Note: Assessin WHCV. If doin			_		=				-		
*Site Nam	e:				*AA	Name (if	>1 AAs):				
<u>Classificati</u>	on (pg.	15) *N	⁄lanual Ve	rs. #:	*⊦	IGM:					
Cowardin:	Cuba		<u> </u>	6.1		Matau Baain	- 114/-4	Ch	C-21	1 .	C ! . !
System	Subs	ystem	Class	Sur	oclass	Water Regim	e water	r Chemistry	Soil		Special
*NVC Form	ation:										
*NVC Subg											
*NVC Plant											
*Observer(	s):					*Date	e:	Cour	nty:		
VegPlot(s):											
EO ID:		SF ID:		Owr	ner(s):						
Assessment P	t. / Sub-	1	2	3	4	5	6	7	8	9	10
*Spatial Coor	dinates										
System:											
*Sampling	☐ Poly	ygon AA (< !	50 ha / 125 ac	; site	Polygon A	A (< 50 ha / 12	5 ac; syste	matic	Other:		<u>.L</u> ,
Strategy:		lkthrough) nt-Based AA		П	relevés) Combined	Point/Polygor	n AA (> 50 l	na / 125 ac)			
*Plot	☐ Rele				Site-Walkt				Plot Size	/ Dimensio	ns:
Type:		nsect			Other:	• • • • • • • • • • • • • • • • • •					
*AA size (ad	c/ha):			<b>*</b> A	A Descri	otion (see fi	eld form p	ng. 13 for ad	ditional spa	ace):	
•	· · -					,	·		·	•	

Environmental (p	g. 18 in E	IA Manua	l) Slo	pe (deg/s	%):	Asp	ect (dow	nslope): _		_
*Topographic Posi	tion (ched	ck):								
Assessment Pt. / Sub- AA	1	2	3	4	5	6	7	8	9	10
Slope (deg/%)										
Aspect (downslope)										
Topographic Position*										
*Interfluve (crest, su level (mesa/plateau) bottom), Basin floor Comments:	, Step in slop	e (ledge; be								
*Water Source (ent 3=overbank flooding; 4 10=irrigation runoff; 11 Assessment Pt. / Sub- AA	=natural su	rface flow;	5=snowme	lt; 6=tidal;	7=alluvial a	quifer; 8= i				
Water Source										
1 Comments:	1	1	I	I	I.	1	I	I .	ı	
2										
3										
4										
5										
6										
7										
9										
10										
Hydrodynamics: 1=	stagnant; 2	=sluggish; 3	B=mobile; 4	=dynamic;	5=verv dyn	amic				
Assessment Pt. / Sub-	1	2	3	4	5	6	7	8	9	10
AA	_	-	3	7	3		,	o o	,	10
Hydrodynamics  1 Comments:										
2										
4										
5										
6										
7										
8										
9										
10										
*Soil Type:	☐ Miner		☐ Or (sapric – von	ganic Post 7-10)	(h	□ Orga emic – von P	nic ost 4-6)	(fib	☐ Organi ric – von Pos	c t 1-3)
Mineral Soil Textur	e:			_ pH:_	Co	onductivi <sup>.</sup>	ty:	Temp:		
Instrument:				_ Sam	ple sourc	e:				_

Natural Disturbance Comments:
Anthropogenic Disturbance Comments:
Geology Comments:
Environmental Comments:

Species	Stratum			Cover Class Midpoint Plots/Assessment Points/Sub-AAs 1-10							Avg.	Exo / Inv	Diag	Deci	
Species	Code	1	2	3	4	5	6	7	8	9	10	Cover	(E/I)	(Y)	(I/D)

Species	Stratum			Plots	Cov /Assess	er Clas ment F	s Midp oints/S	oint Sub-AA	s 1-10			Avg.	Exo / Inv	Diag	Incr / Decr
эрсисэ	Code	1	2	3	4	5	6	7	8	9	10	Cover	(E/I)	(Y)	(I/D)
		<u> </u>								<u> </u>		<u> </u>	<u> </u>		<u> </u>

