

CLS ANALYSIS
Tracking Implementation of Pima County *Conservation Lands*
System Conservation Guidelines for Development

WORKING DRAFT

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PROJECT GIS WORKSPACES

SOLARIS 10, ARC-GIS 9.1 and 9.2

PC resources (DSD): L:\compplan\gis\cls_anal\
SUN workspaces: /aspen1/projects/cls/
 /aspen1/cplan/amemends/

First analysis layers initiated 2004
CLS update – Comp Plan Amendment Co7-03-12

PURPOSE

Track implementation of Conservation Lands System (CLS) Conservation Guidelines for approved comprehensive plan amendments, rezonings, subdivision plats, and development plans.

The CLS identifies areas of high biological diversity. The CLS map and policies are adopted as a Comprehensive Plan Regional Policy. CLS Conservation Guidelines set expected levels of conservation associated with development projects which are acted upon by the Board of Supervisors (legislative act).

For purposes of this data set, RESERVED land means that it has been through Comprehensive Plan Amendment, Rezoning, and/or Subdivision or Development Plan approval processes, with explicit acknowledgement / understanding of and/or commitment to the requirements of the CLS Conservation Guidelines as they relate to the specific project.

MAP LAYER NAME CONVENTION

Map layer name: <cls_an{x}> where (x) is the version - as in <cls_an4>

 <CLS_an4> is current master with all data

 v.4 is Dec 2007 version – reorganized 2005 data only

 (v3 was corrupted → Arcedit under Solaris 10 is FRAGILE)

 b = output for inclusion in PRESERVE data layer, slightly reduced set of data fields

 Creation of output coverage <cls_an(x)b> is RESELECT on polygons with
 RESERVED (CLS-Implemented) acreage > 0.

SOURCE DATA

CLSADOPT - adopted CLS GIS layer

Comp Plan annual plan amendment database / map data AMEN2005 etc.
Rezoning case GIS database / polygons PCZONE and CONDZN
PAREGION

ASSUMPTIONS

Target acres = acres X CLS category multiplier:

Important Riparian Areas = .95 until taken over by RFCD

Biological Core Management Area = 0.80

Special Species Management Area (SSMA) = 0.80

Held as separate data field in CLSOVERL;

Implementation = most restrictive when overlaying another CLS designation

Multiple Use Management Areas = 0.75 until June 2005, then 0.66

GENERAL PROCEDURES

Create tracking map layer

Create output layer of RESERVED polygons for PRESERVE layer

Identify approved cases by year with CLS-designation intersect.

Calculate conservation target (acres) by CLS-designated areas

(Acres X Multiplier = target

Determine actual conservation achieved – from BOS decisions, RZ or CP case files, plats, other recorded parcels, adopted comp plan rezoning policies, rezoning conditions, other sources.

THIS IS NOT NECESSARILY A GIS CALC. Land Base may result in different value.

Identify cases, CLS category, implementation information, status, etc.

Still building background info, such as correct case names.

CASE TYPE HIERARCHY

Development entitlement / case type hierarchy:

1. Comp Plan amendment

2. Rezoning

3. Subdivision / Development Plan.

Moving left to right results in more certainty, precision

CPA -> RZ -> SD/DP

Recorded / restricted parcels are final implementation on private development.

May be in different geographic space than CLS designated area.

RZ and CPA may have project boundary with no internal polygons, using multiplier only to calc target values. CASE BY CASE....

<CLS_AN(x)> DATA FIELD DESCRIPTIONS

ACRES

GIS calc on all polygons (same as GIS_ACRES)

ACR_TRGT

"Acres – Target"

Expected acres of conservation per CLS category guideline
[Area/CLS designation x CLS guideline multiplier]

ACR_ACTL

"Acres Actual"

Actual conservation / ACRES

DO NOT re-calc ACTUAL / TARGET FIELDS

Values may not be GIS calcs.

CLS Conservation Guideline multipliers are:

Important Riparian Areas 0.95

Biological Core Management Areas (BIO-CORE) 0.80

Multiple Use Management Areas 0.75 until June 2005, then 0.66

Special Species Management Area (Overlay) 0.80

CPA_CASE

Comp Plan amendment case number – 200327

[CPA_CASE2 – Co7 number type / short name / coming soon].

RZ_CASE

Rezoning case number 2003027

[RZ_CASE2 – Co9 # / short name / coming soon]

SD_BKPG

Recorded subdivision - identifier 73025 (Book 73, Pg 027)

SD_NAME P12 / Co12 / short name / coming soon

DP_NAME – same case number types / coming soon Thanks a lot!!

NOTES

General text notes

NOTES_RZ

Text notes on RZ cases

AMEND-TO

Comp Plan designation - amended TO

DESC

CLS Designation / short name

IMPCHAIN

Implementation chain

Shows string of land use entitlements; full chain is cpa-rz-sd/dp

(comprehensive plan amendment, rezoning, subdivision / development plan)

IMPLAST

Single implementation attribute, the latest in the chain, current status

[if IMPCHAIN = CPA-RZ, then IMPLAST = RZ]

IMPPOINT

A "Y" on one label point per case to place case number label. Intended to label only one point in for (cpa, rz, sd/dp) cases including with multiple-polygons.

selected by type and distinguished by color for ARCPLOT map.

resel <cov> poly IMPLAT = 'CPA'

resel IMPPOINT = 'Y'

textcolor, font, textsize, etc

labeltext <cov> cpa_case...
&etc...
DIFF Text tag, gain /loss of habitat relative to acres - target
CLSOVERL
CLS Overlay
= SSMA – Special Species Management Area
STATUS
RESERVED - DSD category, all levels of conservation commitment / case types
CFS-ONLY – early requirement of conservation guidelines included all washes of
250 CFS or greater. Not mapped data, not included in tracking totals, has
been eliminated. This is legacy data not reported to the PRESERVE layer.

DSDDATE Generalized October 2005 date tag = 20051000 (analysis data set date)
May use approval dates when data catches up to real time?
Formatted for addition to PRESERVE layer
Could move to ACQDATE but it is different.

“b” version <cls_an(x)b>

1. Reselected for polygons where reserved acres (ACR_ACTL) >0
2. Following items are stripped out; they may be under construction in master tracking coverage or not relevant to PRESERVE aspect of project.

NOTES
CFS250
ACRES_RZ
NOTES_RZ
RZ_NAME
CPA_NAME
SD_NAME
DP_NAME

ENDS HERE 12/07 JV