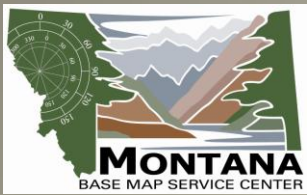# MSDI Cadastral Update

Stu Kirkpatrick
Chief, MT Base Map Service Center
MAGIP Spring Meeting
April 11 – 12, 2011
Lewistown, Montana

Topics

- Cadastral Web Application
  - Cartographic changes
  - Orion (Cama) changes
- Replication and Workflow
- Aggregated Land Ownership
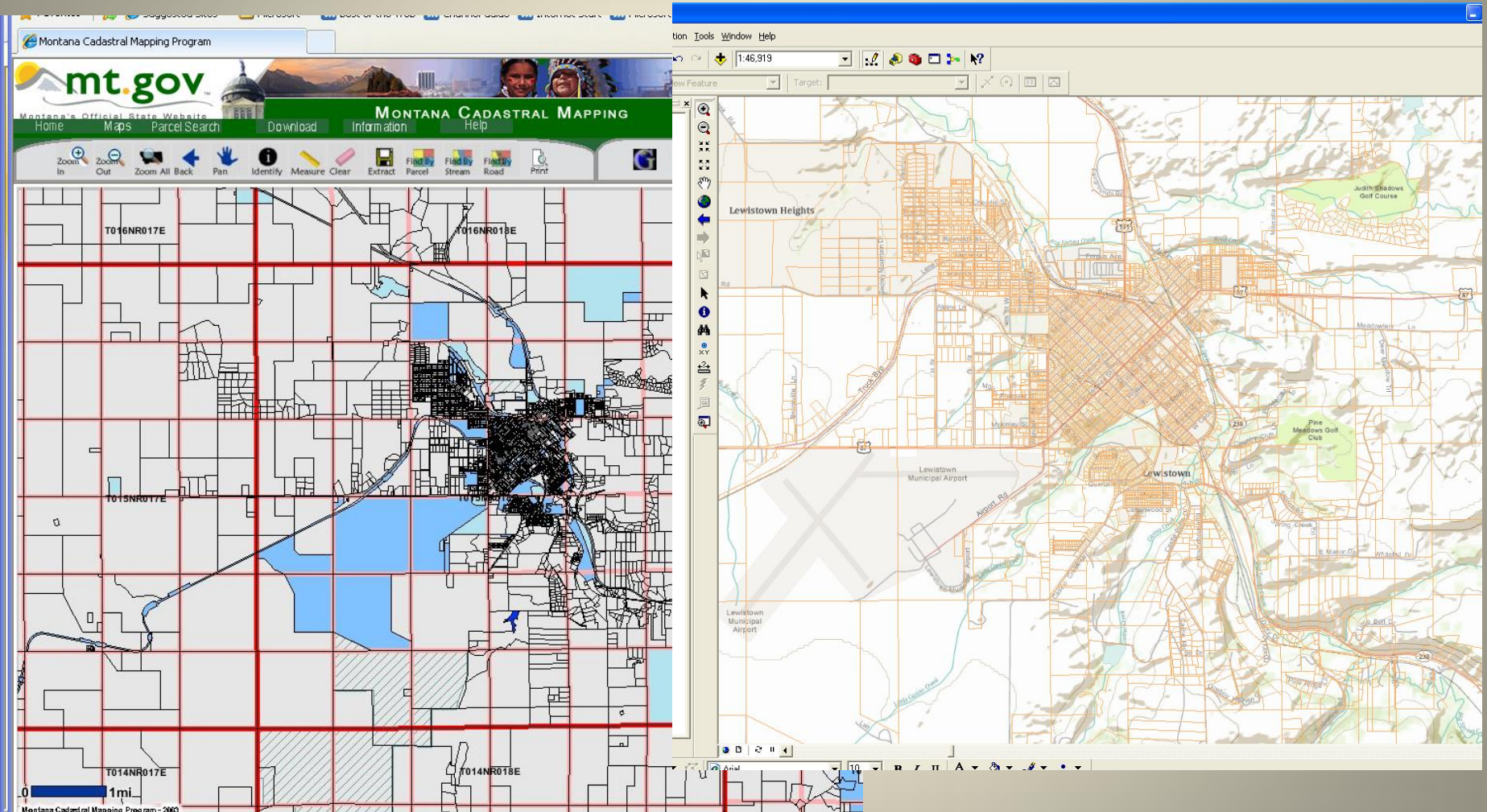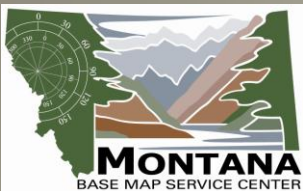 - Base Data
  - Value Added Products