Species	Stratum			Plots	Cov Assess/	er Clas ment P	s Midpoints/S	oint Sub-AA:	s 1-10			Avg.	Exo / Inv	Diag	Incr Dec
Species	Code	1	2	3	4	5	6	7	8	9	10	Cover	(E/I)	(Y)	(1/0

Species	Stratum							Avg.	Exo / Inv	Diag (Y)	Incr /				
openes.	Code	1	2	3	4	5	6	7	8	9	10	Cover	(E/I)	(Y)	(I/D)
												<u></u>			
												L			

#### **Landscape Context**

LAN1 Contiguous Natural Land Cover (pg. 24)

		Sub	ozones	
Metric Rating	Overall NLC (0 - 500 m	Inner Landscape: 0-100 m	Outer Landscape (100-500m)	Comments
EXCELLENT (A)				
GOOD (B)				
FAIR (C)				
POOR (D)				

FOOR (b)							
LAN2 Land Use Index (pg. 2)	6; use table below to calculate sco	ore, then check	rank)				
☐ EXCELLENT (A)	☐ GOOD (B)	☐ FAIR (C)			POOR (	(D)	
Avg. LU score = 9.5-10	Avg. LU score = 8.0-9.4	Avg. LU so	ore = 4.0-7.9	)	Avg. Ll	J score = < 4.0	)
Worksh	eet : Land Use Categories		Weight	Inner Lar (0-100	-	Outer Lar (100-5	
	set . Land Ose Categories		Weight	% Area (0 to 1.0)	Score	% Area (0 to 1.0)	Score
Paved roads / parking lots			0				
	eveloped buildings and facilities (nor	n-vegetated)	0				
Gravel pit / quarry / open pit / strip			0				
	tor trail, 4-wheel drive, logging roads	)	1				
Agriculture: tilled crop production			2				
Intensively developed vegetation (g	· · · · · · · · · · · · · · · · · · ·		2				
Vegetation conversion (chaining, ca	bling, roto-chopping, clearcut)		3				
Agriculture: permanent crop (vineya	ard, orchard, nursery, hayed pasture,	etc.)	4				
Intense recreation (ATV use / campi	ng / popular fishing spot, etc.)		4				
Military training areas (armor, mech	nanized)		4				
Heavy grazing by livestock on pastu	res or native rangeland		4				
Heavy logging or tree removal (50-7	5% of trees >30 cm dbh removed)		5				
Commercial tree plantations / holid	ay tree farms		5				
Recent old fields and other disturbe species	d fallow lands dominated by ruderal	and exotic	5				
Dam sites and flood disturbed shore	elines around water storage reservoir	s and boating	5				
Moderate grazing of native grasslan	d		6				
Moderate recreation (high-use trail)			7				
Mature old fields and other fallow la	ands with natural composition		7				
Selective logging or tree removal (<	50% of trees >30 cm dbh removed)		8				
Light grazing or haying of native ran	geland		9				
Light recreation (low-use trail)			9				
Natural area / land managed for nat	ive vegetation		10				
		Total Land	d Use Score		1		
Score/rating conversion: A = >	9.5, <b>B</b> = 8.0-9.4, <b>C</b> = 4.0-7.9, <b>D</b> = <4.0	Multiple	by Weight	x 0	.6	X C	0.4
		Weig	thted Score				
	Tota	al Score (Inner + C	outer score)				
Comments:							

