blm.gov/ORDownload/Domains/dom_REVEG_SD_SPECIES.xlsx.

A.43 dom_REVEG_TYPE

Revegetation Type Code. General type of revegetation treatment.

Code	Description
Seeding	Seeding - Artificial seeding of grass and other non-tree species.
Shrub Planting	Shrub Planting
Tree Planting	Tree Planting
Tree Seeding-Artificial	Tree Seeding-Artificial
Tree Seeding-Natural	Tree Seeding-Natural

A.44 dom_TRT_CT_ORGN

Forestry Treatment Contract Origin Code. Entity that originated the contract. This is for forestry contracts only.

Code	Description
BLM	BLM - BLM Contract
GSA	GSA - General Services Administration Contract
IBC	IBC - Interior Business Center Contract
Other	Other - Other Contract

A.45 dom_TRT_MONI

Treatment Monitor Code. Result as determined from post treatment inspection.

Code	Description
Acceptable	Acceptable
Mixed Result	Mixed Result
Unacceptable	Unacceptable
Unknown Result	Unknown Result

A.46 dom_TRT_STATUS

Treatment Status Code. Status of the treatment action.

Code	Description
Active	Active - Treatment action underway
Completed	Completed - Treatment action completed
Deferred	Deferred - Treatment deferred; Reason for deferment is given in Reason.
Proposed	Proposed - Action not yet started
Rejected	Rejected - Considered by BLM and found unsuitable
Suspended	Suspended - Activity halted

A.47 dom_TRT_TARG

Treatment Target Code. Target (affected species) of the treatment action.

Code	Description
All Vegetation	All Vegetation
Big Game	Big Game
Big Sagebrush	Big Sagebrush
Biomass	Biomass
Bitterbrush	Bitterbrush
Cheatgrass	Cheatgrass
Conifers	Conifers
Conifers/Juniper	Conifers/Juniper - Mixed Conifers including Juniper
Crested Wheatgrass	Crested Wheatgrass
Douglas Fir	Douglas Fir
Duff/Slash	Duff/Slash
Grass/Shrub	Grass/Shrub
Hardwood	Hardwood
Hardwood/Shrub	Hardwood/Shrub
Herbivore	Herbivore
Insects	Insects
Juniper	Juniper
Livestock	Livestock
Medusahead Rye	Medusahead Rye
Mixed Grass	Mixed Grass - Native and Non-Native
Mixed Non-Native Grass	Mixed Non-Native Grass
Mixed Sagebrush	Mixed Sagebrush
Mixed Tree	Mixed Tree
Native Grass	Native Grass
Native Grass/Forb	Native Grass/Forb
None	None - For contingency or control area
Oak Woodland	Oak Woodland
Pine/Fir Mix	Pine/Fir Mix
Ponderosa Pine	Ponderosa Pine
Rodents	Rodents
Rust Fungi	Rust Fungi
Shrub	Shrub
Unknown	Unknown

Code	Description
Weeds	Weeds
Willow	Willow

A.48 dom_WEED_SPCS

Weed Plant Species Taxonomic Code. The Plant Species Taxonomic Code refers to an acronym constructed following the Garrison-Skovlin_Poulton system to represent a plant genus/species. Also called a Plant Symbol. Codes are assigned by the USDA Natural Resources Conservation Service (NRCS) national botanist. This is a lengthy list of domain values. The domain is available at the following web location: https://www.blm.gov/site-page/oregon-data-management.

A.49 dom_WORKAGENT

Workagent Code. Who did the work (or the type of procurement instrument).

