

**MIDPOINT ASSESSMENT PRIORITY WORK PLAN:  
FEDERAL LANDS  
LEAD: LAND USE WORKGROUP**

**Full Title of Priority:** Accurate representation of federal land boundaries and land uses within those boundaries.

**Priority Level:** Low

**Short Description of Priority:** Improve the accuracy of federal land boundaries and land use information informing the Phase 6 suite of models for the purposes of:

- Tracking BMPs on federal lands;
- Estimating loads from federal lands;
- Running BMP scenarios on federal lands;
- Providing the capability for federal agencies to develop and evaluate alternative implementation scenarios.

**Supporting Partners:** CBP Federal Facilities Team, Modeling Workgroup

**Necessary Datasets, Analyses, or Decisions:** Federal land ownership boundaries and land uses within those boundaries.

**Start Date:** February 2013

**Background:**

In support of the Executive Order, GIS vector data representing federally owned land boundaries were collected from federal agencies and state GIS websites in November 2010. The current GIS vector dataset attribute schema is described below.

**Federal Land Database Attribute Schema:**

FID – Polygon feature identification number

CBPOType - Category for internal CBPO classification (broad ownership class)

STATE AREA\_NAME – Property Name

FEE\_OWNER - Agency that owns the land (when available)

SOURCE - Agency or website where data were collected (incomplete)

DEPARTMENT - Department that is custodian of the land (incomplete)

MAAGENCY – Department or agency that manages the property, other than the owner (incomplete)

AGENCY- Agency code created for raster processing (internal CBPO use)

- 1 – Department of Defense
- 2 – U.S. Forest Service
- 3 – Department of Interior (NOT NPS or USFS)
- 4 – U.S. Department of Agriculture
- 5 – Smithsonian Institution
- 6 – National Park Service

- 7 – General Services Administration
- 8 – Department of Homeland Security
- 9 – Other

FACMAN - Facility Manager and contact information (incomplete)

REGCOORD - Regional Coordinator and contact information (incomplete)

NOTES- space for comments

AREAm2 – Polygon area in square meters (incomplete)

ACRES – Polygon area in acres (incomplete)

**Workplan:**

1. Finalize the intended use of the dataset by federal agencies (Fed.Fac.Team and LUWG);
2. Develop an attribute schema for federal lands that includes all of the necessary land use fields and other attributes needed to achieve the agreed upon purposes for the dataset. (Fed.Fac.Team, LUWG). Consider the current schema and additional standards established for the national Protected Areas Database  
[ftp://ftp.gap.uidaho.edu/outgoing/PADUS\\_download/PADUS\\_Standards.pdf](ftp://ftp.gap.uidaho.edu/outgoing/PADUS_download/PADUS_Standards.pdf)
3. Develop a mechanism to collect data and refine the federal land boundary and land use data. CBPO is exploring development of a password protected website on ChesapeakeSTAT where authorized personnel could add/edit a versioned geodatabase feature class and add/edit attribute information based on the agreed upon schema.

**Completion Date:** February 2015

**Level of Effort for Lead and Supporting Partners:** Low effort if federal partners assume responsibility for data improvements, otherwise high effort.

**Potential Conflicts with Other Priorities:** None.

**Issues Requiring Input from Full WQGIT:** None.

**Issues Requiring Input from Management Board and/or Principals' Staff Committee?**  
Securing commitment from federal agencies to review and update their data.

**Other Notes:** None.