BU	F1 Perimeter wi	th Natur	al Buffer (	pg. 30)	<u>Buff</u>	<u>er</u>					
	EXCELLENT (A) 100%			(B) 75-99% 3	pts	☐ FAIR (C	) 25-75% 2 p	ts	□ POOR (	D) <25% 1 pt	
Ass	sessment Pt. / Sub- AA	1	2	3	4	5	6	7	8	9	10
	Metric Rating										
1	Comments:										
2											
3											
4											
5											
7											
8											
9											
10											
	UF2 Width of Na	itural Ru	ffer Ing 21	1							
	EXCELLENT (A) 4 pts;			/ (B) 3 pts; 75-	00m	☐ FAIR (C	) 2 pts; 25-7!	im.	☐ POOR (I	D) 1 pt; <25m	
	sessment Pt. / Sub-										
	AA	1	2	3	4	5	6	7	8	9	10
	Metric Rating										
1	Average Width Comments:										
2	Comments.										
3											
4											
5											
6											
7											
8											
9											
10											
*в	UF3 Condition of	f Natural	l Buffer (pg	g. 37)							
	EXCELLENT (A) 4 pts		☐ GOOD (			☐ FAIR (C	) 2 pts		□ POOR (	(D) 1 pt	
Ass	sessment Pt. / Sub- AA	1	2	3	4	5	6	7	8	9	10
	Rank										
1	Comments:										
2											
3											
4											
5											
7											
8											
9											
10											

#### **Vegetation**

(score at each sample point/sub-AA and enter numeric value (e.g. A = 4 pts), then average scores across sample points; roll-up of sub-AA scores should weight relative area of sub-AA to total AA area; check appropriate boxes for overall score)

\*VEG1 Native Plant Species Cover (Relative) (pg. 38; calculate <u>relative</u> cover of each stratum at each sample point/sub-AA;

<ul><li>EXCELLENT (A) 4 pt</li><li>&gt;99%</li></ul>	ts;	VERY GOOI pts; 95-99%		☐ GO0	OD (B) 3 pts	; 85-		FAIR (C)	2 pts; 60-8	4%	☐ F	OOR (D) 1	ot; <60%
Assessment Pt. / Sub-AA	1	2	3	4	5	6		7	8		9	10	Avg
Trees													
Native Nonnative													
Total Cover													
VEG1a. Native Tree													
Relative Cover													
Shrub/Herb													
Native													
Nonnative													
Total Cover  VEG1b. Native													
Shrub/Herb Relative													
Cover													
Metric Rating													
1 Comments:													
2													
3													
4													
5													
6													
7													
8													
9													
10													
*VEG2 Invasive N	onnativ	e Plant S	pecies Co	over (Ab	solute) (	pg. 39)							
							]		00/0145				
EXCELLENT (A) 4 pt <1%	ts;	GOOD (B) 3	3 pts; 1-4%	☐ FAIF	R (C) 2 pts;	4-10%		pts; 10-3	OR (C-) 1.5 30%		☐ F	OOR (D) 1	ot; >30%
<1% Assessment Pt. /	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA	ts;	GOOD (B) 3	3 pts; 1-4%	FAIF	R (C) 2 pts; 4	4-10%				$\perp$	9	200R (D) 1 p	ot; >30% Avg
<1% Assessment Pt. / Sub-AA Metric Rating	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA Metric Rating 1 Comments:	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA Metric Rating 1 Comments:	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA  Metric Rating 1 Comments: 2	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA Metric Rating 1 Comments: 2 3	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA  Metric Rating  1 Comments: 2 3 4	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA  Metric Rating 1 Comments: 2 3 4 5 6	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA  Metric Rating 1 Comments: 2 3 4 5 6 7	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA  Metric Rating  1 Comments: 2 3 4 5 6 7	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA  Metric Rating  1 Comments: 2 3 4 5 6 7 8 9	<u> </u>							pts; 10-3	30%	$\perp$			
<1% Assessment Pt. / Sub-AA  Metric Rating  1 Comments: 2 3 4 5 6 7	<u> </u>							pts; 10-3	30%	$\perp$			

