Attachment 1



PASTURE AND ALLOTMENT BOUNDARIES DATA STANDARD REPORT

December 28, 2009 Version 2.3

United States Department of Interior Bureau of Land Management Program Management Office OC-120 Denver Federal Center Denver, Colorado 80225

Table of Contents

1. Introduction	Error! Bookmark not defined
2. Data Steward/GIS Contact Identification	Error! Bookmark not defined
3. Data Set Characteristics	Error! Bookmark not defined
4. Data Model Characteristics	
5. Business Rules	
6. Other Material	
7. Domains Specific to Grazing	
Appendix A – Data Categories	1
Appendix B – Location	1′

1. Introduction: General Information about the standard (For more information see WO-IM-2003-125 attachment 2: Guidance for Managing BLM Data Standards: How to Adopt, Implement, and Maintain Data Standards, pages 17-20)

Description of Standard

Grazing Allotments and Pasture Boundaries. An Allotment is an area of land designated and managed for grazing of livestock. It may include private, state, and public lands under the jurisdiction of the Bureau of Land Management and/or other federal agencies. An allotment is derived from its pastures.

Affected Groups (who is effected, who should care)	Land Use Planners, GIS Specialists, Rangeland Management Specialists,
	Other BLM Specialists
Sponsor (business of sponsor)	Rob Roudabush - Division Chief, WO220, Rangeland Resources

2. Data Steward/GIS Contact Identification: *Include lead agency if appropriate; who is/are the data steward(s) and GIS Contact(s)*

Office	Role	Name	Contact Information
WO-220	BLM Business Data Steward	Bob Bolton	Robert_Bolton@blm.gov 202-912-7204
WO-210	BLM Geospatial Data Steward	Bob Bewley	Bob_Bewley@blm.gov 202 912-7213

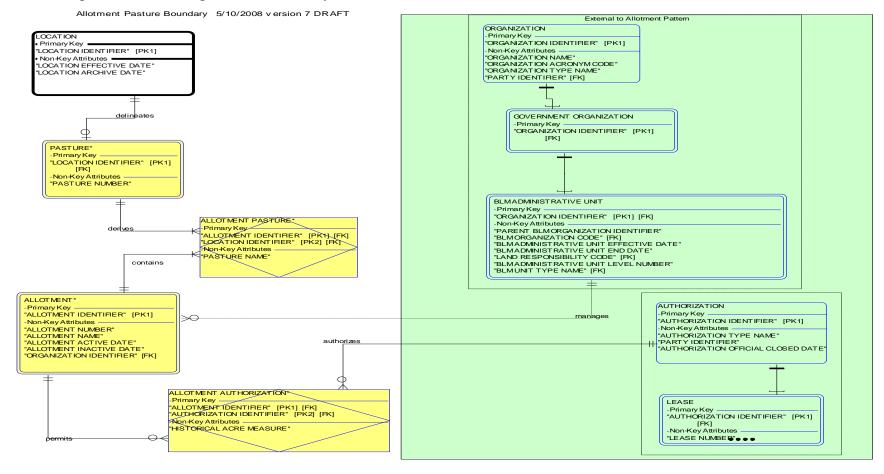
3. Data Set Characteristics						
Overall Security:	Public					
Identify security level						
(e.g. public/ non-public)						
If non-public state why						
Who has create, read,	GIS Specialists, Rangeland Management Specialists					
update, and/or delete						
privileges						

