









**Site Information Datasheet**  
**DE Comprehensive Wetland Assessment**  
*Version 5.2 July 2009*

Site # \_\_\_\_\_ Site Name \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Field Crew \_\_\_\_\_ Crew Leader Initials \_\_\_\_\_  
 HGM Subclass \_\_\_\_\_ Reference or Assessment Site (circle one)  
 Natural, re-establishment, establishment, rehabilitation, enhancement (circle one)  
 Watershed \_\_\_\_\_ Photos: \_\_\_\_\_ Wetland Size(ha) \_\_\_\_\_  
 lat/long \_\_\_\_\_  
 AA moved from original location? (yes no) if yes reason: \_\_\_\_\_

**Vegetation Zones**

**I.A. Wetland Vegetation Zones Present**

<input type="checkbox"/> Emergent/ herbaceous	<input type="checkbox"/> Hardwood forest	<input type="checkbox"/> Agriculture/pasture
<input type="checkbox"/> Scrub-shrub	<input type="checkbox"/> Mixed Hardwood/Pine forest	<input type="checkbox"/> Agriculture/cropland
<input type="checkbox"/> Natural pine forest	<input type="checkbox"/> Mixed Pine/Hardwood forest	<input type="checkbox"/> Open water
<input type="checkbox"/> Planted pine forest	<input type="checkbox"/> Impervious surface	
<input type="checkbox"/> Mowed area	<input type="checkbox"/> Unvegetated	<input type="checkbox"/> Other _____

**I.B. Vegetation Disturbance** Stand Age \_\_\_\_\_  
 No evidence of vegetation disturbance within past 50 years  
 Vegetation clear cut or otherwise removed: \_\_\_\_\_  
      within past 30-49 years       within past 3-14 years  
      within past 15-29 years       within past 2 years  
 Forest selectively logged (select one):  
      <10% of trees removed       >10% of trees removed  
 AA affected by a continual or periodic disturbance within past 2 years i.e. road, maintained ditch bank, plowing etc.  
      < 10% of AA       > 10% of AA  
 Assessment area converted to land-use which makes restoration success highly unlikely(urban or suburban)  
 Wetland has been restored Year of restoration if known \_\_\_\_\_  
 Wetland has been created i.e. stormwater pond or old borrow pit

**II. Microtopographic Alterations (check all features present)** \_\_\_\_\_ % of AA affected

<input type="checkbox"/> Windrows	<input type="checkbox"/> Skidder tracks	<input type="checkbox"/> microtopo restored to site
<input type="checkbox"/> Road (any type)	<input type="checkbox"/> Bedding	<input type="checkbox"/> no microtopographic alterations
<input type="checkbox"/> Plowing	<input type="checkbox"/> Grading	<input type="checkbox"/> other _____

**III. Fill (i.e. windrows, dumped or soil, debris, garbage) Check One**

<input type="checkbox"/> No fill in assessment area	<input type="checkbox"/> ≥ 50% < 75% of AA covered with fill
<input type="checkbox"/> < 10% of AA covered with fill	<input type="checkbox"/> ≥ 75% of AA covered with fill
<input type="checkbox"/> ≥ 10% < 50% of AA covered with fill	

**IV. Natural Hydrology Sources for Depressions Only (check one)**

<input type="checkbox"/> Inlet	<input type="checkbox"/> Closed Basin
<input type="checkbox"/> Outlet	<input type="checkbox"/> Flowthrough

**Datasheets (write in the number of sheets completed for each)**

Site Information		Snag/ micro		Riv. Hydro	
Trees		Hydro - In		Riv. Buffer	
Shrubs		Hydro Out		Gen. Buffer	
Understory Plots		Channel morph		rapid assess.	

**Need to return to site?**  
 (Yes or No)



# Microtopography/Soil/Sphagnum

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Site # \_\_\_\_\_  
Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Site Name \_\_\_\_\_  
Observers \_\_\_\_\_

Veg Plot \_\_\_\_\_ Plot Dimension \_\_\_\_\_  
Vegetation Zone: \_\_\_\_\_

**II. Microtopography**      **III. Soils** Series \_\_\_\_\_

Quarter	tip-ups	hummocks	Horizon	depth (cm)	Matrix Color	Redoximorphic Description	Texture
1				to			
2				to			
3				to			
4				to			
Hydric indicator(s):							

Veg Plot \_\_\_\_\_ Plot Dimension \_\_\_\_\_  
Vegetation Zone: \_\_\_\_\_

**II. Microtopography**      **III. Soils** Series \_\_\_\_\_

Quarter	tip-ups	hummocks	Horizon	depth (cm)	Matrix Color	Redoximorphic Description	Texture
1				to			
2				to			
3				to			
4				to			
Hydric indicator(s):							

Veg Plot \_\_\_\_\_ Plot Dimension \_\_\_\_\_  
Vegetation Zone: \_\_\_\_\_

**II. Microtopography**      **III. Soils** Series \_\_\_\_\_

Quarter	tip-ups	hummocks	Horizon	depth (cm)	Matrix Color	Redoximorphic Description	Texture
1				to			
2				to			
3				to			
4				to			
Hydric indicator(s):							