Cadastral Web

- http://gis.mt.gov/
- New design fall 2011
  - Arc Server
  - Cadastral framework on cached base map
    - Web Mercator based – ArcGIS Online
  - Real-time (almost) ORION (DOR)data feed
  - Log in via e-pass

Cartographic Changes

Data Changes

INFORMATION UPDATED DECEMBER 2, 2010

General Parcel Information definitions

GEOCODE	05188831129430000
COUNTY ASSESSOR CODE	0000004906
SECTION	31
TOWNSHIP	T10NR03W
LEGAL DESCRIPTION	BLAKE ADDN AMENDED, S31, T10 N, R03 W, BLOCK 00P, Lot 006, BLAKE ADD AMEND BLK P LTS 6-7
PROPERTY ADDRESS	15 SHILAND ST 59601
ADDITION-SUBDIVISION	BLAKE ADDN AMENDED
LEVY DISTRICT	
COUNTY LEVY DISTRICT	
LEVY DISTRICT NAME	
TOTAL FINAL LAND VALUE	$67,430.00
TOTAL FINAL BUILDING VALUE	$165,670.00
2010 FULL REAPPRAISAL VALUE	$233,100.00
2010 TAXABLE MARKET VALUE	$100,926.00
DEED 1: BOOK, PAGE, DATE (mmddyy)	0M11, 03918, 12/7/90
DEED 2: BOOK, PAGE, DATE (mmddyy)	0M18, 07106, 11/21/96
OWNER NAME 1	KIRKPATRICK STEWART D & JANICE
TAXPAYER MAILING ADDRESS	15 SHILAND ST HELENA, MT 59601-5172

SITE INFORMATION definitions

Characteristic	CAMA Code, (Description)
GEOCODE	05188831129430000
NEIGHBORHOOD	215
NEIGHBORHOOD TREND	2, (stable)
RESIDENTIAL INDICATOR	dwelling
ACCESS	4, (proposed road) 5, (seasonal access)
FRONTING	2, (secondary artery)
LOCATION	0, (rural land)
TOPOGRAPHY	1, (level)
UTILITIES	1, (all public) 4, (public sewer)