Data Collection & Maintenance Protocols: data collection and maintenance procedures that would apply	a) Accuracy Requirements: what level is required? b) Collection & Input Protocols: what are approved methods?	The expected spatial accuracy is approximately 40 feet. The actual measured spatial accuracy is located within the attributes of the data. Spatial Accuracy: ACCURACY MEASUREMENT IN FEET There is currently no single method for data collection and input for this data set. Data may be collected and input from a variety of sources as long as the data are documented
	For Geospatial Data the information relating to collection datum and projection should be included in this section.	with metadata. BLM has not yet migrated enough of its existing data stores to any specific format to eliminate any methods for digital data collection.
	c) Update Procedures: On what basis are updates completed (e.g. township basis, case file basis); how often; by when?	Field offices will update allotment/pasture geospatial data sets for their state as dictated by business needs. Each State allotment/pasture geospatial data set will be
		provided to the NOC on a monthly basis. During the process of updating the NOC version of the data set, any data quality issues which are identified (such as overlap of data between states) will be marked and returned to the states involved for resolution. This portion of the process is spelled out in more detail in the NOC National Geospatial Datasets compilation and replication documentation.
Data Quality : measures that will be applied to the data	a) Transaction level data quality: how will the review of data quality take place during data entry	Implementation will include domain value edits during data entry.
	b) Monitoring level data quality: what systematic review of data quality will take place and how will it be done?	GIS Specialist and Range Specialist should both review the data for quality upon entry and then during at least annual reviews.
(or applications) that are relocal, or other agencies/org	andards: Identify any other data standards elated; these can include national, state, ganizations Identify data elements that e.g. RIPS by allotment number)	BLM IM- 2006-149 Livestock Grazing Allotment and Pasture Spatial Database Standards

- **4. Data Model Characteristics:** Each data standard is to be supported by a data model which includes entities and relationships between entities
- a) Logical Data Model a graphical depiction of logical data showing entities (tables) and how they relate to each other.
- a) Data Dictionary entities, attributes and metadata

Grazing (Allotment Pasture) Data Model

The entities in the shaded area (green) are not part of this data standard (and do not need to be reviewed). They are provided to show context and provide relationships to other data only.



Entity Name	Entity Description	Logical Data Element Name	Туре	Size	Require d?	Definition
ALLOT			L	ı	<u> </u>	
	Allotment is th	e basic geographic area used in admini	stering BL	M range	land. An	allotment is derived from its pastures.
		ALLOTMENT NAME	character	50	Yes	The name by which the allotment is commonly known.
		ALLOTMENT NUMBER	character	5	Yes	The number that identifies an Allotment which is unique within the BLM administrative state. Note: An allotment number may never be reused. If an existing allotment is divided or combined, all changed allotments should be assigned a new allotment number.
		ALLOTMENT IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.
		ALLOTMENT ACTIVE DATE	date		Yes	The calendar date on which the boundary of an allotment is established and becomes effective. The date will be in FGDC standard format of YYYYMMDD, and will be entered only once for that polygon.
		ALLOTMENT INACTIVE DATE	date		Opt	The calendar date on which the boundary of an allotment is no longer effective because the external boundary of the allotment changed or it is no longer used as an allotment. Business Rules: Allotments with End Dates are a separate feature class from Active Allotments. The date will be in FGDC standard format of YYYYMMDD, and will be entered only once for that polygon.
		ORGANIZATION IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.
ALLOT	The authorizati	ORIZATION on that is associated with an allotment	for a given	time pe	riod.	
		HISTORICAL ACRE MEASURE	decimal		Yes	The size of the allotment in acres that was associated with the lease, not necessarily the actual size of the allotment.
		ALLOTMENT IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.
		AUTHORIZATION IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.
ALLOT	MENT PASTU	RE				

Entity Name	Entity Description	Logical Data Element Name	Type	Size	Require d?	Definition		
Tune	The association of which pastures belong to a given allotment. Business Rule: if the internal boundaries of pastures change, the allotment does not change. If the allotment size changes for administrative reasons, a new allotment number is created and the old allotment becomes inactive.							
		PASTURE NAME	character	50	Yes	A pasture name is given to an area that is a subset area of an allotment. Some allotments may have multiple pastures where a name would be appropriate while some allotments may have no pastures delineated in which case the default value should be 'NA'.		
	ALLOTMENT IDENTIFIER		integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		
	LOCATION IDENTIFIER		integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		
PASTUI	PASTURE A pasture is an area that is a subset area of an allotment. Allotments may have one or more pastures.							
		PASTURE NUMBER	character	2	Yes	The number that identifies a specific pasture within one Allotment. Note: numbering usually starts at 1 for each allotment.		
		LOCATION IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		

The following entities shown on the logical data model are not part of this standard but are here for informational purposes.

