ATTACHMENT A

UMAM Worksheets -Madison County

Site/Project Name Application		Application Number	Assessment Area Name or Nu			or Number
North Florida Resiliency	/ Connection				W-E	E-090
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size
640	Vegetate	ed Non-forested V	Netlands		Impact	
Basin/Watershed Name/Number	Affected Waterbody (Clas	38)	Special Classificati	ion (i.e.(OFW, AP, other local/state/federal	designation of importance)
	Class 3	3			None	
Geographic relationship to and hyd	drologic connection with	wetlands, other s	urface water, upla	nds		
North and adjacent to I-10. West (∼500) feet of Suwanee I	River. Upland is a fence	-	otopog	graphy due to small sink	holes. Blocked by DOT
Assessment area description						
	Sr	mall dip (low spot)) in DOT ROW.			
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity in	relation to the regional
I-10 DOT ROW. Suwanne River about 500' to east.			Not unique. Consistently disturbed by DOT mowing.			
Functions			Mitigation for prev	vious	permit/other historic use	3
Surface runoff and stormwater s	torage (very smal as we	⊎tland is small).			None	
Anticipated Wildlife Utilization Base that are representative of the asse be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)			
Rac	coon, deer.		None			
Observed Evidence of Wildlife Util	ization (List species dire	ctly observed, or	other signs such a	as trac	ks, droppings, casings,	nests, etc.):
		None	;			
Additional relevant factors:						
Assessment conducted by:			Assessment date	e(s):		
Team 02			2/12/2019			

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-090 Impact or Mitigation Assessment conducted by: Assessment date: Erik Oien 2/12/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface provide wetland/surface would be suitable for the wetland/surface water maintain most type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support DOT ROW; ~100' from I-10. Interstate and ROW impacts wildlife, pollution and plant spp. w/o pres or current with 2 2 .500(6)(b)Water Environment (n/a for uplands) I-10 runoff/pollution filtered by this wetland ROW. Holds small amount of water due to small size. w/o pres or current with 2 2 .500(6)(c)Community structure 1. Vegetation and/or Wetland spp. are consistently mowed due to DOT ROW maintenance. 2. Benthic Community w/o pres or with current 2 2 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = with w/o pres Adjusted mitigation delta = 0.2 0.2 If mitigation For mitigation assessment areas Delta = [with-current] Time lag (t-factor) =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

RFG = delta/(t-factor x risk) =

Site/Project Name	Application Numbe	ber Assessment Area Name or Numbe			or Number	
North Florida Resiliency Co	onnection				W-EE-	091/092
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size
640	Vegetat	ted Non-forested V	Vetlands		Impact	
Basin/Watershed Name/Number Af	fected Waterbody (Clas	ss)	Special Classificati	ON (i.e.0	OFW, AP, other local/state/federal	designation of importance)
	Class	3			None	
Geographic relationship to and hydrol	ogic connection with	wetlands, other sr	urface water, uplar	nds		
Upland is dirt r	oad along fence line.	Wetland receives	s runoff from uplan	ıd. Suv	wanee River to the east	
Assessment area description						
Upland (mesic ł	ammock) drains into) this low spot on a	dirt road that runs	parelle	el/adjacent to DOT fenc	e.
Significant nearby features			Uniqueness (con landscape.)	nsider	ing the relative rarity in	relation to the regional
Suwanee River10 DOT ROW.			Not unique. Low spot within tow track road.			
Functions			Mitigation for prev	vious	permit/other historic use	9
Vehicular and wildlife path. Runoff co fer	llection from I-10 and nce.	l uplands north of			None	
Anticipated Wildlife Utilization Based of that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)			
Raccoon, deer	, snakes, birds.		None			
Observed Evidence of Wildlife Utilizat	ion (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):
	Armadillo bı	urroughs. Dead de	ear caught in DOT	fence		
Additional relevant factors:						
Assessment conducted by:			Assessment date	<u>e(s)</u> :		
Erik Oien			2/12/2019			

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-091/092 Impact or Mitigation Assessment conducted by: Assessment date: Erik Oien 2/12/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to provide wetland/surface would be suitable for the supports wetland/surface wetland/surface water maintain most type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support Adjacent to DOT fence (I-10 ~100' to south). Receives pollution from interstate. Upland native spp mesic hammock/mixed forested, with some dissolved limestone pits (sumped upland). Wetland soil is compacted from vehicular use. w/o pres or current with 2 2 .500(6)(b)Water Environment (n/a for uplands) Runoff clean coming from north - high quality upland. However, some runoff from I-10 potential for pollutants. w/o pres or current with 3 3 .500(6)(c)Community structure 1. Vegetation and/or Low diversity but adjacent to hardwood mixed upland. 2. Benthic Community w/o pres or with current 3 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = with w/o pres Adjusted mitigation delta = 0.27 0.27 If mitigation For mitigation assessment areas Delta = [with-current] Time lag (t-factor) =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

RFG = delta/(t-factor x risk) =

Site/Project Name		Application Number	ər		Assessment Area Name	or Number
North Florida Resiliency	/ Connection				W-EE	-096A
FLUCCs code	Further classifica	ation (optional)		Impac	t or Mitigation Site?	Assessment Area Size
640	Vegeta	ated Non-forested	Wetland		Impact	
Basin/Watershed Name/Number HUC 10 Jumping Gully Creek- Withlacoochee River	Affected Waterbody (Clas	ss)	Special Classification (i.e. OFW, AP, other local/state/federal designation of importance)			
Geographic relationship to and hyd	Irologic connection with	wetlands, other s	urface water, uplar	nds		
Adjacent to I-10; Runoff from I-10	drains into wetland. A s	stream traverses t north of assess	-	orth, a	cross Thompson Valley	Rd, and into wetlands
Assessment area description						
	Vegetation wit	thin the wetland is	a mixed herbaceo	ous lay	ver.	
Significant nearby features			Uniqueness (cor landscape.)	nsider	ing the relative rarity in	relation to the regional
Dale Leslie Dr, I-10 and FDOT fence			Not unique			
Functions			Mitigation for prev	vious	permit/other historic use	9
Water quality, wate	er storage, wildlife habit	at	NA			
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)			
Wading birds	s, reptiles, mammals					
Observed Evidence of Wildlife Utili	zation (List species dire	ectly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):
		None	,			
Additional relevant factors:						
Assessment conducted by:			Assessment date	e(s):		
Nicole Jeter			2/7/2019			

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-096A Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/7/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface provide wetland/surface would be suitable for the maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support A two-laned road traverses through the wetland and the wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by culverts, adjacent road and interstate right of way slope. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Outer portions of wetland contain Lygodium japonicum and thick smilax. 2. Benthic Community w/o pres or with current 6 6 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = with w/o pres Adjusted mitigation delta = 0.56 0.56 If mitigation For mitigation assessment areas Delta = [with-current] Time lag (t-factor) =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

RFG = delta/(t-factor x risk) =

Site/Project Name Application N		Application Number	ər		Assessment Area Name or Number		
North Florida Resiliency	/ Connection				W-EE-10	00A/100B	
FLUCCs code	Further classifica	ation (optional)		Impac	ct or Mitigation Site?	Assessment Area Size	
643		Wet Prairies			Impact		
Basin/Watershed Name/Number HUC 10 Jumping Gully Creek- Withlacoochee River	Affected Waterbody (Clas	ss)	Special Classification	ON (i.e.C	OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hyd	Irologic connection with	wetlands, other s	urface water, uplar	nds			
Adjacent to I-10; wetland o	drains into FDOT corrido	or. A large pond is	s located north of th	he we	tland, outside of the ass	sessment area.	
Assessment area description							
	Vegetation wit	hin the wetland is	a mixed herbaceo	ous lay	/er.		
Significant nearby features			Uniqueness (con landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and Overpass and associated FDOT fence, large pond north			Not unique				
Functions			Mitigation for prev	vious	permit/other historic use	9	
Water quality, wate	er storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds	s, reptiles, mammals						
Observed Evidence of Wildlife Utili	zation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
		None	;				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter			2/7/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-100A/100B Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/7/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to provide wetland/surface would be suitable for the supports wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area includes upland pastures, parking lots, and a large pond north of the assessment area. w/o pres or current with 4 4 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by interstate right of way slope. There are also signs that water levels of pond are controled with various pipes/valves located around assessment area. w/o pres or current with 4 4 .500(6)(c)Community structure 1. Vegetation and/or Vegetation appears to be mowed on a regular interval. 2. Benthic Community w/o pres or with current 3 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = with w/o pres Adjusted mitigation delta = 0.36 0.36 If mitigation For mitigation assessment areas Delta = [with-current] Time lag (t-factor) =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

RFG = delta/(t-factor x risk) =

Site/Project Name Applicat		Application Numbe	ər		Assessment Area Name or Number		
North Florida Resiliency	Connection				V	V-EE-102A	
FLUCCs code	Further classifica	ation (optional)		Impact	t or Mitigation Site?	Assessment Area Size	
630	We	etland Forested Mi	ixed		Impact		
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	ss)	Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)				
Geographic relationship to and hyd	rologic connection with	wetlands, other su	urface water, uplar	nds			
Adj	jacent to I-10; runoff dra	ains into wetland.	No visible connect	tion to	other features.		
Assessment area description							
Vegetation within	n the wetland is predomi	inantly forested wi	ith herbaceous are	ea in a	clean powerline right c	of way.	
Significant nearby features			Uniqueness (co landscape.)	nsideri	ing the relative rarity in	relation to the regional	
I-10, associated FDOT fence, overpass over I-10, powerline right of way			Not unique				
Functions			Mitigation for pre-	vious p	permit/other historic us	e	
Water stora	ge, wildlife habitat		N/A				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Amphibians,	reptiles, mammals						
Observed Evidence of Wildlife Utiliz	zation (List species dire	ctly observed, or o	other signs such a	s track	s, droppings, casings,	nests, etc.):	
		None	1				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
-			2/11/2019				

Site/Project Name		Application Number		Assessment Area	a Name or Number	
North Florida Resilie	ency Connection				W-EE-102A	
Impact or Mitigation	,	Assessment conducted by:		Assessment date	:	
Impa	ct	Nicole Jeter and Rebecca	a Dutton 2/11/2		2/11/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	M	inimal (4)	Not Present (0)	
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	wetland	evel of support of d/surface water unctions	Condition is insufficient to provide wetland/surface water functions	
.500(6)(a) Location and Landscape Support		by Q10 on the southern bounda surrounding area land use inc powerline rig	ludes uplan			
4 4						
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 4 4	The hydroperiod of this wetlar	nd is altered by adjacent road a for Jim Cla		te right of way slop	e, and the built up overpass	
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 4 3	Foreste	ed vegetation with herbaceous	vegetation	in powerline right o	ıf way.	
Score = sum of above scores/30 (if uplands, divide by 20) current pr w/o pres 0.40 0.37	If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =	FL =	For impact assess delta x acres = 0.0		
	If mitigation		F	or mitigation asse	ssment areas	
Delta = [with-current]=	Time lag (t-factor) =		RFG	= delta/(t-factor x r	isk) =	
0.37 - 00.37-0.40= 0.3.40 = 0.03	Risk factor =			,		

Site/Project Name Application			nber Assessment Area Name or Number			e or Number	
North Florida Resiliency	/ Connection				W-E	E-102B	
FLUCCs code	Further classifica	ation (optional)		Impact	or Mitigation Site?	Assessment Area Size	
640	Vegetat	ted Non-forested V	Vetlands		Impact		
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	ss)	Special Classificati	ion (i.e.O	FW, AP, other local/state/feder	al designation of importance)	
Geographic relationship to and hyd	rologic connection with	wetlands, other su	urface water, uplar	nds			
Ad	ljacent to I-10; runoff dra	ains into wetland.	No visible connect	tion to d	other features.		
Assessment area description							
Ve	getation within the wetla	and is herbaceous	in a maintained p	owerlin	ie right of way.		
Significant nearby features			Uniqueness (co landscape.)	onsiderii	ng the relative rarity ir	n relation to the regional	
I-10, associated FDOT fence, overpass over I-10, powerline right of way			Not unique				
Functions			Mitigation for pre	vious p	permit/other historic us	;e	
Water stora	age, wildlife habitat		N/A				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Amphibians,	reptiles, mammals						
Observed Evidence of Wildlife Utili	zation (List species dire	ctly observed, or	L other signs such a	is track	s, droppings, casings	, nests, etc.):	
		None	3				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter and Rebecca Dutton			2/11/2019				

Site/Project Name		Application Number		Assessment Area	a Name or Number	
North Florida Resilie	ency Connection			W-EE-102B		
Impact or Mitigation	,	Assessment conducted by:		Assessment date	:	
Impa	ct	Nicole Jeter and Rebecca	a Dutton		2/11/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	nimal (4)	Not Present (0)	
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	wetland	evel of support of /surface water unctions	Condition is insufficient to provide wetland/surface water functions	
.500(6)(a) Location and Landscape Support w/o pres or current with 4 4		by 1-10 on the southern bounda surrounding area land use inc powerline rig	ludes upland			
.500(6)(b)Water Environment (n/a for uplands) w/o pres or	The hydroperiod of this wetla	nd is altered by adjacent road a for Jim Cla		te right of way slop	e, and the built up overpass	
current with 4 4						
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 4 4	Herb	aceous vegetation with limited	diversity in	powerline right of v	vay.	
Score = sum of above scores/30 (if uplands, divide by 20) current pr w/o pres with 0.40 0.40	If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =		For impact assess delta x acres =	sment areas	
Delta = [with-current]	If mitigation Time lag (t-factor) = Risk factor =			For mitigation asse = delta/(t-factor x r		

Site/Project Name		Application Number			Assessment Area Name or Number		
North Florida Resiliency	/ Connection				V	V-EE-102C	
FLUCCs code	Further classifica	ation (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
630	We	etland Forested Mi	ixed		Impact		
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	55)	Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)				
Geographic relationship to and hyd	rologic connection with	wetlands, other su	urface water, uplar	nds			
Ad	ljacent to I-10; runoff dra	ains into wetland.	No visible connect	tion to	other features.		
Assessment area description							
Vegetation withir	n the wetland is predomi	inantly forested wi	ith herbaceous are	a in a	clean powerline right o	f way.	
Significant nearby features		Uniqueness (considering the relative rarity in relation to the regional landscape.)					
I-10, associated FDOT fence, overpass over I-10, powerline right o			Not unique				
Functions			Mitigation for prev	vious p	permit/other historic use	e	
Water stora	ige, wildlife habitat		N/A				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Amphibians,	reptiles, mammals						
Observed Evidence of Wildlife Utili	zation (List species dire	ctly observed, or	other signs such a	s track	ks, droppings, casings,	nests, etc.):	
		None	3				
Additional relevant factors:							
Assessment conducted by:			Assessment date	. (s):			
Nicole Jeter and Rebecca Dutton			2/11/2019				

Site/Project Name		Application Number		Assessment Area	Name or Number		
	siliency Connection	Application Number			Assessment Area Name or Number W-EE-102C		
Impact or Mitigation		Assessment conducted by:		Assessment date:			
	nant						
IIT	pact	Nicole Jeter and Rebecca	Dutton		2/11/2019		
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	nimal (4)	Not Present (0)		
The scoring of each		Condition is less than					
indicator is based on what would be suitable for the	Condition is optimal and fully supports wetland/surface	optimal, but sufficient to maintain most		evel of support of l/surface water	Condition is insufficient to provide wetland/surface		
type of wetland or surface	water functions	wetland/surface water		unctions	water functions		
water assessed		functions					
.500(6)(a) Location and Landscape Support w/o pres or	transects the wetland. The	by Q10 on the southern bounda surrounding area land use inc powerline rig	ludes uplan				
current with	_						
4 4							
.500(6)(b)Water Environmen (n/a for uplands) w/o pres or current with 4 4	The hydroperiod of this wetla	nd is altered by adjacent road a for Jim Cla		te right of way slop	e, and the built up overpass		
.500(6)(c)Community structu 1. Vegetation and/or 2. Benthic Community w/o pres or current with 4 3	Forest	ed vegetation with herbaceous	vegetation	in powerline right c	of way.		
	-						
Score = sum of above scores/30	(if If preservation as mitig	ation,		For impact asses	sment areas		
uplands, divide by 20)	Preservation adjustment	nt factor =					
current or w/o pres with			FL =	delta x acres = 0.0	03 x 0.049=0.002		
0.40 0.37	Adjusted mitigation dei	ia =					
	If mitigation		F	or mitigation asse	ssment areas		
Delta = [with-current]= 0.03	Time lag (t-factor) =						
0.37 - 0.40 = 0.03	Risk factor =		RFG	= delta/(t-factor x i	risk) =		

