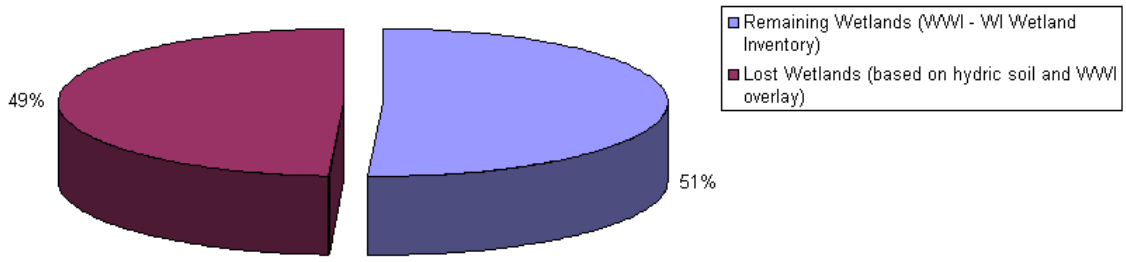
Elk Creek Watershed (BT03)
Wetlands Summary, 2010

BT03 Historical and Current Wetland Status

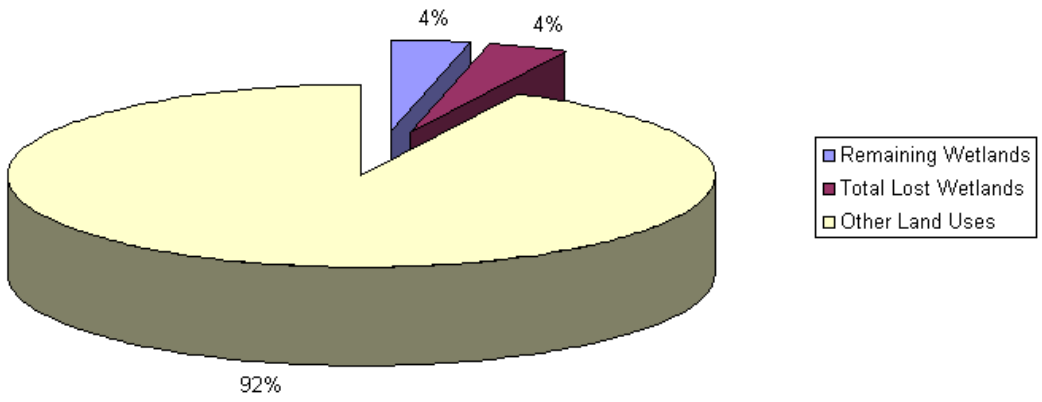
Historical Wetland Loss from Pre-settlement to Current Day	Acres	% of Original (Pre-settlement) Wetlands
Original Wetlands (pre-settlement estimate based on hydric soil)	5443	100%
Remaining Wetlands (WWI - WI Wetland Inventory)	2761	51%
Lost Wetlands (based on hydric soil and WWI overlay)	2682	49%

Historical Wetland Loss From Pre-settlement to Current Day



Current Wetland Status of Watershed	Acres	% of Watershed
Original Wetlands	5443	8%
Remaining Wetlands	2761	4%
Total Lost Wetlands	2682	4%
Other Land Uses	69528	96%
Total Watershed	72289	100%