Entity	Entity	Logical Data Element Name	Type	Size	Requir	Definition
Name	Description				ed?	
AUTHO	RIZATION					
	Documentation	n of a management decision allowing a	request, app	olicatio	n or prop	osal and/or granting the right to use, enjoy, remove, or occupy the land,
	resources, or re	eal property.				
		AUTHORIZATION IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence
						of the entity.
		PARTY IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence
						of the entity.
		AUTHORIZATION TYPE	Character	10	Yes	The name that indicates the type of authorization being provided. (lease,
		NAME				permit, etc.)

Entity	Entity	Logical Data Element Name	Type	Size	Requir	Definition		
Name	Description	Zogroun Zunn Zromono i (umo			ed?			
	AUTHORIZATION OFFICIAL CLOSED DATE		Date		Opt	The date the authorization was officially closed after permit conditions are fulfilled and accepted by the BLM. (DS Report 1993).		
BLM AD	DMINISTRATI	VE UNIT		•				
	into designated		and respons			by for all activities in a geographic area. The formal grouping of positions are units. This also includes the identification of supervisory/subordinate		
		ORGANIZATION IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		
		PARENT BLM ORGANIZATION IDENTIFIER	character	10	Opt	The identifier for the administrative unit that has responsibility for other units. For example, the Administrative Office is responsible for the Administrative State Office, which is responsible for District Offices. District Offices are responsible for Field Offices.		
	BLM ORGANIZATION CODE		character	10	Yes	The code that indicates the formal grouping of positions into designated units and the assignment of functions and responsibilities to those units based on the DOI FBMS structure.		
		BLM ADMINISTRATIVE UNIT END DATE	date		Yes	The date on which a BLM Administrative unit ends.		
		BLM ADMINISTRATIVE UNIT EFFECTIVE DATE	date		Yes	The date on which a BLM Administrative unit begins.		
		LAND RESPONSIBILITY CODE	character	10	Yes	A code that indicates if the BLM administrative unit is responsible for an area of BLM land.		
		BLM ADMINISTRATIVE UNIT LEVEL NUMBER	number	2	Yes	A number that indicates the level of the organization for the BLM administrative unit.		
		BLM UNIT TYPE NAME	character	20	Yes	A name that indicates the type of BLM organizational unit.		
GOVER	NMENT ORGA	ANIZATION		1				
	A type of organ	nization that is a governmental unit, at	any level of	f the go	vernmen	t, including state, federal, local.		
		ORGANIZATION IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		
LEASE	An authorization	on (usually long term) to use public lan	nds or resou	rces for	a fixed 1	period of time.		
		LEASE NUMBER	character	15	Yes	The number associated with a specific authorization to use public lands or resources.		
		AUTHORIZATION IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		

Entity Name	Entity Description	Logical Data Element Name	Type	Size	Requir ed?	Definition		
LOCATION	LOCATION							
	A defined place	e that requires a way to locate it by sor	me means. N	ote: Er	ntities lin	ked to Location have the potential for a geospatial aspect.		
		LOCATION ARCHIVE DATE	date		Opt	The date which is the calendar year, month, and day when the position of the Location is considered no longer valid, but has historical value.		
		LOCATION EFFECTIVE DATE	date		Yes	The date which is the calendar year, month, and day when the position of the Location was produced.		
	LOCATION IDENTIFIER				Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		
ORGAN	IZATION							
	A formal group	o of people organized for a purpose.						
		ORGANIZATION IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		
		ORGANIZATION NAME	character	100	Yes	The official name by which the organization is known. An organization may include businesses, agencies, or corporations, but not individual persons.		
		ORGANIZATION TYPE NAME	character	20	Yes	A name that describes the type of organization that is being described.		
		ORGANIZATION ACRONYM CODE	character	10	Opt	The code that indicates the preferred acronym for an organization.		
		PARTY IDENTIFIER	integer		Yes	The designed primary key that will uniquely identify a single occurrence of the entity.		