Site/Project Name		Application Numbe	er		Assessment Area Name	or Number
North Florida Resiliency	Connection			W-EE-1		E-103
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size
630	We	etland Forested Mi	ixed Impact			
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	3S)	Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)			
Geographic relationship to and hyd	rologic connection with	wetlands, other su	urface water, uplar	nds		
Ad	jacent to I-10; runoff dra	ains into wetland. I	No visible connect	ion to	other features.	
Assessment area description						
	Vegetation w	<i>i</i> ithin the wetland i	s predominantly fo	orested	ł.	
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity in	relation to the regional
I-10, associated FDOT fence.			Not unique			
Functions			Mitigation for pre	vious p	permit/other historic use	9
Water stora	ige, wildlife habitat		N/A			
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)			
Amphibians, reptile	es, mammals, songbirds	S				
Observed Evidence of Wildlife Utili:	zation (List species dire	ctly observed, or o	other signs such a	s track	ks, droppings, casings,	nests, etc.):
		None				
Additional relevant factors:						
Assessment conducted by:			Assessment date	e(s):		
Nicole Jeter and Rebecca Dutton			2/11/2019			

Site/Project Name		Application Number		Assessment Area	a Name or Number	
North Florida Resilie	ncy Connection			W-EE-103		
Impact or Mitigation	•	Assessment conducted by:		Assessment date	Assessment date:	
Impac	ot	Nicole Jeter and Rebecca	Dutton		2/11/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	nimal (4)	Not Present (0)	
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	sufficient to Minimal lev n most wetland/s face water fur		Condition is insufficient to provide wetland/surface water functions	
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> with		by 1-10 on the southern bound The surrounding area land use				
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 5 5	The hydroperiod	l of this wetland is altered by a	djacent roac	l and interstate righ	nt of way slope.	
.500(6)(c)Community structure 1. Vegetation and/or		Forested vegetation v	with limited a	livorcity.		
2. Benthic Community w/o pres or current with 5 3		Polesied vegetation v		JIVOI SILY.		
Score = sum of above scores/30 (if uplands, divide by 20)	If preservation as mitiga			For impact assess	sment areas	
current br w/o pres with 0.47 0.40	Preservation adjustmer Adjusted mitigation delt		FL =	delta x acres = 0.0	7 x 0.143 = 0.010	
Delta = [with-current]	If mitigation Time lag (t-factor) =		F	For mitigation asse	ssment areas	
0.4 - 0.47 = 0.07	Risk factor =		RFG	= delta/(t-factor x r	-isk) =	

Site/Project Name		Application Numbe	er	Assessment Area Name or Number			
North Florida Resiliency	Connection				W-EI	E-104	
FLUCCs code	Further classifica	ition (optional)		Impact or Mitigation S	Site?	Assessment Area Size	
640	Vegetate	ed Non-forested V	Vetlands	Impact			
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	3S)	Special Classificati	ON (i.e.OFW, AP, other local	l/state/federal	I designation of importance)	
Geographic relationship to and hyd	rologic connection with	wetlands, other su	urface water, uplar	nds			
	Adjace	ent to I-10; runoff o	drains into wetland	I.			
Assessment area description							
Vegetation within the wetlan	d is predominantly herb	aceous, with som	e scattered trees i	n deeper water area	s and alo	ng the fenceline.	
Significant nearby features			Uniqueness (co landscape.)	nsidering the relative	∍ rarity in	relation to the regional	
I-10, associated FDO	Not unio	que					
Functions			Mitigation for pre	vious permit/other hi	storic use)	
Water quality, wate	er storage, wildlife habita	at	N/A				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds, songbirds,	amphibians, reptiles, ma	ammals,					
Observed Evidence of Wildlife Utili:	zation (List species dire	ctly observed, or o	other signs such a	s tracks, droppings,	casings, I	nests, etc.):	
		Killdeer, vu	lltures				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter and Rebecca Dutton			2/12/2019				

Site/Project Name		Application Number		Assessment Area	a Name or Numbe	r
North Florida Resili	ency Connection				W-EE-104	
Impact or Mitigation		Assessment conducted by:		Assessment date		
Impact of Milligation	ct	Nicole Jeter and Rebecca	Dutton	Assessment date	2/12/2019	
impa			Dutton		2/12/2013	
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	inimal (4)	Not Presen	t (0)
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	wetland	evel of support of d/surface water unctions	Condition is insu provide wetland water funct	l/surface
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> with 4 4		by 1-10 on the southern bound e surrounding area land use in grasses that hav	cludes activ	e cattle pasture the		
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 5 5	The hydroperioc	l of this wetland is altered by a	djacent roac	d and interstate righ	nt of way slope.	
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 3 3		baceous species and semi-aquachment and limited diversity.				
	,					1
Score = sum of above scores/30 (if uplands, divide by 20)	If preservation as mitiga	ation,		For impact assess	sment areas	
current pr w/o pres with 0.40 0.40	Preservation adjustmer Adjusted mitigation delt		FL =	delta x acres =		
0.40	J					
	If mitigation		F	or mitigation asse	ssment areas	1
Delta = [with-current]	Time lag (t-factor) =					
	Risk factor =		RFG	= delta/(t-factor x r	risk) =	
L	J [J

Site/Project Name		Application Number		Assessment Area	a Name or Number
North Florida Resilie	ncy Connection				W-EE-104
Impact or Mitigation		Assessment conducted by:		Assessment date	:
Pole Impact I	Location	Nicole Jeter and Rebecca	a Dutton	2/12/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	inimal (4)	Not Present (0)
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	Minimal le wetland	evel of support of d/surface water unctions	Condition is insufficient to provide wetland/surface water functions
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> with 4		y 1-10 on the southern bounda surrounding area land use in grasses that hav	cludes activ	e cattle pasture that	
.500(6)(b)Water Environment (n/a for uplands) w/o pres or <u>current with</u> 5 0	The hydroperiod	of this wetland is altered by ac	djacent road	l and interstate righ	nt of way slope.
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 3 0		baceous species and semi-aqu ses. Very limited amounts of Se			
Score = sum of above scores/30 (if uplands, divide by 20) current or w/o pres 0.40	If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =	FL =	For impact assess delta x acres =	sment areas
Delta = [with-current]	If mitigation Time lag (t-factor) = Risk factor =			or mitigation asse	

Site/Project Name		Application Numbe	r		Assessment Area Name of	or Number	
NFRC Geo Tech /	Access				W-EC	T-104A	
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
617	Mixe	ed Wetland Hardw	roods				
Basin/Watershed Name/Number	Affected Waterbody (Clas	s)	Special Classificati	ON (i.e.C	DFW, AP, other local/state/federal	designation of importance)	
Withlacoochee/03110203	3F				N/A		
Geographic relationship to and hyd	rologic connection with	wetlands, other su	ırface water, uplan	lds			
The predominantly Acer rubrum Additionally, row crops and mana	ged lands are to the eas		subject property.				
Assessment area description The assessment area is charac Interstate 10. The subcanopy and the wetland while flow is bound to to se	herb stratum comprises	most of the veget the two major roa	ation in the wetlan ads. No evidence o e stormwater rema	id. Unt of a hy ains in	reated stormwater from /drologic connection thro the wetlands.	Interstate 10 flows into ough overland flow and	
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity in	relation to the regional	
Interstate 10 and	d Johnny Pinkard Road		Not unique				
Functions DIOLOGICAL. ventical neteroge roosting, nesting; macroinvertebra habitat (cover, food, dens); amphil	n-large mammal ing, and feeding.	N/A					
<u>PHYSICAL/CHEMICAL-Water au</u> Anticipated Wildlife Utilization Base that are representative of the asses be found) MAMMALS: opossum, raccoon, gra tailed deer, bobcat, black be woodpeckers, wood duck, turke cardinal, ruby-throated hummir warblers, hermit thrush, yellow-bi crowned night heron, wood stork,	d on Literature Review sement area and reason ay & flying squirrels, otte ar; BIRDS: downy, hairy y, chickadee, titmouse, ' ngbird, yellow-throated & lled cuckoo, barred owl,	(List of species ably expected to er, gray fox, white- a pileated Carolina wren, prothonotary limpkin, yellow-	 Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area) Florida panther (FE, hunting, incidental), American alligator (SSC, habitat, long-term), limpkin (SSC, foraging, frequent), wood stork (FE, foraging, roosting, seasonal), tricolored heron (SSC, foraging, roosting, nesting, seasonal), snowy egret (SSC, roosting, nesting, seasonal), snowy egret (SSC, roosting, nesting, seasonal) 				
Observed Evidence of Wildlife Utili	zation (List species direc	ctly observed, or o	other signs such as	s track	s, droppings, casings, n	ests, etc.):	
	No evide	nce of wildlife utili	zation was observ	ed.			
Additional relevant factors:							
None.							
Assessment conducted by:			Assessment date	(s):			
Stephen Florey, Kaylee August (EC	CT)		23-Jan-20				

Site/Project Name		Application Number	Assessm	nent Area Name or Numb	er
NERC Ge	eo Tech Access			W-ECT-104A	
Impact or Mitigation		Assessment conducted by:	Assessm	nent date:	
		Stephen Florey, Kaylee	August	23-Jan-20	
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (4)	Not Prese	nt (0)
The scoring of each		Condition is less than	Winnina (4)	NOL FIESE	nii (0)
indicator is based on what	Condition is optimal and	optimal, but sufficient to	Minimal level of sup	oport of Condition is ins	ufficient to
would be suitable for the	fully supports	maintain most	wetland/surface v		
type of wetland or surface	wetland/surface water	wetland/surface	functions	water fund	
water assessed	functions	waterfunctions			
	-				
.500(6)(a) Location and Landscape Support w/o pres or current w	The assessment area conta the south because of utilization/benefits for most	ins a contiguous Liquidambar of Interstate 10. No invasive fle t wildlife. Wildlife is limited to th lands. The surrounding roadw	ora was observed. Th	e system provides reduc v trafficked roadway, but o	ed can utilize
4	4				
	due to the development of t of sheet flow across the Indicators of water quality runoff from the major road	present (water marks and wate the major roadway. The major landscape. However, flows ar y degradation include disturbar dway could be a potential source to the wetland could contribu	roadway channelizes e appropriate enough nee of soil and debris ce of runoff inputs into	flow paths, impeding the to support wetland vege /trash in the wetland. Sto o the system. The proxim	e possibility etation. rmwater
	The area is dominated by evidence of regeneration. W (soil disturbance and trash	r the canopy and herb stratum. /etland vegetation is in genera in the wetland) are not optima f past physical damage from t	lly good condition. Ho I for long term viabilit	owever, land managemer y of the plant community	nt practices within the
· · · · · ·	•				
					7
Score = sum of above scores/3	0 (if If preservation as mitig	gation,	For impac	ct assessment areas	
uplands, divide by 20)	Preservation adjustme	opt factor -			1
current			$FL = 0.1 \times 0.00$	14 - 0.0004	1
or w/o pres w	ith Adjusted mitigation de	lta =	$L = 0.1 \times 0.00$		1
0.5 0	.4	-			1
					-
	If mitigation		For mitigat	ion assessment areas	
Delta = [with-current]	Time lag (t-factor) =				4
			RFG - delta//t	-factor x risk) =	
-0.1	Risk factor =				

Site/Project Name		Application Numbe	r		Assessment Area Name	or Number	
NFRC Geo Tech A	ccess				W-EC	T-104B	
FLUCCs code	Further classification	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
617	Mixe	d Wetland Hardw	roods				
Basin/Watershed Name/Number	Affected Waterbody (Clas	s)	Special Classificati	ON (i.e.C	DFW, AP, other local/state/federal	designation of importance)	
Withlacoochee/03110203	3F				N/A		
Geographic relationship to and hydro	ologic connection with	wetlands, other su	urface water, uplar	nds			
	ed lands are to the eas	st and west of the	I to the north by Johnny Pinkard Road and to the south by Interstate 10. the subject property. The wetland is isolated with no direct connection to s or surface waters.				
Assessment area description The assessment area is character Interstate 10. The subcanopy and h the wetland while flow is bound to th sea	erb stratum comprises	most of the veget the two major ro	ation in the wetlan	nd. Uni of a hy	treated stormwater from ydrologic connection thr	Interstate 10 flows into	
Significant nearby features			Uniqueness (con landscape.)	nsider	ing the relative rarity in	relation to the regional	
Interstate 10 and	Johnny Pinkard Road		Not unique				
Functions			Mitigation for prev	vious	permit/other historic use	9	
roosting, nesting; macroinvertebrat habitat (cover, food, dens); amphibi	e habitat; small-mediur an/reptile cover, breed	m-large mammal ing, and feeding.	. N/A				
Anticipated Wildlife Utilization Based that are representative of the assess be found) MAMMALS: opossum, raccoon, gray tailed deer, bobcat, black bea woodpeckers, wood duck, turkey cardinal, ruby-throated humming warblers, hermit thrush, yellow-bill	d on Literature Review sment area and reason y & flying squirrels, otte r; BIRDS: downy, hairy , chickadee, titmouse, (gbird, yellow-throated & ed cuckoo, barred owl,	(List of species ably expected to r, gray fox, white- & pileated Carolina wren, prothonotary limpkin, yellow-	Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
crowned night heron, wood stork, s Observed Evidence of Wildlife Utilization	wallow-tailed and Missi ation (List species dired	issippi kites, red- ctly observed, or o	-				
	No evide	nce of wildlife utili	zation was observ	ed.			
Additional relevant factors:							
None.							
Assessment conducted by:			Assessment date	e(s):			
Stephen Florey, Kaylee August (EC	Г)		23-Jan-20				

Site/Proje	ect Name			Application Number	/	Assessment Area	a Name or Numbe	er
	NFF	RC Geo Teo	ch Access			W	/-ECT-104B	
Impact or	Mitigation			Assessment conducted by:	/	Assessment date):	
				Stephen Florey, Kaylee	August		23-Jan-20	
	ng Guidance		Optimal (10)	Moderate(7)	Min	imal (4)	Not Presen	t (0)
indicator i would be type of we	coring of each is based on wh suitable for the etland or surfa er assessed	ne	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface waterfunctions	wetland/s	rel of support of surface water actions	Condition is insu provide wetland water funct	l/surface
)(6)(a) Location Indscape Supp		Johnny Pinkard Road an system provides reduced	ains an isolated Acer rubrum a d to the south by Interstate 10 utilization/benefits for most wil can utilize the eastern and we roadways significantly limit c). Invasive flo Idlife. Wildlife estern foreste	ra was observed is limited to the ed and managed	(Triadica sebifera north and south b	a). The y highly
current 4	1	with 4						
• • •	(b)Water Envi in/a for upland or		due to the development possibility of sheet flow vegetation. Indicators of Stormwater runoff from th	present (water marks and water of the two major roadways. Th a across the landscape. Howev water quality degradation inclu he major roadways could be a badways to the wetlands could	ne major road ver, flows are ude disturband potential sou	appropriate enouge of soil and de urce of soil and de urce of runoff inp	w paths, decreasin ugh to support we bris/trash in the w uts into the syster	ng the tland vetland. m. The
1.	(c)Community Vegetation an Benthic Comm	nd/or	evidence of regeneration. W (soil disturbance and trash	ne subcanopy and herb stratur 'etland vegetation is in genera in the wetland) are not optima f past physical damage from tl	Illy good conc Il for long terr	dition. However, I n viability of the p	and management	t practices within the
w/o pres o current 6	br	with 3						
	um of above sc		If preservation as mitig	gation,	F	or impact asses	sment areas	
up current pr w/o pres 0.4	ılands, divide by S	20) with 0.40	Preservation adjustme Adjusted mitigation de	rvation adjustment factor = ted mitigation delta =				
	1							1
If mitigation Delta = [with-current] Time lag (t-factor) =					Fo	r mitigation asse	ssment areas	I
Del	lta = [with-curi	rent]	Time lag (t-factor) =					

Site/Project Name		Application Numbe	۶r	Assessment Area Name or Number			
North Florida Resiliency	Connection				W-E	E-105A	
FLUCCs code	Further classifica	ation (optional)		Impact or	Mitigation Site?	Assessment Area Size	
617	Mixed V	Wetland Hardwood	st		Impact		
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	ss)	Special Classificati	ion (i.e.OFW,	AP, other local/state/federa	al designation of importance)	
Geographic relationship to and hydr	ologic connection with	wetlands, other su	urface water, uplar	nds			
	Adjace	ent to I-10; runoff o	drains into wetland	d.			
Assessment area description							
V	egetation within the wet	tland is predomina	antly herbaceous ir	n an active	e pasture.		
Significant nearby features	relation to the regional						
I-10, associated FDOT fence, large cattle pasture. Not unique							
Functions			Mitigation for prev	vious pern	nit/other historic us	е	
Water quality, wate	r storage, wildlife habita	at	N/A				
Anticipated Wildlife Utilization Base that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds, songbirds, a	imphibians, reptiles, m	ammals,					
Observed Evidence of Wildlife Utiliz	ation (List species dire	ectly observed, or o	other signs such a	s tracks, d	lroppings, casings,	nests, etc.):	
		None	3				
Additional relevant factors:							
Accessment conducted by			Accessment data	2(2):			
Assessment conducted by: Nicole Jeter and Rebecca Dutton			Assessment date 2/12/2019	;(5).			

