Appendix E

Physical Alteration Data

Natural Alterations

SITE	Beaver Activity	Insect Infestation	Storm damage	Flood events	Other
LowerOtter1_Plot	0	0	0	1	0
LowerOtter1_buffer	0	0	0	2	0
LowerOtter2_plot	0	0	0	0	0
LowerOtter2_buffer	0	0	0	0	0
LowerOtter3_plot	0	0	0	0	0
LowerOtter3_buffer	0	0	0	0	0
LowerOtter4_plot	0	0	1	0	0
LowerOtter4_buffer	0	0	0	0	0
LowerOtter5_plot	0	0	0	0	0
LowerOtter5_buffer	0	0	0	0	0
UpperOtter1_Plot	0	0	0	0	0
UpperOtter1_Buffer	0	0	0	0	0
UpperOtter2_Plot	0	0	0	0	0
UpperOtter2_buffer	0	0	0	0	0
UpperOtter3_Plot	0	0	0	0	0
UpperOtter3_Buffer	0	0	0	0	0
UpperOtter4_Plot	1	0	0	0	0
UpperOtter4_Buffer	1	0	0	0	0
UpperOtter5_Plot	0	0	1	0	0
UpperOtter5_Buffer	0	0	0	0	0
Blackstone1_Plot	0	0	0	0	0
Blackstone1_Buffer	0	0	0	0	0
Blackstone2_Plot	0	0	0	2	0
Blackstone2_buffer	0	0	0	3	0
Blackstone3_Plot	0	0	0	1	0
Blackstone3_Buffer	0	0	0	2	0
Blackstone4_Plot	0	0	0	0	0
Blackstone4_buffer	0	0	0	0	0
Blackstone5_plot	0	0	0	1	0
Blackstone5_buffer	0	0	0	2	0
Kettle1_plot	0	0	0	0	0
Kettle1_buffer	0	0	0	0	0
Kettle2_plot Kettle2_buffer	0	0	0 0	0 0	0
Kettle3_plot	0 0	0			0 0
Kettle3_buffer	0	0	0 0	0 0	0
Kettle4_plot	0	0	0	0	0
Kettle4_buffer	1	0	0	0	0
Kettle5_plot	0	0	0	0	0
Kettle5_buffer	0	0	0	0	0
	0	0	0	5	Ū

Anthropogenic Alterations

	Water Control			Impervious		Landscaped	Soil
SITE	Structures	Ditching	Roads	Surface	Structures	Areas	Disturbance
LowerOtter1_Plot	0	0	0	0	0	0	0
LowerOtter1_buffer	0	0	0	0	0	0	0
LowerOtter2_plot	0	0	0	0	0	0	0
LowerOtter2_buffer	1	0	1	0	0	0	0
LowerOtter3_plot	0	0	0	0	0	0	0
LowerOtter3_buffer	0	0	0	0	0	0	0
LowerOtter4_plot	0	0	0	0	0	0	0
LowerOtter4_buffer	0	0	1	1	0	1	0
LowerOtter5_plot	0	0	0	0	0	0	0
LowerOtter5_buffer	0	0	1	1	0	0	0
UpperOtter1_Plot	0	0	0	0	0	0	0
UpperOtter1_Buffer	0	0	1	1	0	1	0
UpperOtter2_Plot	0	0	0	0	0	0	0
UpperOtter2_buffer	0	0	0	0	0	0	0
UpperOtter3_Plot	0	0	0	0	0	0	0
UpperOtter3_Buffer	0	0	0	0	0	0	0
UpperOtter4_Plot	0	0	0	0	0	0	0
UpperOtter4_Buffer	0	0	0	0	0	0	0
UpperOtter5_Plot	0	0	0	0	0	0	1
UpperOtter5_Buffer	0	0	0	0	0	0	1
Blackstone1_Plot	0	0	0	0	0	0	0
Blackstone1_Buffer	0	0	0	0	0	0	0
Blackstone2_Plot	0	0	0	0	0	0	0
Blackstone2_buffer	0	0	0	0	0	0	0
Blackstone3_Plot	0	0	0	0	0	0	0
Blackstone3_Buffer	0	0	0	0	0	0	0
Blackstone4_Plot	0	0	0	0	0	0	0
Blackstone4_buffer	0	0	0	0	0	0	0
Blackstone5_plot	0	0	0	0	0	0	0
Blackstone5_buffer	0	0	0	0	0	0	0
Kettle1_plot	0	0	0	0	0	0	0
Kettle1_buffer	0	0	0	0	0	0	0
Kettle2_plot	0	1	0	0	0	0	0
Kettle2_buffer	0	1	0	0	0	0	0
Kettle3_plot	0	1	0	0	0	0	0
Kettle3_buffer	0	1	0	0	0	0	0
Kettle4_plot	0	0	0	0	0	0	0
Kettle4_buffer	0	0	0	0	0	0	0
Kettle5_plot	0	0	0	0	0	0	0
Kettle5_buffer	0	0	0	0	0	0	0