Elk Creek
Current Wetland Acres vs. Other Land

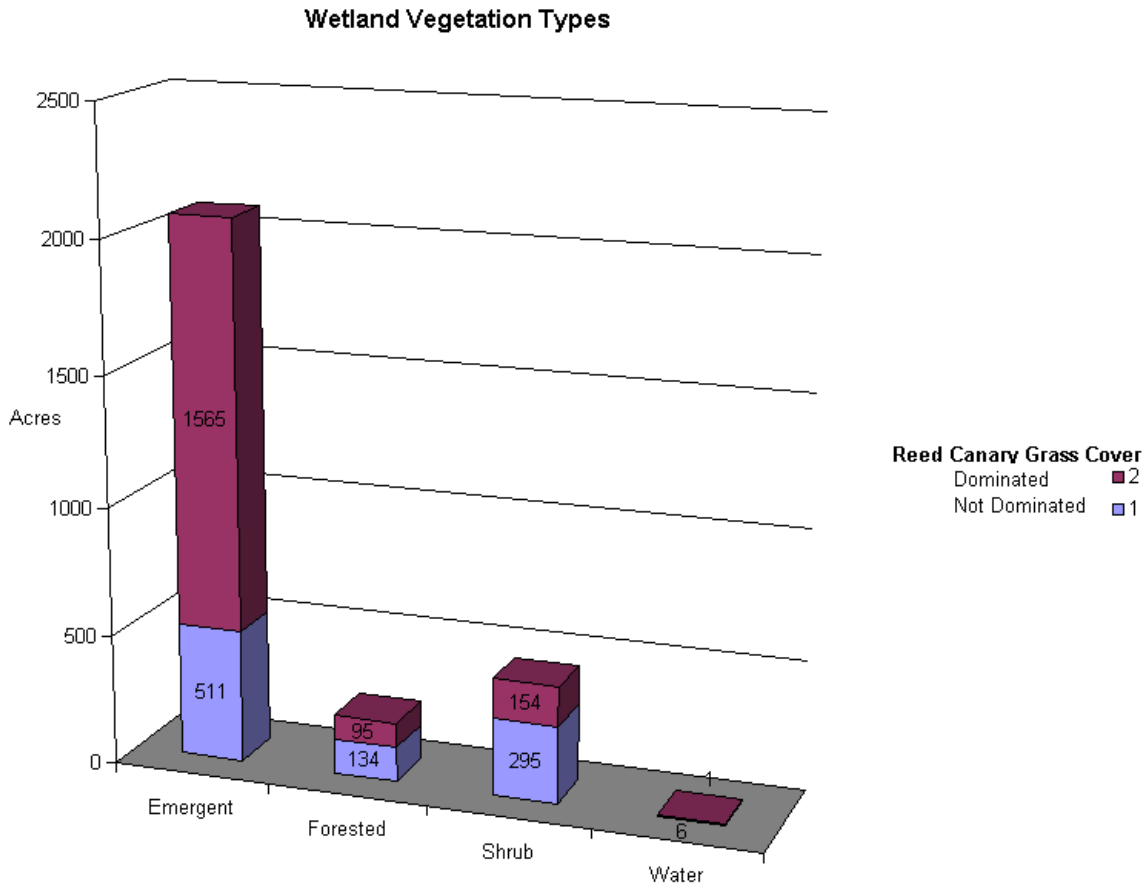


BT03 Wetlands by Type

Type	Acres	% of Wetland
Shallow Open Water	7	0%
Emergent (Marshes and Meadows)	2076	75%
Shrub	449	16%
Forested	229	8%
Other	0	0%
Total	2761	100%

BT03 Wetlands with Reed Canary Grass Infestation

Type	Acres	% of Wetland
Shallow Open Water	1	0%
Emergent (Marshes and Meadows)	1565	86%
Shrub	154	8%
Forested	95	5%
Other	0	0%
Total	1815	100%



Wetland Status

The Elk Creek Watershed lies within three combined basins, the Black, Buffalo, and Trempealeau River (BBT), located in West Central Wisconsin. Roughly 4% of the current land uses in the watershed are wetlands. Only 4%, or half, of original wetlands in the watershed are estimated to exist. Of these wetlands, the majority are emergent wetlands (75%), which include marshes and wet meadows, and shrub wetlands (16%).

Wetland Condition

Little is known about the condition of the remaining wetlands but estimates of reed canary grass infestations, an opportunistic aquatic invasive wetland plant, into different wetland types has been estimated based on satellite imagery. This information shows that reed canary grass dominates 86% of the existing emergent wetlands and 8% of the remaining shrub wetlands. Reed Canary Grass domination inhibits successful establishment of native wetland species.

Wetland Restorability

Of the 2682 acres of estimated lost wetlands in the watershed, approximately 99% are considered potentially restorable based on modeled data, including soil types, land use and land cover (Chris Smith, DNR, 2009).

BT03 Restorability of Lost Wetlands

Restorability of Lost Wetlands	Acres	% of Lost Wetlands
Potentially Restorable	2646	99%
Not Likely To Be Restored (Urban land use)	1	0%
Smaller than 0.5 acres	36	1%
Total Lost Wetlands	2683	100%