ATTACHMENT B

Representative UMAM Worksheets by Impact Type

Summary Table of Forested Wetland Impacts

	Temporary Impact Acres Permanent Impa			ent Impact Acres	
Forested Wetland Type	UMAM (Range)	Temporary Construction (Canopy Clearing)	Permanent Fill	Permanent Conversion to Herbaceous WL	Total Impact Acres
611	.578	1.024	0.030	21.101	22.155
613	.4763	0.736	0.023	20.654	21.413
614	.5767	0.000	0.002	1.035	1.037
615	.58	0.000	0.002	2.116	2.118
616	0.43	0.000	0.000	0.326	0.326
617	.3373	1.221	0.057	42.640	43.918
621	.58	0.080	0.006	3.714	3.800
625	0.43	0.075	0.000	0.000	0.075
630	.38	1.568	0.107	91.628	93.303
		4.704	0.227	183.214	188.145

Site/Project Name		Application Number	ar .		Assessment Area Name	or Number	
Gulf Power Company		Application Number					
North Florida Resiliency	Connection					amps (FLUCFCS 611) - ched list for Wetland ID's	
				1			
FLUCCs code	Further classification	ation (optional)		Impac	ct or Mitigation Site?	Assessment Area Size	
611		Bay Swamps		lm	npact		
Design Advance and Alexandr Alexandra	A#		0	"			
Basin/Watershed Name/Number HUC 10 Alligator Creek-Aucilla	Affected Waterbody (Cla	iss)	Special Classificati	On (i.e.C	OFW, AP, other local/state/federa	Il designation of importance)	
River							
Geographic relationship to and hyd	drologic connection with	wetlands, other s	urface water, upla	nds			
Adja	acent to I-10 and histori	ical swamp to the r	north. Has been hy	/drolo(gically impacted.		
Assessment area description							
		Depressional b	ay swamp				
Significant nearby features			Uniqueness (co	nsider	ring the relative rarity in	relation to the regional	
Significant nearby features			landscape.)				
	Somewhat due to connection to large bottomland swamp to the north.						
Firm attinue			NAME				
Functions			Mitigation for pre	vious	permit/other historic us	e	
Water quality, water	er storage, wildlife habit	tat			NA		
Anticipated Wildlife Utilization Base	ed on Literature Review	(List of species	Anticipated Utiliza	ation b	y Listed Species (List	species, their legal	
that are representative of the asse			, , , , , , , , , , , , , , , , , , , ,				
be found)			assessment area)				
Provides habitat and refuge for ma	ammals, wading birds, r	aptors.					
woodpeckers, reptiles and amphibi			NA				
Observed Evidence of Wildlife Utili	ization (List species dire	ectly observed or	hther signs such a	s trac	ks dronnings casings	nests etc.):	
	lumerous songbirds, eg					, 110313, 010.).	
	0 / 0		•	•	Ü		
Additional relevant factors:							
7.00.00.00.00.00.00.00.00.00.00.00.00.00							
Assessment conducted by:			Assessment date	(s):			
E&E							
			i				

County	Type	MP_{-}	Wetland ID	FLUCCS	Impact Type	UMAM	Impact Acreage
Madison	Wetland	68.9	W-EE-118	611	Perm Conversion	0.57	2.860
Madison	Wetland	68.9	W-EE-118	611	Perm Fill	0.57	0.005
Madison	Wetland	68.9	W-EE-118	611	Temp Construction	0.57	0.031
Jefferson	Wetland	84.5	W-EE-143	611	Perm Conversion	0.6	0.472
Jefferson	Wetland	84.5	W-EE-143	611	Perm Fill	0.6	0.001
Jefferson	Wetland	84.5	W-EE-143	611	Temp Construction	0.6	0.226
Jefferson	Wetland	84.7	W-EE-145	611	Perm Conversion	0.77	1.327
Jefferson	Wetland	84.7	W-EE-145	611	Perm Fill	0.77	0.001
Jefferson	Wetland	85.1	W-EE-147	611	Perm Conversion	0.57	0.155
Jefferson	Wetland	86.1	W-EE-151	611	Perm Conversion	0.67	0.779
Jefferson	Wetland	86.1	W-EE-151	611	Perm Fill	0.67	0.001
Jefferson	Wetland	86.1	W-EE-151	611	Temp Construction	0.67	0.308
Jefferson	Wetland	86.6	W-EE-152	611	Perm Conversion	0.73	2.567
Jefferson	Wetland	86.6	W-EE-152	611	Perm Fill	0.73	0.003
Jefferson	Wetland	86.6	W-EE-152	611	Temp Construction	0.73	0.459
Jefferson	Wetland	88.4	W-EE-164A	611	Perm Conversion	0.8	7.599
Jefferson	Wetland	88.4	W-EE-164A	611	Perm Fill	0.8	0.010
Jefferson	Wetland	89.4	W-EE-164B	611	Perm Conversion	0.8	
Jefferson	Wetland	89.4	W-EE-164B	611	Perm Fill	0.8	0.001
Jefferson	Wetland	89.6	W-EE-164C	611	Perm Conversion	0.8	
Jefferson	Wetland	89.6	W-EE-164C	611	Perm Fill	0.8	0.001
Jefferson	Wetland	90.6	W-EE-172	611	Perm Conversion	0.63	0.240
Jefferson	Wetland	90.8	W-EE-173_1	611	Perm Conversion	0.7	0.406
Jefferson	Wetland	90.8	W-EE-173_1		Perm Fill	0.7	0.001
Jefferson	Wetland	90.9	W-EE-173_3	611	Perm Conversion	0.7	0.323
Jefferson	Wetland	91.1	W-EE-175A	611	Perm Conversion	0.73	1.878
Jefferson	Wetland	91.1	W-EE-175A	611	Perm Fill	0.73	0.002
Jefferson	Wetland	98.8	W-EE-207A		Perm Conversion	0.63	0.051
Jefferson	Wetland	98.9	W-EE-207B	611	Perm Conversion	0.63	0.122
Jefferson	Wetland	98.9	W-EE-207B	611	Perm Fill	0.63	0.001
Jefferson	Wetland		W-EE-209		Perm Conversion	0.77	
Jefferson	Wetland	99.8	W-EE-211		Perm Conversion	0.77	
Jefferson	Wetland	99.8	W-EE-211		l Perm Fill	0.77	
Jefferson	Wetland	100.5	W-EE-212	611	Perm Conversion	0.7	0.015

		<u></u>				
Site/Project Name	Application Number		Assessment Area Name or Number			
Gulf Power Company North Florida Resiliency Cor	anaction			Bay Swamps (FLUCFCS 611) - see attached list for Wetland ID's		
Impact or Mitigation	inection	Assessment conducted by:		Assessment date		108
, ,		<u> </u>		A33033IIICIII dato	•	
Temporary Construction I	npacts	E&E				
			•			
Scoring Guidance	Optimal (10)	Moderate(7)	Mir	nimal (4)	Not Present	t (0)
The scoring of each	0 150 1 16 1	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		vel of support of surface water	Condition is insur provide wetland	
type of wetland or surface	water functions	maintain most wetland/surface		nctions	water functi	
water assessed	water functions	waterfunctions	l lu	TIOUOTIS	water furieti	0113
.500(6)(a) Location and Landscape Support Range 4 - 8. Average = 6.6	The wetland is located of	f of an exit ramp, adjacent to Ir significant bottomland			. The wetland is pa	rt of a
Av=6.6 7						
.500(6)(b)Water Environment (n/a for uplands) Range 6- 8; Average = 7.4 w/o pres or current Av=7.4 The wetland is a band of bottomland swamp. The hydrology has been impacted by the construction of I-south and timbering practices to the north.					construction of I-10	0 to the
1. Vegetation and/or 2. Benthic Community Range 6- 8; Average = 7.6 w/o pres or current with Av= 7.6 3		nich includes red maple, sweet and Cliftonia. Groundcover incl				
Score = sum of above scores/30 (ii	If proportion on militar	ation		For impact coases	emont areas	
uplands, divide by 20)	If preservation as mitiga	auon,		For impact assess	omeni areas	
	Preservation adjustmen	nt factor =				
current or w/o pres with				delta x acres x time	lag = 0.16 x	
	Adjusted mitigation delt	a =	1.024	x 1.46 = 0.239		
Av =0.72 Av =0.56			<u></u>		•	
	If mitigation					İ
	If mitigation		F	or mitigation asse	ssment areas	
Delta = [with-current]	Time lag (t-factor) =		-			
- 0.16	Risk factor =		RFG =	= delta/(t-factor x r	risk) =	

County	Type	MP_{-}	Wetland ID	FLUCCS	Impact Type	UMAM	Impact Acreage
Madison	Wetland	68.9	W-EE-118	6	11 Temp Construction	0.57	0.031
Jefferson	Wetland	84.5	W-EE-143	6	11 Temp Construction	0.6	0.226
Jefferson	Wetland	86.1	W-EE-151	6	11 Temp Construction	0.67	0.308
Jefferson	Wetland	86.6	W-EE-152	6	11 Temp Construction	0.73	0.459

Site/Project Name North Florida Resilie Impact or Mitigation	Bay Swamp see attache Assessment conducted by: Assessment date					
Pole Location Impact/Permane	ent Fill	E&E			2/7/2019	
Scoring Guidance The scoring of each indicator is based on what	Optimal (10) Condition is optimal and fully	Moderate(7) Condition is less than optimal, but sufficient to		vel of support of	Not Present	` '
would be suitable for the type of wetland or surface water assessed	supports wetland/surface water functions	maintain most wetland/surface waterfunctions	wetland/s	surface water nctions	provide wetland water funct	d/surface
.500(6)(a) Location and Landscape Support Range 4 - 8; Average = 6.42 w/o pres or current with 0		of an exit ramp, adjacent to Ir significant bottomland			. The wetland is p	art of a
.500(6)(b)Water Environment (n/a for uplands) Range 5- 8; Average = 7.11 w/o pres or current with 7	The wetland is a band of bo	ottomland swamp. The hydrold south and timbering p	0,		construction of I-1	10 to the
1. Vegetation and/or 2. Benthic Community Range 5-8; Average = 7.3 w/o pres or current with Av=7.31 0	buttonbush, fetterbush a	nich includes red maple, swee nd Cliftonia. Groundcover incl				
Score = sum of above scores/30 (if uplands, divide by 20) current Range from .578	If preservation as mitigate Preservation adjustmen			For impact assess		
or w/o pres with Av=0.63 0	Adjusted mitigation delt	ta =	FL = d	lelta x acres = 0.63	3 x 0.30 = 0.019	
Delta = [with-current]	If mitigation Time lag (t-factor) =		Fo	or mitigation asse	essment areas	
-0.63	Risk factor =		RFG =	e delta/(t-factor x	risk) =	

Site/Project Name		Application Number	IAss	occmont Aroa	Name or Numbe	r
North Florida Resil	ionay Connection	Application Number		Assessment Area Name or Number Bay Swamps (FLUCFCS 611) -		
Impact or Mitigation	ency Connection	Assessment conducted by:		see attached list for Wetland ID's Assessment date:		
Impact - Permanent Conve	roion to Harbana aug	Assessment conducted by.	755	2/7/2019		
impact - Fermanent Conve	ISION to Herbaceous				2/1/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Minima	al (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 waterfunctions	Minimal level of wetland/surf function	ace water	Condition is insu provide wetland water functi	l/surface
.500(6)(a) Location and Landscape Support Range 4 - 8; Average = 6.4 w/o pres or current with Av=6.42 Av=6.42	2	of an exit ramp, adjacent to Ir significant bottomland			. The wetland is pa	art of a
.500(6)(b)Water Environment (n/a for uplands) Range 5- 8; Average = 7.11 w/o pres or current with Av=7.1		ottomland swamp. The hydrold south and timbering p			construction of I-1	0 to the
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community Range 5- 8; Average = 7.31 w/o pres or current with Av=7.31 Av=3.0		nich includes red maple, sweer nd Cliftonia. Groundcover incl				
Score = sum of above scores/30 (If preservation as mitigate	ation,	For	impact assess	sment areas	
uplands, divide by 20) current Range from .578	Preservation adjustmen	nt factor =				
or w/o pres with	Adjusted mitigation del	ta =	FL = delta	x acres = 0.08	x 21.101 =	
Av=0.63 Av=.55	, tajaotoa miligation dei					l
<u> </u>	<u> </u>					-
	If mitigation		For m	itigation asses	ssment areas	
Delta = [with-current]	Time lag (t-factor) =					
08	Risk factor =		RFG = de	elta/(t-factor x r	risk) =	