5. Business Rules	5. Business Rules: Rules under which data is used and modified (See WO-IM 2003 247 Attachment 1: Business Rules Collection)						
Rule Name			Alloti	ment Data Coll	lection		
Rule source (e.g. handbook, guidance, directive)			Taylo	r Grazing Act			
Source Description (brief explanation of where the rule comes				_	directs BLM to collec	ct information on	
from)					ng Allotments		
Rule Statement				BLM	is authorized t	o collect information	on Grazing
(what is the rule?)							
Type of Rule (e.g. Bu	isiness Term, St	andard	, Guideline)	Standard			
Is it Mandatory, Option	onal, or Not		Mandatory		Automation Restriction? No		No
Applicable because it	is a Business T	erm?			(Yes, No – caused by the limits of		
					technology)		
How is Rule Impleme	ented? (Manual	Proces	s, Computer Application	n, Not Manual and Computer Application			
Applicable)	`		1 11	•		1 11	
	Name of Application or Manual Process RAS and Grazing Proc			cesses			
11							
Rule Status (Active,	Active	Rule	Effective Dates (rules kept		Beginning	Endin	g Date
Inactive)			storical purposes)	•	Date		

6. Other Material: Any other supporting material that aids in the understanding or use of the data standard; include specific geographic, organizational, or applicability constraints for non-national standards

- Pasture and Allotment Boundaries Data Standard Proposal
- Pasture and Allotment Polygons Implementation Guidelines
- Pasture and Allotment Domain Values Document

7. Domains Specific to Grazing

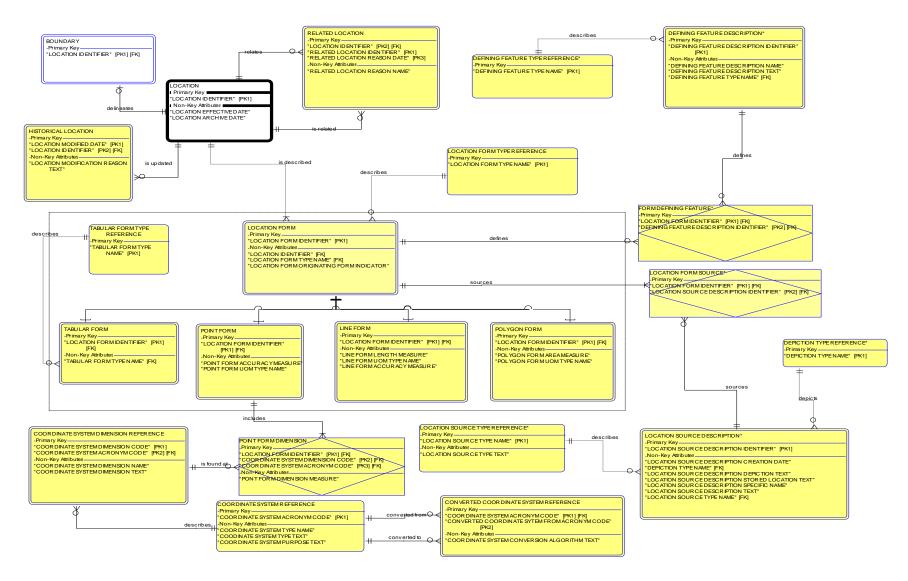
No domain values are specific to the Grazing Data Standard.