Site/Proje	act Name			Application Number		Assessment Area	a Name or Number	
Site/i Toje		rida Resilie	ncy Connection				W-EE-105A	
Impact or	Mitigation			Assessment conducted by:		Assessment date		
paor oi	magaaon	Impac	ot	Nicole Jeter and Rebecca	a Dutton		2/12/2019	
				-				
	ing Guidance		Optimal (10)	Moderate(7)	М	inimal (4)	Not Present (0)	
indicator would be type of w	coring of each is based on wh e suitable for th retland or surfa er assessed	e	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	wetland	evel of support of d/surface water unctions	Condition is insufficient to provide wetland/surface water functions	
La w/o pres c current	D(6)(a) Locatior andscape Supp or	with	transects the wetland. The	by 1-10 on the southern bound e surrounding area land use in isses that have been grazed, ar	cludes activ	e cattle pasture th	at has been planted with	
4		4						
)(b)Water Envii (n/a for uplands		The hydroperiod	l of this wetland is altered by a	djacent road	d and interstate rigi	nt of way slope.	
1.	l(c)Community Vegetation an Benthic Commo	d/or	Primarily vegetated with	herbaceous species and semi	i-aquatic sp	ecies, some open r	water. Limited diversity.	
	sum of above sco plands, divide by		If preservation as mitiga	ation,		For impact asses	sment areas	
current or w/o pre 0.5		with 0.4	Preservation adjustmer Adjusted mitigation delt		FL=	delta x acres = 0.1:	x0.0004 = 0.00004	
	1		If mitigation					
De	elta = [with-curr	ent]	If mitigation Time lag (t-factor) =		1	For mitigation asse	ssment areas	
	0.4-0.5 =	-	Risk factor =		RFG = delta/(t-factor x risk) =			

Site/Project Name		Application Numbe	۶r		Assessment Area Name or Number		
North Florida Resiliency	/ Connection				W-EF	E-105	
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
630	Wetland	d Forested Mixed			Impact		
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	3S)	Special Classificati	ON (i.e.C	OFW, AP, other local/state/federal	l designation of importance)	
Geographic relationship to and hyd	Irologic connection with	wetlands, other su	urface water, uplar	nds			
	Adjace	ent to I-10; runoff o	drains into wetland	1.			
Assessment area description							
V	/egetation within the wet	tland is predomina	antly herbaceous ir	n an ac	ctive pasture.		
Significant nearby features Uniqueness (considering the relative rarity in relation to the regional landscape.)						relation to the regional	
I-10, associated FDO	T fence, large cattle pas	ture.	Not unique				
Functions			Mitigation for prev	vious p	permit/other historic use	<u>,</u>	
Water quality, wate	er storage, wildlife habita	at	N/A				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds, songbirds,	amphibians, reptiles, m	ammals,					
Observed Evidence of Wildlife Utili	zation (List species dire	ctly observed, or o	other signs such a	s track	<s, casings,="" droppings,="" r<="" td=""><td>nests, etc.):</td></s,>	nests, etc.):	
		None	1				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter and Rebecca Dutton			2/12/2019				

Site/Project Name			Application Number		Assessment Area	a Name or Number	
	orida Resilie	ncy Connection				W-EE-105	
Impact or Mitigation			Assessment conducted by:		Assessment date		
inipact of finingation	Impac	ct	Nicole Jeter and Rebecca	a Dutton		2/12/2019	
Scoring Guidance The scoring of each		Optimal (10)	Moderate(7) Condition is less than	Mi	inimal (4)	Not Present	(0)
indicator is based on w would be suitable for t type of wetland or surfa water assessed	/hat :he	Condition is optimal and fully supports wetland/surface water functions	optimal, but sufficient to maintain most wetland/surface water functions	wetland	evel of support of I/surface water unctions	Condition is insuff provide wetland/ water function	surface
.500(6)(a) Locatic Landscape Sup w/o pres or current		transects the wetland. The	by 1-10 on the southern bound e surrounding area land use in ses that have been grazed, ar	cludes activ	e cattle pasture th	at has been planted	
4	4						
.500(6)(b)Water Env (n/a for upland w/o pres or current 5		The hydroperiod	l of this wetland is altered by a	djacent roac	d and interstate rigi	ht of way slope.	
.500(6)(c)Community 1. Vegetation at 2. Benthic Comm w/o pres or current 4	nd/or	Primarily vegetated with	herbaceous species and semi	-aquatic spo	ecies, some open t	water. Limited diver	sity.
		1					
Score = sum of above so uplands, divide b	· ·	If preservation as mitiga	ation,		For impact asses	sment areas	
current pr w/o pres 0.43	with 0.4	Preservation adjustmer Adjusted mitigation delt		FL= o	delta x acres = 0.03	3x1.755 = 0.053	
	1	J					
Delta = [with-cur	rent]	If mitigation Time lag (t-factor) =		F	For mitigation asse	ssment areas	
-	3 = 0.03	Risk factor =		RFG	= delta/(t-factor x i	risk) =	

Site/Proje	ect Name			Application Number		Assessment Area	a Name or Number	
		rida Resilie	ncy Connection			W-EE-105		
Impact or	Mitigation		-	Assessment conducted by:		Assessment date	:	
		Impac	ot	Nicole Jeter and Rebecca	a Dutton		2/12/2019	
	ing Guidance		Optimal (10)	Moderate(7)	М	inimal (4)	Not Present	(0)
indicator would be type of w	coring of each is based on wh e suitable for th retland or surfa er assessed	ie	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	wetland	evel of support of d/surface water unctions	Condition is insuff provide wetland/s water functio	surface
	D(6)(a) Location andscape Supp or		transects the wetland. The	by 1-10 on the southern bound e surrounding area land use in ses that have been grazed, ar	cludes activ	e cattle pasture th	at has been planted	
current	-	with						
4		4						
)(b)Water Envi (n/a for upland: pr		The hydroperiod	l of this wetland is altered by a	djacent road	d and interstate rigi	ht of way slope.	
.500(6))(c)Community	structure						
	Vegetation an Benthic Comm		Primarily vegetated with	herbaceous species and sem	i-aquatic sp	ecies, some open v	water. Limited divers	sity.
w/o pres c current 4	or	with 4						
Score = s	sum of above sco	ores/30 (if	If preservation as mitiga	ation,		For impact asses	sment areas	
up current pr w/o pre	olands, divide by	20) with	Preservation adjustmer	nt factor =	FL =	delta x acres =		
0.43		0.43]					
De	elta = [with-curr	ent]	If mitigation Time lag (t-factor) =		ľ	For mitigation assessment areas		
	-	-	Risk factor =		RFG	= delta/(t-factor x i	risk) =	
			I [

Site/Project Name		Application Number		Assessment Area	Name or Number
North Florida Resilie	ncy Connection				W-EE-105
Impact or Mitigation	npact or Mitigation Pole Location Impact		sment conducted by: Assessment da cole Jeter and Rebecca Dutton		
Pole Location	n Impact	Nicole Jeter and Rebecca	Dutton		2/12/2019
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	nimal (4)	Not Present (0)
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	mal, but sufficient to maintain most tland/surface water		Condition is insufficient to provide wetland/surface water functions
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> with 0	transects the wetland. The	y 1-10 on the southern bounda surrounding area land use ind ses that have been grazed, an	cludes active	e cattle pasture that	at has been planted with
.500(6)(b)Water Environment (n/a for uplands) v/o pres or current with 5 0	The hydroperiod	of this wetland is altered by ac	ljacent road	and interstate righ	nt of way slope.
.500(6)(c)Community structure					
 Vegetation and/or Benthic Community 	Primarily vegetated with her	baceous species and semi-aq on the west		s, some open wat	er, and with forested area
4 0					
Score = sum of above scores/30 (if	If preservation as mitiga	ation.		For impact assess	sment areas
uplands, divide by 20) current or w/o pres with 0.43 0.00	Preservation adjustmer Adjusted mitigation delt	nt factor =		delta x acres =	
I	If mitigation				
Delta = [with-current]	Time lag (t-factor) =		F	or mitigation asse	ssment areas
	Risk factor =		REG	= delta/(t-factor x	-i-1-)

Site/Project Name Application		Application Numbe	er Assessment Area Name or N			or Number		
North Florida Resiliency	Connection				W-E	E-106		
FLUCCs code	Further classificat	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size		
630	We	etland Forested Mi	lixed Impact					
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	 3S)	Special Classification (i.e.OFW, AP, other local/state/federal designation of			l designation of importance)		
Geographic relationship to and hydr	rologic connection with	wetlands, other su	urface water, uplar	nds				
Adjacent to I-10; runoff drai	ins into wetland. Conne	ct via overland sh	eet flow and swale	e to lar	ger mapped NWI wetla	nd to the North.		
Assessment area description								
	Vegetation wi	ithin the wetland is	s hardwood-conife	r fores	st.			
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity in	relation to the regional		
I-10, associate	d FDOT fence, yard.		Not unique					
Functions			Mitigation for prev	vious p	permit/other historic use	3		
Water quality, wate	er storage, wildlife habita	at		N/A				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)					
songbirds, amphibi	ians, reptiles, mammals	3,						
Observed Evidence of Wildlife Utiliz	zation (List species dire	ctly observed, or o	other signs such a	s track	<s, casings,<="" droppings,="" td=""><td>nests, etc.):</td></s,>	nests, etc.):		
	None							
Additional relevant factors:	-							
Assessment conducted by:			Assessment date	e(s):				
Nicole Jeter and Rebecca Dutton			2/12/2019					

Site/Project Name		Application Number		Assessment Area	a Name or Number	
North Florida Resilie	ncy Connection	application number		W-EE-106		
Impact or Mitigation		Assessment conducted by:		Assessment date		
Impact of Milligation	st	Nicole Jeter and Rebecca	Dutton		2/12/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	inimal (4)	Not Present	t (0)
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	wetland	evel of support of /surface water unctions /surface water water functions		/surface
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> with 4 4		by 1-10 on the southern bound: The surrounding area land us				
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 5 5	The hydroperiod	l of this wetland is altered by ad	djacent roac	d and interstate righ	nt of way slope.	
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 5 3	Primarily vegetated with	hardwood-conifer forest and lir japonicum preser			d amounts of Lygo	dium
						l
Score = sum of above scores/30 (if uplands, divide by 20) current or W/o pres with	If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =	FL =	For impact assess delta x acres = 0.0		
0.47 0.40						
	If mitigation		F	For mitigation asse	ssment areas	
Delta = [with-current]	Time lag (t-factor) =		REG	= delta/(t-factor x r	isk) =	
0.4 - 0.47 = 0.07	Risk factor =	RFG = delta/(t-factor x risk) =				

Site/Project Name Applic		Application Numbe	er Assessment Area Name or Nur			or Number	
North Florida Resiliency	Connection				W-EE	E-107A	
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
640	Vegetate	ed Non-forested V	Vetlands		Impact		
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	;s)	Special Classification (i.e.OFW, AP, other local/state/federal designation			I designation of importance)	
Geographic relationship to and hydro	ologic connection with	wetlands, other su	urface water, uplar	ıds			
Adjacent to I-10; runoff drains	into wetland. Separate	d from pond to the	e north by berm, li	kely co	onnected through subsu	urface connection.	
Assessment area description							
	Vegetation	within the wetland	l is herbaceous pa	sture.			
Significant nearby features			Uniqueness (co landscape.)	nsideri	ing the relative rarity in	relation to the regional	
I-10, associated FDOT fence, pasture.			Not unique				
Functions			Mitigation for prev	vious p	permit/other historic use	;	
Water quality, water	r storage, wildlife habita	at			N/A		
Anticipated Wildlife Utilization Based that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
songbirds, amphibia	ans, reptiles, mammals	¢,					
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or o	ther signs such a	s track	ks, droppings, casings, i	nests, etc.):	
	Dead cow, vultures						
Additional relevant factors:	-				-		
Assessment conducted by:			Assessment date	e(s):			
Rebecca Dutton and Dennis Pickett			2/13/2019				

Site/Project Name	Applica	ation Number		Assessment Area	Name or Number	
North Florida Resiliency Connection	on			W-EE-107A		
Impact or Mitigation	Assess	Assessment conducted by:		Assessment date:		
Impact	Reb	ecca Dutton and Denni	s Pickett		2/13/2019	
	mal (10)	Moderate(7)	Mi	nimal (4)	Not Present	(0)
would be suitable for the supports w	optimal and fully optin etland/surface	ndition is less than mal, but sufficient to maintain most tland/surface water functions	icient to Minimal level c ost wetland/surf e water function		Condition is insuff provide wetland/s water functio	surface
	and is bounded by 1-10 ts the wetland. The sum					
	eriod of this wetland is a nd from a pond, and an					
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 5 5 5	Primarily vegetated	with herbaceous layer.	Limited amo	ounts of Lygodium	japonicum.	
Score = sum of above scores/30 (if If prese	rvation as mitigation,			For impact assess	sment areas	
uplands, divide by 20) current	vation adjustment factor ed mitigation delta =	=	FL =	delta x acres =		
If mitiga	ation		F	or mitigation asse	ssment areas	
	g (t-factor) =			= delta/(t-factor x r		
Risk fa	uur –					

Site/Project Name		Application Number		Assessment Area	a Name or Number	r
North Florida Resilie	ency Connection			١	W-EE-107A	
mpact or Mitigation		Assessment conducted by:	: Assessme		sment date:	
Pole Locatio	n Impact	Rebecca Dutton and Denni	is Pickett		2/13/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	nimal (4)	Not Present	t (0)
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	nt to Minimal level of su wetland/surface		Condition is insu provide wetland water functi	/surface
.500(6)(a) Location and Landscape Support //o pres or <u>current</u> with 4 0		y 1-10 on the southern bounda he surrounding area land use				
(n/a for uplands) v/o pres or <u>current</u> with 5 0		and is altered by adjacent roac and an old road partially built u				
.500(6)(c)Community structure						
1. Vegetation and/or 2. Benthic Community v/o pres or <u>current with 5 0 </u>		herbaceous layer in the east a m and Cinnamomum compho				odium
2. Benthic Community //o pres or current with						odium
2. Benthic Community //o pres or current with 5 0	japonicu	m and Cinnamomum compho			vetland.	odium
2. Benthic Community //o pres or current with 5 0 Score = sum of above scores/30 (if uplands, divide by 20) current	japonicu	m and Cinnamomum compho ation, nt factor =	ra in the for	ested part of the w	vetland.	odium
2. Benthic Community //o pres or current with 5 0 Score = sum of above scores/30 (if uplands, divide by 20) current <u>or w/o pres with</u>	japonicu If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	m and Cinnamomum compho ation, nt factor =	FL =	For impact assess delta x acres =	sment areas	odium
2. Benthic Community //o pres or current with 5 0 Score = sum of above scores/30 (if uplands, divide by 20) current or w/o pres with 0.47 0.00	If preservation as mitiga Preservation adjustmen Adjusted mitigation delt	m and Cinnamomum compho ation, nt factor =	FL =	ested part of the w	sment areas	bdium
2. Benthic Community v/o pres or current with 5 0 Score = sum of above scores/30 (if uplands, divide by 20) current pr w/o pres with	japonicu If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	m and Cinnamomum compho ation, nt factor =	FL =	For impact assess delta x acres =	sment areas	odium

Site/Project Name Application		Application Numbe	ber Assessment Area Name or N			or Number		
North Florida Resiliency	Connection				W-EE	E-107B		
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size		
630	We	etland Forested Mi	lixed Impact					
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas	3S)	Special Classification (i.e.OFW, AP, other local/state/federal designatio			l designation of importance)		
Geographic relationship to and hydr	ologic connection with	wetlands, other su	urface water, uplar	nds				
Adjacent to I-10; runoff drains	into wetland. Separate	ed from pond to the	e north by berm, li	kely co	onnected through subsu	Irface connection.		
Assessment area description								
	Vegetation wi	ithin the wetland is	s hardwood-conife	r fores	st.			
Significant nearby features			Uniqueness (co landscape.)	nsideri	ing the relative rarity in	relation to the regional		
I-10, associated	FDOT fence, pasture.		Not unique					
Functions			Mitigation for pre	vious p	permit/other historic use	;		
Water quality, wate	r storage, wildlife habita	at		N/A				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)					
songbirds, amphibi	ians, reptiles, mammals	Ξ,						
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or o	l other signs such a	s track	(s, droppings, casings, i	nests, etc.):		
		Dead cow, v	vultures					
Additional relevant factors:								
			1					
Assessment conducted by: Rebecca Dutton and Dennis Pickett	ł		Assessment date(s):					
Rebecca Dutton and Dennis Floket		2/13/2019						
Site/Project Name		Application Number		Assessment Area	a Name or Number			
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North Florida Resilie	ncy Connection			W-EE-107B				
Impact or Mitigation		Assessment conducted by:	onducted by: Assessment date:		:			
Impac	ct	Rebecca Dutton and Denn	nis Pickett		2/13/2019			
Scoring Guidance	Optimal (10)	Moderate(7) Condition is less than	Mi	nimal (4)	Not Present	(0)		
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	optimal, but sufficient to maintain most wetland/surface water functions	t sufficient to Minimal level of support of in most wetland/surface water functions for the support of wetland/surface water functions for the support of the support of prov			ficient to surface ons		
.500(6)(a) Location and Landscape Support w/o pres or current with 4 4	This wetland is bounded b transects the wetland. T	ey 1-10 on the southern bounda The surrounding area land use	ary. There is includes pa	s a large, barbed w sture and mixed ha	vire FDOT fence tha ardwood-conifer fore	t also est.		
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 5 5 5		and is altered by adjacent roac and an old road partially built u						
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 5 3	Primarily forested wetlan	nd with limited diversity. Limited compl		f Lygodium japonio	cum and Cinnamom	num		
Score = sum of above scores/30 (if	If preservation as mitiga	ation		For impact assess	sment areas			
uplands, divide by 20) current pr w/o pres with 0.47 0.40	Preservation adjustmer	nt factor =	FL =	delta x acres = 0.0				
0.40	If mitigation							
Delta = [with-current]	Time lag (t-factor) =			For mitigation asse	ssment areas			