County	Type	MP_ Wetland ID	FLUCCS Impact Type	UMAM	Impact Acreage
Madison	Wetland	68.9 W-EE-118	611 Perm Conversion	0.57	2.860
Jefferson	Wetland	84.5 W-EE-143	611 Perm Conversion	0.6	0.472
Jefferson	Wetland	84.7 W-EE-145	611 Perm Conversion	0.77	1.327
Jefferson	Wetland	85.1 W-EE-147	611 Perm Conversion	0.57	0.155
Jefferson	Wetland	86.1 W-EE-151	611 Perm Conversion	0.67	0.779
Jefferson	Wetland	86.6 W-EE-152	611 Perm Conversion	0.73	2.567
Jefferson	Wetland	88.4 W-EE-164A	611 Perm Conversion	0.8	7.599
Jefferson	Wetland	89.4 W-EE-164B	611 Perm Conversion	0.8	0.782
Jefferson	Wetland	89.6 W-EE-164C	611 Perm Conversion	0.8	1.326
Jefferson	Wetland	90.6 W-EE-172	611 Perm Conversion	0.63	0.240
Jefferson	Wetland	90.8 W-EE-173_1	611 Perm Conversion	0.7	0.406
Jefferson	Wetland	90.9 W-EE-173_3	611 Perm Conversion	0.7	0.323
Jefferson	Wetland	91.1 W-EE-175A	611 Perm Conversion	0.73	1.878
Jefferson	Wetland	98.8 W-EE-207A	611 Perm Conversion	0.63	0.051
Jefferson	Wetland	98.9 W-EE-207B	611 Perm Conversion	0.63	0.122
Jefferson	Wetland	99.6 W-EE-209	611 Perm Conversion	0.77	0.139
Jefferson	Wetland	99.8 W-EE-211	611 Perm Conversion	0.77	0.060
Jefferson	Wetland	100.5 W-EE-212	611 Perm Conversion	0.7	0.015

Site/Project Name Gulf Power Company North Florida Resiliency Connection			Application Numbe	Assessment Area Name or Number Gum Swamps (FLUCFCS 613) - see attached list for Wetland ID's			UCFCS 613) -
FLUCCs code		Further classifica	tion (optional)		Impac	ct or Mitigation Site?	Assessment Area Size
613			Gum Swamps				
Basin/Watershed Name/Number HUC 10 Alligator Creek/Aucilla River	Affecte	ed Waterbody (Clas	ss)	Special Classificati	on (i.e.	OFW, AP, other local/state/federal	designation of importance)
Geographic relationship to and hyd	lrologi	connection with	wetlands, other so	urface water, uplai	nds		
			Adjacent to	o I-10			
Assessment area description							
The wetland is partially planted pin	e (441		-	e understory, mos retland, drains und	-	- ·	ater ditch is adjacent to
5	Uniqueness (considering the relative rarity in relation to the regional landscape.)						
I-10, Planted pine	not unique						
Functions				Mitigation for prev	/ious	permit/other historic use)
Minimal Water quality, water storage, wildlife habitat				NA			
Anticipated Wildlife Utilization Base that are representative of the asset 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, reptiles	, racco	oon, opossum					
Observed Evidence of Wildlife Utili	zation	(List species dire	ctly observed, or	Lother signs such a	s trac	ks, droppings, casings,	nests, etc.):
Additional relevant factors:							
Assessment conducted by:				Assessment date	(s):		
EE							

County	Type	MP_{-}	NEW_ID	FLUCCS Perm_Temp	UMAM	CALC_acre
Madison	Wetland	66.6	W-EE-113	613 Perm Conversion	0.47	1.426
Madison	Wetland	69.4	W-EE-119A	613 Perm Conversion	0.53	0.460
Madison	Wetland	69.4	W-EE-119B	613 Perm Conversion	0.53	0.019
Madison	Wetland	73.5	W-EE-123	613 Perm Conversion	0.63	14.923
Madison	Wetland	76.9	W-EE-125	613 Perm Conversion	0.53	3.114
Jefferson	Wetland	88	W-EE-161	613 Perm Conversion	0.50	0.713
Jefferson	Wetland	88	W-EE-161	613 Temp Construction	0.50	0.041
Madison	Wetland	0	W-EE-AA-003	613 Temp Construction	0.53	0.157
Madison	Wetland	0	W-EE-AA-004	613 Temp Construction	0.53	0.051
Madison	Wetland	73.5	W-EE-123	613 Temp Construction	0.63	0.482
Madison	Wetland	76.9	W-EE-125	613 Temp Construction	0.53	0.006
Madison	Wetland	66.6	W-EE-113	613 Perm Fill	0.47	0.002
Madison	Wetland	69.4	W-EE-119A	613 Perm Fill	0.53	0.001
Madison	Wetland	73.5	W-EE-123	613 Perm Fill	0.63	0.017
Madison	Wetland	76.9	W-EE-125	613 Perm Fill	0.53	0.002

Site/Project Name Gulf Power Company North Florida Resiliency Connec	tion	Gum Swamp		nent Area Name or Number Swamps (FLUCFCS 6 attached list for Wetland	ps (FLUCFCS 613) -		
Impact or Mitigation		Assessment conducted by:		ent date:	<u> </u>		
Temporary Construction	Impacts						
			'				
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (4)	Not Preser	nt (0)		
The scoring of each	Condition is setimal and full.	Condition is less than	Minimalland of ann	and of Condition in inc	.fficions so		
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 sup wetland/surface w				
type of wetland or surface	water functions	wetland/surface water	functions	water func			
water assessed		functions					
Adjacent to I-10							
Range 5 -6; Av = 5.2	The wetla	The wetland has planted pines, center area is ponded swamp, looks isolated					
4 w/o pres or							
current with							
Av = 5.2 Av = 5.2							
.500(6)(b)Water Environment (n/a for uplands) Range 5 -6; Av = 5.4 current with Av 5.4	The hydrolo	gy of this wetland is impacted	but is a functioning de	epressional wetland			
1. Vegetation and/or 2. Benthic Community Range 5 -7; Av = 5.8 current with Av = 5.8 Av = 3		are are planted pines but the i (outside the project area). The by altered draina	e edge of the wetland i				
Score = sum of above scores/30 (if	If preservation as mitiga	ation,	For impac	ct assessment areas	1		
uplands, divide by 20)	Droopy of the addition to the	at footor			1		
current	Preservation adjustmen	it lactor =	FL = delta x aci	res x time lag =			
br w/o pres with Av - 0.55 Av = 0.45	Adjusted mitigation delt	a =	0.10 x 0.736 x				
7.0 0.50							
	If mitigation		For mitigati	ion assessment areas	1		
Delta = [with-current]	Time lag (t-factor) =		1 of miligati	ion assessment areas	1		
-0.10	RFG = delta/(t-factor x risk) =			factor x risk) =			

County	Type	MP Wetland ID	FLUCCS Impact Type	UMAM	Impact Acreage
Madison	Wetland	73.5 W-EE-123	613 Temp Construction	0.63	0.482
Madison	Wetland	76.9 W-EE-125	613 Temp Construction	0.53	0.006
Jefferson	Wetland	88 W-EE-161	613 Temp Construction	0.5	0.041
Madison	Wetland	0 W-EE-AA-003	613 Temp Construction	0.53	0.157
Madison	Wetland	0 W-EE-AA-004	613 Temp Construction	0.53	0.051
					0.736

Site/Project Name Gulf Power Company North Florida Resilien	cy Connec	tion	Application Number	Gum Sv	Assessment Area Name or Number Gum Swamps (FLUCFCS 613) - see attached list for Wetland ID's		
Impact or Mitigation Impact - Permar			Assessment conducted by:	Assessmen	t date:		
				ı			
Scoring Guidance		Optimal (10)	Moderate(7)	Minimal (4)	Not Present (0)		
The scoring of each		opama (10)	Condition is less than	(.)			
indicator is based on wh	at	Condition is optimal and fully	optimal, but sufficient to	Minimal level of suppo	ort of Condition is insufficier	ent to	
would be suitable for th		supports wetland/surface	maintain most	wetland/surface wat			
type of wetland or surface		water functions	wetland/surface water	functions	water functions	ace	
water assessed	ce	water full clions		TUTICUOTIS	water full clions		
water assessed			functions				
		1					
Adjacent to I-1 Range 5 -6; Av =		The wetl	and has planted pines, center a	area is ponded swamp, l	looks isolated		
5.16	0	1					
0.10	Ů						
.500(6)(b)Water Environment (n/a for uplands) The hydrology of this wetland is impacted but is a functioning depressional wetland Range 5 -6 Av = 5.33 current with 5.3					essional wetland		
.500(6)(c)Community	structure						
.500(0)(0)0011111111111111111111111111111	Siluciule						
1. Vegetation and 2. Benthic Common Range 5 -7; Av = current 5.5	unity		are are planted pines but the in (outside the project area). The by altered drainage	edge of the wetland is in			
0 ()		W					
Score = sum of above sco		If preservation as mitigate	ation,	For impact a	assessment areas		
uplands, divide by	∠0)	Proconvotion adjustes as	ot factor –				
current		Preservation adjustmen	it iact0i =	EL = dolto y porco	s = 0.53 x .023 = 0.012		
or w/o pres	with	Adjusted mitigation date	2 -	ru – della x acres	, - 0.00 x .020 = 0.012		
0.53	0	Adjusted mitigation delt	a =				
0.55	V						
		If mitigation		For mitigation	assessment areas		
Delta = [with-curr	entl	Time lag (t-factor) =		i oi miigation	assessificiti dieds		
Delia = [with-cull	Only	Time lay (t-lactor) =					
-0.53		Risk factor =		RFG = delta/(t-fac	:tor x risk) =		

County	Type	MP_ NEW_ID	FLUCCS Perm_Temp	UMAM CAI	LC_acre
Madison	Wetland	66.6 W-EE-113	613 Perm Fill	0.47	0.002
Madison	Wetland	69.4 W-EE-119A	613 Perm Fill	0.53	0.001
Madison	Wetland	73.5 W-EE-123	613 Perm Fill	0.63	0.017
Madison	Wetland	76.9 W-EE-125	613 Perm Fill	0.53	0.002
					0.023

Site/Project Name Gulf Power Company North Florida Resiliency Connec	etion	Application Number	Gun see	Assessment Area Name or Number Gum Swamps (FLUCFCS 613) - see attached list for Wetland ID's	
Impact or Mitigation Impact - Permanent Con		Assessment conducted by:		ment date:	
			1		
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (4) Not Preser	nt (0)
The scoring of each		Condition is less than			
indicator is based on what	Condition is optimal and fully	optimal, but sufficient to	Minimal level of su	pport of Condition is insu	ufficient to
would be suitable for the	supports wetland/surface	maintain most	wetland/surface		d/surface
type of wetland or surface	water functions	wetland/surface water	functions	water func	tions
water assessed		functions			
	•				
Adjacent to I-10 Range 5 -6; Av = 5.16 Av = 5.16 Av = 4.8		and has planted pines, center	area is ponded swan	np, looks isolated	
7.1. S.1.5	1				
.500(6)(b)Water Environment (n/a for uplands) The hydrology of this wetland is impacted but is a functioning depressional wetland Range 5 -6; Av = 5.3 w/o pres or current with Av = 5.3 Av = 5.33					
.500(6)(c)Community structure					
1. Vegetation and/or 2. Benthic Community Range 5 -7; Av = 5.5 current with Av =5.5		are are planted pines but the in (outside the project area). The by altered draina	edge of the wetland		
	<u> </u>				_
Score = sum of above scores/30 (if	If preservation as mitiga	ation.	For impa	act assessment areas	1
uplands, divide by 20)	p. see. valion as milige		1 51 11110		4
	Preservation adjustmer	nt factor =			
current			FL = delta x a	cres= 0.10 x 20.654 = 2.06	5
or w/o pres with	Adjusted mitigation delt	a =			
Av = 0.53 $Av = 0.43$					_
	<u> </u>				
	If mitigation		For militar	ation accomment areas	
Delta = [with-current]	Time lag (t-factor) =		For mitiga	ation assessment areas	
-0.10	Risk factor =		RFG = delta/(t-factor x risk) =	