Anthropogenic Alterations

SITE	Spills	Trash, Litter	Dumping, debris	ATV Use	Vegetation removal	Herbicide	Fire	Other
LowerOtter1_Plot	0	1	0	0	0	0	0	4
LowerOtter1_buffer	0	0	0	0	0	0	0	4
LowerOtter2_plot	0	0	0	0	0	0	0	4
LowerOtter2_buffer	0	0	0	1	1	0	0	4
LowerOtter3_plot	0	0	0	0	1	0	0	0
LowerOtter3_buffer	0	0	0	0	1	0	0	0
LowerOtter4_plot	0	0	0	0	0	0	0	0
LowerOtter4_buffer	0	1	0	0	0	0	0	0
LowerOtter5_plot	0	0	0	0	0	0	0	0
LowerOtter5_buffer	0	0	0	0	0	0	0	0
UpperOtter1_Plot	0	0	0	0	0	0	0	0
UpperOtter1_Buffer	0	1	0	0	2	0	0	0
UpperOtter2_Plot	0	0	0	0	0	0	0	0
UpperOtter2_buffer	0	0	0	0	0	0	0	0
UpperOtter3_Plot	0	0	0	0	1	0	0	4
UpperOtter3_Buffer	0	0	0	0	0	0	0	4
UpperOtter4_Plot	0	0	0	0	0	0	0	4
UpperOtter4_Buffer	0	0	0	0	0	0	0	4
UpperOtter5_Plot	0	0	0	0	0	0	0	0
UpperOtter5_Buffer	0	0	0	0	0	0	0	0
Blackstone1_Plot	0	0	0	0	0	0	0	0
Blackstone1_Buffer	0	0	0	0	0	0	0	0
Blackstone2_Plot	0	2	0	0	0	0	0	4
Blackstone2_buffer	0	3	0	0	0	0	0	4
Blackstone3_Plot	0	1	0	0	0	0	0	4
Blackstone3_Buffer	0	1	0	0	0	0	0	4
Blackstone4_Plot	0	0	0	0	0	0	0	0
Blackstone4_buffer	0	0	0	0	1	0	0	0
Blackstone5_plot	0	1	0	0	0	0	0	4
Blackstone5_buffer	0	1	0	0	0	0	0	4
Kettle1_plot	0		0	0	0	0	0	0
Kettle1_buffer	0	0	0	0	0	0	0	0
Kettle2_plot	0		0	0	0	0	0	0
Kettle2_buffer	0		0	0	0	0	0	0
Kettle3_plot	0		0	0	0	0	0	0
Kettle3_buffer	0		0	0	0	0	0	0
Kettle4_plot	0	0	0	0	0	0	0	0
Kettle4_buffer	0		0	0	0	0	0	0
Kettle5_plot	0		0	0	0	0	0	0
Kettle5_buffer	0	0	0	0	1	0	0	1

Anthropogenic Alterations

SITE	Comments
LowerOtter1_Plot	trash is drift material from flood
LowerOtter1_buffer	small portion of buffer plot is open water (otter river)
LowerOtter2_plot	
LowerOtter2_buffer	Municipal (Mun) well is just outside of buffer plot. Dirt road within.
LowerOtter3_plot	Small area of buffer plot is within active hayfield.
LowerOtter3_buffer	Veg removal is active hayfield
LowerOtter4_plot	Storm event blow downs and broken branches present
LowerOtter4_buffer	Portion of buffer intersects route 2
LowerOtter5_plot	
LowerOtter5_buffer	Small portion of buffer is road
UpperOtter1_Plot	
UpperOtter1_Buffer	Small portion of buffer plot is paved parking area. Forestry on Eastern and Southern end.
UpperOtter2_Plot	
UpperOtter2_buffer	
UpperOtter3_Plot	Hiking Trail
UpperOtter3_Buffer	Hiking Trail
UpperOtter4_Plot	Mun well
UpperOtter4_Buffer	Beaver: gnawing and abandoned lodge. Mun well and WTP is just outside of buffer plot
UpperOtter5_Plot	Sedimentation due to both natural events and storm water from nearby development.
UpperOtter5_Buffer	Sedimentation and gully erosion from storm water runoff from adjacent development.
Blackstone1_Plot	
Blackstone1_Buffer	
Blackstone2_Plot	Trash and litter is drift material from flood event
Blackstone2_buffer	Trash and litter is drift material from flood event
Blackstone3_Plot	Plot is a little higher in elevation that buffer
Blackstone3_Buffer	
Blackstone4_Plot	
Blackstone4_buffer	Approximately 25% of buffer plot within large recent clear cut ((northwest end)
Blackstone5_plot	
Blackstone5_buffer	
Kettle1_plot	
Kettle1_buffer	
Kettle2_plot	Old stone lined ditch present
Kettle2_buffer	Old stone lined ditch present
Kettle3_plot	Stream Channel is a man-made stone lined conduit.
Kettle3_buffer	Stream Channel is a man-made stone lined conduit.
Kettle4_plot	
Kettle4_buffer	
Kettle5_plot Kettle5_buffer	
Kettle5_buffer	