Appendix A – Data Categories

i						
How this standard fits into/suppor	How this standard fits into/supports the Bureau Enterprise Architecture.					
What DOI Subject Areas and Info	What DOI Subject Areas and Information Classes does this standard cover?					
Subject Area: A collection of data	a classifications representing broad categories of information that support a line of business.					
Information Class: A logical grou	uping of entities that are subcategories of the subject areas.					
For the full list of Subject Areas a	nd their Information Classes please see					
http://web.blm.gov/data_mgt/guid	elines/DOI_SubjectArea_InfoClass.doc					
Geospatial and Geography	Information about data that includes a terrestrial coordinate system or geographic reference. This					
Map (Subject Area)	includes geospatial data sets, mapping, imagery, coverage's, elevations, and features.					
 Map (Information Class) 	A graphic depiction on a flat surface of the physical features of the whole or a part of the earth or					
- '	other body, or of the heavens, using shapes to represent objects and symbols to describe their					
	nature. Maps generally use a specified projection and indicate the direction of orientation.					
 Spatial Data Set 	A collection of spatial data and its related descriptive data, organized for efficient storage and					
(Information Class) retrieval. A simple data set might be a single file with many records, each of which references the						
same set of fields. A more robust spatial data set includes data about the spatial locations and						
	shapes of geographic features, recorded as points, lines, areas, pixels, grid cells, or TIN					
	(Triangulated Irregular Network) sample points, as well as their attributes.					

Appendix B – Location

Data Model that provides information on standard attributes for feature level metadata. It is not part of this data standard and does not need to be reviewed for the data standard; it merely provides more information and relationships.