Code	Description
Assistance Agreement	Assistance Agreement
Coop Agreement	Coop Agreement - ODFW, ODA, County, etc.
Federal Labor	Federal Labor
GNA	GNA - Good Neighbor Agreement
Grantee	Grantee
IDIQ Contract	IDIQ Contract - Non-stewardship
Landowner	Landowner
Micro-Purchase	Micro-Purchase - Check or Credit Card limited amount purchase
Permittee	Permittee
Purchase Order	Purchase Order
Service Contract	Service Contract
Service Contract Time and Materials	Service Contract Time and Materials
Stewardship Contract	Stewardship Contract
Timber Sale	Timber Sale
Unknown	Unknown
Volunteer	Volunteer

A.50 dom_YN

Yes No Code. Generic domain for Yes/No/Unknown coding

Code	Description
Y	Yes
N	No

Code	Description
U	Unknown

A.51 VMAP_DOM_FBMS_SUBACTIVITY_CODE

VMAP FBMS Sub-activity Code. Domain for tracking budget codes. This domain has been inherited from the national VMAP dataset. However, newer codes have been added to support Fuels that were not available in the VMAP domain at the time of publication of this document. Codes have been added to the domain descriptions to conform to ODF standards and to make the domains easier to use.

Code	Description
L10100000	L10100000 - SOIL, WATER, AIR MGMT
L10200000	L10200000 - RANGELAND MANAGMENT
L10300000	L10300000 - FORESTRY (PD)
L10400000	L10400000 - RIPARIAN
L10500000	L10500000 - CULTURAL RESOURCES MGMT
L10600000	L10600000 - WILD HORSES & BURROS
L11200000	L11200000 - FISHERIES MGMT
L11500000	L11500000 - T & E SPECIES
L11700000	L11700000 - WILDLIFE MGMT
L12100000	L12100000 - WILDERNESS MANAGEMENT
L12200000	L12200000 - RECREATION RESOURCES MGMT
L12320000	L12320000 - RECREATION FEE DEMO PROJ
L13100000	L13100000 - OIL AND GAS MGMT
L16200000	L16200000 - ABANDONED MINE LANDS
L17110000	L17110000 - NLCS MONUMENT & CONS AREA
L17700000	L17700000 - CHALLENGE COST SHARE
L17710000	L17710000 - COOP CONSERVATION INIT
L17760000	L17760000 - HEALTHY LANDS INITIATIVE
L17900000	L17900000 - GRSHPER & MORMON CRICKET
L18800000	L18800000 - ACCT PAY ACCRUAL QTR ADJ
L19200000	L19200000 - OTHER REIMBURSABLES
L53100000	L53100000 - REPR OF DAMG LANDS(O & C)
L53200000	L53200000 - REPR OF DAMG LANDS(PD)
L53210000	L53210000 - REPR OF DAMG LANDS(PD)_2
L55000000	L55000000 - TIMBER CONTRACT EXPENSE
L58100000	L58100000 - 4ST PIPLNE RESTORATN FUND
L58210000	L58210000 - WPC CRDA PGM ADMIN COSTS
L58220000	L58220000 - WPC CRDA ARCHEOLGCL RSRC

Code	Description
L58230000	L58230000 - WPC LND HLD SHOSHONE TRB
L58240000	L58240000 - WPC SILVER ST OHV TRAIL
L58250000	L58250000 - WPC CRDA WILDERNESS MGMT
L58260000	L58260000 - WPC CRDA DEVELOP MSHCP
L58320000	L58320000 - CCLA PROGRAM SUPPORT
L58420000	L58420000 - LCLA SPECIES HABITAT PLAN
L58430000	L58430000 - LCLA SALES PREPARATION
L58440000	L58440000 - LCLA ARCHEOLGCL RSRC MGMT
L58460000	L58460000 - SNPLMA OHV TRL PRCS & PLN
L58470000	L58470000 - SNPLMA WILDERNESS MGMT
L58480000	L58480000 - LCRD PROGRAM SUPPORT
L58520000	L58520000 - SNPLMA CAP IMP PARK & TRL
L58530000	L58530000 - SNPLMA SLS PRP - CLARK CNTY
L58570000	L58570000 - SNPLMA MULTI SPECIES PLAN
L58610000	L58610000 - SNPLMA CONSERVATION INIT
L58650000	L58650000 - SNPLMA RESEARCH
L58680000	L58680000 - SNPLMA ENLRP
L58690000	L58690000 - SNPLMA HZRD FUEL REDUCTN
L58820000	L58820000 - SECURE RURAL SCH EXP
L59000000	L59000000 - 4ST ECOSY HLTH & RECV EXP
L63000000	L63000000 - WESTERN OREGON RESOURCE MANAGEMENT
L63100000	L63100000 - WESTERN OREGON FOREST MGT
L63200000	L63200000 - WESTRN OR RE4ST & 4ST DEV
L63310000	L63310000 - WESTERN OREGON RANGE MGMT
L63320000	L63320000 - WESTERN OR RECREATN MGMT
L63330000	L63330000 - WESTRN OR SOIL WATER AIR
L63340000	L63340000 - WESTRN OR WLDLF HABITAT
L66500000	L66500000 - JOBS IN THE WOODS
L67110000	L67110000 - NLCS OR MONUMENT & CONS
L71210000	L71210000 - RSRC DEVL PROT / MGMT TGA
L71220000	L71220000 - RSRC DEVL PROT / MGMT FLPMA
L71230000	L71230000 - RSRC DEVL PRT / MGT CA OHWY
L71240000	L71240000 - WLDLF & FISH CONS & REHAB
L71630000	L71630000 - CA Off - Hwy.State Gov Agr
L71640000	L71640000 - SIKES ACT STATE GOVT AGRE
L81000000	L81000000 - RANGE IMPRVMNTS(PD LNDS)