County	Type	MP_{-}	NEW_ID]	FLUCCS Perm_Temp	UM	IAM	CALC_acre
Madison	Wetland	66.6	W-EE-113		613 Perm Conversion		0.47	1.426
Madison	Wetland	69.4	W-EE-119A		613 Perm Conversion		0.53	0.460
Madison	Wetland	69.4	W-EE-119B		613 Perm Conversion		0.53	0.019
Madison	Wetland	73.5	W-EE-123		613 Perm Conversion		0.63	14.923
Madison	Wetland	76.9	W-EE-125		613 Perm Conversion		0.53	3.114
Jefferson	Wetland	88	W-EE-161		613 Perm Conversion		0.50	0.713

Site/Project Name Gulf Power Company North Florida Resiliency Connection		Application Number	Pr			or Number LUCFCS 614) - ⁻ -N-229_3, W-EE-167
FLUCCs code	Further classifica	tion (optional)		Impac	ct or Mitigation Site?	Assessment Area Size
614		Titi Swamps				
Basin/Watershed Name/Number Affect HUC 10 Alligator Creek-Aucilla River	ed Waterbody (Clas	es)	Special Classificati	on (i.e.	OFW, AP, other local/state/federa	designation of importance)
Geographic relationship to and hydrologi	c connection with	wetlands, other s	urface water, upla	nds		
		Adjacent to	o I-10			
Assessment area description						
		Small, isolated	titi swamp.			
Significant nearby features			Uniqueness (co landscape.)	nsider	ring the relative rarity in	relation to the regional
I-10					Not unique	
Functions			Mitigation for pre	vious	permit/other historic use	e
Water quality, water stor	age, wildlife habita	at	NA			
Anticipated Wildlife Utilization Based on that are representative of the assessment be found)				T, SS	by Listed Species (List s C), type of use, and into	
Provides habitat and refuge for small ma amphibians.	mmals, resident s	ongbirds, and	NA			
Observed Evidence of Wildlife Utilization	(List species dire	ctly observed, or	l other signs such a	s trac	ks, droppings, casings,	nests, etc.):
		None	ı			
Additional relevant factors:						
Assessment conducted by:			Accommont data	\(e\).		
A Wickman and N Calhoun			Assessment date 2/5/2019	,(S).		

County	Type	MP_{-}	NEW_ID	FLUCCS Perm_Temp	UMAM CAL	C_acre
Jefferson	Wetland	108.6	W-ECT-N-229_3	614 Perm Conversion	0.67	0.849
Jefferson	Wetland	90	W-EE-167	614 Perm Conversion	0.57	0.186
Jefferson	Wetland	108.6	W-ECT-N-229_3	614 Perm Fill	0.67	0.002
						1.037

Site/Project Name		Application Number		Assessment Area	a Name or Number	<u> </u>
-	esiliency Connection	7 Application Humbon		Titi Swamps (FLUCFCS 614) -		
Impact or Mitigation	<u> </u>	Assessment conducted by:		Wetland Assessment date	ID's W-ECT-N-2 e:	29_3
Impact - Permanent Fi	II	A. Wickman and N. Calhoun			2/5/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Mi	nimal (4)	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	cient to Minimal level of support of st wetland/surface water functions			fficient to l/surface ions
.500(6)(a) Location and Landscape Support w/o pres or current with 6		located adjacent to Interstate I-	-10, a conife	rous plantation, ar	nd a farm road.	
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 7	The wetland is a small isolat	ted titi swamp. The hydrology h and a farm roa		•	struction of I-10 to t	he south
.500(6)(c)Community structure. 1. Vegetation and/or 2. Benthic Community w/o pres or current witt	No canopy, titi wetl	and with some standing water	and high lea	f litter. No benthic	species observed.	
Score = sum of above scores/30 uplands, divide by 20)	(if If preservation as mitigation	ation,		For impact asses	sment areas	
current or w/o pres with	Preservation adjustment Adjusted mitigation delta		FL = 0	delta x acres = 0.14	4 x 0.002 = 0.000	
0.67 0.5						l
	If mitigation			or mitigation	noomont are -	İ
Delta = [with-current]	Time lag (t-factor) =			or mitigation asse	essment areas	
-0.14	Dialy for the		RFG	= delta/(t-factor x	risk) =	l

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

Risk factor =

-0.14

Site/Project Name		Application Number	Assessment Area	a Name or Number
North Florida Resilie	ency Connection		Titi Swam	ps (FLUCFCS 614) -
				-ECT-N-229_3, W-EE-167
Impact or Mitigation		Assessment conducted by:	Assessment date) :
Impact - Permanent Con	version to Herbaceous			
Seering Cuidenes	Ontimal (40)	Madagata (7)	Minimal (4)	Not Present (0)
Scoring Guidance The scoring of each	Optimal (10)	Moderate(7) Condition is less than	Willilliai (4)	Not Present (0)
indicator is based on what	Condition is optimal and fully	optimal, but sufficient to	Minimal level 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 functions	wetland/surface	functions	water functions
water assessed		waterfunctions		
.500(6)(a) Location and Landscape Support w/o pres or	The wetland is I	ocated adjacent to Interstate I-	·10, a coniferous plantation, ar	nd a farm road.
current with				
6 6	1			
.500(6)(b)Water Environment (n/a for uplands) The wetland is a small isolated titi swamp. The hydrology has been impacted by the construction of I-10 to the same and a farm road to the north. Wo pres or current with 6 6				
1. Vegetation and/or 2. Benthic Community Range 6- 7, Average = 6.5 w/o pres or current 6.5	No canopy, titi wetk	and with some standing water a	and high leaf litter. No benthic	species observed.
Score = sum of above scores/30 (if	If preservation as mitiga	ation,	For impact asses	sment areas
uplands, divide by 20)		•	· ·	
current	Preservation adjustmer	11 Iactor =	FL = delta x acres = 0.2	3 s 1 035 = 0 238
or w/o pres with	Adjusted mitigation delt	a =	1 L = usita x autos = 0.2	.0 0 1.000 = 0.200
Av = 0.74 $Av = 0.50$				
	If mitigation			
	1		For mitigation asse	ssment areas
Delta = [with-current]	Time lag (t-factor) =			
- 0.23	Risk factor =		RFG = delta/(t-factor x	risk) =

Site/Project Name		P	Application Number	r		Assessment Area Name	or Number
Gulf Power Company North Florida Resiliency Conn	ection						nd Lake Swamps (Bottomland)
	ECHOIL					See Attached List for Wetla	and ID'S
FLUCCs code		Further classification	on (optional)		Impac	t or Mitigation Site?	Assessment Area Size
615		Stream and	Lake Swamps (I	Bottomland)		Impact	
Basin/Watershed Name/Number	Affect	ed Waterbody (Class	3)	Special Classificati	on (i.e.C	DFW, AP, other local/state/feder	al designation of importance)
Wacissa River / 95990000							
Geographic relationship to and hyd	drologi	c connection with v	wetlands, other s	surface water, upla	ands		
This wetland is a large stream frin almost three miles before heading		. The stream and its		tland meander in			
Assessment area description			,				
This Bottomland wetland is ass hardwood floodplain.						nd the wetland is gener stream crosses the FG	-
Significant nearby features				Uniqueness (co landscape.)	nsider	ing the relative rarity ir	relation to the regional
Caney Bra	anch, S	Story Lake				nd follow a well defined niles across the assess	d natural stream system sment area.
Functions				Mitigation for pre	vious	permit/other historic us	e
BIOLOGICAL: Vertical heterogeneity (3-4 strata); wadin medium-large mammal habitat (cover, food,							
PHYSICAL/CHEMICAL: Water quality treatment; sec		sion control; recharge/discharg	-	N/A			
Anticipated Wildlife Utilization Based on Litrepresentative of the assessment area and				•	-	ed Species (List species, the sity of use of the assessmen	•
MAMMALS: short-tailed & southeastern shrews, opossum, raccoon, gray & flying squ black bear; BIRDS: wood duck, ruby-throated hummingbird, cedar waxwing, greathy ellow-billed cuckoo, yellow-throated, Swainson's, hooded, and prothonating warbier crowned night heron, screech owl, parula, rufous-sided towhee, woodcock, Carolina bird-voiced & gray treelrogs, southern toad, amphiuma, mathled, mole, dusky, water rat, mud, eastern king, red bellied water, rainbow, crayfish, black swamp, &	orned & barred s, pileated & ha wren, white-eye erdog, two-lined	owls, red-tailed & red-shouldered hawks, cardi iry woodpeckers, swallow-tailed & Mississippi k ad & red-eyed vireos; HERPETOFAUNA: cricke , three-lined, dwarf, rusty mud, and slimy salan	linal, very, hermit thrush, chimney swift, kites, Acadian flycatcher, turkey, yellow- tet frog, bullfrog, river frog, leopard frog, manders, moccasin, ring-necked, gray	incidental), little blue heron (SSC, foraging, roosting, nesting, seasonal), snowy egret			
Observed Evidence of Wildlife Util	izatior	(List species direc	ctly observed, or	other signs such	as trac	cks, droppings, casing	s, nests, etc.):
Small and Large Fish, Several turt	•	es of snakes includ nails, evidence of c	•	·			ng birds, Evidence of
Additional relevant factors:							
Caney Branch continues south to	where	it joins Wacissa Ri	iver.				
Assessment conducted by:				Assessment date	e(s):		
T.Callahan, R. Mcloughlin ECT Ind	٥.			5/21/2019			

County	Type	MP_{-}	NEW_ID	FLUCCS Perm_Temp	UMAM	CALC_acre
Jefferson	Wetland	0	W-ECT-N-216C_2	615 Perm Conversion	0.8	0.311
Jefferson	Wetland	105.9	W-ECT-N-216C_3	615 Perm Conversion	0.8	0.459
Jefferson	Wetland	106.6	W-ECT-N-216F	615 Perm Conversion	0.8	0.890
Madison	Wetland	68.7	W-EE-117	615 Perm Conversion	0.5	0.457
Jefferson	Wetland	105.9	W-ECT-N-216C_3	615 Perm Fill	0.8	0.001
Jefferson	Wetland	106.6	W-ECT-N-216F	615 Perm Fill	0.8	0.001

Site/Project Name Gulf Power Company		Application Number		rea Name or Number tream and Lake Swamps (Bottomlar
North Florida Resiliency Co	onnection		Wetland ID's W-E	CT-N-216C_3, W-ECT-N-216_F
Impact or Mitigation		Assessment conducted by:	Assessment da	te:
Impact - Permanent Fill (Po	les)	ECT		
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (4)	Not Present (0)
The scoring of each	Condition is optimal and	Condition is less than	iwiiiiiai (4)	
indicator is based on what would be suitable for the	fully supports	optimal, but sufficient to	Minimal level of support of wetland/surface water	
type of wetland or surface	wetland/surface water	maintain most wetland/surface water	functions	provide wetland/surface water functions
water assessed	functions	functions		
	I			
.500(6)(a) Location and Landscape Support Range 4 -8; Average = 7 w/o pres or current with	to this bottomland forest. T times over a three mile stre is near optimal. The stream a large bridge. There is no marsh characteristics.	ney Branch Stream. The stream its associated the stream and its associated the before heading south to jour for the most part traverses redisruption of flow except wher the downstream benefits of the hiftcant protection of wetland for the stream of the stream benefits of the hiftcant protection of wetland for the stream benefits of the hiftcant protection of wetland for the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream in the stream is the stream is the stream is the stream is the stream is the stream in the stream is the str	wetland meander in and ou in Wacissa River. Support to mote areas crossing under in the stream nears the FGT is wetland are near optimal	t of the survey area several o wildlife by outside habitats one road (Gamble Road) via corridor and develops more as the stream channel is
.500(6)(b)Water Environment (n/a for uplands) Range 5 -8; Average = 7.25 w/o pres or current with 7.25	patterns are somewhat alte Water levels are appropria this appears to be an old gi	ors present (saturation, staine red due to the Gamble road co te and consistent within the st rowth forested system. This w nts. There are no nearby deve potentially contribute to w	rossing and stream mainten tream bed. There are no sig retland/stream are highly util loped features (other than G	ance near the FGT corridor. ns of hydrological stress as ized by animal species with
.500(6)(c)Community structure Range 5 -8; Average = 7.5 1. Vegetation and/or 2. Benthic Community w/o pres or current with 7.5 0	appropriate. There is however an old growth forested syst	m is primarily hardwood (Nyster a minimal exotic presence tem. Plant condition is healthy or maintenance and bridging o structural habitat, but pror	(Lygodium). Age and size d with normal diversity. Topo f Gamble Road. Conversion	istribution appear normal for graphic features have been
	-			
Score = sum of above scores/30 (if	If preservation as mitig	ation,	For impact asse	ssment areas
uplands, divide by 20) current	Preservation adjustme	nt factor =	FL = delta x acres	=
or w/o pres with	Adjusted mitigation del	lta = 0		x .0023 = 0.002
0.682 0				
	If mitigation			
Delta = [with-current]	Time lag (t-factor) =		For mitigation ass	essment areas
· · · · · ·			RFG = delta/(t-factor	x risk) #DIV/0!
-0.682	Risk factor =		_	51 77 0.