	3 Native P												
	EXCELLENT (A	; 4 pts)		☐ GO	OD (B; 3 pts)			AIR (C; 2 pts	5)		POOR	R (D; 1 pt)	
	ssment Sub-AA	1	2	3	3 4	5		6	7	8	9	10	Avg
Subm	etrics:												
3a Dia Specie	agnostic es												
3b Spe													
divers													
3c Na													
3d Na													
Decre													
	ic Rating												
	Comments:												
2													
3													
4													
5													
6													
7													
8													
9													
10													
*VE	G4 Vegeta	tion St	ructur	<b>e</b> (pg. 43	3; varies by	USNVC For	mation)						
	EXCELLENT (A	; 4 pts)		□ GO	OD (B; 3 pts)			AIR (C; 2 pts	s)		☐ POOR	(D; 1 pt)	
Asses	sment Pt. / S	ub-AA	1	2	3	4	5	6	7	8	9	10	Avg
					V	'1 Flooded	& Swamp	Forest					
Subm													
	anopy Structu												
1b. La	arge / Old Live												
1b. La	arge / Old Live	Trees	h 14/at	Magda	u & Shruhl	and: VA Sa	lt March	V6 Aquat	is Vagata	tion an	ad Mudfla	ts (no subm	votrice)
1b. La Metri	arge / Old Live ic Rating /2 Freshwat	Trees	h, Wet	Meado	w & Shrubl	and; V4 Sa	lt Marsh;	V6 Aquat	ic Vegeta	tion ar	nd Mudfla	ts (no subm	etrics)
1b. La Metri	arge / Old Live	Trees	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
1b. La Metri	arge / Old Live ic Rating /2 Freshwat	Trees	h, Wet	Meado	w & Shrubl		lt Marsh; log & Fen		ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
1b. La Metri V Metri	ic Rating ic Rating /2 Freshwat ic Rating	Trees	h, Wet	Meado	w & Shrubl				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
1b. La  Metri  W  Metri  Subma	ic Rating /2 Freshwat ic Rating ic Rating etric:	Trees	h, Wet	Meado	w & Shrubl				ic Vegeta	tion an	nd Mudfla	ts (no subm	petrics)
1b. La Metri  W Metri  Submari  5b. Sh	ic Rating /2 Freshwat ic Rating etric: ree Cover	rer Mars	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
1b. La Metri V Metri Subma 5a. Tr 5b. Sh 5c.Mia	ic Rating /2 Freshwat ic Rating etric: ree Cover icrotopograph	rer Mars	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
Metri  Submo 5a. Tr 5b. Sh 5c.Mid	ic Rating /2 Freshwat ic Rating ic Rating etric: ree Cover irrub Cover icrotopograph	rer Mars	h, Wet	Meador	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
Metri  Subma 5a. Tr 5b. Sh 5c.Mia Divers	ic Rating /2 Freshwat ic Rating etric: ree Cover icrotopograph	rer Mars	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
Metri  Subma 5a. Tr 5b. Sh 5c.Mia Divers	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	ch, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	petrics)
Metri  Submo 5a. Tr 5b. Sh 5c.Mic Divers  Metri 1	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	ih, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
Metri  Subma 5a. Tr 5b. Sh 5c.Mia Divers Metri 1	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	ch, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	petrics)
Metri  Subme 5a. Tr 5b. Sh Constitution  Subme 1 0 2 3	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
Subma 5a. Tr 5b. Sh Divers Metri 1 0 2 3 4	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
Metri  Submo 5a. Tr 5b. Sh 5c.Mic Divers  Metri 1 0 2 3 4 5 6	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
Metri  Submosta Tr 5b. Sh 5c.Mic Divers  Metri 1 0 2 3 4 5 6 7	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)
Metri  Submo 5a. Tr 5b. Sh Sc.Mic Divers  Metri 1 0 2 3 4 5 6 7 8	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	ch, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	petrics)
Metri  Submosta Tr 5b. Sh 5c.Mic Divers  Metri 1 0 2 3 4 5 6 7	ic Rating  /2 Freshwat ic Rating  detric: ree Cover irrub Cover icrotopograph sity ic Rating	rer Mars	h, Wet	Meado	w & Shruble				ic Vegeta	tion an	nd Mudfla	ts (no subm	etrics)