Code	Description
L82000000	L82000000 - RANGE IMPRVMNTS LU LANDS
L92600000	L92600000 - NTRL RSRC DMG 3RD PARTY
L96100000	L96100000 - BLISTER RUST CONTROL
L96200000	L96200000 - FOREST PEST CONTROL
L96410000	L96410000 - NAVAL PETROLEUM RES 2 EXP
L98300000	L98300000 - CONVERSION PROGRAM WH & B
LF1000000	LF1000000 - PREPAREDNESS
LF2200000	LF2200000 - EMERGENCY STABILIZATION
LF3100000	LF3100000 - HZRDS FUELS WUI / NON - WUI
LF312B000	LF312B000 - IIJA/BIL FUELS GENERAL
LF312C000	LF312C000 - IIJA/BIL FUELS THINNING
LF312D000	LF312D000 - IIJA/BIL FUELS PRESCRIBED FIRE
LF312E000	LF312E000 - IIJA/BIL FUELS CONTROL LINES
LF312F000	LF312F000 - IIJA/BIL FUELS LABORERS
LF3200000	LF3200000 - BURNED AREA REHAB
LF3400000	LF3400000 - JOINT FIRE SCIENCE PROJ
LF5710000	LF5710000 - STATE ASSIST PREPAREDNESS
LF6900000	LF6900000 - FIRE PRGM FIRE REIMB

A.52 VMAP_DOM_PRGM_ELEM_CD

VMAP Program Element Code. Program Element code being reported for the management action. This domain has been inherited from the national VMAP dataset. Codes have been added to the domain descriptions to conform to ODF standards and to make the domains easier to use.

Code	Description
AL	AL - Public Outreach Through Interpretation & Envir Educ (programs/events delivered)
AM	AM - Provide Rural Fire and Community Assistance (number of departments receiving benefits)
BS	BS - Inventory for Presence Invasive Plants and/or Noxious Weed (acres)
BT	BT - Inventory Forest/Woodland Vegetation (acres)
DD	DD - Plan for Public Health/Safety and Property Protection (number)
DF	DF - Plan for Interdisciplinary Activities (number)
EG	EG - Prepare Vegetative Permits/Contracts
HD	HD - Manage Forest and Woodland Commercial Sales (acres)
HE	HE - Biomass Offered (tons)
HF	HF - Heritage Resources Stabilized, Managed and Protected (number)
HL	HL - Apply Commercial Forest and Woodland Management (acres)