Shagnum Sample #	Veg Plot #	Sub Plot #	Moisture Regime	Habitat



## Buffer Landuse

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Site # \_\_\_\_\_

Site Name: \_\_\_\_\_

Observers: \_\_\_\_\_ Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Ground truth the Landuse in the 100 & 200 meter buffers

	200m	100m
Agriculture (Pasture/Hay/Crops)	_____ %	_____ %
Developed (Urban/Res/Roads)	_____ %	_____ %
Barren	_____ %	_____ %
Other	_____ %	_____ %
Forested	_____ %	_____ %
	$\Sigma = 100\%$	$\Sigma = 100\%$

Forest types in 200m buffer

Forest Type*	Circle One	% of Forested Buffer	Buffer Plot #
	Wetland Upland		
		$\Sigma = 100\%$	

\* for each buffer with a different habitat then the AA fill out a buffer basal area datasheet

\* if the buffer is within the same wetland as the AA the buffer plot is randomly selected from vegetation plots



**Riverine Hydrology Datasheet**  
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Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Circle  
Stream order:

1	2
3	4
5	6

Site Number: \_\_\_\_\_ Site Name: \_\_\_\_\_

Team: \_\_\_\_\_

\*\*\*Mark the dominant condition that occurs in each specified area of stream channel\*\*\*

**Channelization:** Stream has been straightened and deepened

**Levee:** Spoils from channelization is deposited along streambank reducing overbank flooding

**Hydrologic Alteration:** Anthropogenic obstruction to stream flow

**Other:** Small man-made obstruction/ provide description below

**Bridge:** Spans the waterway without obstructing flow

**Culvert:** passes water beneath a road through a pipe

**I. Inside Assessment Area**

Distance	Channelization	If Yes, type of Channelization:					Other Hydrologic Alterations				
		Levee Present		Levee Present both sides of channel	No Levee	Channelization not Maintained or not effective	Bridge	Culvert	Dam	Foot Bridge	Other*
		opposite side of AA	AA side of channel								
0-50m Upstream	Yes No										
0-50m Downstream	Yes No										

**II. Outside AA(Upstream)**

Distance	Channelization	If Yes, type of Channelization:					Other Hydrologic Alterations				
		Levee Present		Levee Present both sides of channel	No Levee	Channelization not Maintained or not effective	Bridge	Culvert	Dam	Foot Bridge	Other*
		opposite side of AA	AA side of channel								
0-100m	Yes No										
100-200m	Yes No										
200-300m	Yes No										
300-400m	Yes No										
400-500m	Yes No										

**II. Outside AA (Downstream)**

Distance	Channelization	If Yes, type of Channelization:					Other Hydrologic Alterations				
		Levee Present		Levee Present both sides of channel	No Levee	Channelization not Maintained or not effective	Bridge	Culvert	Dam	Foot Bridge	Other*
		opposite side of AA	AA side of channel								
0-100m	Yes No										
100-200m	Yes No										
200-300m	Yes No										
300-400m	Yes No										
400-500m	Yes No										

\* Give a brief description of other alteration:

Comments for upstream section:

Comments for downstream section:

\_\_\_\_ Entered  
 \_\_\_\_\_ Checked

# Riverine Morphology Datasheet

## DE Comprehensive Wetland Assessment v.5.2

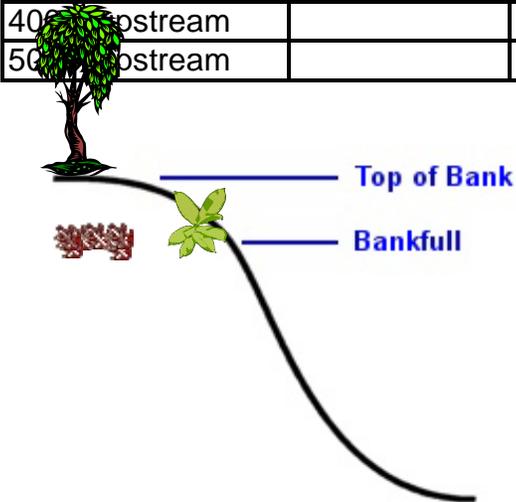
Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Site Number: \_\_\_\_\_ Site Name: \_\_\_\_\_

Team: \_\_\_\_\_

Location (in AA)	Bankfull	Top of bank
	Depth	Depth
25m downstream		
50m center point		
75m upstream		

Location (out AA)	Depth	Depth
100m downstream		
200m downstream		
300m downstream		
400m downstream		
500m downstream		
100m upstream		
200m upstream		
300m upstream		
400m upstream		
500m upstream		



height of the stream that fills the stream channel.  
**Bankfull** must be present to determine this  
 Bankfull represents the height of the water at time of sampling  
 and does not represent the actual top of the channel

\_\_\_\_\_ Entered  
 \_\_\_\_\_ Checked