Show Definitions

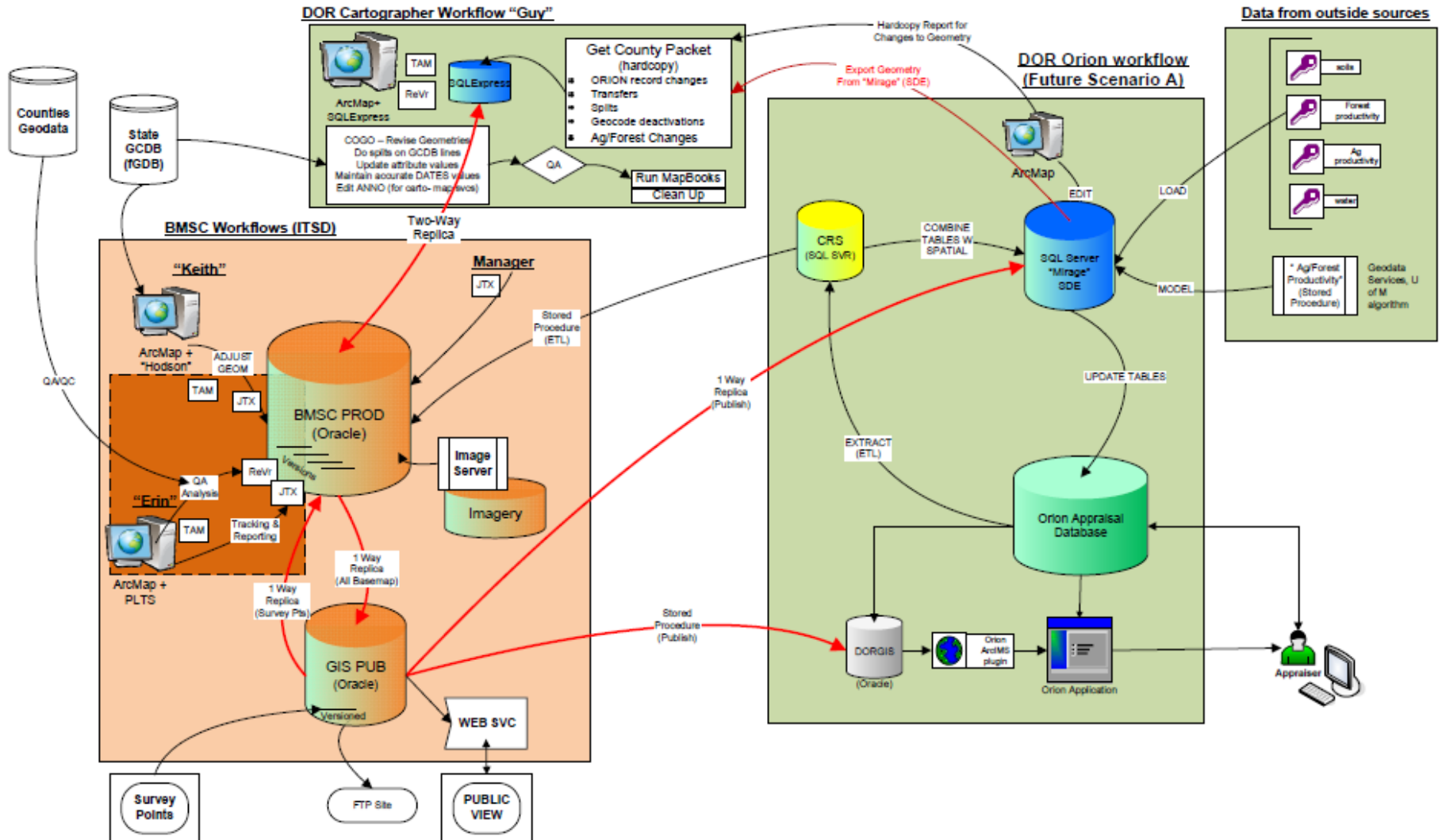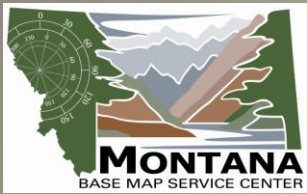**Property Record Card** Tax Year: 2011 Data last updated on 04/05/2011

Summary | Owners | Appraisals
Market Land Info | Dwellings | Other Bldgs/Improvements | Commercial | Ag/Forest Land

Primary Information

Property Category:	Real Property	Subcategory:	Real Property
Geocode:	05-1888-31-1-29-43-0000	Assessment Code:	0000004906
Primary Owner:	KIRKPATRICK STEWART D & JANICE M 15 SHILAND ST HELENA, MT 59601-5172	Property Address:	15 SHILAND ST HELENA, MT 59601

NOTE: See the Owner tab for all owner information

Certificate of Survey:		COS Parcel:	
Subdivision:	BLAKE ADDN AMENDED 215		
Legal Description:	BLAKE ADDN AMENDED, S31, T10 N, R03 W, BLOCK 00P, Lot 006, BLAKE ADD AMEND BLK P LTS 6-7		
Last Modified:	12/4/2010 2:42:40 PM		

General Property Information

Neighborhood:	215	Property Type:	RU - Residential Urban
Living Units:	1	Levy District:	05-048701-0101
Zoning:	2	Ownership %:	100
Linked Property:			

No linked properties exist for this parcel

Exemptions:

No exemptions exist for this parcel

Condo Ownership:			
General:	0	Limited:	0

Property Factors

Topography:	1	Fronting:	4 - Residential Street
Utilities:	1,4,9 **Show Code Table**	Parking Type:	1 - Off Street
Access:	2	Parking Quantity:	2 - Adequate
Location:	5 - Neighborhood or Spot	Parking Proximity:	3 - On Site

Land Summary

Land Type	Acres	Value
Grazing	0.000	0
Fallow	0.000	0

Cadastral Workflow and Replication

Aggregated Land Ownership – Explanation and Options

- Often used as a cartographic background or base map

- Several options exist

- Read the <u>METADATA</u>

- Be aware of update issues

- BMSC/NRIS/MT Natural Heritage programs are working together to add value and educate users

Montana GIS Portal

This layer has been replaced by four separate layers that represent ownership, management, conservation leases, and conservation easements. The metadata for the ownership layer at http://nris.mt.gov/nsdi/nris/stew_owners.html has links to the new ownersh...