Code	Description
HO	HO - Respond to Hazmat Risk Site (actions)
IB	IB - Facilities Deferred Maintenance and Construction (Number of Projects)
IE	IE - Trail Deferred Maintenance and Construction (Number of Projects)
IH	IH - Bridge Deferred Maintenance and Construction (Number of Projects)
IJ	IJ - Dam Annual Maintenance (Dams Maintained)
IK	IK - Dam Deferred Maintenance and Construction (Number of Projects)
IP	IP - Road Annual Maintenance (Lane Miles Maintained)
IQ	IQ - Road Deferred Maintenance and Construction (Number of Projects)
JA	JA - Apply Shrub/Grass Vegetation Treatments (acres)
JB	JB - Construct Shrub/Grass/PJ/Forest Projects (number)
JC	JC - Maintain Shrub/Grass/PJ/Forest Projects (number)
JD	JD - Apply Weed Treatments (acres)
JE	JE - Restore Forest and Woodland Through Sales (acres)
JF	JF - Apply Lake/Wetland Treatments (acres)
JG	JG - Apply Stream/Riparian Treatments (miles)
JH	JH - Construct Lake/Wetland/Stream/Riparian Projects (number of projects)
JI	JI - Maintain Lake/Wetland/Stream/Riparian Projects (projects maintained)
JJ	JJ - Gather/Remove Wild Horses and Burros (number of animals removed)
JK	JK - Implement AML Projects to Restore Water Quality (acres)
JL	JL - Apply Fire Rehab Treatments (acres)
JM	JM - Implement Fuels Treatments Outside WUI Using Prescribed fire (acres treated)
JN	JN - Restore Forest and Woodlands through Development (acres)
JP	JP - Implement Threatened and Endangered Species Recovery Actions (number)
JQ	JQ - Implement Fuels Treatment Mechanically outside of WUI (acres treated)
JR	JR - Implement Fuels Treatment by other means outside of WUI (acres treated)
JS	JS - Stabilize Burned Areas (acres stabilized)
JT	JT - Reduce Fuels Mechanically within WUI (acres treated)
JU	JU - Reduce Hazardous Fuels by other means within WUI (acres treated)
JW	JW - Implement Fuels Treatments by prescribed fire Within the WUI (acres treated)
JX	JX - Decommission and Rehabilitate Roads and Trails (miles)
JZ	JZ - Native Plant Materials Collection (number of collections)
KE	KE - Implement Conservation Actions for Non-ESA Species and Communities
LC	LC - Monitor Fuels Treatment in Wildland Urban Interface (acres monitored)
MB	MB - Evaluate Forest/Woodland Treatments (acres)
MK	MK - Evaluate Weed Treatments (acres)
MN	MN - Monitor Lake/Wetland Habitat (acres evaluated)

Code	Description
MO	MO - Monitor Streams/Riparian Habitat (miles)
MQ	MQ - Monitor Terrestrial Habitat (acres)
MR	MR - Monitor Species Populations (number)
MT	MT - Monitor Fuels Treatment Non-WUI (acres)
MX	MX - Monitor Shrub/Grass Vegetation Treatments (acres)
MZ	MZ - Monitor Post Fire Emergency Stabilization and Rehabilitation Treatments (acres)
PH	PH - Provide Program Support: Restore Health of Public Lands

A.53 VMAP_DOM_WIND_DIRECTION

Wind Compass Cardinal Direction Code. Cardinal (North, South, East, West) Directions. This domain has been inherited from the national VMAP dataset. Codes have been added to the domain descriptions to conform to ODF standards and to make the domains easier to use.

Code	Description
CALM	CALM
E	E - EAST
ENE	ENE - EAST NORTH EAST
ESE	ESE - EAST SOUTH EAST
N	N - NORTH
NE	NE - NORTH EAST
NNE	NNE - NORTH NORTH EAST
NNW	NNW - NORTH NORTH WEST
NW	NW - NORTH WEST
S	S - SOUTH
SE	SE - SOUTH EAST
SSE	SSE - SOUTH SOUTH EAST
SSW	SSW - SOUTH SOUTH WEST
SW	SW - SOUTH WEST
W	W - WEST
WNW	WNW - WEST NORTH WEST
WSW	WSW - WEST SOUTH WEST