Site/Project Name Gulf Power Company North Florida Position au Companting	Application Number	FLUCFCS 615 - Stream Wetland ID's W-ECT-N	ea Name or Number m and Lake Swamps (Bottomland); N-216C_2, W-ECT-N-216C_3, W-ECT-		
North Florida Resiliency Connection Impact or Mitigation	Assessment conducted by:		N-216 F, W-EE-117 Assessment date:		
Impact - Permanent Conversion to Herbaceous	E&E, ECT Inc.				
Scoring Guidance Optimal (10)	Moderate(7)	Minimal (4)	Not Present (0)		

Scoring Guidance)	Optimal (10)	Moderate(7)	Minimal (4)	Not Present (0)	
The scoring of each indicator is based on would be suitable for type of wetland or suitable water assessed	what the	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 less than optimal, but sufficient to maintain most wetland/surface water functions Condition is less than optimal level of support of wetland/surface water functions				
.500(6)(a) Locat Landscape Su Range 4 -8; Average = 7 w/o pres or current 7	pport	to this bottomland forest. T times over a three mile stret is near optimal. The stream a large bridge. There is no omarsh characteristics. T	ey Branch Stream. The stream he stream and its associated such before heading south to jour for the most part traverses redisruption of flow except where he downstream benefits of the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of wetland for the downstream of the do	wetland meander in and out in Wacissa River. Support to mote areas crossing under on the stream nears the FGT could wetland are near optimal a	of the survey area several wildlife by outside habitats ne road (Gamble Road) via orridor and develops more s the stream channel is	
(n/a for uplands) patterns are som Water levels are this appears to be			ors present (saturation, staine red due to the Gamble road c te and consistent within the st owth forested system. This w its. There are no nearby deve potentially contribute to w	rossing and stream maintena tream bed. There are no signa retland/stream are highly utiliz loped features (other than Ga	nce near the FGT corridor. s of hydrological stress as red by animal species with	
.500(6)(c)Communi 1. Vegetation at 2. Benthic Communi Range 6 -8; Average w/o pres or current 7.5	and/or munity	appropriate. There is however an old growth forested systems	m is primarily hardwood (Nyseer a minimal exotic presence em. Plant condition is healthy r maintenance and bridging o structural habitat, but pror	(Lygodium). Age and size dis with normal diversity. Topog f Gamble Road. Conversion t	tribution appear normal for raphic features have been	

Score = sum of above scores/30 (if uplands, divide by 20)

current or w/o pres with 0.682 0.575

If preservation as mitigation,

Preservation adjustment factor =

Adjusted mitigation delta = 0

For impact assessment areas

FL = delta x acres = 0.107 x 2.116= 0.226

Delta = [with-current]
-0.107

If mitigation

Time lag (t-factor) =

Risk factor =

For mitigation assessment areas

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

Site/Project Name Gulf Power Company		Application Number			Assessment Area Name or Number	
North Florida Resiliency Connec	tion				FLUCFCS 616	W-EE-124
FLUCCs code	Further classifica	tion (optional)		Impac	et or Mitigation Site?	Assessment Area Size
616	Inlar	nd Ponds and Slo	ughs			
Basin/Watershed Name/Number A	ffected Waterbody (Clas	ss)	Special Classificati	on (i.e.0	OFW, AP, other local/state/federal	designation of importance)
HUC 10 Fearnside Lake	3					
Geographic relationship to and hydro	ologic connection with	wetlands, other su	urface water, uplar	nds		
	Adjacent to I-10; Th	e wetland has a d	am just outside th	e proj	ect area	
Assessment area description						
This pond holds water but has live	oaks in it, indicating th	nat it also dries ou	it. There are titi sh	rubs i	n the center. Not much	vegetation otherwise.
Significant nearby features	Uniqueness (considering the relative rarity in relation to the regional landscape.)					
I-10; Dar	Very large wetland makes it unique					
Functions			Mitigation for prev	vious	permit/other historic use)
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		Black bear, alligator, wading birds, wood stork habitat is present			
Observed Evidence of Wildlife Utiliza	ation (List species dire	ctly observed, or	ther signs such a	s trac	ks, droppings, casings,	nests, etc.):
Additional relevant factors:						
Assessment conducted by:			Assessment date	e(s):		
Elva Peppers			2/8/2019			

Site/Project Name		Application Number	Assessment Are	Assessment Area Name or Number	
North Florida Resili	ency Connection			W-EE-124	
Impact or Mitigation		Assessment conducted by:	Assessment date	e:	
Impact - Permanent Conv	vorsion to Harbacoous	Elva Peppers		2/8/2019	
impact - Permanent Conv	reision to herbaceous	2.10 1 oppose		2,0,20.0	
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (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 of wetland/surface water	Condition is insufficient to provide wetland/surface	
type of wetland or surface	water functions	wetland/surface	functions	water functions	
water assessed		waterfunctions			
.500(6)(a) Location and Landscape Support	The pond may be from a pi	revious excavation. There is a larger wetland		hat separates this from the	
current with	4				
4					
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with	The hydroperiod of th	his wetland is severely altered,	but still performs its functions	to a certain degree.	
.500(6)(c)Community structure 1. Vegetation and/or	The natural condition of the	his area may have been a gum	n/hav/manle swamn similar to	the major wetland that is	
2. Benthic Community		e not many plants or trees insi			
w/o pres or current with 5 3	-				
	-				
Score = sum of above scores/30 (ii	If preservation as mitiga	ation,	For impact asses	ssment areas	
uplands, divide by 20)	Preservation adjustmen	nt factor =			
current or w/o pres with	· · ·		FL = delta x acres = 0.	07 x 0.326 = 0.0228	
0.43 0.36	Adjusted mitigation delt	a =			
0.00					
	If mitigation		For militarian	nonment erece	
Delta = [with-current]	Time lag (t-factor) =		For mitigation asse	essment areas	
-0.07	Risk factor =		RFG = delta/(t-factor x	risk) =	
			-		

Site/Project Name Gulf Power Company North Florida Resiliency Connection			Assessment Area Name or Number FLUCFCS 617 - Mixed Wetland Hardwo See Attached List for Wetland ID's			d Wetland Hardwoods
FLUCCs code	Further classifica	tion (ontional)		Imnoo		
1 20003 0000	Turtier classifica	tion (optional)		impac	t or Mitigation Site?	Assessment Area Size
617	Mixe	d Wetland Hardw	roods		Impact	
Basin/Watershed Name/Number	Affected Waterbody (Clas	ss)	Special Classificati	on (i.e.C	DFW, AP, other local/state/federa	I designation of importance)
arious	Class 3	3				
Geographic relationship to and hyd	rologic connection with	wetlands, other su	urface water, uplar	nds		
Begi	ns at I-10 and expands	north towards a b	igger wetland outs	side of	the right of way.	
Assessment area description						
	Concave bowl hol	ding surface wate	er. Shallow, non-flo	owing	water.	
Significant nearby features	Uniqueness (considering the relative rarity in relation to the regional landscape.)					
I-10 to the south and larger wetland to the north owned and managed by SRWMD.					Not unique	
Functions			Mitigation for pre	vious p	permit/other historic use)
Water quality, water s	storage, and wildlife hab	itat	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)			
Mammals, amphibians,and	reptiles. Less than idea	al habitat.	N/A			
Observed Evidence of Wildlife Utiliz	zation (List species dire	ctly observed, or o	I other signs such a	s track	ks, droppings, casings,	nests, etc.):
	Dee	er tracks and vario	ous animal signs			
Additional relevant factors:						
Adjacent to silvicultural practices or	n west side of wetland.					
Assessment conducted by:			Assessment date	e(s):		
Golder, ECT, and E E						

County	Туре	MP_ I	NEW_ID	FLUCCS Perm_Temp	UMAM	CALC_acre
Columbia	Wetland	18.8 V	W-ECT-045A	617 Perm Conversion	0.6	0.662
Columbia	Wetland	18.9 V	W-ECT-045B	617 Perm Conversion	0.6	0.057
Columbia	Wetland	19.6 V	W-ECT-046	617 Perm Conversion	0.5	0.067
Suwannee	Wetland	29.2 V	W-ECT-067A	617 Perm Conversion	0.67	0.066
Suwannee	Wetland	29.3 V	W-ECT-067B	617 Perm Conversion	0.67	1.671
Suwannee	Wetland		W-ECT-068	617 Perm Conversion	0.5	1.418
Suwannee	Wetland	30.5 V	W-ECT-069	617 Perm Conversion	0.47	0.763
Suwannee	Wetland	31.8 V	W-ECT-071	617 Perm Conversion	0.6	3.471
Suwannee	Wetland	32.6 V	W-ECT-073 1	617 Perm Conversion	0.53	0.070
Suwannee	Wetland	33.1 V	W-ECT-074A	617 Perm Conversion	0.7	0.205
Suwannee	Wetland		W-ECT-074B	617 Perm Conversion	0.7	0.186
Jefferson	Wetland		W-ECT-N-222_3	617 Perm Conversion	0.57	0.215
Jefferson	Wetland		W-ECT-N-224_1	617 Perm Conversion	0.6	0.452
Jefferson	Wetland		W-ECT-N-225 3	617 Perm Conversion	0.6	0.449
Jefferson	Wetland		W-ECT-N-227_1	617 Perm Conversion	0.6	0.109
Jefferson	Wetland		W-ECT-N-231	617 Perm Conversion	0.53	0.432
Jefferson	Wetland		W-ECT-N-233	617 Perm Conversion	0.6	0.122
Jefferson	Wetland		W-ECT-N-235_3	617 Perm Conversion	0.67	0.434
Jefferson	Wetland		W-ECT-N-236_2	617 Perm Conversion	0.57	0.279
Jefferson	Wetland		W-ECT-N-237_2	617 Perm Conversion	0.73	1.169
Leon	Wetland		W-ECT-N-238_2	617 Perm Conversion	0.73	1.828
Leon	Wetland		W-ECT-N-255	617 Perm Conversion	0.67	0.508
Madison	Wetland		W-EE-121	617 Perm Conversion	0.67	2.204
Madison	Wetland		W-EE-122A	617 Perm Conversion	0.73	0.022
Madison	Wetland		W-EE-122B	617 Perm Conversion	0.73	0.380
Madison	Wetland		W-EE-122C	617 Perm Conversion	0.73	2.178
Madison	Wetland		W-EE-128A	617 Perm Conversion	0.4	7.714
Madison	Wetland		W-EE-130	617 Perm Conversion	0.53	0.918
Madison	Wetland		W-EE-131	617 Perm Conversion	0.53	4.656
Madison	Wetland		W-EE-133	617 Perm Conversion	0.53	3.135
Madison	Wetland		W-EE-134C	617 Perm Conversion	0.57	0.069
Jefferson	Wetland		W-EE-149	617 Perm Conversion	0.33	0.238
Jefferson	Wetland		W-EE-153	617 Perm Conversion	0.67	0.413
Jefferson	Wetland		W-EE-154	617 Perm Conversion	0.63	0.306
Jefferson	Wetland		W-EE-162	617 Perm Conversion	0.67	0.599
Jefferson	Wetland		W-EE-163	617 Perm Conversion	0.63	0.003
Jefferson	Wetland		W-EE-166	617 Perm Conversion	0.73	0.889
Jefferson	Wetland		W-EE-169	617 Perm Conversion	0.63	1.208
Jefferson	Wetland		W-EE-170	617 Perm Conversion	0.63	0.374
Jefferson	Wetland		W-EE-171	617 Perm Conversion	0.63	0.223
Jefferson	Wetland		W-EE-179	617 Perm Conversion	0.57	0.573
Jefferson	Wetland		W-EE-191A	617 Perm Conversion	0.67	0.038
Jefferson	Wetland		W-EE-191B	617 Perm Conversion	0.67	0.000
Jefferson	Wetland		W-EE-191C	617 Perm Conversion	0.67	0.007
Jefferson	Wetland		W-EE-198	617 Perm Conversion	0.47	1.404
Jefferson	Wetland		W-EE-203	617 Perm Conversion	0.7	0.456
Jefferson	Wetland		W-EE-AA-017	617 Temp Construction	0.67	0.186
Jefferson	Wetland		W-EE-AA-020A	617 Temp Construction	0.67	0.155
3011013011	vi Ctiana	0	,, LL / M 1-020/1	or, remp construction	0.07	0.133