Site/Project Name		Application Number			Assessment Area Name or Number		
North Florida Resiliency	/ Connection				W-E	E-110	
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
640	Vegetat	ed Non-forested V	Netlands		Impact		
Basin/Watershed Name/Number HUC 10: 0311020309 Jumping Gully Creek - Withlacoochee River	Affected Waterbody (Clas		Special Classificati	ON (i.e.C	DFW, AP, other local/state/federa	l designation of importance)	
Geographic relationship to and hyd	Irologic connection with	wetlands, other su	urface water, uplar	nds			
	Adjace	ent to I-10; runoff	drains into wetland	1.			
Assessment area description							
V	egetation within the wetla	and is predomina	ntly herbaceous w	ith sca	ittered shrubs.		
Significant nearby features			Uniqueness (considering the relative rarity in relation to the regional landscape.)				
I-10, associated FDOT fence, regenerating forest.					Not unique		
Functions			Mitigation for prev	vious p	permit/other historic use	3	
Water quality, wate	er storage, wildlife habita	at	N/A				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds, songbirds,	amphibians, reptiles, ma	ammals,					
Observed Evidence of Wildlife Utili	zation (List species dire	ctly observed, or o	other signs such a	s track	<s, casings,<="" droppings,="" td=""><td>nests, etc.):</td></s,>	nests, etc.):	
		None	1				
Additional relevant factors:							
Assessment conducted by:			Assessment date	:(s):			
Rebecca Dutton and Dennis Pickett			2/13/2019				

Site/Project Name			Application Number		Assessment Area	Namo or Numbor	
	Posilio	ncy Connection	Application Number Assessment Area Name or Nur W-EE-110				
Impact or Mitigation	(62)1161		Assessment conducted by:				
	Imnoc	+	Rebecca Dutton and Denn	is Dickott			
	Impac		Rebecca Dullon and Denn	IS PICKEII		2/13/2019	
Scoring Guidance		Optimal (10)	Moderate(7)	Mi	nimal (4)	Not Present	(0)
The scoring of each			Condition is less than			0 100 1 1	
indicator is based on what would be suitable for the		Condition is optimal and fully supports wetland/surface	y optimal, but sufficient to Minimal level of support maintain most wetland/surface wate			Condition is insuf provide wetland/	
type of wetland or surface		water functions	wetland/surface water	ce water functions v			ons
water assessed			functions				
	ith		by 1-10 on the southern bounda e wetland. The surrounding are				t also
5	5						
	ent ith 5	The hydroperiod of this wetla	nd is altered by adjacent road the surround		te right of way slop	e, and old pine pla	ntation in
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community Primarily vegetated with herbaceous species and some open water. Limited diversity. w/o pres or current with 5 5							
		. <u></u>					
Score = sum of above scores/3 uplands, divide by 20)	0 (if	If preservation as mitiga	ation,		For impact assess	sment areas	
current		Preservation adjustmer	nt factor =				
	ith	Adjusted mitigation delt	a =	FL =	delta x acres =		
0.50 0.	50	,					
••		If mitigation					
Della Lilli it		If mitigation		F	or mitigation asse	ssment areas	
Delta = [with-current]		Time lag (t-factor) =					
		Risk factor =		RFG	= delta/(t-factor x r	isk) =	
		I		L			

Site/Project Name	Application Numbe	Imber Assessment Area Name or Number			or Number	
North Florida Resiliency C	Connection				W-E	E-112
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size
640	Vegetate	ed Non-Forested \	Netlands			
	ffected Waterbody (Clas	ss)	Special Classificati	on (i.e.0	OFW, AP, other local/state/federa	I designation of importance)
HUC 10 Ecofina River	3					
Geographic relationship to and hydro	ologic connection with	wetlands, other s	urface water, upla	nds		
Adjacent to I-10; A portion of	this wetland is within a	a farm field and a	ppears to be an ex	kcavat	ed, manmade pond wi	h fringe wetland.
Assessment area description						
	Vegetation	within the wetland	d is primarily emer	rgent.		
Significant nearby features				nsider	ing the relative rarity in	relation to the regional
			landscape.)			
I-10, Overpass, a	nd improved pasture					
Functions			Mitigation for pre	vious	permit/other historic us	e
Water quality, water	storage, wildlife habita	at	NA			
Anticipated Wildlife Utilization Based that are representative of the assess be found)				T, SS	y Listed Species (List C), type of use, and int	
Wading birds, i	eptiles, mammals					
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or	other signs such a	as trac	ks, droppings, casings	nests, etc.):
Additional relevant factors:						
This area should be mixed hardwood	l wetland but has beer	n heavilv disturbed	ł			
		,				
Assessment conducted by:			Assessment date	e(s):		
Elva Peppers			2/8/2019			



Site/Project Name		Application Number		Assessment Area Name or Number		
North Florida R	esiliency Connection				W-EE-112	
Impact or Mitigation		Assessment conducted by:		Assessment date	:	
Pole Lo	cation Impact	Elva Peppers			2/8/2019	
<u> </u>			ļ			
Scoring Guidance	Optimal (10)	Moderate(7)	Mir	nimal (4)	Not Present (0)	
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	wetland/	vel of support of /surface water nctions	Condition is insufficien provide wetland/surfac water functions	
		re on one side, I-10 on anothe mpacted by previous land dist				l to
.500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is severely altered by excavation within it, adjacent road uses and high overpase slope. w/o pres or current with 3 0						s
.500(6)(c)Community struct 1. Vegetation and/or 2. Benthic Community w/o pres or current w 3	т	he pond is filled with runoff and	d is emergen	it vegetation only.		
	(if If preservation as mitig Preservation adjustment Adjusted mitigation del	nt factor =		For impact assess delta x acres =	sment areas	
-	If mitigation		Fo	or mitigation asse	ssment areas	
Delta = [with-current]	Time lag (t-factor) = Risk factor =		RFG :	= delta/(t-factor x	risk) =	
Form 62-345.900(2), F.A.C.	effective date 02-04-2004]		<u></u>			

Site/Project Name Application		Application Number	ber Assessment Area Name or Nu			or Number
North Florida Resiliency	Connection				W-E	E-113
FLUCCs code	Further classification	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size
613		Gum Swamps				
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)			
HUC 10 Ecofina River	3					
Geographic relationship to and hyd	rologic connection with	wetlands, other s	urface water, uplar	nds		
Adj	acent to I-10 and part o	of a large wetland	system surrounded	d by a	gricultural uses	
Assessment area description						
Part of a large Gum Swamp.	Surrounded by agricultu	ural uses, primaril	y planted pines. Po	ortions	s of the edges of the we	etland are planted.
Significant nearby features			Uniqueness (cor landscape.)	nsider	ing the relative rarity in	relation to the regional
I-10			not unique			
Functions			Mitigation for prev	vious	permit/other historic us	e
Water quality, wate	er storage, wildlife habita	at			NA	
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)			
deer, birds, r	reptiles, mammals					
Observed Evidence of Wildlife Utiliz	zation (List species dire	ctly observed, or	other signs such a	s trac	ks, droppings, casings,	nests, etc.):
		hawks	3			
Additional relevant factors:						
Assessment conducted by:			Assessment date	(s):		
Elva Peppers			2/11/2019			

Site/Project Name		Application Number	Assessment A	ea Name or Number		
North Florida Resi	liency Connection			W-EE-113		
Impact or Mitigation		Assessment conducted by:	Assessment da	ite:		
		Elva Peppers		2/11/2019		
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (4)	Not Present (0)		
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	f Condition is insufficient to provide wetland/surface water functions			
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> with 5 5	The wetland has I-10 on one	e side and has agriculture/plan connected to other wetland		s. The wetland is large and is		
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 5 5). Hydrology is adequate to su liced water quality because of r	•			
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 4 3	The wetland vegetation within	n the study area is affected by thin the wetlands. This has affe				
Score = sum of above scores/30 (uplands, divide by 20) current pr w/o pres with 0.47 0.43	if Preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =	For impact asso FL = delta x acres = 0			
0.40	If mitigation		For mitigation as	sessment areas		

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Time lag (t-factor) =

Risk factor =

Delta = [with-current]

0.43-0.47=0.033

Site/Project Name		Application Number	A	Assessment Area Name or Number	
North Florida Resili	ency Connection				W-EE-113
Impact or Mitigation		Assessment conducted by:	ŀ	Assessment date:	
Pole Location	on Impact	Elva Peppers			2/11/2019
Scoring Guidance The scoring of each	Optimal (10)	Moderate(7) Condition is less than	Min	imal (4)	Not Present (0)
indicator is based on what	Condition is optimal and fully			el of support of	Condition is insufficient to
would be suitable for the	supports wetland/surface	maintain most		surface water	provide wetland/surface
type of wetland or surface water assessed	water functions	wetland/surface water functions	lur	ICUONS	water functions
.500(6)(a) Location and Landscape Support w/o pres or currentwith	The wetland has I-10 on one	side and has agriculture/plant connected to other wetland			The wetland is large and i
5 0					
.500(6)(b)Water Environment (n/a for uplands) The wetland flows under I-10. Hydrology is adequate to support wetland functions. Reduction in scores are refreduced water quality because of runoff on all sides from agriculture. w/o pres or current with 5 0					
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 4 0		n the study area is affected by hin the wetlands. This has affe			
r					
Score = sum of above scores/30 (if uplands, divide by 20)	If preservation as mitig	ation,	F	For impact assess	sment areas
current or w/o pres with 0.47 0	Preservation adjustmer Adjusted mitigation del		FL = d	elta x acres =	
· · · · ·	If mitigation				
Della fulli d	If mitigation		Fo	r mitigation asse	ssment areas
Delta = [with-current]	Time lag (t-factor) =				
	Risk factor =		RFG =	delta/(t-factor x	risk) =
<u></u>	. L				ł
Form 62-345.900(2), F.A.C. [effe	ctive date 02-04-2004]				

Site/Project Name	Application Numbe	r		Assessment Area Name or Number		
North Florida Resiliency C	Connection				W-E	E-116A
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size
640		ed Non-forested V	Netlands		5	
			Veliando			
Basin/Watershed Name/Number A	ffected Waterbody (Clas	ss)	Special Classificati	ON (i.e.C	OFW, AP, other local/state/feder	al designation of importance)
HUC 10 Fearnside Lake	3					
Geographic relationship to and hydro	logic connection with	wetlands, other si	urface water, uplar	nds		
	Adjacent to I-1	0 and the fringe c	of a large pond- Hu	utto Po	ond	
Assessment area description						
The wetland is the floodplain of a lar area. There is an overpass						
Significant nearby features			Uniqueness (con landscape.)	nsider	ing the relative rarity ir	relation to the regional
I-10, dirt road, large open water body			not unique			
Functions			Mitigation for prev	vious	permit/other historic us	e
Water quality, water	storage, wildlife habita	at	NA			
Anticipated Wildlife Utilization Based that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)			
deer, birds, raptors, wadir	ıg birds, reptiles, mar	nmals				
Observed Evidence of Wildlife Utiliza	ition (List species dire	ctly observed, or e	other signs such a	is trac	ks, droppings, casings	, nests, etc.):
		hawks, song birds	s, mud turtle			
		· -				
Additional relevant factors:						
Assessment conducted by:			Assessment date	e(s):		
Elva Peppers			2/11/2019			

Site/Project Name			Application Number		Assessment Area	a Name or Number	
North Flo	orida Resilie	ency Connection		W-EE-116A			
Impact or Mitigation			Assessment conducted by:	Assessment da		te:	
			Elva Peppers			2/11/2019	
Scoring Guidance		Optimal (10)	Moderate(7) Condition is less than	Min	imal (4)	Not Present ((0)
The scoring of each indicator is based on w would be suitable for th type of wetland or surfa water assessed	hat he	Condition is optimal and fully supports wetland/surface water functions	fully optimal, but sufficient to Minimal level of support of Condition is ins				
.500(6)(a) Locatio Landscape Sup w/o pres or current 3		The wetland has I-10 on or	ne side, and also a manmade i between the two roads			The portion of the we	atland
.500(6)(b)Water Env (n/a for upland w/o pres or current 3		the fringe of the pond. The	s between the dam and I-10 ar water environment is not good , there are big piles of torn up	between the	e dam and I-10 an	nd exhibits stagnant v	water,
.500(6)(c)Community 1. Vegetation ar 2. Benthic Comm w/o pres or current 3	nd/or	The wetland vegetation withi	n the study area is affected by edg		ce, the dam, and	the piles of debris ald	ong the
Score = sum of above so uplands, divide by current or w/o pres 0.3		If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =		For impact assess lelta x acres =	sment areas	
Delta = [with-cur	rent]	If mitigation Time lag (t-factor) =		Fo	or mitigation asse	ssment areas	

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

Site/Project Name		Application Number			Assessment Area Name or Number		
North Florida Resiliency C	Connection				W-E	E-116B	
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
631		Wetland Scrub			5		
Basin/Watershed Name/Number A	ffected Waterbody (Clas	ss)	Special Classificati	on (i.e.	OFW, AP, other local/state/fede	al designation of importance)	
HUC 10 Fearnside Lake	3						
Geographic relationship to and hydro	ologic connection with	wetlands, other su	urface water, upla	nds			
	Adjacent to I-1	I0 and the fringe o	f a large pond- Hu	utto Po	ond		
Assessment area description							
The wetland is the floodplain of a lan area. There is an overpas							
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity i	n relation to the regional	
I-10, dirt road, large open water body			not unique				
Functions			Mitigation for pre	vious	permit/other historic u	se	
Water quality, water	storage, wildlife habit	at	ΝΑ				
Anticipated Wildlife Utilization Based	on Literature Review	(List of species	Anticipated Utiliza	ation b	by Listed Species (List	species, their legal	
that are representative of the assess be found)			classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
deer, birds, raptors, wadi	ng birds, reptiles, ma	mmals					
Observed Evidence of Wildlife Utiliza	ation (List species dire	ectly observed, or o	other signs such a	as trac	ks, droppings, casings	s, nests, etc.):	
		hawks, song birds	s, mud turtle				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Elva Peppers			2/11/2019				

Site/Project Name		Application Number	Assessment A	ea Name or Number		
North Florida Resilie	ncv Connection		W-EE-116B			
Impact or Mitigation		Assessment conducted by:	Assessment da			
		Elva Peppers		2/11/2019		
		Elva Peppels		2/11/2019		
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (4)	Not Present (0)		
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	Minimal level of support o wetland/surface water functions			
.500(6)(a) Location and Landscape Support w/o pres or current with 3 3	The wetland has I-10 on or	ne side, and also a manmade r between the two roads		I. The portion of the wetland		
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 3 3	the fringe of the pond. The	s between the dam and I-10 ar water environment is not good , there are big piles of torn up	between the dam and I-10	and exhibits stagnant water,		
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 3 3		n the study area is affected by dges. There are also many vin				
Score = sum of above scores/30 (if uplands, divide by 20) current pr w/o pres with 0.3 0.3	If preservation as mitiga Preservation adjustmen Adjusted mitigation delta	it factor =	For impact ass FL = delta x acres =	essment areas		

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

If mitigation

Risk factor =

Time lag (t-factor) =

For mitigation assessment areas

Site/Project Name	Application Numbe	er		Assessment Area Name or Number				
North Florida Resiliency	Connection				W-EI	W-EE-117		
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size		
615	Stream and	d Lake Swamps (B	ottomlands)					
	Affected Waterbody (Clas	ss)	Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)					
HUC 10 Fearnside Lake	arnside Lake 3							
Geographic relationship to and hydr	ologic connection with	wetlands, other su	urface water, upla	nds				
	Adjacen	nt to I-10 and the fr	ringe of a small po	ond				
Assessment area description								
The wetland is the floodplain of a s some soil manipulation wit								
Significant nearby features		Uniqueness (co landscape.)	onsider	ing the relative rarity in	relation to the regional			
I-10, s	not unique							
Functions		Mitigation for pre	vious	permit/other historic use	9			
Water quality, water	r storage, wildlife habita	at			NA			
Anticipated Wildlife Utilization Based that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)					
deer, birds, raptors, wad	ing birds, reptiles, mar	mmals	Co	ould be	e suitable foraging for w	ood stork		
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or o	other signs such a	as trac	ks, droppings, casings,	nests, etc.):		
Additional relevant factors:								
Assessment conducted by:			Assessment date	e(s):				
Elva Peppers			2/11/2019					



Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

0.4-0.5=0.1

Site/Project Name	Application Number			Assessment Area Name or Number			
North Florida Resiliency	Connection				W-EE-118		
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
611		Bay Swamps					
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classificati	ON (i.e.0	OFW, AP, other local/state/federa	al designation of importance)	
HUC 10 Fearnside Lake	3						
Geographic relationship to and hyd	rologic connection with	wetlands, other sr	urface water, uplar	nds			
		Adjacent to	o I-10				
Assessment area description							
The wetland flows to the south. Hank	The portion of the wetla kings Prairie. The lands					south and feeds into	
Significant nearby features		Uniqueness (co landscape.)	nsider	ing the relative rarity ir	relation to the regional		
I-10, agricultural areas surround	not unique						
Functions		Mitigation for prev	vious	permit/other historic us	e		
Water quality, wate	er storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
deer, birds, raptors, wac	ling birds, reptiles, mar	mmals					
Observed Evidence of Wildlife Utiliz	zation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings	, nests, etc.):	
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Elva Peppers			2/12/2019				



Site/Project Name		Application Number	A	Assessment Area Name or Number			
North Florida Resili	ency Connection			W-EE-118			
Impact or Mitigation		Assessment conducted by:	A	Assessment date:			
Pole Location	on Impact	Elva Peppers		2/12/2019			
Occuring Occidences							
Scoring Guidance The scoring of each	Optimal (10)	Moderate(7) Condition is less than	Mini	imal (4)	Not Present (0)		
indicator is based on what	Condition is optimal and fully			el of support of	Condition is insufficient t		
would be suitable for the type of wetland or surface	supports wetland/surface water functions	maintain most wetland/surface water		urface water	provide wetland/surface water functions	e	
water assessed		functions	Tan		Water Parlotione		
						_	
.500(6)(a) Location and Landscape Support w/o pres or		e side, additional portions of th uses. On the west side of the v				ле	
current with							
5 0							
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 6 0	The water quality of the pond/wetland appears to be stable. There was no algal growth noted, there was a fishing pier and the water was clear. There is a fringe of hardwood uplands around the pond that may help buffer it from runoff from upland uses.						
.500(6)(c)Community structure 1. Vegetation and/or 1. Vegetation and/or 2. Benthic Community w/o pres or is moderately aged and has sufficient diversity. w/o pres or 0							
Score = sum of above scores/30 (i uplands, divide by 20)	f If preservation as mitig	ation,	Fo	or impact asses	sment areas		
current	Preservation adjustmen	nt factor =					
or w/o pres with	Adjusted mitigation del	ta =	FL = de	elta x acres =			
0.56 0							
······································	If mitigation						
		For	r mitigation asse	ssment areas			
Delta = [with-current]	Time lag (t-factor) =			1.10.10.5			
	Risk factor =		RFG =	delta/(t-factor x	risk) =		
<u></u>			1				
Form 62-345.900(2), F.A.C. [effe	ctive date 02-04-2004]						

Site/Project Name	Application Number			Assessment Area Name or Number			
North Florida Resiliency	Connection				W-EE-119A		
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
613		Gum Swamps					
Basin/Watershed Name/Number HUC 10 Alligator Creek/Aucilla River	HUC 10 Alligator Creek/Aucilla			ON (i.e.(OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hydr	ologic connection with	wetlands, other s	urface water, uplar	nds			
Adjacent to I-10							
Assessment area description							
The wetland is a wetland with a sm	all runoff stream that fl	lows to the north.	This area is conne	ected	to Gress Swamp, a maj	or wetland to the west.	
Significant nearby features	Uniqueness (col landscape.)	nsider	ing the relative rarity in	relation to the regional			
I-10, Gress Sw	not unique						
Functions	Mitigation for prev	vious	permit/other historic use	9			
Water quality, water	at	NA					
Anticipated Wildlife Utilization Based that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
deer, birds, raptors, wad	ing birds, reptiles, mar	mmals					
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or	other signs such a	s trac	ks, droppings, casings,	nests, etc.):	
Additional relevant factors:							
Assessment conducted by:			Assessment date	(s):			
Elva Peppers			2/12/2019				



Site/Project Name		Application Number	Α	Assessment Area Name or Number			
North Florida Res	liency Connection			W-EE-119A			
Impact or Mitigation		Assessment conducted by:	A	Assessment date:			
Pole Locat	ion Impact	Elva Peppers		2/12/2019			
Scoring Guidance	Optimal (10)	Moderate(7)	Mini	imal (4)	Not Present (I	0)	
The scoring of each	Condition is optimal and fully	Condition is less than	Minimal law		Condition is insuffici	iontto	
indicator is based on what would be suitable for the	Condition is optimal and fully supports wetland/surface	optimal, but sufficient to maintain most		el of support of surface water	Condition is insuffici provide wetland/su		
type of wetland or surface	water functions	wetland/surface		nctions	water functions		
water assessed		waterfunctions					
.500(6)(a) Location and Landscape Support w/o pres or current with 5 0	The wetland has I-10 on on	e side. The wetland ends at th this assessi		f way, but the sy	stem is large to the w	est of	
.500(6)(b)Water Environment (n/a for uplands) There is adequate water to support wetland species. Based upon the condition of the stream and the presence some silt and algae, the water quality doesnt appear to be high. There is a small stream that has formed from t edge of I-10. w/o pres or current with 5 0							
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 6 0	.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community p pres or surrent with						
	_						
Score = sum of above scores/30 uplands, divide by 20)	(if If preservation as mitig	ation,	F	or impact asses	sment areas		
	Preservation adjustment	nt factor =					
current pr w/o pres with	A diviste di mitimation de l	10	FL = de	elta x acres =			
0.53 0	Adjusted mitigation del	ιa =					
	If mitigation		For mitigation assessment a		ssment areas		
Delta = [with-current]	Time lag (t-factor) =						
	Risk factor =		RFG =	RFG = delta/(t-factor x risk) =			
<u> </u>	INISK IACIUI =						

Site/Project Name	Application Number			Assessment Area Name or Number			
North Florida Resiliency C	Connection			W-EE-			
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
613		Gum Swamps					
Basin/Watershed Name/Number A HUC 10 Alligator Creek/Aucilla River	ffected Waterbody (Clas	ss)	Special Classificati	ON (i.e.0	OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hydro	logic connection with	wetlands, other s	urface water, uplar	nds			
		Adjacent to	o I-10				
Assessment area description							
The wetland is a wetland with a sma	all runoff stream that f	lows to the north.	This area is conne	ected	to Gress Swamp, a maj	or wetland to the west.	
Significant nearby features	Uniqueness (col landscape.)	nsider	ing the relative rarity in	relation to the regional			
I-10, Gress Swa	not unique						
Functions	Mitigation for prev	vious	permit/other historic use	9			
Water quality, water s	storage, wildlife habiat	at	ΝΑ				
Anticipated Wildlife Utilization Based that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
deer, birds, raptors, wadir	ng birds, reptiles, mar	mmals					
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Elva Peppers			2/12/2019				



Site/Project Name	Application Number			Assessment Area Name or Number				
North Florida Resiliency C	Connection			W-EE-121				
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size		
617	Mixe	ed Wetland Hardw	ande		Impact			
	WINC		impact					
Basin/Watershed Name/Number A	ffected Waterbody (Clas	ss)	Special Classificati	ion (i.e.0	DFW, AP, other local/state/federa	l designation of importance)		
Class 3					None			
Geographic relationship to and hydro	logic connection with	wetlands, other s	urface water, upla	nds				
	Hydrologic connection to Hixtown Swamp (headwaters to Aucialla River)							
Assessment area description								
Area sloping from uplar	nd ridge (mostly Pinus	elliotti) into low ly	ing wetland swam	p with	sweetgum, red maple,	sweetbay).		
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity in	relation to the regional		
I-10 DOT ROW			Rarity due to headwaters to Aucilla River and associated floodplains.					
Functions			Mitigation for pre	vious	permit/other historic us	e		
Widlife, surface run off, an	d conveyence to heac	lwaters.	None					
Anticipated Wildlife Utilization Based that are representative of the assess be found)				T, SSO	y Listed Species (List : C), type of use, and inte			
Raccoon, dee	r, birds, alligator		None					
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or	other signs such a	as trac	ks, droppings, casings,	nests, etc.):		
		None						
Additional relevant factors:								
Very weedy (Rubus dominant) upslo	pe and in DOT ROW.							
Assessment conducted by:			Assessment date(s):					
Erik Oien			2/7/2019					

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-121 Impact or Mitigation Assessment conducted by: Assessment date: Erik Oien 2/7/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface provide wetland/surface would be suitable for the maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support Head water - very valuable. Connection to Hixtown Swamp which is headwater to Aucilla River. Upland and DOT ROW with concrete drainageway. w/o pres or current with 7 7 .500(6)(b)Water Environment (n/a for uplands) Head water - very valuable. Pollution from I-10. Wildlife obstruction from south of proposed ROW due to deer fence. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Desireable native spp in all strata. Probably had cypress, but logged. Due to winter, could not observe all forested pp. 2. Benthic Community w/o pres or with current 7 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.133x2.204=0.294 with w/o pres Adjusted mitigation delta =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

0.53-0.66=0.13

0.53

If mitigation

Risk factor =

Time lag (t-factor) =

0.66

For mitigation assessment areas

Site/Project Name			Application Number		Assessment Area Name or Number		
North Florida	Resilie	ncy Connection			W-EE-121		
Impact or Mitigation			Assessment conducted by:		Assessment date:		
Pole L	ocation	n Impact	Erik Oien			2/7/2019	
Scoring Guidance The scoring of each		Optimal (10)	Moderate(7) Condition is less than	Mi	nimal (4)	Not Present (0)	
indicator is based on what		Condition is optimal and fully	optimal, but sufficient to	Minimal le	evel of support of	Condition is insufficient to	
would be suitable for the		supports wetland/surface	maintain most	wetland	/surface water	provide wetland/surface	
type of wetland or surface water assessed		water functions	wetland/surface water functions	fu	unctions	water functions	
Waler assessed			Turictions				
.500(6)(a) Location and Landscape Support Head water - very valuable. Connection to Hixtown Swamp which is headwate ROW with concrete drainageway. w/o pres or current with 7 0						la River. Upland and DOT	
.500(6)(b)Water Environn (n/a for uplands) w/o pres or current 6	nent with 0	Head water - very valuable. F	Pollution from I-10. Wildlife ob	struction fro	m south of propos	ed ROW due to deer fence	
.500(6)(c)Community structure 1. Vegetation and/or 1. Vegetation and/or 2. Benthic Community w/o pres or pp. 7 0							
Score = sum of above scores/ uplands, divide by 20) current or w/o pres 0.66	/30 (if with 0	If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =		For impact asses: delta x acres =	sment areas	
	<u> </u>	If mitigation		F	or mitigation asso	ssment areas	
Delta = [with-current] Time lag (t-factor) =			For mitigation assessment areas				
		Pick factor		RFG	= delta/(t-factor x	risk) =	
		Risk factor =					

Site/Project Name	Application Number			Assessment Area Name or Number			
North Florida Resiliency	Connection				W-EE-122A		
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
				impac	-	Assessment Area Size	
617	Mixe	ed Wetland Hardw	Impact				
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)				
	3			None			
Geographic relationship to and hydro	ologic connection with	wetlands, other s	urface water, uplar	nds			
Hydrologic connection to Hixtown Swamp (headwaters to Aucialla River)							
Assessment area description							
	Dive	rse wetland to no	rth of berm road.				
Cirreifiaant naarky faatuura			Uniqueness (co	nsider	ing the relative rarity in	relation to the regional	
Significant nearby features			landscape.)			-	
I-10 D	Rarity due to headwaters to Aucilla River . Extensive						
Functions		Mitigation for prev	vious	permit/other historic use	e		
Widlife, surface run off, an	d conveyence to head	lwaters.	None				
Anticipated Wildlife Utilization Basec that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Raccoon, deer, bird	s, amphibians, reptiles).	Wood stork				
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or	other signs such a	s trac	ks, droppings, casings,	nests, etc.):	
		alligator white he	ron mud turtlo				
	5.	alligator, white he	ion, mud turne.				
Additional relevant factors:							
Ditch compresses- only 40' wide x ? Long (see aerial). The remainder is high quality wetland - a major headwater to Aucilla River, via Little Aucilla River; part of Hixtown Swamp.							
Assessment conducted by:			Assessment date	(s):			
Erik Oien			2/8/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-122A Impact or Mitigation Assessment conducted by: Assessment date: Erik Oien 2/7/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface would be suitable for the provide wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support I-10 to south with large culvert and adjacent, sloping pasture to the west. Ditch 40' wide to south at east and west end of wetland, but not in the middle where cypress present. w/o pres or current with 7 7 .500(6)(b)Water Environment (n/a for uplands) This wetland is Hixtown Swamp which is headwaters to Aucilla River. High quality water due to continuous freshwater upwelling. Pollutants from I-10 runoff. Culvert under I-10. Flow runs NNE to start Aucilla River. w/o pres or current with 8 8 .500(6)(c)Community structure 1. Vegetation and/or Some cypress logged. Remaining cypress < 10" dbh. Due to winter, cannot ID all plant spp. Ditch vegetation is native 2. Benthic Community aquatic and emergent plant spp. w/o pres or with current 7 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres =0.13x0.022=0.003 with w/o pres Adjusted mitigation delta =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

0.6-0.73=0.13

0.6

If mitigation

Risk factor =

Time lag (t-factor) =

0.73

For mitigation assessment areas

Site/Project Name		Application Number		Assessment Area Name or Number					
North Florida Resi	iency Connection			W-EE-122A					
Impact or Mitigation		Assessment conducted by:		Assessment date:					
Pole Locat	on Impact	Erik Oien			2/7/2019				
Scoring Guidanco	Ontimal (10)	Moderate(7)	Mi	nimel (4)	Not Propert (0)				
Scoring Guidance The scoring of each	Optimal (10)	Moderate(7) Condition is less than	IVIII	nimal (4)	Not Present (0)				
indicator is based on what	Condition is optimal and fully			vel of support of	Condition is insufficient to				
would be suitable for the type of wetland or surface	supports wetland/surface water functions	maintain most wetland/surface water		/surface water inctions	provide wetland/surface water functions				
water assessed		functions							
.500(6)(a) Location and Landscape Support w/o pres or current with		vert and adjacent, sloping past and of wetland, but not in the n							
7 0									
.500(6)(b)Water Environment (n/a for uplands) This wetland is Hixtown Swamp which is headwaters to Aucilla River. High quality water due to continuous freshwater upwelling. Pollutants from I-10 runoff. Culvert under I-10. Flow runs NNE to start Aucilla River. w/o pres or current with 8 0									
.500(6)(c)Community structure 1. Vegetation and/or 1. Vegetation and/or 2. Benthic Community w/o pres or current 7 0									
Score = sum of above scores/30 uplands, divide by 20)	if If preservation as mitig	ation,		For impact asses	sment areas				
current pr w/o pres with 0.73 0	Preservation adjustmer Adjusted mitigation del		FL = 0	delta x acres =					
<u>-</u>	If mitigation								
Delta – [with-curroot]	Time lag (t-factor) =		F	or mitigation asse	ssment areas				
Delta = [with-current]	Risk factor =		RFG = delta/(t-factor x risk) =						
Form 62-345.900(2), F.A.C. [eff	ective date 02-04-2004]		<u>.</u>						

Site/Project Name	Application Number			Assessment Area Name or Number			
North Florida Resiliency Conr	nection				W-EE-122B		
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
				impao	-		
617	Mixe	d Wetland Hardw	and Hardwoods Impact				
Basin/Watershed Name/Number Affect	ed Waterbody (Clas	s)	Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)				
	3			None			
Geographic relationship to and hydrologi	c connection with	wetlands, other s	urface water, uplar	nds			
Hydrologic connection to Hixtown Swamp (headwaters to Aucialla River)							
Assessment area description							
	Dive	rse wetland to no	rth of berm road.				
			Uniqueness (co	nsidar	ing the relative rarity in	relation to the regional	
Significant nearby features			landscape.)	lisidei			
I-10 DOT I	Rarity due to headwaters to Aucilla River . Extensive						
Functions		Mitigation for prev	vious	permit/other historic use	9		
Widlife, surface run off, and co	nveyence to head	waters.	None				
Anticipated Wildlife Utilization Based on that are representative of the assessmer be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Raccoon, deer, birds, ar	nphibians, reptiles	i.	Wood stork				
Observed Evidence of Wildlife Utilization	(List species dire	ctly observed, or	other signs such a	s trac	ks, droppings, casings,	nests, etc.):	
	0'	alligator white be	ron mud turtlo				
	9 .	alligator, white he	ion, mua tartie.				
Additional relevant factors:							
Ditch compresses- only 40' wide x ? Lon River; part of Hixtown Swamp.	g (see aerial). The	remainder is higl	n quality wetland -	a maj	or headwater to Aucilla	River, via Little Aucilla	
Assessment conducted by:			Assessment date	(s):			
Erik Oien			2/8/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-122B Impact or Mitigation Assessment conducted by: Assessment date: Erik Oien 2/7/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface would be suitable for the provide wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support I-10 to south with large culvert and adjacent, sloping pasture to the west. Ditch 40' wide to south at east and west end of wetland, but not in the middle where cypress present. w/o pres or current with 7 7 .500(6)(b)Water Environment (n/a for uplands) This wetland is Hixtown Swamp which is headwaters to Aucilla River. High quality water due to continuous freshwater upwelling. Pollutants from I-10 runoff. Culvert under I-10. Flow runs NNE to start Aucilla River. w/o pres or current with 8 8 .500(6)(c)Community structure 1. Vegetation and/or Some cypress logged. Remaining cypress < 10" dbh. Due to winter, cannot ID all plant spp. Ditch vegetation is native 2. Benthic Community aquatic and emergent plant spp. w/o pres or with current 7 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres =0.13x0.380=0.050 with w/o pres Adjusted mitigation delta =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