Entity Name	Entity Description	Logical Data Element Name	Туре	Size	Req'd?	Key*	Definition			
DOLLAR A							DRAFT ENTITY			
BOUNDAR	BOUNDARY									
	The edge of a location that demarks the change from one location to another location.									
		LOCATION IDENTIFIER	integer		Yes	PK	The designed primary key that will uniquely identify a single occurrence of the entity.			
~~~	~~						DRAFT ENTITY			
CONVERT	ED COORDINATE	SYSTEM REFERENCE								
	The domain of valu	nes for the algorithm used to convert fi	rom one coord	inate sys	tem to anoth	er				
	The domain of vari	COORDINATE SYSTEM	character	60	Yes		The text that contains the algorithm used to convert from one coordinate system to			
		CONVERSION ALGORITHM	onaraeter		100		another.			
		TEXT					unouici.			
		COORDINATE SYSTEM	character	10	Yes	PK,	The code that is considered the acronym for the coordinate system type.			
		ACRONYM CODE	Character	10	168	FK	The code that is considered the acronym for the coordinate system type.			
		ACKON I M CODE				ΓK				
		CONVERTED COORDINATE	character	10	Yes	PK	The code for the coordinate system that is being converted from (to another coordinate			
		SYSTEM FROM ACRONYM					system).			
		CODE								
			1		1	l.				
					DD A FYE DAVIDION					
COORDINA	ATE SYSTEM DIM	IENSION REFERENCE	DRAFT ENTITY							

Entity Name	Entity Description	Logical Data Element Name	Туре	Size	Req'd?	Key*	Definition				
	The dimensions that are part of given coordinate system type.										
		COORDINATE SYSTEM DIMENSION TEXT	character	100	Yes		The text that further describes the dimension for a given coordinate system type.				
		COORDINATE SYSTEM DIMENSION CODE	character	10	Yes	PK	The code that is used to designate a dimension for a coordinate system type.				
		COORDINATE SYSTEM DIMENSION NAME	character	10	Yes		The name associated with a code that is used to designate a dimension for a coordinate system type.				
		COORDINATE SYSTEM ACRONYM CODE	character	10	Yes	PK, FK	The code that is considered the acronym for the coordinate system type.				
COORDIN	COORDINATE SYSTEM REFERENCE  A reference framework consisting of a set of points, lines and/or surfaces; including a set of rules used to define the positions of points in space in either two or three dimensions.										
		COODINATE SYSTEM TYPE	character	100	Yes		The text that describes the particular coordinate system type.				
		COORDINATE SYSTEM TYPE NAME	character	40	Yes		The name given to a particular coordinate system type.				
		COORDINATE SYSTEM ACRONYM CODE	character	10	Yes	PK	The code that is considered the acronym for the coordinate system type.				
		COORDINATE SYSTEM PURPOSE TEXT	character	100	Yes		The text that describes the purpose or purposes of a given coordinate system type.				
DEFINING	FEATURE DESCI						APPROVED ENTITY: BLM				
	The values associate	ted with second level of detail that can DEFINING FEATURE	be used to de	fine / cre	ate the locat Opt	ion, based	on the Defining Feature Type Name. There is not a finite set of values for this.  The name that identifies a more specific description of the feature from which the arcs				
		DESCRIPTION NAME	Character	40	Орі		are derived to create polygon boundaries. This information further describes the physical or mapping feature that makes up the polygon boundary.				
		DEFINING FEATURE DESCRIPTION TEXT	character	200	Yes		The text that provides further details on the Defining Feature Description.				
		DEFINING FEATURE DESCRIPTION IDENTIFIER	integer		Yes	PK	The designed primary key that will uniquely identify a single occurrence of the entity.				
		DEFINING FEATURE TYPE NAME	character	30	Yes		The name that identifies the high-level category for the actual physical or mapping characteristics (features) from which the arcs are derived.				

Entity Name	Entity Description	Logical Data Element Name	Туре	Size	Req'd?	Key*	Definition					
DEFINING	DEFINING FEATURE TYPE REFERENCE*  APPROVED ENTITY: BLM											
	A domain for the description of the characteristic (feature) constructed from a geographic feature that was used to create the location boundary.											
		DEFINING FEATURE TYPE NAME	character	30	Yes	PK	The name that identifies the high-level category for the actual physical or mapping characteristics (features) from which the arcs are derived.					
DEDICTIO	N TYPE REFEREN	ICE*			I.		APPROVED ENTITY: BLM					
DEFICTIO		ues for the way a location is depicted e	ither in scale	or resolu	tion.							
		DEPICTION TYPE NAME	character	10	Yes	PK	The name that designates the detail with which the location is depicted, either in resolution or scale.					
FORM DE	FINING FEATURE	<b>,</b> *					APPROVED ENTITY: BLM					