EXCELLENT	(A; 4 pts)			GOOD (B;	3 pts)		☐ FAIR (C;	2 pts)		POOR	(D; 1 pt)	
Assessment Pt.	1	2		3	4	5	6	7	8	9	10	Avg
/ Sub-AA // Sub-AA												
Comments												
	•											
2												
3												
5												
5												
7												
3												
)												
LO												
EG6 Coarse	Woody D	ebris,	Sn	ags, & Lit	t <b>ter</b> (pg. 49	9; varies l	by USNVC Fo	rmation)				
EXCELLENT	(A; 4 pts)			GOOD (B;	3 pts)		☐ FAIR (C;	2 pts)		☐ POOR	(D; 1 pt)	
Assessment Pt. / Sub-AA	1	2		3	4	5	6	7	8	9	10	Avg
) Sub Fix					V1 Floo	oded & S	wamp Fore	st				
Submetrics:												
/6v1a. CWD Size Diversity												
/6v1b. CWD												
Decay Class												
Diversity												
/6v1c. Snag												
Size Diversity												
/6v1d. Snag												
Decay Diversity												
Metric Rating												
					V2 No	onforeste	ed Wetlands	s				
Submetrics:												
/6v2a. Litter Source												
/6v2b. Litter												
Accumulation												
Netric Rating												
Comments:												
2												
3												
1												
5												
)												
7												
7 3												
7												

	<u>Hydrology</u>												
*H	*HYD1 Water Source (pg. 52)												
	EXCELLENT				GOOD (B)	; 3 pts)	[	FAIR (C;	2 pts)		□ POOR	(D; 1 pt)	
	sessment / Sub-AA	1	2		3	4	5	6	7	8	9	10	Avg
	ric Rating												
1	Comments	5:											
2													
3													
5													
6													
7													
8													
9													
10													
*H	YD2 Hydi	roperiod	(pg. 55;	see	e Field Indi	cators of H	ydrological	Alteration	on pg. 14 o	f this form	)		
	HYD2 Hydroperiod (pg. 55; see Field Indicators of Hydrological Alteration on pg. 14 of this form)         EXCELLENT (A; 4 pts)       GOOD (B; 3 pts)       FAIR (C; 2 pts)       POOR (D; 1 pt)												
	sessment / Sub-AA	1	2		3	4	5	6	7	8	9	10	Avg
	ric Rating												
1	Comments	S:	•					-1	•				•
2													
3													
4													
5													
7													
8													
9													
10													
*H	YD3 Hydi	rological	Conne	ctiv	vitv (ng 6	1)							
П	EXCELLENT				GOOD (B)			FAIR (C;	2 pts)		☐ POOR	(D; 1 pt)	
	sessment	1	2		3	4	5	6	7	8	9	10	Avg
	/ Sub-AA		_			-	3		,		3	10	748
1	cric Rating Comments	S:											
2													
3													
4													
5													
6													
7													
8													
9													
10													

*0014.0 " 5	10				<u>S</u>	oil / Sul	<u>bstrate</u>					
*SOI1 Soil Condition (pg. 64)  ☐ EXCELLENT (A; 4 pts) ☐ GOOD (B; 3 pts) ☐ FAIR (C; 2 pts) ☐ POOR (D; 1 pt)												
Assessment Pt. / Sub-AA	1	2		3 4 5				7	8	9	10	Avg
Metric Rating												
1 Comments:												
3												
4												
5												
6												
7 8												
9												
10												
						Siz	<u>e</u>					
SIZ1 Comparativ	e Size	(Spati	al Patt	ern)	pg. 66)							
☐ EXCELLENT (A)			☐ GO	OD (B)			☐ FAIR (C)			□ POOR (	D)	
Spatial Pattern Type	:					Estim	ated Size (ac/	ha):		_		
Comments:												
CI72 Changa in	Si=0 /0	ntiona	N ( (	-0)								
SIZ2 Change in  EXCELLENT (A)	Size (O	puona		00D (B)	\		☐ FAIR (C	<b>)</b>		☐ POOR	(D)	
Comments:				700 (5)				<i>,</i>			(5)	
AA Description	(Conti	nued).										
rut Description	<u>(COITEII</u>	ilucuj.										