NRIS Data List

BMSC Data Page

Public Lands – Working Copy
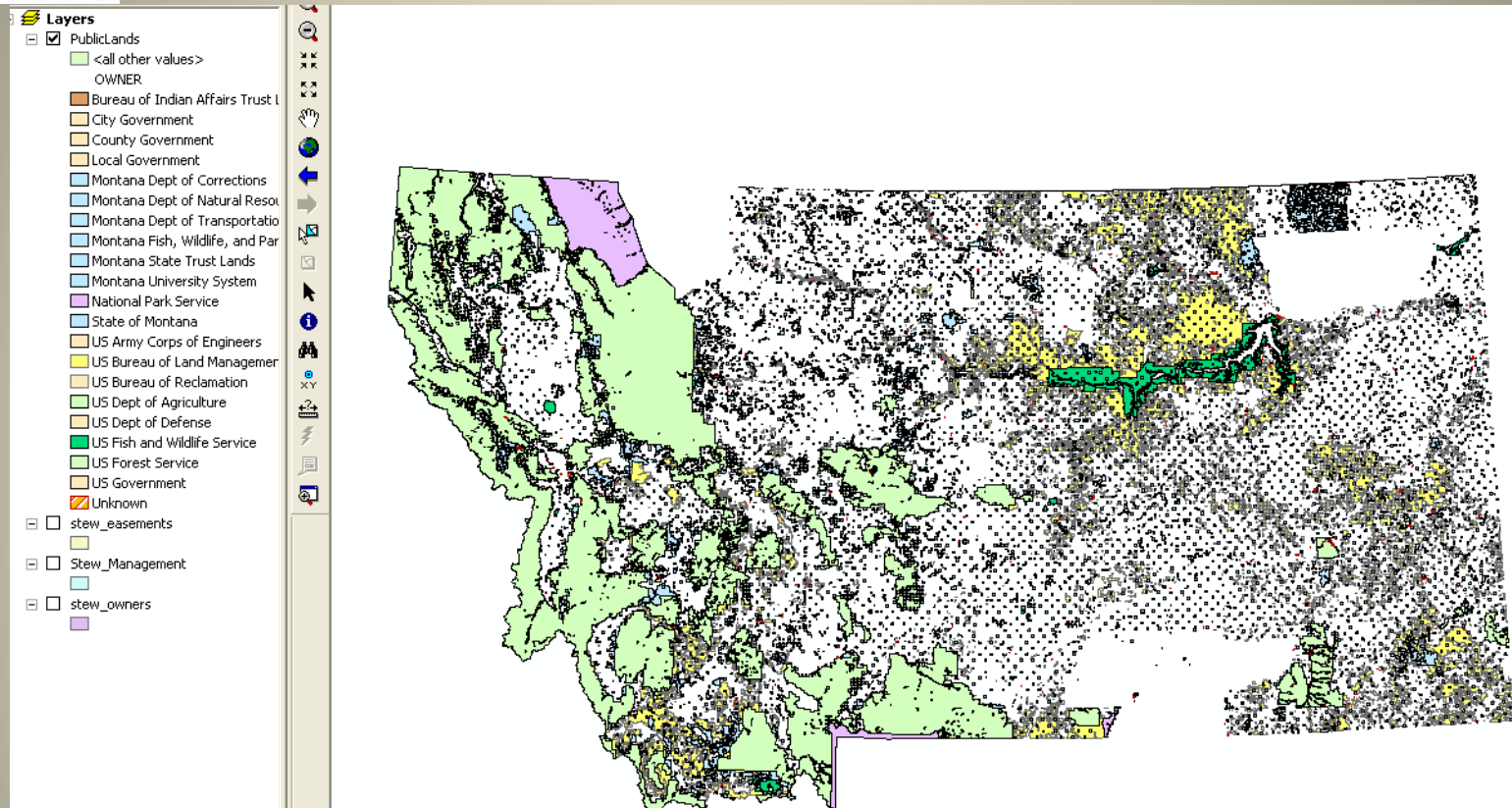
Abstract: The Montana Public Land ownership layer contains most public administered lands that are at least 40 acres in size. The data was vertically integrated from the statewide Montana Cadastral layer to correspond with the public ownership records found in the original MTNHP Stewardship Data. In the present data, tribal lands have been omitted because