	The defining featur	res associated with a specific location	form.									
		LOCATION FORM IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.					
		DEFINING FEATURE DESCRIPTION IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.					
HISTORIC	CAL LOCATION The date and reaso	n why a location's information has cha	nged. Busines	ss Rule: t	his is for adı	ministrativ	DRAFT ENTITY ve changes, not necessarily for corrections to data.					
		LOCATION MODIFICATION REASON TEXT	character	200	Yes		The text which is the explanation for why data about a location has changed for administrative reasons.					
		LOCATION MODIFIED DATE	date		Yes	PK	The date which is the calendar year, month, and day when the position of the Location was last modified.					
		LOCATION IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.					
LINE FOR	м		•			•	DRAFT ENTITY					
LINEFOR	A series of connec	ted, co-ordinate points forming a simp ent this includes all types of straight ar	le linear featur nd curved lines	re. It is us	sed to repres	sent rivers, intersection	, and roads, or to form the boundary of polygons. (GIS dictionary) Note: In our current on.					
		LOCATION FORM IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.					
		LINE FORM LENGTH MEASURE	decimal		Yes		The measure of the length of the line described in the Line Form UOM Type Name.					
		LINE FORM UOM TYPE NAME	character	20	Yes		The domain value associated with the Unit of Measure used for the Line Form Length Measure.					
		LINE FORM ACCURACY MEASURE	decimal		Yes		The measure that describes how close, in Line Form UOM Type Name the actual location is to the spatial depiction.					
LOCATIO		4	N T	74:4: 1'	-114	-4:1	DRAFT ENTITY					
	A defined place the	at requires a way to locate it by some r		entities li		ation nave						
		LOCATION ARCHIVE DATE	date		Opt		The date which is the calendar year, month, and day when the position of the Location is considered no longer valid but has historical value.					
		LOCATION EFFECTIVE DATE	date		Yes		The date which is the calendar year, month, and day when the position of the Location was produced.					

Entity	Entity	Logical Data Element Name	Туре	Size	Req'd?	Key*	Definition
Name	Description	0					
		LOCATION IDENTIFIER	integer		Yes	PK	The designed primary key that will uniquely identify a single occurrence of the entity.
LOCATION	N FORM		L		l .		DRAFT ENTITY
Locario		the location is described such as the d	lescription, sha	ape, or ap	pearance of	the locati	on.
		LOCATION FORM IDENTIFIER	integer		Yes	PK	The designed primary key that will uniquely identify a single occurrence of the entity.
		LOCATION IDENTIFIER	integer		Yes	FK	The designed primary key that will uniquely identify a single occurrence of the entity.
		LOCATION FORM TYPE NAME	character	10	Yes	FK	The type of form in which the location is described or appears. point, line, polygon, tabular
		LOCATION FORM ORIGINATING FORM INDICATOR	character	3	Yes		The value that indicates if this is the way in which the location was first drawn/described. (yes, no)
LOCATIO	N FORM SOURCE	1			ı		APPROVED ENTITY: BLM
Localio		of the location sources that were used t	o create a spec	ific loca	tion form.		
		LOCATION FORM IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.
		LOCATION SOURCE DESCRIPTION IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.
				I	I		DRAFT ENTITY
LOCATIO	N FORM TYPE RE The domain for the communities.		described or a	ppears w	hether in wo	ords, numl	pers of features (point line, polygon). This has been called feature in geospatial
		LOCATION FORM TYPE NAME	character	10	Yes	PK	The type of form in which the location is described or appears. point, line, polygon, tabular
LOCATIO	N SOURCE DESCR	RIPTION*	· I				APPROVED ENTITY: BLM
LOCATIO		ovide a second level of detail about the	e location (coo	rdinate) s	source origin	n. Note: th	ere is not a finite set of these values.
		LOCATION SOURCE DESCRIPTION CREATION DATE	date		Yes		The date on which the location source was originally created. This could just be a year (ccyy).
		LOCATION SOURCE DESCRIPTION STORED LOCATION TEXT	character	100	Yes		The text that provides the additional description of where the coordinate source can be found
		LOCATION SOURCE DESCRIPTION DEPICTION TEXT	character	20	Yes		The text that describes the actual resolution or scale in which the location is depicted. Examples for Resolution: 1 meter, 10 feet. Examples for Scale: 1 in 10,000, 1 in 100. This does not have a domain or list of valid values.
		DEPICTION TYPE NAME	character	10	Yes	FK	The name that designates the detail with which the location is depicted, either in resolution or scale.