0.6-0.73=0.13

0.6

If mitigation

Risk factor =

Time lag (t-factor) =

0.73

For mitigation assessment areas

Site/Project Name	Application Number			Assessment Area Name or Number			
North Florida Resiliency	Connection				W-EE-122C		
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
		don (optional)		impac	to miligation Site?	Assessment Area Size	
617	Mixe	ed Wetland Hardw	rdwoods Impact				
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classification (i.e. OFW, AP, other local/state/federal designation of importance)				
	3			None			
Geographic relationship to and hydr	ologic connection with	wetlands, other s	urface water, uplar	nds			
Hydrologic connection to Hixtown Swamp (headwaters to Aucialla River)							
Assessment area description							
	Dive	rse wetland to no	rth of berm road.				
Significant nearby features			Uniqueness (co	nsider	ing the relative rarity in	relation to the regional	
Significant nearby reatures			landscape.)				
I-10 D	Rarity due to headwaters to Aucilla River . Extensive						
Functions		Mitigation for prev	vious	permit/other historic use	e		
Widlife, surface run off, ar	nd conveyence to head	lwaters.	None				
Anticipated Wildlife Utilization Based that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Raccoon, deer, bird	ls, amphibians, reptiles).	Wood stork				
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or	other signs such a	s trac	ks, droppings, casings,	nests, etc.):	
	g':	alligator, white he	ron, mud turtle.				
Additional relevant factors:							
Ditch compresses- only 40' wide x ? Long (see aerial). The remainder is high quality wetland - a major headwater to Aucilla River, via Little Aucilla River; part of Hixtown Swamp.							
Assessment conducted by:			Assessment date(s):				
Erik Oien			2/8/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-122C Impact or Mitigation Assessment conducted by: Assessment date: Erik Oien 2/7/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface would be suitable for the provide wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support I-10 to south with large culvert and adjacent, sloping pasture to the west. Ditch 40' wide to south at east and west end of wetland, but not in the middle where cypress present. w/o pres or current with 7 7 .500(6)(b)Water Environment (n/a for uplands) This wetland is Hixtown Swamp which is headwaters to Aucilla River. High quality water due to continuous freshwater upwelling. Pollutants from I-10 runoff. Culvert under I-10. Flow runs NNE to start Aucilla River. w/o pres or current with 8 8 .500(6)(c)Community structure 1. Vegetation and/or Some cypress logged. Remaining cypress < 10" dbh. Due to winter, cannot ID all plant spp. Ditch vegetation is native 2. Benthic Community aquatic and emergent plant spp. w/o pres or with current 7 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres =0.13x2.178=0.283 with w/o pres Adjusted mitigation delta =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

0.6-0.73=0.13

0.6

If mitigation

Risk factor =

Time lag (t-factor) =

0.73

For mitigation assessment areas

Site/Project Name		Application Number			Assessment Area Name or Number		
North Florida Resiliency	Connection				W-E	E-123	
FLUCCs code	Further classifica	tion (optional)	Impact or Mitigation Site? Assessment A			Assessment Area Size	
613		Gum Swamps					
Basin/Watershed Name/Number	Affected Waterbody (Clas			Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)			
HUC 10 Fearnside Lake	3						
Geographic relationship to and hydr	rologic connection with	wetlands, other s	urface water, upla	nds			
	Adja	acent to I-10 Part o	of a huge swamp				
Assessment area description							
This wetland	is natural and holds a lo	ot of water. There	are many depress	sional	areas within the wetlan	d.	
Significant nearby features			Uniqueness (considering the relative rarity in relation to the regional landscape.)				
I-10			Very large wetland makes it unique				
Functions			Mitigation for pre	vious	permit/other historic us	e	
Water quality, water storage, wildlife habitat			ΝΑ				
Anticipated Wildlife Utilization Based on Literature Review (List of species that are representative of the assessment area and reasonably expected to be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Many wildlife probably use this swamp, but I would anticipate less use near the highway, as there are more expansive areas that are not by the I-10 corridor. Bear, deer, small mammals, wading birds, reptiles.			Black bear, alligator, wading birds				
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	, nests, etc.):	
	deer, racco	on, coyote, wild h	og, songbirds, sma	all fish	1		
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Elva Peppers			2/7/2019				

Site/Project Name		Application Number	Assessment Ar	ea Name or Number		
North Florida Resiliency Connection				W-EE-123		
Impact or Mitigation		Assessment conducted by:	Assessment da	te:		
		Elva Peppers		2/7/2019		
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (4)	Not Present (0)		
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface water functions	Minimal level of support of wetland/surface water functions	Condition is insufficient to provide wetland/surface water functions		
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> with 6 6	The location has benefits	through its adjacency to a lar <u>c</u> highway an		are the major barrier of the		
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 6 6		intact, however, there are perio ow patterns are affected by cha environment is capable of s	annelization through ditches t			
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 7 3	The vegetation is mostly ir Nandina, but they are not v	ntact, there are some exotic sp rery prevalent. The edges are r ontains Red Maple, Sweetgum	more affected by these cond	tions than the interior's. The		
Score = sum of above scores/30 (uplands, divide by 20) current pr w/o pres 0.63 0.5	if If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =	For impact asse FL = delta x acres = 0			
Delta = [with-current]	If mitigation		For mitigation ass	essment areas		

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Time lag (t-factor) =

Risk factor =

Delta = [with-current]

0.5-0.63=0.13

Site/Project Name		Application Number		Assessment Area Name or Number			
North Florida Resiliency Connection				W-EE-123			
Impact or Mitigation		Assessment conducted by:		Assessment date:			
Pole Location Impact		Elva Peppers		2/7/2019			
Scoring Guidance	Optimal (10)	Moderate(7)	Mini	imal (4)	Not Present	(0)	
The scoring of each indicator is based on what	Condition is optimal and fully	Condition is less than	Minimal law		Condition is insuffi		
would be suitable for the	Condition is optimal and fully supports wetland/surface	optimal, but sufficient to maintain most		el of support of surface water	Condition is insuffi provide wetland/s		
type of wetland or surface	water functions	wetland/surface water	functions		water function		
water assessed		functions					
.500(6)(a) Location and Landscape Support w/o pres or <u>current with</u>	The location has benefits	through its adjacency to a larç highway an		np. Negatives an	e the major barrier c	of the	
6 0							
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 6 0	perhaps for borrow fill. The	intact, however, there are period flow patterns are affected by water environment is capable	channelizatior	n through ditches			
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 7 0	The vegetation is mostly in Nandina, but they are not v	tact, there are some exotic sp ery prevalent. The edges are r ntains Red Maple, Sweetgum,	nore affected	by these condition	ons than the interior	's. The	
r		-					
Score = sum of above scores/30 (uplands, divide by 20) current or w/o pres with 0.63 0	if If preservation as mitig Preservation adjustmen Adjusted mitigation del	nt factor =		or impact assessed	sment areas		
	If mitigation		For	r mitigation acco	ssment aroos		
Delta = [with-current]	Time lag (t-factor) =		FO	r mitigation asse			
	Risk factor =		RFG =	delta/(t-factor x	risk) =		
<u> </u>							
Site/Project Name	Application Number			Assessment Area Name or Number			
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North Florida Resiliency (Connection				W-E	EE-124	
FLUCCs code	Further classificat	tion (optional)		Impact	t or Mitigation Site?	Assessment Area Size	
616	Inlar	nd Ponds and Slo	ughs				
Basin/Watershed Name/Number	Affected Waterbody (Clas	s)	Special Classification	on (i.e.C	DFW, AP, other local/state/feder	al designation of importance)	
HUC 10 Fearnside Lake	3						
Geographic relationship to and hydro	ologic connection with	wetlands, other si	urface water, uplar	nds			
	Adjacent to I-10; Th	e wetland has a d	lam just outside th	e proje	ect area		
Assessment area description							
This pond holds water but has live	oaks in it, indicating th	hat it also dries οι	ut. There are titi sh	rubs ir	n the center. Not much	າ vegetation otherwise.	
Significant nearby features			Uniqueness (cor landscape.)	nsideri	ing the relative rarity ir	n relation to the regional	
I-10; Dam upstream			Very large wetland makes it unique				
Functions			Mitigation for prev	∕ious p	permit/other historic us	se	
Water quality, water	r storage, wildlife habita	at			NA		
Anticipated Wildlife Utilization Basec that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds,	reptiles, mammals		Black bear, alligator, wading birds, wood stork habitat is present				
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or	other signs such a	s track	ks, droppings, casings	, nests, etc.):	
Additional relevant factors:							
Assessment conducted by:			Assessment date	(s):			
Elva Peppers			2/8/2019				

Site/Project Name			Application Number		Assessment Area	Name or Number	
-	orida Resilie	ency Connection			W-EE-124		
Impact or Mitigation		·	Assessment conducted by:	Assessment date:			
			Elva Peppers		2/8/2019		
L			· · ·				
Scoring Guidance		Optimal (10)	Moderate(7) Condition is less than	Mir	nimal (4)	Not Present	(0)
The scoring of each indicator is based on w would be suitable for t type of wetland or surfa water assessed	∕hat he	Condition is optimal and fully supports wetland/surface water functions	optimal, but sufficient to maintain most wetland/surface waterfunctions	wetland/	vel of support of /surface water Inctions	Condition is insuff provide wetland/s water functio	surface
.500(6)(a) Locatic Landscape Sup w/o pres or <u>current</u> 4		The pond may be from a pr	revious excavation. There is a larger wetland			nat separates this fro	om the
.500(6)(b)Water Env (n/a for upland w/o pres or current 4		The hydroperiod of th	his wetland is severely altered,	but still perfo	orms its functions	to a certain degree.	
.500(6)(c)Community 1. Vegetation at 2. Benthic Comm w/o pres or current 5	nd/or		his area may have been a gur e not many plants or trees insi				nat is
Score = sum of above so uplands, divide by current pr w/o pres 0.43		If preservation as mitiga Preservation adjustmer Adjusted mitigation delt	nt factor =		For impact assess delta x acres =0.07		
Delta = [with-cur	rent]	If mitigation Time lag (t-factor) =		F	or mitigation asse	ssment areas	
0.36-0.43=0.07		Risk factor =		RFG :	= delta/(t-factor x r	risk) =	

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Site/Project Name	Арр	olication Numbe	۶r		Assessment Area Name or Number		
North Florida Resiliency Con	inection				W-E	EE-125	
FLUCCs code	Further classification	(optional)		Impac	t or Mitigation Site?	Assessment Area Size	
613	Gı	um Swamps					
Basin/Watershed Name/Number Affect	cted Waterbody (Class)		Special Classification	on (i.e.C	DFW, AP, other local/state/federa	al designation of importance)	
HUC 10 Fearnside Lake	3						
Geographic relationship to and hydrolog	jic connection with wetl	lands, other su	urface water, uplar	nds			
Adjac	ent to I-10; The uplands	s and part of tl	he wetlands are yo	oung p	planted pines.		
Assessment area description							
The center of the	e wetland which is out o	of the project is	s gum swamp and	the e	dges are planted pine	s.	
Significant nearby features			Uniqueness (cor landscape.)	nsideri	ing the relative rarity ir	n relation to the regional	
I-10	1						
Functions			Mitigation for prev	/ious p	permit/other historic us	e	
Water quality, water sto	rage, wildlife habitat				NA		
Anticipated Wildlife Utilization Based on that are representative of the assessme be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds, rep	tiles, mammals		Black bear, alligator, wading birds				
Observed Evidence of Wildlife Utilizatio	n (List species directly	observed, or o	other signs such a	s tracl	ks, droppings, casings	, nests, etc.):	
Additional relevant factors:							
Assessment conducted by:			Assessment date	(s):			
Elva Peppers			2/8/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-125 Impact or Mitigation Assessment conducted by: Assessment date: Elva Peppers 2/8/2019 Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to provide wetland/surface would be suitable for the supports wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support Part of this wetland is in planted pine along the edges and the center is a large gum swamp. w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is severely altered, but still performs its functions to a certain degree. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or The natural condition of this area may have been a gum/bay/maple swamp similar to the major wetland that is 2. Benthic Community adjacent. Vegetative structure has been modified by planting pines along and into the wetland boundary. w/o pres or with current 5 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.07x3.114=0.218 with w/o pres Adjusted mitigation delta = 0.53 0.46 If mitigation For mitigation assessment areas Delta = [with-current] Time lag (t-factor) = RFG = delta/(t-factor x risk) = 0.46-0.53=0.07

PART II - Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

Site/Project Name		Application Number		Assessment Area Name or Number		
North Florida Resil	iency Connection			W-EE-125		
Impact or Mitigation		Assessment conducted by:	conducted by: As		Assessment date:	
Pole Locati	on Impact	Elva Peppers			2/8/2019	
		L				
Scoring Guidance	Optimal (10)	Moderate(7)	Min	nimal (4)	Not Present	(0)
The scoring of each		Condition is less than				
indicator is based on what would be suitable for the	Condition is optimal and fully supports wetland/surface	optimal, but sufficient to maintain most		vel of support of surface water	Condition is insuf provide wetland/	
type of wetland or surface	water functions	wetland/surface water		nctions	water function	
water assessed		functions				
.500(6)(a) Location and Landscape Support		s wetland is in planted pine along the edges and the center is a large gum swamp.				
current with 6 0 .500(6)(c)Community structure	-					
1. Vegetation and/or 2. Benthic Community w/o pres or current with 5 0		nis area may have been a gurr e not many plants or trees insi				that is
Score = sum of above scores/30 (if If preservation as mitigation	ation,	F	For impact asses	sment areas	
uplands, divide by 20) current pr w/o pres with	Preservation adjustmen		FL = c	lelta x acres =		
0.53 0	Adjusted mitigation del	ια –				
	If mitigation		Fo	or mitigation asse	ssment areas	
Delta = [with-current]	Time lag (t-factor) =			For mitigation assessment areas		
	Disk fast		RFG =	= delta/(t-factor x	risk) =	
	Risk factor =					

Site/Project Name Applic		Application Number	ər		Assessment Area Name or Number		
North Florida Resiliency	Connection		W-EE-126		E-126		
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
630	Wetland	d Forested Mixed					
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classification	on (i.e.0	OFW, AP, other local/state/federal	designation of importance)	
HUC 10 Fearnside Lake	3						
Geographic relationship to and hydr	rologic connection with	wetlands, other s	urface water, uplar	nds			
Ad	djacent to I-10; The upla	ands and part of t	the wetlands are yo	oung p	planted pines.		
Assessment area description							
	Herbace	ous portion of a la	arger wetland syste	∍m.			
Significant nearby features			Uniqueness (cor landscape.)	nsider	ing the relative rarity in	relation to the regional	
	I-10						
Functions			Mitigation for prev	/ious	permit/other historic use	e	
Water quality, wate	r storage, wildlife habita	at			NA		
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds,	reptiles, mammals		Black bear, alligator, wading birds				
Observed Evidence of Wildlife Utiliz	zation (List species dire	ctly observed, or	other signs such a	s trac	ks, droppings, casings,	nests, etc.):	
Additional relevant factors:							
Assessment conducted by:			Assessment date	(s):			
Elva Peppers			2/8/2019				



Site/Project Name		Application Number	1	Assessment Area Name or Number		
North Florida Resi	iency Connection			W-EE-126		
Impact or Mitigation		Assessment conducted by:	essment conducted by:		Assessment date:	
Pole Locat	on Impact	Elva Peppers	Elva Peppers		2/8/2019	
		L				
Scoring Guidance	Optimal (10)	Moderate(7)	Min	imal (4)	Not Present	(0)
The scoring of each		Condition is less than				
indicator is based on what would be suitable for the	Condition is optimal and fully supports wetland/surface	optimal, but sufficient to maintain most	Minimal level of support wetland/surface water		Condition is insuf provide wetland	
type of wetland or surface	water functions	wetland/surface water		nctions	water function	
water assessed		functions				
.500(6)(a) Location and Landscape Support w/o pres or current with 5 0 .500(6)(b)Water Environment (n/a for uplands)	-	s wetland is in planted pine along the edges and the center is a large gum swamp.				
current with 6 0 .500(6)(c)Community structure						
1. Vegetation and/or 2. Benthic Community w/o pres or current with 5 0		nis area may have been a gur e not many plants or trees insi				that is
Score = sum of above scores/30	if If preservation as mitig	ation,	F	For impact assess	sment areas	
uplands, divide by 20) current or w/o pres with	Preservation adjustmer Adjusted mitigation del		FL = d	lelta x acres =		
0.53 0	,					
▶ <u> </u>						
	If mitigation		Fo	or mitigation asse	ssment areas	
Delta = [with-current]	Time lag (t-factor) =			_		
	Risk factor =		RFG =	= delta/(t-factor x	risk) =	