of conflicting ownership records. These records will be added when more information becomes available. All MTNHP Stewardship attributes have been eliminated except "Owner". Conservation Easements have been removed from the layer and are now in a new Easements Feature Class found in the Montana Cadastral Data Model. Private lands found in the former Stewardship Data have been 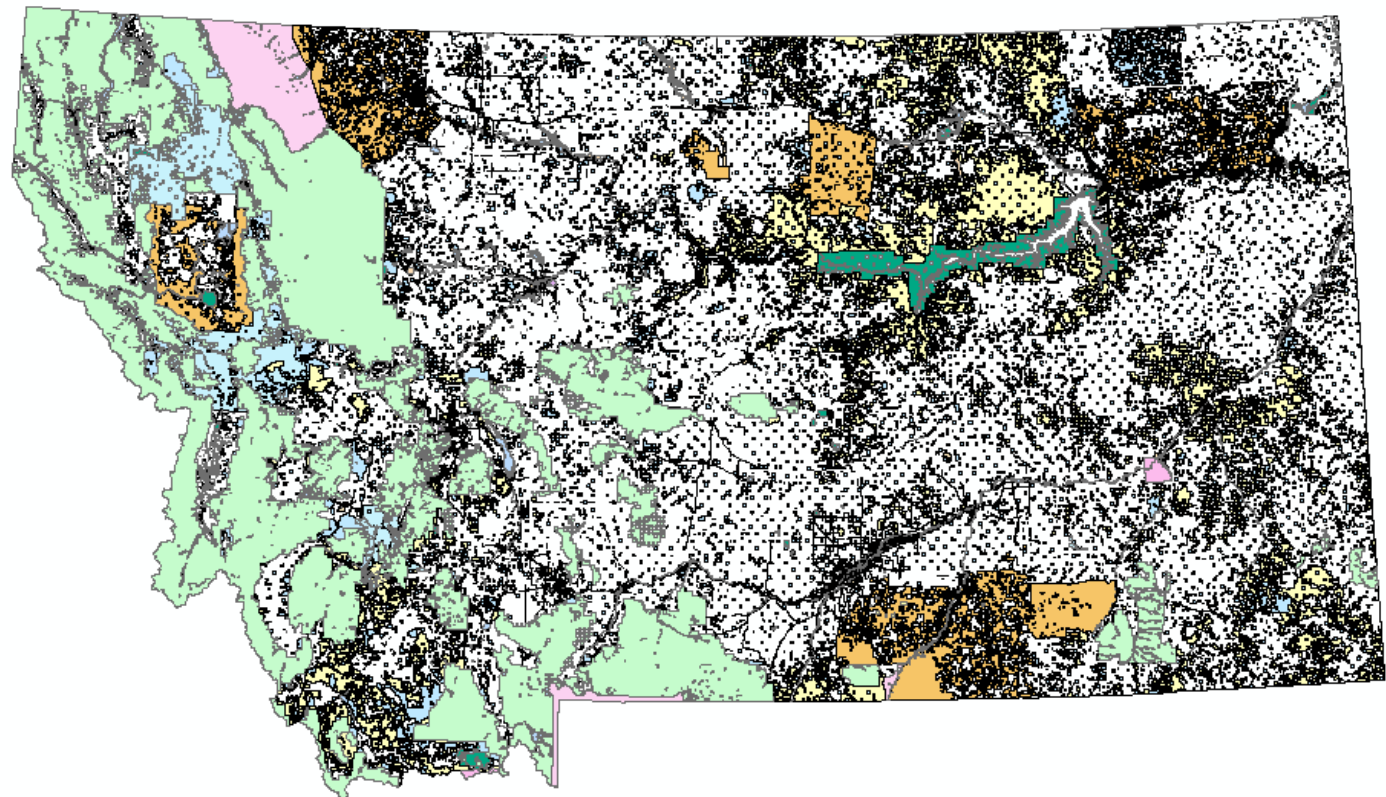eliminated (Plum Creek, etc.). Note: The