		LOCATION SOURCE DESCRIPTION IDENTIFIER	integer		Yes	PK	The designed primary key that will uniquely identify a single occurrence of the entity.
		LOCATION SOURCE DESCRIPTION TEXT	character	200	Yes		The text that provides further details on the Location (coordinate) Source Description.

Entity	Entity		Type	Size	Req'd?	Key*	Definition
Name	Description	Logical Data Element Name			-		
		LOCATION SOURCE DESCRIPTION SPECIFIC NAME	character	40	Opt		The name that identifies a more specific description of the location (coordinate source).
		LOCATION SOURCE TYPE NAME	character	40	Yes	FK	The name that identifies the general category for the origin of the location coordinate, representing a compilation of the state adopted source codes. The domain contains those values that would most likely be used in the determination of source codes for the data set.
LOCATIO	N SOURCE TYPE	REFERENCE*					APPROVED ENTITY: BLM
		e types of sources for the original loca	tion description	n / form.			
		LOCATION SOURCE TYPE NAME	character	40	Yes	PK	The name that identifies the general category for the origin of the location coordinate, representing a compilation of the state adopted source codes. The domain contains those values that would most likely be used in the determination of source codes for the data set.
		LOCATION SOURCE TYPE TEXT	character	100	Yes		The text that describes the Location Source Type.
POINT FO	RM		•			•	DRAFT ENTITY
TORVITO		al abstraction of an object, with its loca	ation specified	by a set	of coordinat	es. (GIS d	
		LOCATION FORM IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.
		POINT FORM ACCURACY MEASURE	decimal		Yes		The measure that describes how close the spatial depiction of the point is to the actual location.
		POINT FORM UOM TYPE NAME	character	20	Yes		The name of the domain value associated with the Unit of Measure used for the Point Form Accuracy Measure.
POINT FO	RM DIMENSION The measure assoc	ciated with each dimension of a Coord	inate System.				DRAFT ENTITY
		PONT FORM DIMENSION MEASURE	decimal		Yes		The measure that is associated with a specific coordinate system dimension.
		LOCATION FORM IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.
		COORDINATE SYSTEM DIMENSION CODE	character	10	Yes	PK, FK	The code that is used to designate a dimension for a coordinate system type.
		COORDINATE SYSTEM ACRONYM CODE	character	10	Yes	PK, FK	The code that is considered the acronym for the coordinate system type.
POLYGON	An area bounded b	by a closed line. It is used to describe s cal environment, this includes all types					DRAFT ENTITY olitical boundaries and areas of homogeneous land use and soil types. (GIS dictionary).
		LOCATION FORM IDENTIFIER	integer		Yes	PK	The designed primary key that will uniquely identify a single occurrence of the entity.
		POLYGON FORM UOM TYPE NAME	character	20	Yes		The name of the domain value associated with the Unit of Measure used for the Polygon Form Length Measure.
		POLYGON FORM AREA MEASURE	decimal		Yes		The area of the polygon described in the Polygon Form UOM Type Name.

Entity Name	Entity Description	Logical Data Element Name	Type	Size	Req'd?	Key*	Definition
	LOCATION				DRAFT ENTITY		
	A valid relationship	between two LOCATIONs for a spec	cific reason.				
		RELATED LOCATION IDENTIFIER	integer		Yes	PK	The designed primary key that will uniquely identify a single occurrence of the entity.  The first location that has a relationship with another location.
		RELATED LOCATION REASON NAME	character	40	Yes		The name that indicates the reason why two locations are related. Possible values: multi-part polygon, polygon lines, overlapping polygons.
		RELATED LOCATION REASON DATE	date		Yes	PK	The date when two locations became related for the reason stated.
		LOCATION IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.
TABULAR	FORM						DRAFT ENTITY
	Descriptive inform	ation about a location, usually alphanu	meric. This ca	an be a si	ingle name o	r a combi	nation of attributes that make up an address.
		LOCATION FORM IDENTIFIER	integer		Yes	PK, FK	The designed primary key that will uniquely identify a single occurrence of the entity.
		TABULAR FORM TYPE NAME	character	20	Yes	FK	The name of the sub-category of the location form type which is true for tabular or alphanumeric descriptions of a location.
TABULAR	TABULAR FORM TYPE REFERENCE						DRAFT ENTITY
	The domain for the	type of tabular form that is being used	d to describe th				
		TABULAR FORM TYPE NAME	character	20	Yes	PK	The name of the sub-category of the location form type which is true for tabular or alphanumeric descriptions of a location.
						*Key	(PK: Primary Key) (FK: Foreign Key which is PK of related entity) (PK, FK: Foreign Key part of PK)