Jefferson	Wetland	0 W-EE-AA-020B	617 Temp Construction	0.67	0.043
Jefferson	Wetland	88.1 W-EE-162	617 Temp Construction	0.67	0.019
Jefferson	Wetland	90.2 W-EE-AA-027	617 Temp Construction	0.63	0.107
Columbia	Wetland	18.8 W-ECT-045A	617 Perm Fill	0.6	0.001
Jefferson	Wetland	88.1 W-EE-162	617 Perm Fill	0.67	0.001
Jefferson	Wetland	89.9 W-EE-166	617 Perm Fill	0.73	0.001
Jefferson	Wetland	91.7 W-EE-179	617 Perm Fill	0.57	0.001
Jefferson	Wetland	94.8 W-EE-198	617 Perm Fill	0.47	0.001
Jefferson	Wetland	97.8 W-EE-203	617 Perm Fill	0.7	0.001
Madison	Wetland	71.8 W-EE-122C	617 Temp Construction	0.73	0.073
Madison	Wetland	71.9 W-EE-122B	617 Temp Construction	0.73	0.041
Jefferson	Wetland	107.8 W-ECT-N-224_1	617 Perm Fill	0.6	0.001
Jefferson	Wetland	108 W-ECT-N-225_3	617 Perm Fill	0.6	0.001
Jefferson	Wetland	110.3 W-ECT-N-237_2	617 Perm Fill	0.73	0.002
Leon	Wetland	111 W-ECT-N-238_2	617 Perm Fill	0.73	0.003
Madison	Wetland	78.3 W-EE-128A	617 Temp Construction	0.4	0.471
Leon	Wetland	115.3 W-ECT-N-255	617 Perm Fill	0.67	0.001
Madison	Wetland	81 W-EE-133	617 Temp Construction	0.53	0.126
Madison	Wetland	70.9 W-EE-121	617 Perm Fill	0.67	0.002
Madison	Wetland	71.8 W-EE-122C	617 Perm Fill	0.73	0.002
Madison	Wetland	71.9 W-EE-122B	617 Perm Fill	0.73	0.001
Madison	Wetland	78.3 W-EE-128A	617 Perm Fill	0.4	0.010
Madison	Wetland	79.7 W-EE-130	617 Perm Fill	0.53	0.001
Madison	Wetland	79.9 W-EE-131	617 Perm Fill	0.53	0.006
Madison	Wetland	81 W-EE-133	617 Perm Fill	0.53	0.003
Suwannee	Wetland	29.3 W-ECT-067B	617 Perm Fill	0.67	0.003
Suwannee	Wetland	29.7 W-ECT-068	617 Perm Fill	0.5	0.002
Suwannee	Wetland	30.5 W-ECT-069	617 Perm Fill	0.47	0.002
Suwannee	Wetland	31.8 W-ECT-071	617 Perm Fill	0.6	0.006

Site/Project Name			Application Number Assessment Area Name or Number			r]	
Gulf Power Comp North Florida Res		nection	FLUCFCS 617 - Mixed Wetl. See Attached List for Wetlar			ardwoods	
Impact or Mitigation			Assessment conducted by:		Assessment date		
	Temporary	Construction (Clearing)	Golder, ECT and E&E				
Scoring Guidance		Optimal (10)	Moderate(7)	Mini	imal (4)	Not Presen	t (0)
The scoring of each indicator is based or what would be suitab for the type of wetland surface water assess	n le I or	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface waterfunctions	Minimal level of support of wetland/surface water provide		Condition is insu provide wetland water funct	/surface
.500(6)(a) Locatic Landscape Sup Range 3-8; Avera w/o pres or current av= 5.8	port	agricultural, silvicultural, an by outside habitat = 8; b) i roads, farmfields, and fen impacts to wildlife listed	support variable is reduced slig d industrial activities. Individu nvasive exotic species = 8; c) ces); d) functions that benefit in Part I by outside land uses area = 8; g) dependency on de	lal parameter so wildlife acces fish and wildlif = 6; f) Hydrolo	scores: a) suppo s to and from ou fe downstream-d ogically connecte	ort to wildlife listed utside = 7 (reduced listance or barriers ed areas downstre	in Part 1 d due to s = 8; e)
the Escambia River. Individu moisture = 8; d) soil erosion of 7 (some reduction due to lim animal species with specific			ality are appropriate for this ty ual parameter scores: a) wate or deposition = 8; e) evidence mited recrutiment of canopy s fic hydrologic requirements = 8; j) direct observation of wate depth, wave energy, currents	r levels and floe of fire history pecies); g) hyd 8; i) vegetativer quality = 8;	ows = 9; b) water y = N/A; f) vegeta drologic stress of e species toleran k) existing water	r level indicators = ation community z n vegetation = 8; l nt of and associat	e 8; c) soil conation = n) use by ed with
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community Range 3 -8; Average 6.18 w/o pres or current with av=6.18 Average 6.18				dual paramater so ics or other invasi d size distribution n = 8; g) land man	cores: a) ve plant = 7; e) agement		
					•	-	
Score = sum of above so uplands, divide by		If preservation as mitig	gation,	F	or impact assess	sment areas	
current	, ==,	Preservation adjustme	ent factor =	FL = 0	delta x acres x tir	me lag =	
or w/o pres av=.601	with av=.495	Adjusted mitigation de	gation delta = = 0.106 x 1.22 x 1.46 = 0.188		.46 = 0.188		
		I		_			_
.		If mitigation		Foi	r mitigation asse	ssment areas	
Delta = [with-cur	rent]	Time lag (t-factor) =			1.11.70.5		
av= -0.106 Risk		Risk factor =		RFG =	delta/(t-factor x	risk) =	

County	Type	MP_ NEW_ID	FLUCCS Perm_Temp	UMAM CA	LC_acre
Jefferson	Wetland	0 W-EE-AA-017	617 Temp Construction	0.67	0.186
Jefferson	Wetland	0 W-EE-AA-020A	617 Temp Construction	0.67	0.155
Jefferson	Wetland	0 W-EE-AA-020B	617 Temp Construction	0.67	0.043
Jefferson	Wetland	88.1 W-EE-162	617 Temp Construction	0.67	0.019
Jefferson	Wetland	90.2 W-EE-AA-027	617 Temp Construction	0.63	0.107
Madison	Wetland	71.8 W-EE-122C	617 Temp Construction	0.73	0.073
Madison	Wetland	71.9 W-EE-122B	617 Temp Construction	0.73	0.041
Madison	Wetland	78.3 W-EE-128A	617 Temp Construction	0.4	0.471
Madison	Wetland	81 W-EE-133	617 Temp Construction	0.53	0.126

Site/Project Name Gulf Power Company North Florida Resiliency Cor	nnection	Application Number Assessment Area Name or Numbe FLUCFCS 617 - Mixed Wetland Hardw See Attached List for Wetland ID's				
Impact or Mitigation	IIIection	Assessment conducted by:		Assessment date		
Impact - PPermanent Fill (pole	es)	·				
Scoring Guidance	Optimal (10)	Moderate(7)	Min	imal (4)	Not Presen	t (0)
The scoring of each	Optimal (10)	Condition is less than	I IVIIII	iiiiai (4)	Not Flesen	. (0)
indicator is based on what	Condition is optimal and fully	optimal, but sufficient to		el of support of	Condition is insu	fficient to
would be suitable for the	supports wetland/surface	maintain most		surface water	provide wetland	
type of wetland or surface water assessed	water functions	wetland/surface water functions	tur	nctions	water functi	ons
Water accessed	<u> </u>	Turiotionio	I		I.	
.500(6)(a) Location and Landscape Support Range 3-7; Average 5.86		t is holding some non-flowing s road bisects this area, cutting i owned and manage	it off from the	wetlands and up		
w/o pres or						
current with						
av = 5.86						
.500(6)(b)Water Environment (n/a for uplands) Range 3-8; Average 5.86 w/o pres or current with av = 5.86 0	There	is a small potential for habitat f	for various an	nphibians and ins	sects.	
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community Range 3-8; Average 6.31 w/o pres or current with av =6.3 0		Water is non-flowing and the v	egetation is r	not very diverse.		
	,					
Score = sum of above scores/30 (if	If preservation as mitiga	ation,	F	or impact assess	sment areas	
uplands, divide by 20)	Preservation adjustmer	nt factor =				
current	1 10301 Valion aujustinei	1. 140101 =	FL = 0	delta x acres = 0	.60 x 0.057 =	
or w/o pres with	Adjusted mitigation delt	a =			-	
av = 0.60						I
· · · · · · · · · · · · · · · · · · ·	If mitigation					ı
	If mitigation		Fo	or mitigation asse	ssment areas	
Delta = [with-current]	Time lag (t-factor) =					
- 0.60	Risk factor =		RFG =	delta/(t-factor x r	risk) =	

County	Type	MP_{-}	NEW_ID	FLUCCS Perm_Temp	UMAM	CALC_acre
Columbia	Wetland	18.8	W-ECT-045A	617 Perm Fill	0.6	0.001
Jefferson	Wetland	88.1	W-EE-162	617 Perm Fill	0.67	0.001
Jefferson	Wetland	89.9	W-EE-166	617 Perm Fill	0.73	0.001
Jefferson	Wetland	91.7	W-EE-179	617 Perm Fill	0.57	0.001
Jefferson	Wetland	94.8	W-EE-198	617 Perm Fill	0.47	0.001
Jefferson	Wetland	97.8	W-EE-203	617 Perm Fill	0.7	0.001
Jefferson	Wetland	107.8	W-ECT-N-224_1	617 Perm Fill	0.6	0.001
Jefferson	Wetland	108	W-ECT-N-225_3	617 Perm Fill	0.6	0.001
Jefferson	Wetland	110.3	W-ECT-N-237_2	617 Perm Fill	0.73	0.002
Leon	Wetland	111	W-ECT-N-238_2	617 Perm Fill	0.73	0.003
Leon	Wetland	115.3	W-ECT-N-255	617 Perm Fill	0.67	0.001
Madison	Wetland	70.9	W-EE-121	617 Perm Fill	0.67	0.002
Madison	Wetland	71.8	W-EE-122C	617 Perm Fill	0.73	0.002
Madison	Wetland	71.9	W-EE-122B	617 Perm Fill	0.73	0.001
Madison	Wetland	78.3	W-EE-128A	617 Perm Fill	0.4	0.010
Madison	Wetland	79.7	W-EE-130	617 Perm Fill	0.53	0.001
Madison	Wetland	79.9	W-EE-131	617 Perm Fill	0.53	0.006
Madison	Wetland	81	W-EE-133	617 Perm Fill	0.53	0.003
Suwannee	Wetland	29.3	W-ECT-067B	617 Perm Fill	0.67	0.003
Suwannee	Wetland	29.7	W-ECT-068	617 Perm Fill	0.5	0.002
Suwannee	Wetland	30.5	W-ECT-069	617 Perm Fill	0.47	0.002
Suwannee	Wetland	31.8	W-ECT-071	617 Perm Fill	0.6	0.006