MTNHP Stewardship's land management, easement, and lease status information that were associated with the original Montana Stewardship layer were moved to separate layers by MTNHP and are available at: http://nris.mt.gov/nsdi/nris/stew_easements.html, http://nris.mt.gov/nsdi/nris/stew_leases.html http://nris.mt.gov/nsdi/nris/stew_management.html
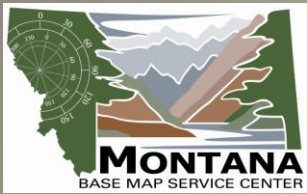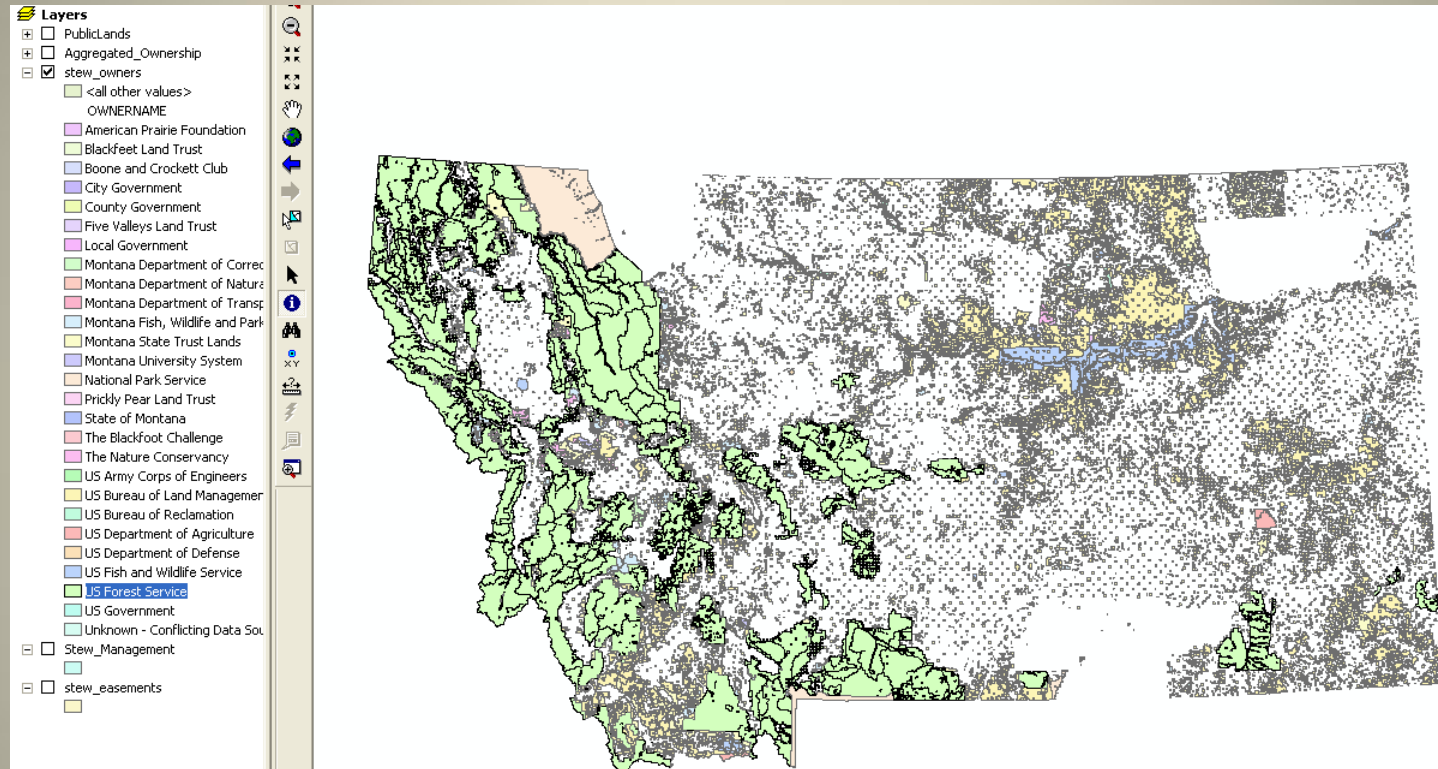
Land Tenure – Cadastral Web