Condition	Field Indicator of Hydrological Alteration	1	2	3	4	5	6	7	8	9	10
Condition	Hydroperiod Field Indicators for Evaluating Tidal Wetlands (Estuarine) (check all that apply)										
	Changes in the relative abundance of plants indicative of either high or low marsh.										
	A preponderance of shrink cracks or dried pannes is indicative of decreased hydroperiod.										
Tidal Prism	Inadequate tidal flushing may be indicated by algal blooms or by encroachment of freshwater vegetation.										
	Dikes, levees, ponds, ditches, and tide control structures are indicators of an altered hydroperiod resulting from management for flood control, salt production, waterfowl hunting, boating, etc.										
Condition	Hydroperiod Field Indicators for Evaluating Riverine Wetlands (check all that apply)										
Channel	The channel (or multiple channels in braided systems) has a well-defined usual high water line, or bankfull stage that is clearly indicated by an obvious floodplain, topographic bench that represents an abrupt change in the cross-sectional profile of the channel throughout most of the site.										
Equilibrium	The usual high water line or bankfull stage corresponds to the lower limit of riparian vascular vegetation.										
	The channel contains embedded woody debris of the size and amount consistent with what is available in the riparian area.										
	There is little or no active undercutting or burial of riparian vegetation.										
	Portions of the channel are characterized by deeply undercut banks with exposed living roots of trees or shrubs. There are abundant bank slides or slumps, or the banks are uniformly scoured and unvegetated.										
Active Degradation	Riparian vegetation may be declining in stature or vigor, and/or riparian trees and shrubs may be falling into the channel.										
(Erosion)	The channel bed lacks any fine-grained sediment.										
,,	Recently active flow pathways appear to have coalesced into one channel (i.e., a previously braided system is no longer braided).										
	The channel through the site lacks a well-defined usual high water line.										
Active	There is an active floodplain with. fresh splays of sediment covering older soils or recent vegetation										
Aggradation	There are partially buried tree trunks or shrubs.										
(Sedimentation)	Cobbles and/or coarse gravels have recently been deposited on the floodplain										
	There are partially buried, or sediment-choked, culverts.										
Condition	Hydroperiod Field Indicators for Evaluating Non-Riverine, Non-tidal Freshwater Wetlands (check all that apply)										
	Upstream spring boxes, diversions, impoundments, pumps, ditching, or draining from the wetland.										
	Evidence of aquatic wildlife mortality.										
	Encroachment of terrestrial (upland) vegetation										
Reduced Extent	Stress or mortality of hydrophytes.										
and Duration of Inundation or	Compressed or reduced plant zonation										
Saturation	Organic soils occurring well above contemporary water tables.										
	Water withdrawal (regional or local wells)										
	Encroachment of young, tall, vigorous trees										
	Drying or mortality of non-vascular species (e.g. Sphagnum)										
Increased	Berms, dikes, or other water control features that increase duration of ponding (e.g., pumps)										
Extent and	Diversions, ditching, or draining into the wetland.										
Duration of	Late-season vitality of annual vegetation.										
Inundation or	Recently drowned riparian or terrestrial vegetation.										
Saturation	Extensive fine-grain deposits on the wetland margins.										