Site/Project Name Gulf Power Company North Florida Resilien		ection	FLUCFCSS 617			a Name or Number	
Impact or Mitigation	icy Conn	ection	Assessment conducted by:		See Attached List Assessment date		
Impact - Permanent Co	onvertion	to Herbaceous	,				
Scoring Guidance	1	Optimal (10)	Moderate(7)	Mi	nimal (4)	Not Present	t (0)
The scoring of each	_	Optimal (10)	Condition is less than	IVIII	illilai (4)	Not Flesen	. (0)
indicator is based on what	t	Condition is optimal and fully	optimal, but sufficient to	Minimal le	vel of support of	Condition is insu	fficient to
would be suitable for the		supports wetland/surface	maintain most		/surface water	provide wetland	
type of wetland or surface water assessed		water functions	wetland/surface water functions	Ť.	unctions	water functi	ons
water assessed	J		Turicuoris				
.500(6)(a) Location and Landscape Support Range 3-7; Average 5.86			t is holding some non-flowing s road bisects this area, cutting i owned and manage	it off from the	e wetlands and up		
current	with						
av = 5.86	5.57						
.500(6)(b)Water Enviror (n/a for uplands) Range 3-8; Average w/o pres or current av = 5.86		There	is a small potential for habitat l	for various a	mphibians and ins	sects.	
1. Vegetation and/o 2. Benthic Communi Range 3-8; Averag w/o pres or current av = 6.31	or ity		Water is non-flowing and the v	regetation is	not very diverse.		
		· -					•
Score = sum of above score		If preservation as mitiga	ation,		For impact assess	sment areas	
uplands, divide by 20	0)	Preservation adjustmen	nt factor =				
current pr w/o pres	with	Authoritant for an extra	_	FL = 0	delta x acres = 0.1	17 x 42.64 = 4.98	
av = 0.60	0.483	Adjusted mitigation delt	a =				l
		If mitigation			or mitigation acco	coment areas	
Delta = [with-curren	nt]	Time lag (t-factor) =		F	or mitigation asse	ssinent areas	
- 0.117	•	Risk factor =		RFG	= delta/(t-factor x i	risk) =	

County	Type	MP_{-}	NEW_ID	FLUCCS Perm_Temp	UMAM C	ALC_acre
Columbia	Wetland	18.8	W-ECT-045A	617 Perm Conversion	0.6	0.662
Columbia	Wetland	18.9	W-ECT-045B	617 Perm Conversion	0.6	0.057
Columbia	Wetland	19.6	W-ECT-046	617 Perm Conversion	0.5	0.067
Suwannee	Wetland	29.2	W-ECT-067A	617 Perm Conversion	0.67	0.066
Suwannee	Wetland	29.3	W-ECT-067B	617 Perm Conversion	0.67	1.671
Suwannee	Wetland	29.7	W-ECT-068	617 Perm Conversion	0.5	1.418
Suwannee	Wetland	30.5	W-ECT-069	617 Perm Conversion	0.47	0.763
Suwannee	Wetland	31.8	W-ECT-071	617 Perm Conversion	0.6	3.471
Suwannee	Wetland	32.6	W-ECT-073_1	617 Perm Conversion	0.53	0.070
Suwannee	Wetland	33.1	W-ECT-074A	617 Perm Conversion	0.7	0.205
Suwannee	Wetland	33.1	W-ECT-074B	617 Perm Conversion	0.7	0.186
Jefferson	Wetland	107.6	W-ECT-N-222_3	617 Perm Conversion	0.57	0.215
Jefferson	Wetland	107.8	W-ECT-N-224_1	617 Perm Conversion	0.6	0.452
Jefferson	Wetland	108	W-ECT-N-225_3	617 Perm Conversion	0.6	0.449
Jefferson	Wetland	108.3	W-ECT-N-227_1	617 Perm Conversion	0.6	0.109
Jefferson	Wetland	109	W-ECT-N-231	617 Perm Conversion	0.53	0.432
Jefferson	Wetland	109.4	W-ECT-N-233	617 Perm Conversion	0.6	0.122
Jefferson	Wetland	109.8	W-ECT-N-235_3	617 Perm Conversion	0.67	0.434
Jefferson	Wetland	110.2	W-ECT-N-236_2	617 Perm Conversion	0.57	0.279
Jefferson	Wetland	110.3	W-ECT-N-237_2	617 Perm Conversion	0.73	1.169
Leon	Wetland	111	W-ECT-N-238_2	617 Perm Conversion	0.73	1.828
Leon	Wetland	115.3	W-ECT-N-255	617 Perm Conversion	0.67	0.508
Madison	Wetland	70.9	W-EE-121	617 Perm Conversion	0.67	2.204
Madison	Wetland		W-EE-122A	617 Perm Conversion	0.73	0.022
Madison	Wetland		W-EE-122B	617 Perm Conversion	0.73	0.380
Madison	Wetland	71.8	W-EE-122C	617 Perm Conversion	0.73	2.178
Madison	Wetland		W-EE-128A	617 Perm Conversion	0.4	7.714
Madison	Wetland		W-EE-130	617 Perm Conversion	0.53	0.918
Madison	Wetland		W-EE-131	617 Perm Conversion	0.53	4.656
Madison	Wetland		W-EE-133	617 Perm Conversion	0.53	3.135
Madison	Wetland		W-EE-134C	617 Perm Conversion	0.57	0.069
Jefferson	Wetland		W-EE-149	617 Perm Conversion	0.33	0.238
Jefferson	Wetland		W-EE-153	617 Perm Conversion	0.67	0.413
Jefferson	Wetland		W-EE-154	617 Perm Conversion	0.63	0.306
Jefferson	Wetland		W-EE-162	617 Perm Conversion	0.67	0.599
Jefferson	Wetland		W-EE-163	617 Perm Conversion	0.63	0.003
Jefferson	Wetland		W-EE-166	617 Perm Conversion	0.73	0.889
Jefferson	Wetland		W-EE-169	617 Perm Conversion	0.63	1.208
Jefferson	Wetland		W-EE-170	617 Perm Conversion	0.63	0.374
Jefferson	Wetland		W-EE-171	617 Perm Conversion	0.63	0.223
Jefferson	Wetland		W-EE-179	617 Perm Conversion	0.57	0.573
Jefferson	Wetland		W-EE-191A	617 Perm Conversion	0.67	0.038
Jefferson	Wetland		W-EE-191B	617 Perm Conversion	0.67	0.000
Jefferson	Wetland		W-EE-191C	617 Perm Conversion	0.67	0.007
Jefferson	Wetland		W-EE-198	617 Perm Conversion	0.47	1.404
Jefferson	Wetland	97.8	W-EE-203	617 Perm Conversion	0.7	0.456

PART I – Qualitative Description (See Section 62-345.400, F.A.C.)

Site/Project Name		Application Number	er		Assessment Area Name	or Number	
Gulf Power Company			FLUCFCS 621 - Cypress				
North Florida Resiliency Conne					See Attached List fo		
FLUCCs code	Further classification	ation (optional)		Impact	t or Mitigation Site?	Assessment Area Size	
621		Cypress	Impact				
Basin/Watershed Name/Number /	Affected Waterbody (Cla	ıss)	Special Classificat	ion (i.e.0	OFW, AP, other local/state/fed	eral designation of importance)	
Geographic relationship to and hyd	rologic connection wit	h wetlands, other	surface water, up	lands			
Surrounding habitats include SW B developments. AA is not hydrologic			_	ment fa	acility, a golf course, a	nd residential	
Assessment area description							
AA is cypress/freshwater marsh ha direct runoff from SW Bascom Norr	• •	d appears to have	been excavated	as ope	en water feature occur	s offsite. AA receives	
Significant nearby features			Uniqueness (considering the relative rarity in relation to the regional landscape.)				
r	none				not unique		
Functions			Mitigation for pre	vious	permit/other historic us	se	
BIOLOGICAL: Amphibian breeding; wading bird fee	eding; sandhill crane feeding; and re	ptile (snake) feeding					
PHYSICAL/CHEMICAL: Water quality treatment; sedim retention	nent/erosion control; recharge/discha on/detention.	arge; detrital export; flood					
Anticipated Wildlife Utilization Based on Liter representative of the assessment area and r					ed Species (List species, the lity of use of the assessmen		
Salamanders, newts, toads, frogs, white ibis marsh rabbit, white t	s, wood stork, sandhill crane tailed deer, and raccoon.	e, wading birds, snipe,	Florida sandhill crane (T, foraging, nesting, seasonal), wood stork (FE, foraging, seasonal), alligator (FT, foraging, breeding, long-term), tricolored heron (T, foraging, long-term), and little blue heron (T, foraging, long-term).				
Observed Evidence of Wildlife Utiliz	zation (List species dir	ectly observed, o	r other signs such	as tra	acks, droppings, casin	gs, nests, etc.):	
none							
Additional relevant factors:							
None							
Assessment conducted by:			Assessment date	e(s):			
E&E, ECT, Inc.				•			
, = , = .			I				

County	Type	MP_{-}	NEW_ID	FLUCCS Perm_Temp	UMAM	CALC_acre
Columbia	Wetland	11.3	W-ECT-036	621 Perm Conversion	0.5	0.529
Columbia	Wetland	17.3	W-ECT-042	621 Perm Conversion	0.67	0.794
Leon	Wetland	114.8	W-ECT-N-250B_1	621 Perm Conversion	0.8	0.517
Leon	Wetland	115	W-ECT-N-253_2	621 Perm Conversion	0.67	1.091
Jefferson	Wetland	84.4	W-EE-142	621 Perm Conversion	0.8	0.484
Jefferson	Wetland	87.4	W-EE-155	621 Perm Conversion	0.63	0.295
Jefferson	Wetland	84.4	W-EE-142	621 Temp Construction	0.8	0.084
Columbia	Wetland	11.3	W-ECT-036	621 Perm Fill	0.5	0.001
Columbia	Wetland	17.3	W-ECT-042	621 Perm Fill	0.67	0.001
Jefferson	Wetland	84.4	W-EE-142	621 Perm Fill	0.8	0.001
Jefferson	Wetland	87.4	W-EE-155	621 Perm Fill	0.63	0.001
Leon	Wetland	114.8	W-ECT-N-250B_1	621 Perm Fill	0.8	0.001
Leon	Wetland	115	W-ECT-N-253_2	621 Perm Fill	0.67	0.001

3.801

Site/Project Name		Application Number	Assessment Are	ea Name or Number		
Gulf Power Company				FLUCFCS 621 - Cypress W-EE-142		
North Florida Resilie Impact or Mitigation	ncy Connection	Assessment conducted by:	Assessment dat	e:		
Impact - Temporary Constructi	ion (Clearing)	E&E				
,						
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 current with 7		a mixture of urban and rural roc c species observed outside o and		•		
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with 8	and other climatic effects. S impacts to other portions of	ear lower than appropriate, co oil moisture appears normal. the AA, outside of the projec egetation shows no signs of h	Drainage patterns affected let area. No evidence of use b	by roadway construction and		
.500(7)(c)Community Structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with 9 3		s appropriate and desirable. and management activities n				
Score = sum of above scores/30	If preservation as mitig	ration.	For impact asses	sment areas		
(if uplands, divide by 20) current or w/o pres 0.8 0.6	Preservation adjustment (0 - 1, 0.1 increments) = Adjusted mitigation de	factor	FL = delta x acres x ti 0.20 x .080 x 1.46 = 0	me lag =		
	If mitigation		For mitigation assa	occment areas		
Delta = [with-current]	Time lag (t-factor) (see	e tables) = 1	For mitigation asse	essilielit aieds		
-0.20	Risk factor (1 - 3, 0.25 increments) =	1	RFG = delta/(t-factor x =	x risk) -0.56667		