Land Ownership of Public and Conservation Lands (MTNHP)

The goal of the Montana Land Stewardship Mapping Project is to manage a single, statewide digital data set that incorporates information from both public and private entities. The project assembles information on land ownership and management, conservation easements, state and federal agencies, and land trusts on a regular basis, with a major database update occurring annually.

This layer contains parcels owned by local, state, and federal agencies, land trusts, and other private conservation organizations.

Montana Managed Areas (MTNHP)
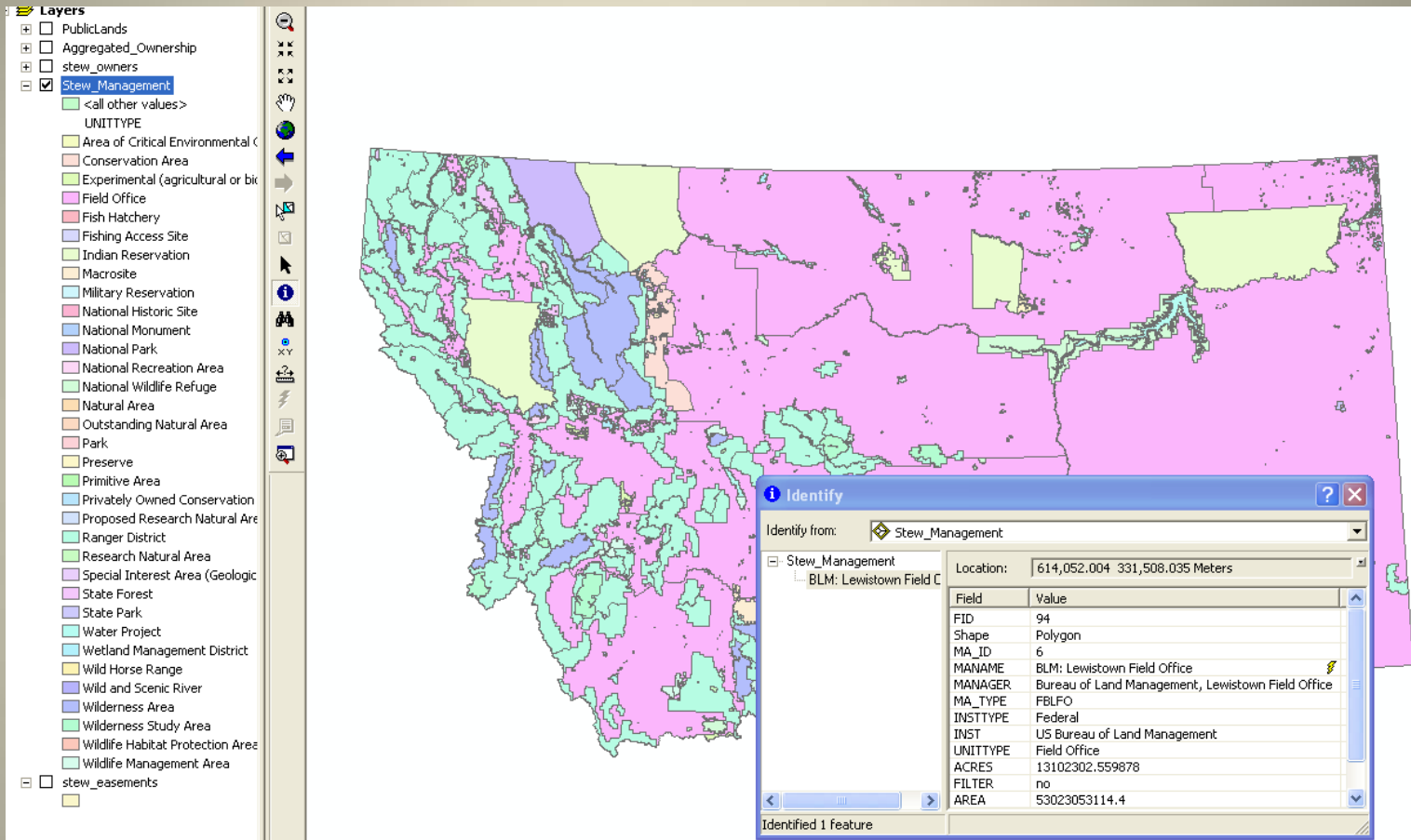
The Montana Managed Areas layer contains information on special land designations that impact management decisions. Examples include Indian Reservations, National Wildlife Refuges, State Parks, and Wilderness Areas. Managed Area boundaries do no necessarily correspond to ownership boundaries; a Managed Area may be made up of fee lands, easements, leased lands, and/or other terms. The other Stewardship layers may be refered to for ownership and conservation easement information.

