Montana State Library (MSL)

Data Collection Management Process DRAFT

Document Status: Proposal/working draft; January 4, 2013 (Diane Papineau)

MSL GIS Data Clearinghouse

MSD I submissions
from external stewards (MBMG, USGS, NRCS, etc.)

Infrequent submissions of expected data (i.e. Census, NAIP)

Contracted data (Flathead, MT Dept. of Ag local food, etc.)

Unexpected incoming data others want us to host/serve

Data and metadata validated, appraised, and cleaned up into final SIPs.

Weekly or intermittent submissions of expected data (i.e. GWIC, Water rights, MGMG water wells)

Quarterly Dark Archive Snapshots

Frequent MSDI submissions from internal stewards (Cadastral, etc.)

Periodic publishing without archiving

Creation of DIPs for each repository

Submitted Working Data/Metadata under construction

Published metadata to Portal

Backup

Metadata

Data

Accessible Archive DIPs

Active Store DIPs

Zip files

Large files (SAN)

SDE

Web access storage

MSD I submissions
from internal stewards (Cadastral, etc.)

Frequently changing datasets

Data BAGGED for Dark Archive

Archival/Admin info entered in database

Simple Data Collection Management Database

Collection Management GUI/tool

Green: Management tool/data finding or access tools
Blue: Data file storage and movement
Brown: User metadata movement and storage
Pink: Management/archive metadata bits
Yellow: Task/Action
Gray: Backup or security copy

OAI S Terms:

SIP Submission Info Package
AIP Archival Info Package
DIP Dissemination Info Package

Montana GIS Portal

Web Data List

Staff “Sneakernet”

Data Bundler

In-house use

Web apps and map services

Montana GIS Portal

Data Collection Management Database

Web access storage

Backup

Metadata

Data