Site/Project Name Gulf Power Compa North Florida Resili		Application Number	Ass	FLUCFCS 6	a Name or Numbe 321 - Cypress ed List for Wetland	
Impact or Mitigation		Assessment conducted by:	Ass	sessment date	e:	
Impact - Permanent Fill (Po	es)	E&E, ECT Inc.				
Scoring Guidance	Optimal (10)	Moderate(7)	Minima	al (4)	Not Presen	t (0)
The scoring of each		Condition is less than	IVIIIIII	ai (4)	Not Fresen	ι (υ)
indicator is based on what	Condition is optimal and	optimal, but sufficient to	Minimal level	of support of	Condition is insu	ufficient to
would be suitable for the	fully supports wetland/surface water	maintain most	wetland/surf		provide wetland	d/surface
type of wetland or surface	functions	wetland/surface water	functi	ons	water funct	ions
water assessed	Turictions	functions				
.500(6)(a) Location and Landscape Support Range 4 -8; Average = 6.33 w/o pres or current with av=6.33		a mixture of urban and rural r tic species observed outside o and			•	
.500(6)(b)Water Environment (n/a for uplands) Range 5 - 8 Average =6.66 w/o pres or current with av = 6.66 0	and other climatic effects. Simpacts to other portions of	ear lower than appropriate, co Soil moisture appears normal. f the AA, outside of the projec egetation shows no signs of h	. Drainage patte ct area. No evide	rns affected b ence of use by	y roadway constru	uction and
1. Vegetation and/or 2. Benthic Community Range 6-9; Average = 7.33 w/o pres or current with av=7.33	All or nearly all plant cover	is appropriate and desirable. Land management activities n				•
0	If an accounting a consist	in ation	Fau:			
Score = sum of above scores/30 (if uplands, divide by 20)	If preservation as miti Preservation adjustmen		Fori	mpact assess	sment areas	
current	(0 - 1, 0.1 increments) =					
or w/o pres with				a x acres = 0	0.677 x 0.006=	
0.677 0	Adjusted mitigation de	elta = 0	0.004			
	J					
	If mitigation		-	itionation or	coment sees	
Delta = [with-current]	Time lag (t-factor) (se	ee tables) =	For m	itigation asses	ssment areas	
-0.677	Risk factor (RFG = de	elta/(t-factor x	risk) =	

County	Type	MP_{-}	NEW_ID	FLUCCS Perm_Temp	UMAM	CALC_acre
Columbia	Wetland	11.3	W-ECT-036	621 Perm Fill	0.5	0.001
Columbia	Wetland	17.3	W-ECT-042	621 Perm Fill	0.67	0.001
Jefferson	Wetland	84.4	W-EE-142	621 Perm Fill	0.8	0.001
Jefferson	Wetland	87.4	W-EE-155	621 Perm Fill	0.63	0.001
Leon	Wetland	114.8	W-ECT-N-250B_1	621 Perm Fill	0.8	0.001
Leon	Wetland	115	W-ECT-N-253_2	621 Perm Fill	0.67	0.001

0.006

Site/Project Name		Application Number		ea Name or Number	
Gulf Power Company North Florida Resiliency Connection				FLUCFCS 621 - Cypress See Attached List for Wetland ID's	
North Florida Resilie	ency Connection	Assessment conducted by:		Assessment date:	
Impact - Permanent Conversion	on to Herbaceous	E&E, ECT Inc.	7.000000		
pact i omanont comorcia					
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 insufficient to provide wetland/surface water functions	
.500(6)(a) Location and Landscape Support Range 4 -8; Average = 6.33 w/o pres or current with av = 6.33		a mixture of urban and rural re ic species observed outside o and		•	
.500(6)(b)Water Environment (n/a for uplands) Range 5-8; Average = 6.66 w/o pres or current with Av = 6.66 6.66	and other climatic effects. S impacts to other portions of	ear lower than appropriate, co soil moisture appears normal. the AA, outside of the projec egetation shows no signs of h	Drainage patterns affected t area. No evidence of use b	by roadway construction and	
1. Vegetation and/or 2. Benthic Community Range 6 -9; Average = 7.33 w/o pres or current with Av = 7.33	All or nearly all plant cover i	s appropriate and desirable. and management activities n			
Score = sum of above scores/30	If preservation as mitig	gation	For impact asses	esment areas	
(if uplands, divide by 20)	Preservation adjustment	t factor	1 of impact asses	omont areas	
current or w/o pres with	(0 - 1, 0.1 increments) =		FL = delta x acres =	0.155 x 3.71 =	
or w/o pres With 0.677 0.522	Adjusted mitigation de	elta = 0	0.576		
0.022					
	If mitigation		Farmerial and the second	acomout orace	
Delta = [with-current]	Time lag (t-factor) (see	e tables) = 1	For mitigation asse	essment areas	
-0.155	Risk factor (1 - 3, 0.25 increments) =	5 1	RFG = delta/(t-factor : =	x risk)	

County	Type	MP_{-}	NEW_ID	FLUCCS Perm_Temp	UMAM	CALC_acre
Columbia	Wetland	11.3	W-ECT-036	621 Perm Conversion	0.5	0.529
Columbia	Wetland	17.3	W-ECT-042	621 Perm Conversion	0.67	0.794
Leon	Wetland	114.8	W-ECT-N-250B_1	621 Perm Conversion	0.8	0.517
Leon	Wetland	115	W-ECT-N-253_2	621 Perm Conversion	0.67	1.091
Jefferson	Wetland	84.4	W-EE-142	621 Perm Conversion	0.8	0.484
Jefferson	Wetland	87.4	W-EE-155	621 Perm Conversion	0.63	0.295

PART I – Qualitative Description (See Section 62-345.400, F.A.C.)

Site/Project Name			Application Number	er		Assessment Area Name	or Number
Gulf Power Company	-4! - ·-					W-EE-	AA-019
North Florida Resiliency Connec							
FLUCCs code		Further classifica	tion (optional)		Impad	ct or Mitigation Site?	Assessment Area Size
625		Н	dric Pine Flatwoo	nde		Impact	
020		11)	rano i inc i latwoo	,43		impaot	
Basin/Watershed Name/Number	Affecte	ed Waterbody (Clas	is)	Special Classificati	on (i.e.	OFW, AP, other local/state/federal	designation of importance)
HUC 10 Alligator Creek-Aucilla		3	-,			, ,	, , , , , , , , , , , , , , , , , , , ,
River							
Geographic relationship to and hyd	drologic	connection with	wetlands, other s	urface water, upla	nds		
		Adja	cent to I-10, isola	ted hydrologically			
Assessment area description							
, , , , , , , , , , , , , , , , , , ,							
		The depressi	onal wetland is w	ithin a planted pine	fores	st.	
0				Uniqueness (co	nsidei	ring the relative rarity in	relation to the regional
Significant nearby features				landscape.)		,	J
	I-10					Not unique	
Functions				Mitigation for pre	vious	permit/other historic use	9
						•	
Water quality, water	er stora	age, wildlife habita	at			NA	
1 4 3,		3-,					
Anticipated Wildlife Utilization Base	ed on L	iterature Review	(List of species	Anticipated Utiliza	ation b	by Listed Species (List s	pecies, their legal
that are representative of the asse	ssment	t area and reasor	ably expected to			C), type of use, and inte	ensity of use of the
be found)				assessment area	1)		
Provides habitat and refuge for sm amphibians.	all mar	mmals, resident s	ongbirds, and			NA	
апрпіріаль.							
Observed Evidence of Wildlife Utili	izotion	/l int appoins dire	othy observed or	other signs such a	o troo	ko droppingo oppingo	nooto oto):
Observed Evidence of Whalife Offin	izalion	(List species dire	city observed, or	other signs such a	is ii au	ks, droppings, casings,	nesis, etc.).
				None			
Additional relevant factors:							
Assessment conducted by:				Assessment date	/e)·		
_					,(S).		
A Wickman, T Guest				4/18/2019			

Site/Project Name North Florida Resilie Impact or Mitigation		Application Number	Accacement Are	a Name or Number		
	anay Connection	Application Number		Assessment Area Name or Number		
	ency Connection	A		W-EE-AA-019		
	an (Olassina)	Assessment conducted by:		Assessment date:		
Impact - Temporary Construction	on (Clearing)	A. Wickman, T. Gue	est	4/18/2019		
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal (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 of wetland/surface water	Condition is insufficient to provide wetland/surface		
type of wetland or surface	water functions	wetland/surface	functions	water functions		
water assessed		waterfunctions				
.500(6)(a) Location and Landscape Support w/o pres or current with 4		The depressional wetland is	within a planted pine forest.			
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with	The wetland is a small d	lepressional wetland. The hydr reconnected within the g		pine plantation, but may		
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community	ı	Dominated by pine with little un	nderstory due to maintenance			
w/o pres or current with 4 3						
Score = sum of above scores/30 (if	If preservation as mitiga	ation	For impact asse	ssment areas		
uplands, divide by 20)			. or impact asse.	555rit droub		
current	Preservation adjustmen	nt ractor =	FL = delta x acres x tim	ne lag= 0.03 X		
current	Adjusted mitigation delt	a =	0.075 x 1.46 = 0.003	-		
or w/o pres with	, ,					
]					
or w/o pres with	If mitigation		For militarian			
or w/o pres with			For mitigation ass	essment areas		

PART I – Qualitative Description (See Section 62-345.400, F.A.C.)

Site/Project Name		Application Number	er		Assessment Area Name	or Number
Gulf Power Company North Florida Resiliency Connec	etion				FLUCFCS 630 - Mixe See Attached List of	ed Forested Wetlands Wetland ID's
FLUCCs code	Further classification	ation (optional)		Ir	mpact or Mitigation Site?	Assessment Area Size
630	Mixed	d Forested Wetlar	nds	Exist	ing Condition/Impact	
Basin/Watershed Name/Number	Affected Waterbody (Cla	ss)	Special Classification	on (i.e.C	PFW, AP, other local/state/federa	al designation of importance)
Various						
Geographic relationship to and hyd	drologic connection wit	h wetlands, other	surface water, upl	ands		
Assessment area is surrounded by	y forested uplands, and	connects to othe	r wetland systems	•		
Assessment area description The canopy stratum in the outer ed sweetgum, loblolly pine (recruited) subcanopy stratum comprises red blueberry, wax myrtle, giant cane, species including Virginia chain fe (<i>Thelypteris</i> sp.), among others.	, water oak, and swam maple, loblolly pine, sv fetterbush, needlepalm	p chestnut oak, w weetbay, Americar n, Florida anise, ar	th occurrences of a hornbeam, and s and bluestem palme bweyed grass, cinr	plante weetg etto. Th	d loblolly pine along th um. The shrub stratum ne groundcover compri fern, blackberry, grape	e edges. The comprises highbush ses of a variety of e vine, and shield ferns
Significant nearby features			Uniqueness (considering the relative rarity in relation to the regional landscape.)			
Intertate highway			Not rare in relation to regional landscape			
Functions			Mitigation for pre	vious p	permit/other historic us	е
Wildlife habitat, wa	ter treatment and stora	ge			N/A	
Anticipated Wildlife Utilization Bas that are representative of the asse to be found)				T, SSC	y Listed Species (List s C), type of use, and into	
Wading bir	ds, herpetofauna				se by wading birds suc blue heron (SSC), sno tricolor heron (SSC).	, , ,
Observed Evidence of Wildlife Util	ization (List species di	rectly observed, or	other signs such	as trac	cks, droppings, casings	s, nests, etc.):
Additional relevant factors:						
Accomment conducted by			A a a a a a a a a a a a a a a a a a a a	\(a\):		
Assessment conducted by:			Assessment date	:(S):		
Golder, ECT, E&E			1			

Form 62-345.900(1), F.A.C. [effective date]