Site/Project Name		Application Numbe	ber Assessment Area Name or Number			or Number		
North Florida Resiliency	Connection		W-EE-127			E-127		
FLUCCs code	Further classifica	tion (optional)		Impact	t or Mitigation Site?	Assessment Area Size		
630	We	tland Forested Mi	xed					
Basin/Watershed Name/Number	Affected Waterbody (Clas		Special Classificati	ion (i.e.C	OFW, AP, other local/state/federa	l designation of importance)		
	Class	3	None					
Geographic relationship to and hydro	ologic connection with	wetlands, other su	urface water, upla	nds				
Connected to emergent marsh north of ROW.								
Assessment area description								
Depression exten	sion of pine upland, w	here loblolly drops	out and oaks inc	rease	with increasing water le	evels.		
Significant nearby features			landscape.)	nsideri	ng the relative rarity in	relation to the regional		
Foot ROW, I-10				С	Common to North Floric	la		
Functions			Mitigation for pre	vious p	permit/other historic us	e		
Stormwater conveyance for flo	ood control. Water alter	ring wildlife.			No			
Groundwa	ater recharge				NO			
Anticipated Wildlife Utilization Basec that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)					
			assessment area	1)				
Armad	illo burrow		None					
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or o	ther signs such a	as tracl	ks, droppings, casings,	nests, etc.):		
		Armadillo b	urrow					
Additional relevant factors:								
Alligator weed dominates ditch.								
Assessment conducted by:			Assessment date	e(s):				
Elva Peppers			2/4/2019					



Site/Project Name		Application Number			Assessment Area Name or Number			
North Florida Resiliency C	Connection				W-E	E-128A		
FLUCCs code	Further classifica	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size		
617	Mixe	d Wetland Hardw	nods					
Basin/Watershed Name/Number A	ffected Waterbody (Clas	ss)	Special Classification (i.e.OFW, AP, other local/state/federal designation of importance)					
HUC 10 Fearnside Lake	3							
Geographic relationship to and hydro	ologic connection with	wetlands, other s	urface water, upla	nds				
Adjacent to I10 and	d connected to a large	r wetland system	that flows from the	e Soutl	h to the Northwest und	er 110.		
Assessment area description								
Stream divides up into several drain	age pathways on the I	East end of the we quality		S North	. Connected to stream	and weedy upland (low		
Significant nearby features			Uniqueness (co landscape.)	nsideri	ing the relative rarity in	relation to the regional		
I-10			Not unique					
Functions			Mitigation for prev	vious p	permit/other historic us	е		
Flood attenuation, Water storage,	Wildlife, Filtering of R	oad Pollutants	NA					
Anticipated Wildlife Utilization Based that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)					
Provides habitat and refuge for mam deer), wading and song birds, amphi		raccoon and	NA					
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or	other signs such a	is tracl	ks, droppings, casings	nests, etc.):		
Deer dropp	pings in the upland to t	the East. Observe	d spiders, frogs, li	izards	(Anolis carolinensis).			
Additional relevant factors:								
Shallow stream runs northeast firs	t 70' appx then enters	right of way and proposed Righ	-	outhea	ast at Fence/DOT row	to then turns North off		
Assessment conducted by:			Assessment date	e(s):				
N Raymond and N Calhoun			2/6/2019					

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-128A Impact or Mitigation Assessment conducted by: Assessment date: N. Raymond and N. Calhoun 2/6/2019 Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface provide wetland/surface would be suitable for the maintain most wetland/surface water type of wetland or surface water functions wetland/surface functions water functions water assessed waterfunctions .500(6)(a) Location and Landscape Support Upland edge to North and East was weedy with vines. Berms adjacent to and on North Row are dry. w/o pres or current with 3 3 .500(6)(b)Water Environment (n/a for uplands) The stream has been impacted from continuing runoff from the adjacent interstate. Possible gas pollution afloat on iron deposits. Algae and duckweed present. w/o pres or current with 3 3 .500(6)(c)Community structure 1. Vegetation and/or Appropriate vegetation which includes loblolly pine, sweet bay and water oak. Itea virginica, Cyrilla racemiflora, 2. Benthic Community Smilax laurifolia and Ceratophyllum demersum were also present. n/o pres or with current 6 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.10x7.714=0.771 with w/o pres Adjusted mitigation delta = 0.40 0.3 If mitigation For mitigation assessment areas Delta = [with-current] Time lag (t-factor) =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

0.3-0.4=0.1

Site/Project Name		Application Number	/	Assessment Area Name or Number		
North Florida Re	siliency Connection			W-EE-128A		
Impact or Mitigation		Assessment conducted by:	Assessment date:			
Pole Loc	ation Impact	N. Raymond and N. Ca	lhoun	2/6/2019		
Scoring Guidance	Optimal (10)	Moderate(7)	Min	imal (4)	Not Present (0)	
The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface waterfunctions	wetland/s	vel of support of surface water nctions	Condition is insufficien provide wetland/surfa water functions	
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> wit 3 0		h and East was weedy with vin	ies. Berms ac	djacent to and on	North Row are dry.	
.500(6)(b)Water Environme (n/a for uplands) w/o pres or current wit 3 0	The stream has been impac	cted from continuing runoff fror iron deposits. Algae ar			sible gas pollution afloat	on
.500(6)(c)Community structu 1. Vegetation and/or 2. Benthic Community w/o pres or current wit 6 0	Appropriate vegetation wh Sm	ich includes loblolly pine, swee ilax laurifolia and Ceratophyllu				3,
			_			
Score = sum of above scores/30 uplands, divide by 20) current or w/o pres 0.40 0	Preservation adjustmen	nt factor =		For impact assess	sment areas	
Delta = [with-current]	If mitigation Time lag (t-factor) = Risk factor =			er mitigation asse = delta/(t-factor x		
Form 62-345.900(2), F.A.C. [6	effective date 02-04-2004]					

Site/Project Name		Application Numbe	ər		Assessment Area Name or Number		
North Florida Resiliency	⁷ Connection		W-EE-130			E-130	
FLUCCs code	Further classificat	ition (optional)		Impac	ct or Mitigation Site?	Assessment Area Size	
617	Mixe	ed Wetland Hardw	<i>l</i> oods		Impact		
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classificati	ion (i.e.(OFW, AP, other local/state/federal	designation of importance)	
HUC 10 Fearnside Lake							
Geographic relationship to and hyd	rologic connection with	wetlands, other sr	urface water, upla	nds			
	Adjacent to	I-10; Runoff from	I-10 drains into we	etland			
Assessment area description							
Vegeta	ation within the wetland i	is a mix of hardwc	oods, shrubs, and	mixed	l herbaceous layer.		
Significant nearby features			Uniqueness (co landscape.)	nsider	ring the relative rarity in	relation to the regional	
I-10 and Overpass and associated FDOT fence			Not unique				
Functions			Mitigation for prev	vious	permit/other historic use	9	
Water quality, wate	er storage, wildlife habita	at			NA		
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds	, reptiles, mammals						
Observed Evidence of Wildlife Utili	zation (List species dire	ctly observed, or	other signs such a	as trac	ks, droppings, casings,	nests, etc.):	
		_					
		Deer trad	cks				
Additional relevant factors:							
Assessment conducted by:			Assessment date	ə(s):			
Nicole Jeter			2/4/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-130 Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/4/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to would be suitable for the supports wetland/surface provide wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations and a large area of recently logged pine stands. w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. Additionally, a berm road has been cleared along the boundary of the wetland, which disrupts natural flow. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Outer portions of wetland contain Lygodium japonicum. Age and size distribution of trees show signs that wetland was 2. Benthic Community cleared within the last couple of decades. n/o pres or with current 5 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.07x0.918=0.064 with w/o pres Adjusted mitigation delta =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

0.46-0.53=0.07

0.46

If mitigation

Risk factor =

Time lag (t-factor) =

0.53

For mitigation assessment areas

Site/Project Name		Application Number	ŀ	Assessment Area Name or Number		
North Florida Resili	ency Connection			W-EE-130		
Impact or Mitigation		Assessment conducted by:	nent conducted by: A		Assessment date:	
Pole Location	on Impact	Nicole Jeter			2/4/2019	
Scoring Guidance The scoring of each	Optimal (10)	Moderate(7) Condition is less than	Min	imal (4)	Not Present (0)	
indicator is based on what	Condition is optimal and fully	optimal, but sufficient to	Minimal lev	el of support of	Condition is insufficient to	
would be suitable for the type of wetland or surface	supports wetland/surface water functions	maintain most wetland/surface water		surface water	provide wetland/surface water functions	
water assessed	water functions	functions	iui	ICTIONS	water functions	
.500(6)(a) Location and Landscape Support w/o pres or current with 5 0	This wetland is bounded b transects wetland. The surro	by I-10 on the southern bounda bunding area land use includes stan	pine plantati	a large, barbed w ons and a large a	rire FDOT fence that also area of recently logged pine	
 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. Additionally, a berm road has been cleared along the boundary of the wetland, which disrupts natural flow. 						
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 5 0	Outer portions of wetland c	ontain Lygodium japonicum. A was cleared within the la			es show signs that wetland	
			_			
Score = sum of above scores/30 (if	If preservation as mitig	ation,	F	For impact asses	sment areas	
uplands, divide by 20)	Preservation adjustmen	nt factor =				
current pr w/o pres with			FL = d	elta x acres =		
0.53 0	Adjusted mitigation del	ta =				
	J		_			
		Fo	r mitigation asse	ssment areas		
Delta = [with-current]	Time lag (t-factor) =			-		
		RFG =	delta/(t-factor x	risk) =		
<u></u>	↓ ∟		L			
Form 62-345.900(2), F.A.C. [effe	ctive date 02-04-2004]					

Site/Project Name	Application Number	ər		Assessment Area Name or Number			
North Florida Resiliency	Connection				W-E	E-131	
FLUCCs code	Further classificat	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
617	Mixe	ed Wetland Hardw	voods		Impact		
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classificati	on (i.e.(OFW, AP, other local/state/federal	l designation of importance)	
HUC 10 Fearnside Lake							
Geographic relationship to and hyd	rologic connection with	wetlands, other s	urface water, uplar	nds			
	Adjacent to	I-10; Runoff from	I-10 drains into we	etland			
Assessment area description							
Vegeta	ation within the wetland i	is a mix of hardwo	oods, shrubs, and	mixed	herbaceous layer.		
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and associated FDOT fence			Not unique				
Functions			Mitigation for prev	vious	permit/other historic use	9	
Water quality, wate	er storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds	, reptiles, mammals						
Observed Evidence of Wildlife Utiliz	zation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
		toor trooks and					
		deer tracks and	Songbiras				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter			2/4/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-131 Impact or Mitigation Assessment conducted by: Assessment date: 2/4/2019 Impact Nicole Jeter Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface provide wetland/surface would be suitable for the maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations and a large area of recently logged pine stands. w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. Additionally, a berm road has been cleared along the boundary of the wetland, which disrupts natural flow. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Age and size distribution of trees show signs that wetland was cleared within the last couple of decades. 2. Benthic Community w/o pres or with current 5 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL= delta x acres = 0.07x4.656=0.326 with w/o pres Adjusted mitigation delta = 0.53 0.46

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

0.46-0.53=0.07

If mitigation

Risk factor =

Time lag (t-factor) =

For mitigation assessment areas

Site/Project Name		Application Number	A	Assessment Area Name or Number		
North Florida Re	esiliency Connection				W-EE-131	
Impact or Mitigation		Assessment conducted by:	A	ssessment date	:	
Pole Loo	ation Impact	Nicole Jeter			2/4/2019	
Scoring Guidance The scoring of each	Optimal (10)	Moderate(7) Condition is less than	Minir	mal (4)	Not Present (0)	
indicator is based on what would be suitable for the type of wetland or surface	Condition is optimal and fully supports wetland/surface water functions	optimal, but sufficient to maintain most wetland/surface water	wetland/su	el of support of urface water ctions	Condition is insufficient to provide wetland/surface water functions	
water assessed		functions				
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> wit 5	transects wetland. The surro	by I-10 on the southern bounda ounding area land use includes stan	pine plantatio	large, barbed w ons and a large a	ire FDOT fence that also area of recently logged pin	
.500(6)(b)Water Environme (n/a for uplands) w/o pres or current wit 6 0	The hydroperiod of this we road has bee	tland is altered by adjacent roa n cleared along the boundary (
.500(6)(c)Community struct 1. Vegetation and/or 2. Benthic Community w/o pres or current wit 5 0	Age and size distribution	on of trees show signs that we	tland was clea	red within the la	ist couple of decades.	
Score = sum of above scores/30 uplands, divide by 20) current or w/o pres 0.53	h Adjusted mitigation del	nt factor =		or impact assess elta x acres =	sment areas	
	If mitigation		—			
Delta = [with-current]	Time lag (t-factor) =		For	mitigation asse	ssment areas	
	Risk factor =		RFG = 0	delta/(t-factor x	risk) =	
Form 62-345.900(2), F.A.C. [effective date 02-04-2004]					

Site/Project Name		Application Number	ər		Assessment Area Name	or Number	
North Florida Resiliency	Connection				W-E	E-133	
FLUCCs code	Further classificat	tion (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
617	Mixe	ed Wetland Hardw	loods		Impact		
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classificati	on (i.e.0	OFW, AP, other local/state/federal	designation of importance)	
HUC 10 Fearnside Lake							
Geographic relationship to and hyd	rologic connection with	wetlands, other se	urface water, uplar	nds			
	Adjacent to	I-10; Runoff from	I-10 drains into we	etland.			
Assessment area description							
Vegeta	ation within the wetland i	is a mix of hardwo	oods, shrubs, and	mixed	herbaceous layer.		
Significant nearby features			Uniqueness (con landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and associated FDOT fence			Not unique				
Functions			Mitigation for previous permit/other historic use			e	
Water quality, wate	er storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds,	, reptiles, mammals						
Observed Evidence of Wildlife Utiliz	zation (List species dire-	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
		songbir	de				
			45				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter			2/4/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-133 Impact or Mitigation Assessment conducted by: Assessment date: 2/4/2019 Impact Nicole Jeter Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface provide wetland/surface would be suitable for the maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations and a large area of recently logged pine stands. w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. Additionally, a berm road has been cleared along the boundary of the wetland, which disrupts natural flow. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Age and size distribution of trees show signs that wetland was cleared within the last couple of decades. 2. Benthic Community w/o pres or with current 5 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.07x3.135=0.219 with w/o pres Adjusted mitigation delta = 0.53 0.46

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

0.46-0.53=0.07

If mitigation

Risk factor =

Time lag (t-factor) =

For mitigation assessment areas

Site/Project Name		Application Number	1	Assessment Area	a Name or Number	
North Florida Res	iliency Connection				W-EE-133	
Impact or Mitigation		Assessment conducted by:		Assessment date	:	
Pole Loca	tion Impact	Nicole Jeter			2/4/2019	
			1			
Scoring Guidance The scoring of each	Optimal (10)	Moderate(7) Condition is less than	Min	imal (4)	Not Present (0)	
indicator is based on what	Condition is optimal and fully		Minimal lev	el of support of	Condition is insufficier	nt to
would be suitable for the	supports wetland/surface water functions	maintain most wetland/surface water		surface water	provide wetland/surfa water functions	ace
type of wetland or surface water assessed	water functions	functions	Tunctions		water functions	
.500(6)(a) Location and Landscape Support w/o pres or <u>current with</u> 5 0		by I-10 on the southern bounda bunding area land use includes stan	pine plantati			
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 6 0	The hydroperiod of this we	tland is altered by adjacent roa n cleared along the boundary (rm
.500(6)(c)Community structur 1. Vegetation and/or 2. Benthic Community w/o pres or current with 5 0		on of trees show signs that we	tland was cle	ared within the la	ist couple of decades.	
Score = sum of above scores/30	(if If preservation as mitig	ation,	F	For impact asses	sment areas	
uplands, divide by 20)	Preservation adjustme	nt factor =				
current or w/o pres with	Adjusted mitigation del	to _	FL = d	lelta x acres =		
0.53 0	Adjusted mitigation del	ιa =				
	_		-			
	If mitigation		Fo	or mitigation asse	ssment areas	
Delta = [with-current]	Time lag (t-factor) =					
	Risk factor =		RFG =	= delta/(t-factor x	risk) =	
<u> </u>					I	
Form 62-345.900(2), F.A.C. [ef	fective date 02-04-2004]					