			Roll-up C	alcula	tions				Rating	Sco	re (TABLE 1	
LAN1. Contig	uous Natural La	nd Cover										
LAN2. Land U	se Index											
				L	AN MEF Score =	(LAN1+LAN	N2)/2 (TAB	LE 2)				
BUF1. Perime	eter with Natura	al Buffer				•	•	·				
	of Natural Buffe											
BUF3. Condit	ion of Natural E	Buffer										
BUF ME	F Score = (((BU	F1*BUF2)	<sup>1/2</sup> )*BUF3)	1/2	Note: ½ expone	nt = square	e root] (TAB	LE 2)				
					F Score*0.67)+(			LE 2)				
	Plant Species C			•	, <u>, , , , , , , , , , , , , , , , , , </u>		, ,	,				
	e Nonnative Pla		es Cover									
VEG3. Native	Plant Species C	Composition	on									
	tion Structure	· · · · · · · · · · · · · · · · · · ·										
	/ Regeneration											
	Woody Debris											
		(non-fore	sted) MEF	Score	= (VEG1+VEG2-	-VEG3+VEG	64)/4 (TAB	SLE 2)		1		
		-	-		32+VEG3+VEG4			LE 2)				
HYD1. Water	Source		•				•					
HYD2. Hydroj	period											
· · · · · · · · · · · · · · · · · · ·	ogical Connecti	ivity										
•			HYI	D MEF	Score = (HYD1+	HYD2+HYD	3)/3 (TAB	LE 2)				
SOI1. Soil Cor	ndition				•			·				
						SOI	MEF Score =	SOI1				
CONDITIO	N FACTOR SCO	RE = (VEG	Score*0.5	55)+(H	YD Score*0.35)	-(SOI Score	*0.1) (TAB	LE 2)				
EIA SCORI	E = (Conditio	n Factor	Score*0	.7)+(1	Landscape Co	ntext Fac	ctor Score*	0.3)				
	. (			, (			(TABI	-				
SIZ1. Compar	ative Size						(1715)	,				
	in Size (optiona	al)										
SIZZ. CHange	III 312C (Optionic	,		SIZ ME	F Score = SIZ1 (	OR (SI71+SI	72\/2 (TAR	LE 2)				
				312 IVIL	.1 30016 - 3121		Points (TAB					
								-				
ELEMEN	IT OCCURRE	NCE RAN	IK (EORA	NK) =	EIA Score +	SIZE Poin	ts (TABI	LE 2)				
			Tabl	e 1. M	etric Rank / Sco	re Convers	sions					
Rank	1	4	A-		В		С		C-		D	
Score	4	4	3.5		3		2		1.5	1		
		Table 2. S	core / Ran	k Conv	ersions for ME	F, EIA and E	ORANK calc	ulation	s			
Rank	A+	A	-		B+	B-	C+		C-		D	
Score	3.8 - 4.00	3.5 -	3.79	3.0	- 3.49 2	5 - 2.99	2.0 - 2	.49	1.5 - 1	.99	1 - 1.49	
		Т	able 3. Poi	int Cor	ntribution of Siz	e Primary F	actor Score					
Size Primary	Factor Rating			,	Very Small/Sma	II Patch	Lar	ge Pat	ch		Matrix	
A = Size meet	s A ranked rati	าย		+ 0.75				+ 1.0		+1.5		
	s B ranked ratir											
				+ 0.25 + 0.33							+0.5	
	s C ranked ratir			- 0.25 - 0.33							-0.5	
D = Size meet	s D ranked rati	ng			- 0.75			-1.0			-1.5	
etermine W	hether AA M	eets WH	CV Criteri	<u>a</u>								
	Global Rank		2S1, GNRS1,		2, GNRS2, G3S1,	GUS3. GI	NRS3, G3S3, G4	4S1.	G4S3, G4S	4. G5S	3, G5S4, G5S5	

EORANK	Global Rank	G1S1, G2S1, GNRS1,	G2S2, GNRS2, G3S1,	GUS3, GNRS3, G3S3, G4S1,	G4S3, G4S4, G5S3, G5S4, G5S5,
EURANK	State Rank	GUS1	G3S2, GUS2	G4S2, G5S1, G5S2, any SNR	GNRS4, GNRS5, GUS4, GUS5
A+ (3.8 to 4.0)		EO	EO	EO	EO
A- (3.5 to 3.79)	)	EO	EO	EO	EO
B+ (3.0 to 3.49	)	EO	EO	EO	
B- (2.5 to 2.99)		EO	EO	EO	
C+ (2.0 to 2.49	)	EO	EO		Not an Element Occurrence
C- (1.5 to 1.99)		EO	Not an Element	Not an Element Occurrence	
D (1.0 to 1.49)		EO	Occurrence		