

STANDARDIZATION GUIDELINES
for
ENVIRONMENTAL ANALYSIS DATA
FINAL
July 31, 2008

Introduction

Section 3140 of the Land Development Regulations (LDRs) requires that all Environmental Analysis (EA) data be provided digitally in a form compatible with the County GIS system. The purpose of this document is to notify the public of the compatible County formats and County standardization of EA data.

For each EA that is submitted to the Planning Department, all digital mapping components of that EA are required. Below is a list of the individual layers that will be required to be submitted digitally. Some or all of the layers may or may not be relevant to a particular project.

EA mapping layers shall be georeferenced in State Plane coordinates. Each required layer shall be provided in separate MapInfo Tables or Esri Shape Files. AutoCad files may be accepted under certain circumstances; however a data processing fee may be assessed. The following layers will be required as applicable and under some circumstances additional layers not listed below may be required:

Vegetation Cover Types - 3
Wetlands - 3
Resource setbacks - 3
Waterbodies - 3 and/or 1 (Rivers, Streams, Ditches, ponds, channels)
Floodplains - 3
Wildlife - 3 (may be required if different than County/GF data)
Raptor Nests - 1
Development Impact Area - 3
Mitigation Areas - 3

*required feature type for layer = point - 1, line - 2, polygon - 3

Following this page is a table for each of the layers. Each layer is to include an attribute table with the information indicated on the following tables. All attributes may not be relevant for all projects. In addition, there is a table containing a key for cover type and wetland type codes to be used in the attribute tables. Covertypes codes will be included in the zip file on the GIS data download on the County website at www2.tetonwyo.org/GIS/download.

VEGETATION					
Source	Date	Permit # *	Cover Type Code	Predominate Understory	Notes
BRCI, IMA, etc.	Date of EA	Source of information EVA, GEC, etc.	See cover type key	herbaceous, shrub	

* Fields to be populated by Planning Department.

COVER TYPE KEY	
MESIC COVER TYPES	
Cover Type (Section 3211)	Cover Type Code
Aspen – Mature	MAM
Aspen – Immature	MAI
Narrowleaf Cottonwood - Mature	MCM
Narrowleaf Cottonwood - Medium	MCMed
Narrowleaf Cottonwood - Immature	MCI
Cottonwood/Spruce	MCS
Other Mixed forest*	MMF
Coniferous Forest *	MCF
Tall Forb*	MTF
Tall Shrub*	MTS
NON-MESIC COVER TYPES	
Aspen – Non-Mesic -Mature	NAM
Aspen – Non-Mesic - Immature	NAI
Lodgepole Pine	NLP
Subalpine Fir/Spruce	NFS
Douglas Fir	NDF
Limber Pine/Juniper	NLJ
Tall Shrub	NTS
OTHER	
Mesic shrub	MSh
Xeric Shrub	XSh
Scrub	SCR
Mesic Grassland	MGr
Xeric Grassland	XGr
Disturbed	Dist
Agricultural Meadow - passive	AgMp
Agricultural Meadow - intensive	AgMi
Open Water	OW
WETLANDS	
Emergent Wetland	WEem
Scrub-Shrub Wetland	WSS
Forested Wetland	WFor
<p>*Identify predominate species in notes column of vegetation cover type attribute table.</p> <p>Covertime codes will be included in the zip file on the GIS data download on the County website at www2.tetonwyo.org/GIS/download.</p>	

WETLANDS						
Source	Delineation Date	ACOE Verification Date	Verification Expiration Date	Permit # *	Wetland Type Code	Notes
BRCI, IMA, etc.	Date of Delineation	Date of verification letter		Source of information EVA, NRR, GEC, etc.	See cover type key	

* Fields to be populated by Planning Department.

RESOURCE SETBACKS					
Source	Date	Setback Type	Distance	Permit # *	Notes
BRCI, IMA, etc.	Date of EA	Stream, wetland, river, pond, ditch, cutthroat trout, trumpeter swan, eagle, etc.	Setback distance in feet (this may be a range, i.e. 50-75ft)	Source of information EVA, NRR, GEC, etc.	

* Fields to be populated by Planning Department.

WATERBODIES					
Source	Date	Waterbody Type	Name	Permit # *	Notes
BRCI, IMA, etc.	Date of EA	Stream, river, pond, ditch, unprotected channel	Name of waterbody	Source of information EVA, NRR, GEC, etc.	

* Fields to be populated by Planning Department.

FLOODPLAINS							
Source	Date	Type	Name	Permit # *	LOMAR	LOMAR Date	Notes
BRCI, IMA, etc.	Date of hydrologic analysis	floodway, 10-year, 100-year, 500-year	Name of waterbody	FPR#	yes/no		

* Fields to be populated by Planning Department.

RAPTOR NEST / PERCHES					
Source	Date	Type	Tree	Permit # *	Notes
BRCI, IMA, etc.	Date of EA	red tail hawk, bald eagle, etc.	tree species	EVA, NRR	

* Fields to be populated by Planning Department.

WILDLIFE				
Source	Date	Type	Permit # *	Notes
BRCI, IMA, etc.	Date of EA	Elk Migration, etc.	EVA, NRR	

Note: This layer is for wildlife data that is new/different from County and WyomingGame and Fish data.

* Fields to be populated by Planning Department.

DEVELOPMENT IMPACT AREA							
Source	Date	BCC Approved? *	Planning Director Approved? *	Date Approved	Permit # *	Type	Notes
BRCI, IMA, et.c	Date of EA/NRR	yes, no, na	yes, no, na		EVA, NRR	temporary, driveway, road, structures, proposed BE, Alternative 1BE, Alternative 2BE, etc.	

* Fields to be populated by Planning Department.

MITIGATION SITE							
Source	Date	BCC Approved *	Planning Director Approved *	Date Approved *	Type	Permit # *	Notes
BRCI, IMA, etc.	Date of EA, NRR, mitigation plan	yes, no, na	yes, no, na		wetland enhancement/ creation, stream restoration, forest restoration, aspen creation, sagebrush, etc.	EVA, NRR, GEC, DEV	

* Fields to be populated by Planning Department.