Site/Project Name		Application Number	er		Assessment Area Name	or Number	
North Florida Resiliency	/ Connection				W-EE	-134A	
FLUCCs code	Further classifie	cation (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
631		Wetland Scrub			Impact		
Basin/Watershed Name/Number HUC 10 Alligator Creek - Aucilla River	Affected Waterbody (Cl	lass)	Special Classificati	ON (i.e.	OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hyd	Irologic connection wit	th wetlands, other s	urface water, uplar	nds			
Adjacent to I-10; Runoff from I-10	drains into wetland. A	stream traverses t north of assess	-	orth, a	across Thompson Valley	Rd, and into wetlands	
Assessment area description							
Vegeta	ation within the wetlan	d is a mix of hardwo	oods, shrubs, and	mixed	l herbaceous layer.		
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and Overpass and associated FDOT fence, Hwy 19, and surroundi roads.			Not unique				
Functions			Mitigation for prev	vious	permit/other historic use	9	
Water quality, wate	er storage, wildlife hab	bitat	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds	, reptiles, mammals						
Observed Evidence of Wildlife Utili	zation (List species di	rectly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
		skeleton of mud pu	ippy observed				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter			2/5/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-134A Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/5/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to provide wetland/surface would be suitable for the supports wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations and a large area of recently logged pine stands. w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Community structure is to be expected, except the age/size distribution of species shows that area was likely cleared 2. Benthic Community within the last 20-30 years. n/o pres or with current 6 6 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = with w/o pres Adjusted mitigation delta = 0.56 0.56 If mitigation For mitigation assessment areas

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Time lag (t-factor) =

Risk factor =

Delta = [with-current]

Site/Project Name		Application Number	ər		Assessment Area Name	or Number	
North Florida Resiliency C	Connection				W-EE	-134B	
FLUCCs code	Further classificat	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
640	Vegetate	ted Non-forested V	Netlands		Impact		
Basin/Watershed Name/Number A HUC 10 Alligator Creek - Aucilla River	ffected Waterbody (Clas		Special Classification	on (i.e.0	OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hydro	logic connection with	wetlands, other s	urface water, uplar	nds			
Adjacent to I-10; Runoff from I-10 d	rains into wetland. A s	stream traverses t north of assess	-	orth, a	across Thompson Valley	Rd, and into wetlands	
Assessment area description							
	Vegetation with	hin the wetland is	a mixed herbaceo	us lay	/er.		
Significant nearby features			Uniqueness (cor landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and Overpass and associated FDOT fence, Hwy 19, and surroundir roads.			Not unique				
Functions			Mitigation for prev	vious	permit/other historic use	9	
Water quality, water	storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Based that are representative of the assess be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds, r	reptiles, mammals						
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or	other signs such a	s trac	ks, droppings, casings,	nests, etc.):	
	sl	keleton of mud pu	ippy observed				
Additional relevant factors:							
Assessment conducted by:			Assessment date	(s):			
Nicole Jeter			2/5/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-134B Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/5/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to provide wetland/surface would be suitable for the supports wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations and a large area of recently logged pine stands. w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Vegetation is a mixed herbaceous layer with appropriate species for the region but limited diversity. 2. Benthic Community w/o pres or with current 6 6 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = with w/o pres Adjusted mitigation delta = 0.56 0.56 If mitigation For mitigation assessment areas

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Time lag (t-factor) =

Risk factor =

Delta = [with-current]

Site/Project Name		Application Number	ər		Assessment Area Name	or Number	
North Florida Resiliency	Connection				W-EE	-134C	
FLUCCs code	Further classifica	ation (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
630	We	etland Forested M			Impact		
					····••		
Basin/Watershed Name/Number HUC 10 Alligator Creek - Aucilla River	Affected Waterbody (Clas	35)	Special Classification	on (i.e.0	OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hyd	rologic connection with	wetlands, other s	urface water, uplar	nds			
Adjacent to I-10; Runoff from I-10	drains into wetland. A s	stream traverses t north of assess	-	orth, a	cross Thompson Valley	Rd, and into wetlands	
Assessment area description							
Vegeta	ation within the wetland i	is a mix of hardwo	oods, shrubs, and p	mixed	herbaceous layer.		
Significant nearby features			Uniqueness (cor landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and Overpass and associated FDOT fence, Hwy 19, and surroundi roads.			Not unique				
Functions			Mitigation for prev	vious	permit/other historic use	2	
Water quality, wate	er storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds	, reptiles, mammals						
Observed Evidence of Wildlife Utili	zation (List species dire	ectly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
	sl	keleton of mud pu	Jppy observed				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter			2/5/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-134C Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter Impact 2/5/2019 Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to provide wetland/surface would be suitable for the supports wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations and a large area of recently logged pine stands. w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Community structure is to be expected, except the age/size distribution of species shows that area was likely cleared 2. Benthic Community within the last 20-30 years. n/o pres or with current 6 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.10x0.069=0.007 with w/o pres Adjusted mitigation delta = 0.56 0.46 If mitigation For mitigation assessment areas

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Time lag (t-factor) =

Risk factor =

Delta = [with-current]

0.46-0.56=0.1

Site/Project Name		Application Numbe	ər		Assessment Area Name	or Number	
North Florida Resiliency	Connection				W-E	E-136	
FLUCCs code	Further classificat	tion (optional)		Impac	ct or Mitigation Site?	Assessment Area Size	
630	We	etland Forested Mi	ixed		Impact		
Basin/Watershed Name/Number HUC 10 Alligator Creek - Aucilla River	Affected Waterbody (Clas	;s)	Special Classificati	on (i.e.0	OFW, AP, other local/state/federal	l designation of importance)	
Geographic relationship to and hydr	ologic connection with	wetlands, other s	urface water, uplar	nds			
	Adjacent to	I-10; Runoff from	I-10 drains into we	etland			
Assessment area description							
Vegeta	tion within the wetland i	is a mix of hardwc	oods, shrubs, and	mixed	herbaceous layer.		
Significant nearby features			Uniqueness (co landscape.)	nsider	ring the relative rarity in	relation to the regional	
I-10 and associated FDOT fence			Not unique				
Functions			Mitigation for previous permit/other historic use			e	
Water quality, wate	r storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds,	reptiles, mammals						
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
		None	1				
Additional relevant factors:							
Assessment conducted by:			Assessment date	;(s):			
Nicole Jeter			2/5/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-136 Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/5/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface would be suitable for the provide wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Community structure is to be expected, except the age/size distribution of species shows that area was likely cleared 2. Benthic Community within the last 20-30 years. w/o pres or with current 6 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.10x0.488=0.049 w/o pres Adjusted mitigation delta = 0.56 0.46 If mitigation

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Time lag (t-factor) =

Risk factor =

Delta = [with-current]

0.46-0.56=0.1

For mitigation assessment areas

Site/Project Name		Application Numbe	ər		Assessment Area Name	or Number	
North Florida Resiliency	Connection				W-E	E-137	
FLUCCs code	Further classificat	tion (optional)		Impac	ct or Mitigation Site?	Assessment Area Size	
630	We	etland Forested Mi	ixed		Impact		
Basin/Watershed Name/Number HUC 10 Alligator Creek - Aucilla River	Affected Waterbody (Clas	;s)	Special Classificati	on (i.e.0	OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hydr	ologic connection with	wetlands, other st	urface water, upla	nds			
	Adjacent to	I-10; Runoff from	I-10 drains into we	etland			
Assessment area description							
Vegeta	tion within the wetland i	is a mix of hardwo	oods, shrubs, and	mixed	herbaceous layer.		
Significant nearby features			Uniqueness (co landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and associated FDOT fence			Not unique				
Functions			Mitigation for previous permit/other historic use			e	
Water quality, wate	er storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds,	reptiles, mammals						
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or	other signs such a	as trac	ks, droppings, casings,	nests, etc.):	
		None	ł				
Additional relevant factors:							
Assessment conducted by:			Assessment date	ə(s):			
Nicole Jeter			2/5/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-137 Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/5/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface would be suitable for the provide wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations w/o pres or current with 5 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Community structure is to be expected, except the age/size distribution of species shows that area was likely cleared 2. Benthic Community within the last 20-30 years. w/o pres or with current 6 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL= delta x acres = 0.10x0.644=0.064 with w/o pres Adjusted mitigation delta = 0.56 0.46

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Delta = [with-current]

0.46-0.56=0.1

If mitigation

Risk factor =

Time lag (t-factor) =

For mitigation assessment areas

Site/Project Name		Application Number	Number Assessment Area Name or Number				
North Florida Resiliency	Connection				W-EF	E-139	
FLUCCs code	Further classifica	ition (optional)		Impac	ct or Mitigation Site?	Assessment Area Size	
640	Vegetate	ed Non-forested V	Netlands		Impact		
Basin/Watershed Name/Number HUC 10 Alligator Creek - Aucilla River	Affected Waterbody (Clas	ss)	Special Classificati	on (i.e.(OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hyd	rologic connection with	wetlands, other s	urface water, uplar	nds			
	Adjacent	to larger wetland	complex north of a	area			
Assessment area description							
	Recent	ily cleared pine st	and adjacent to I-1	0			
Significant nearby features			Uniqueness (col landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and Overpass and associated FDOT fence, Hwy 19, and surrounding roads.			Not unique				
Functions			Mitigation for previous permit/other historic use			;	
Water quality, wate	er storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds	, reptiles, mammals						
Observed Evidence of Wildlife Utili:	zation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
		None	•				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter			2/6/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-139 Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/6/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to supports wetland/surface would be suitable for the provide wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is adjacent to I-10 on the southern boundary. The area is also surrounded by pine plantations and recently cleared pine stands. w/o pres or current with 2 2 .500(6)(b)Water Environment (n/a for uplands) The hydrology of this wetland is completely altered. It appears that streams may have traversed the area, however the wetland has been clear cut and a large built up road has created a berm on the southern boundary of the wetland, blocking natural flow. w/o pres or current with 2 2 .500(6)(c)Community structure 1. Vegetation and/or The entire wetland has been clear cut and there are no identifiable species. Area is covered with dead pine branches 2. Benthic Community and pine straw. w/o pres or with current 2 2 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = with w/o pres Adjusted mitigation delta = 0.2 0.23 If mitigation

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Time lag (t-factor) =

Risk factor =

Delta = [with-current]

For mitigation assessment areas

Site/Project Name		Application Number	ər		Assessment Area Name	or Number	
North Florida Resiliency	Connection				W-EE	-140A	
FLUCCs code	Further classifica	ition (optional)		Impac	t or Mitigation Site?	Assessment Area Size	
630	We	etland Forested M	ixed		Impact		
Basin/Watershed Name/Number HUC 10 Alligator Creek - Aucilla River	Affected Waterbody (Clas	ss)	Special Classificati	ON (i.e.C	DFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hyd	rologic connection with	wetlands, other s	urface water, uplar	nds			
Aucilla F	River flows through wetla	and. Adjacent to I	-10 and runoff fror	n l-10	drains into wetland.		
Assessment area description							
Vegeta	ation within the wetland i	is a mix of hardwo	oods, shrubs, and	mixed	herbaceous layer.		
Significant nearby features			Uniqueness (con landscape.)	nsider	ing the relative rarity in	relation to the regional	
I-10 and associated FDOT fence south of wetland, Aucilla River flows through wetland further west.			Not unique				
Functions	Mitigation for previous permit/other historic use			9			
Water quality, wate	er storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds,	, reptiles, mammals						
Observed Evidence of Wildlife Utiliz	zation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
		None	:				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter			2/6/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-140A Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/6/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to provide wetland/surface would be suitable for the supports wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations, areas of recently logged pine stands, and cow pasture. Aucilla River flows through wetland west of assessment area. w/o pres or current with 6 5 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Invasive species observed in the outer portion of wetland. 2. Benthic Community w/o pres or with current 6 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.13x4.926=0.640 with w/o pres Adjusted mitigation delta = 0.6 0.47 If mitigation For mitigation assessment areas Delta = [with-current] Time lag (t-factor) =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

0.47-0.6=0.13

Site/Project Name		Application Number	Number Assessment Area Name or Number			or Number	
North Florida Resiliency	Connection				W-EE	-140B	
FLUCCs code	Further classificat	tion (optional)		Impac	ct or Mitigation Site?	Assessment Area Size	
630	We	etland Forested Mi	ixed		Impact		
Basin/Watershed Name/Number HUC 10 Alligator Creek - Aucilla River	Affected Waterbody (Clas	;s)	Special Classificati	ON (i.e.(OFW, AP, other local/state/federal	designation of importance)	
Geographic relationship to and hydr	ologic connection with	wetlands, other s	urface water, uplar	nds			
Aucilla F	River flows through wetla	and. Adjacent to I	-10 and runoff fror	n l-10	drains into wetland.		
Assessment area description							
Vegeta	tion within the wetland i	is a mix of hardwo	oods, shrubs, and	mixed	herbaceous layer.		
Significant nearby features	Significant nearby features			nsider	ing the relative rarity in	relation to the regional	
I-10 and associated FDOT fence south of wetland, Aucilla River flows through wetland further west.			Not unique				
Functions	Mitigation for previous p			permit/other historic use	9		
Water quality, wate	r storage, wildlife habita	at	NA				
Anticipated Wildlife Utilization Base that are representative of the asses be found)			Anticipated Utilization by Listed Species (List species, their legal classification (E, T, SSC), type of use, and intensity of use of the assessment area)				
Wading birds,	reptiles, mammals						
Observed Evidence of Wildlife Utiliz	ation (List species dire	ctly observed, or	other signs such a	is trac	ks, droppings, casings,	nests, etc.):	
		None	;				
Additional relevant factors:							
Assessment conducted by:			Assessment date	e(s):			
Nicole Jeter			2/6/2019				

Application Number Site/Project Name Assessment Area Name or Number North Florida Resiliency Connection W-EE-140B Impact or Mitigation Assessment conducted by: Assessment date: Nicole Jeter 2/6/2019 Impact Scoring Guidance Optimal (10) Moderate(7) Minimal (4) Not Present (0) The scoring of each Condition is less than Minimal level of support of indicator is based on what Condition is optimal and fully optimal, but sufficient to Condition is insufficient to provide wetland/surface would be suitable for the supports wetland/surface maintain most wetland/surface water type of wetland or surface water functions wetland/surface water functions water functions water assessed functions .500(6)(a) Location and Landscape Support This wetland is bounded by I-10 on the southern boundary. There is a large, barbed wire FDOT fence that also transects wetland. The surrounding area land use includes pine plantations, areas of recently logged pine stands, and cow pasture. Aucilla River flows through wetland west of assessment area. w/o pres or current with 6 6 .500(6)(b)Water Environment (n/a for uplands) The hydroperiod of this wetland is altered by adjacent road and interstate right of way slope. w/o pres or current with 6 6 .500(6)(c)Community structure 1. Vegetation and/or Invasive species observed in the outer portion of wetland. 2. Benthic Community w/o pres or with current 6 3 Score = sum of above scores/30 (if If preservation as mitigation, For impact assessment areas uplands, divide by 20) Preservation adjustment factor = current FL = delta x acres = 0.10x1.267=0.127 with w/o pres Adjusted mitigation delta = 0.6 0.5 If mitigation For mitigation assessment areas Delta = [with-current] Time lag (t-factor) =

PART II – Quantification of Assessment Area (impact or mitigation) (See Sections 62-345.500 and .600, F.A.C.)

Form 62-345.900(2), F.A.C. [effective date 02-04-2004]

Risk factor =

0.5-0.6=0.1

Site/Project Name		Application Number		Assessment Area	a Name or Number	
North Florida Res	liency Connection			١	V-EE-140B	
Impact or Mitigation		Assessment conducted by:		Assessment date	:	
Pole Locat	ion Impact	Nicole Jeter			2/6/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Mir	nimal (4)	Not Present (0)	
The scoring of each indicator is based on what	Condition is optimal and fully	Condition is less than optimal, but sufficient to	Minimal lev	vel of support of	Condition is insufficient	to
would be suitable for the	supports wetland/surface	maintain most		surface water	provide wetland/surfac	
type of wetland or surface	water functions	wetland/surface water	fu	nctions	water functions	
water assessed		functions				
.500(6)(a) Location and Landscape Support w/o pres or <u>current</u> with	transects wetland. The surr	by I-10 on the southern bounda ounding area land use include pasture. Aucilla River flows thro	s pine planta	ations, areas of re	cently logged pine stands	
6 0						
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 6 0	The hydroperiod	l of this wetland is altered by a	djacent road	and interstate rig	ht of way slope.	
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 6 0		invasive species observed in	the outer por	rtion of wetland.		
Score = sum of above scores/30	(if If preservation as mitig	ation,		For impact asses	sment areas	
uplands, divide by 20) current or w/o pres with 0.6 0	Preservation adjustmen Adjusted mitigation del		FL = c	delta x acres =		
	If mitigation		F	or mitigation asse	ssment areas	
Delta = [with-current]	Time lag (t-factor) =			-	———————————————————————————————————————	
	Risk factor =		RFG =	= delta/(t-factor x	risk) =	
<u>}</u>			L			