Montana Conservation Easements (MTNHP)
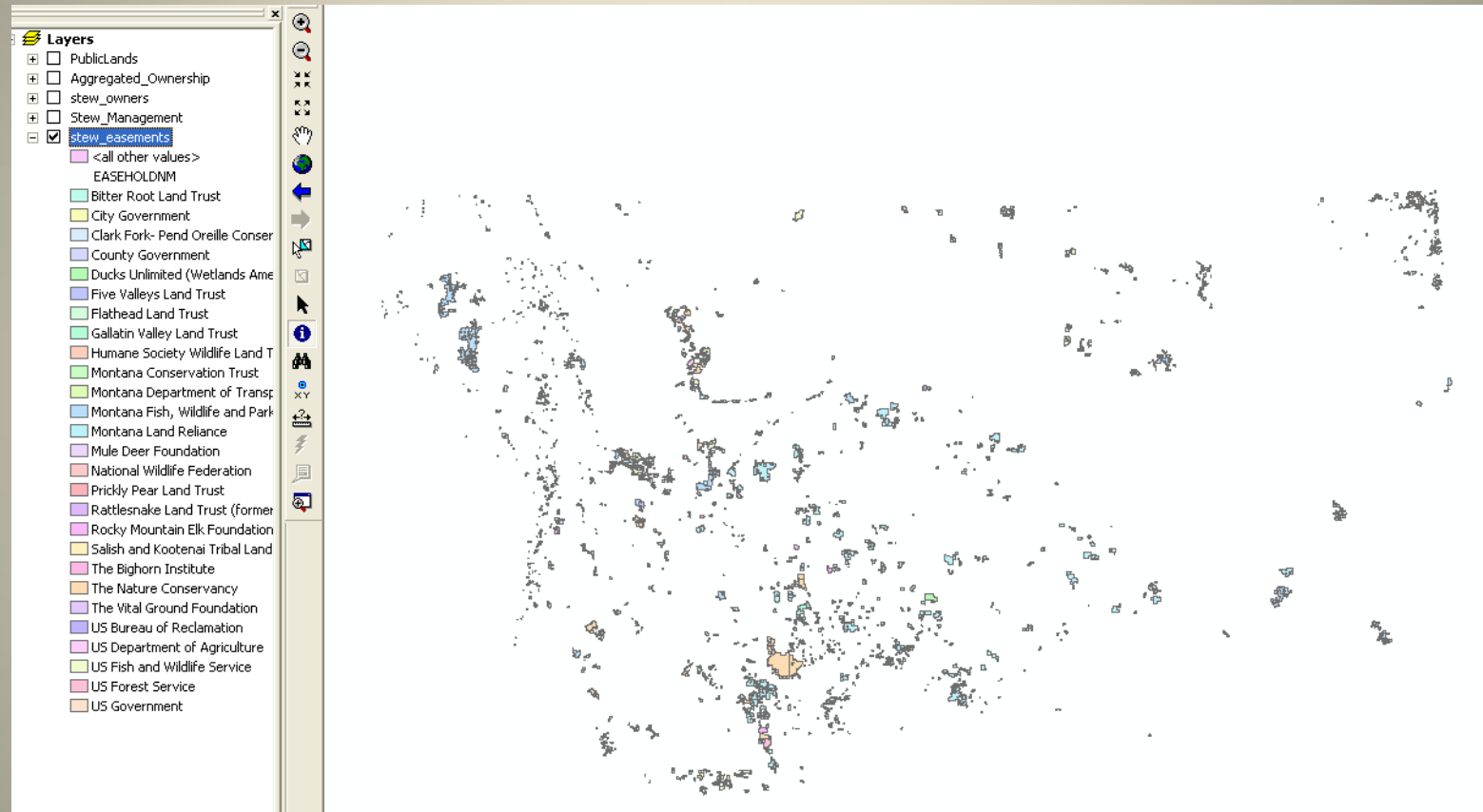
The Montana Conservation Easement data contains parcels on which a qualified Land Trust has place a Conservation Easement in cooperation with the land owner.