County	Туре	MP_ Wetland ID	FLUCCS Impact Type	UMAM Impact	Acreage
Columbia	Wetland	5.7 W-ECT-017	630 Perm Conversion	0.47	0.002
Columbia	Wetland	7.5 W-ECT-020	630 Perm Fill	0.47	0.002
Columbia	Wetland	7.5 W-ECT-020	630 Perm Conversion	0.47	0.431
Columbia	Wetland	8.3 W-ECT-022	630 Perm Fill	0.57	0.001
Columbia	Wetland	8.3 W-ECT-022	630 Perm Conversion	0.57	0.308
Columbia	Wetland	11.7 W-ECT-038	630 Perm Fill	0.57	0.001
Columbia	Wetland	11.7 W-ECT-038	630 Perm Conversion	0.57	0.697
Columbia	Wetland	13.8 W-ECT-041	630 Perm Conversion	0.5	0.080
Suwannee	Wetland	25.6 W-ECT-052A	630 Perm Fill	0.63	0.000
Suwannee	Wetland	25.6 W-ECT-052A	630 Perm Conversion	0.63	0.125
Suwannee	Wetland	25.6 W-ECT-052B	630 Perm Conversion	0.63	0.234
Suwannee	Wetland	26.7 W-ECT-057_2	630 Perm Conversion	0.57	0.010
Suwannee	Wetland	26.7 W-ECT-057_3	630 Perm Conversion	0.57	0.086
Suwannee	Wetland	27.1 W-ECT-060_1	630 Perm Conversion	0.63	0.069
Suwannee	Wetland	35.6 W-ECT-076	630 Perm Fill	0.43	0.001
Suwannee	Wetland	35.6 W-ECT-076	630 Perm Conversion	0.43	1.296
Suwannee	Wetland	40.9 W-ECT-079	630 Perm Conversion	0.33	0.163
Suwannee	Wetland	41.2 W-ECT-081	630 Perm Conversion	0.33	0.390
Suwannee	Wetland	50.4 W-ECT-088	630 Perm Fill	0.57	0.003
Suwannee	Wetland	50.4 W-ECT-088	630 Perm Conversion	0.57	1.545
Jefferson	Wetland	96.2 W-ECT-AA-025B	630 Perm Conversion	0.57	0.000
Jefferson	Wetland	106.1 W-ECT-N-216D_3	630 Perm Fill	0.8	0.001
Jefferson	Wetland	106.1 W-ECT-N-216D_3	630 Perm Conversion	0.8	0.466
Jefferson	Wetland	106.8 W-ECT-N-216G_2	630 Perm Fill	0.8	0.003
Jefferson	Wetland	106.8 W-ECT-N-216G_2	630 Perm Conversion	0.8	2.241
Leon	Wetland	111.6 W-ECT-N-241_4	630 Perm Fill	0.7	0.003
Leon	Wetland	111.6 W-ECT-N-241_4	630 Perm Conversion	0.7	2.631
Leon	Wetland	114.1 W-ECT-N-243A_2	630 Perm Fill	0.7	0.002
Leon	Wetland	114.1 W-ECT-N-243A_2	630 Perm Conversion	0.7	1.862
Leon	Wetland	113.8 W-ECT-N-243B	630 Perm Conversion	0.7	0.086
Leon	Wetland	113.4 W-ECT-N-243D	630 Perm Fill	0.7	0.001
Leon	Wetland	113.4 W-ECT-N-243D	630 Perm Conversion	0.7	1.366
Leon	Wetland	112.9 W-ECT-N-243E_2	630 Perm Conversion	0.7	1.454
Leon	Wetland	115.8 W-ECT-N-259_4	630 Perm Fill	0.7	0.003
Leon	Wetland	115.8 W-ECT-N-259_4	630 Perm Conversion	0.7	0.841
Leon	Wetland	116.2 W-ECT-N-261_3	630 Perm Fill	0.67	0.001
Leon	Wetland	116.2 W-ECT-N-261_3	630 Perm Conversion	0.67	0.317
Madison	Wetland	63.1 W-EE-102A	630 Perm Conversion	0.4	0.048
Madison	Wetland	63.1 W-EE-102C	630 Perm Conversion	0.4	0.049
Madison	Wetland	63.5 W-EE-103	630 Perm Conversion	0.47	0.143
Madison	Wetland	64.2 W-EE-105	630 Perm Fill	0.43	0.002
Madison	Wetland	64.2 W-EE-105	630 Perm Conversion	0.43	1.753
Madison	Wetland	64.6 W-EE-106	630 Perm Conversion	0.47	0.759
Madison	Wetland	68.2 W-EE-116B	631 Temp Construction	0.3	0.003
Madison	Wetland	64.9 W-EE-107B	630 Perm Conversion	0.47	0.293
Madison	Wetland	77.6 W-EE-126	630 Perm Fill	0.53	0.003
Madison	Wetland	77.6 W-EE-126	630 Temp Construction	0.53	0.151
Madison	Wetland	77.6 W-EE-126	630 Perm Conversion	0.53	2.252
Madison	Wetland	78 W-EE-127	630 Perm Conversion	0.3	0.097
Madison	Wetland	82 W-EE-136	630 Perm Conversion	0.57	0.488
Madison	Wetland	82.4 W-EE-137	630 Perm Conversion	0.57	0.644
Madison	Wetland	83.2 W-EE-140A	630 Perm Fill	0.6	0.007
Madison	Wetland	83.2 W-EE-140A	630 Temp Construction	0.6	0.578
Madison	Wetland	83.2 W-EE-140A	630 Perm Conversion	0.6	4.963

Jefferson	Wetland	83.9 W-EE-140B	630 Temp Construction	0.6	0.126
Jefferson	Wetland	83.9 W-EE-140B	630 Perm Fill	0.6	0.002
Jefferson	Wetland	83.9 W-EE-140B	630 Perm Conversion	0.6	1.433
Jefferson	Wetland	84.2 W-EE-142A	630 Perm Conversion	0.8	0.348
Jefferson	Wetland	87.5 W-EE-157	630 Temp Construction	0.53	0.029
Jefferson	Wetland	87.6 W-EE-159A	630 Temp Construction	0.53	0.040
Jefferson	Wetland	87.6 W-EE-159A	630 Perm Fill	0.53	0.002
Jefferson	Wetland	87.6 W-EE-159A	630 Perm Conversion	0.53	0.469
Jefferson	Wetland	87.9 W-EE-160	630 Perm Conversion	0.53	0.130
Jefferson	Wetland	91.4 W-EE-176	630 Perm Fill	0.53	0.001
Jefferson	Wetland	91.4 W-EE-176	630 Perm Conversion	0.53	0.960
Jefferson	Wetland	91.8 W-EE-180A	630 Perm Conversion	0.5	0.112
Jefferson	Wetland	91.8 W-EE-180B	630 Perm Conversion	0.5	0.078
Jefferson	Wetland	91.9 W-EE-182	630 Perm Conversion	0.5	0.165
Jefferson	Wetland	92 W-EE-184A	630 Perm Conversion	0.57	0.453
Jefferson	Wetland	92.1 W-EE-184B	630 Perm Fill	0.57	0.001
Jefferson	Wetland	92.1 W-EE-184B	630 Perm Conversion	0.57	0.423
Jefferson	Wetland	92.2 W-EE-187	630 Perm Fill	0.53	0.001
Jefferson	Wetland	92.2 W-EE-187	630 Perm Conversion	0.53	0.436
Jefferson	Wetland	94.5 W-EE-197	630 Perm Conversion	0.43	0.058
Jefferson	Wetland	95.1 W-EE-198A	630 Perm Conversion	0.3	0.017
Madison	Wetland	78.1 W-EE-AA-006	630 Temp Construction	0.4	0.012
Madison	Wetland	78.1 W-EE-AA-007	630 Temp Construction	0.4	0.004
Madison	Wetland	78.1 W-EE-AA-008	630 Temp Construction	0.4	0.033
Madison	Wetland	0 W-EE-AA-012	630 Temp Construction	0.53	0.393
Jefferson	Wetland	0 W-EE-AA-015A	630 Temp Construction	0.53	0.029
Jefferson	Wetland	0 W-EE-AA-015B	630 Temp Construction	0.53	0.011
Jefferson	Wetland	0 W-EE-AA-016 126.8 W-GOL-272B	630 Temp Construction 630 Perm Conversion	0.4 0.77	0.046 0.055
Leon	Wetland Wetland	128.8 W-GOL-272B	630 Perm Conversion	0.77	0.000
Leon Leon	Wetland	128.9 W-GOL-277A	630 Perm Conversion	0.73	0.062
Leon	Wetland	131.1 W-GOL-2778	630 Perm Conversion	0.77	0.062
Leon	Wetland	132.5 W-GOL-279A	630 Perm Conversion	0.73	0.030
Leon	Wetland	132.5 W-GOL-279A	630 Perm Fill	0.73	0.002
Leon	Wetland	133.2 W-GOL-280A	630 Perm Conversion	0.73	0.041
Leon	Wetland	134.2 W-GOL-280C	630 Perm Conversion	0.73	0.004
Leon	Wetland	135 W-GOL-285A_2	630 Perm Conversion	0.6	0.112
Leon	Wetland	135.2 W-GOL-287A_2	630 Perm Conversion	0.73	0.013
Leon	Wetland	135.4 W-GOL-288_1	630 Perm Conversion	0.73	0.292
Leon	Wetland	135.6 W-GOL-289_1	630 Perm Conversion	0.73	0.047
Leon	Wetland	135.7 W-GOL-290_1	630 Perm Conversion	0.73	0.153
Leon	Wetland	136.7 W-GOL-292	630 Perm Conversion	0.7	0.273
Leon	Wetland	137 W-GOL-293	630 Perm Conversion	0.6	0.165
Leon	Wetland	137 W-GOL-294	630 Perm Conversion	0.63	0.528
Leon	Wetland	137 W-GOL-294	630 Perm Fill	0.63	0.001
Leon	Wetland	137.3 W-GOL-295	630 Perm Conversion	0.6	0.285
Leon	Wetland	137.6 W-GOL-296A	630 Perm Conversion	0.57	0.062
Gadsden	Wetland	137.6 W-GOL-296B	630 Perm Conversion	0.57	0.021
Gadsden	Wetland	138 W-GOL-298	630 Perm Conversion	0.57	0.268
Gadsden	Wetland	138.4 W-GOL-300	630 Perm Conversion	0.57	1.517
Gadsden	Wetland	138.4 W-GOL-300	630 Perm Fill	0.57	0.002
Gadsden	Wetland	139.3 W-GOL-303	630 Perm Conversion	0.57	0.066
Gadsden	Wetland	139.6 W-GOL-304B	630 Perm Conversion	0.57	0.173
Gadsden	Wetland	139.6 W-GOL-304B	630 Perm Fill	0.57	0.001
Gadsden	Wetland	139.7 W-GOL-306	630 Perm Conversion	0.57	0.088

Gadsden	Wetland	139.9 W-GOL-307A	630 Perm Conversion	0.63	1.531
Gadsden	Wetland	139.9 W-GOL-307A	630 Perm Fill	0.63	0.001
Gadsden	Wetland	140.7 W-GOL-308A	630 Perm Conversion	0.57	0.071
Gadsden	Wetland	141.1 W-GOL-309B	630 Perm Conversion	0.57	0.436
Gadsden	Wetland	141.1 W-GOL-309B	630 Perm Fill	0.57	0.001
Gadsden	Wetland	141.3 W-GOL-309C	630 Perm Conversion	0.57	0.763
Gadsden	Wetland	141.3 W-GOL-309C	630 Perm Fill	0.57	0.001
Gadsden	Wetland	141.9 W-GOL-310A	630 Perm Conversion	0.67	0.505
Gadsden	Wetland	142.1 W-GOL-311	630 Perm Conversion	0.67	0.018
Gadsden	Wetland	142.5 W-GOL-312	630 Perm Conversion	0.67	0.713
Gadsden	Wetland	143.1 W-GOL-313A	630 Perm Conversion	0.7	0.491
Gadsden	Wetland	144 W-GOL-314	630 Perm Conversion	0.7	0.521
Gadsden	Wetland	144.1 W-GOL-315	630 Perm Conversion	0.7	0.198
Gadsden	Wetland	144.2 W-GOL-316	630 Perm Conversion	0.7	0.196
Gadsden	Wetland	144.5 W-GOL-317B	630 Perm Conversion	0.7	0.494
Gadsden	Wetland	144.8 W-GOL-318B	630 Perm Conversion	0.7	0.210
Gadsden	Wetland	145.14 W-GOL-319B	630 Perm Conversion	0.7	0.115
Gadsden	Wetland	145.2 W-GOL-320	630 Perm Conversion	0.7	0.023
Gadsden	Wetland	145.4 W-GOL-321A	630 Perm Conversion	0.8	2.948
Gadsden	Wetland	145.4 W-GOL-321A	630 Perm Fill	0.8	0.003
Gadsden	Wetland	145.9 W-GOL-322B	630 Perm Conversion	0.7	0.296
Gadsden	Wetland	146.2 W-GOL-323	630 Perm Conversion	0.7	0.099
Gadsden	Wetland	146.6 W-GOL-324	630 Perm Conversion	0.7	0.107
Gadsden	Wetland	146.8 W-GOL-325B	630 Perm Conversion	0.7	0.145
Gadsden	Wetland	147.8 W-GOL-328B	630 Perm Conversion	0.7	1.596
Gadsden	Wetland	147.8 W-GOL-328B	630 Perm Fill	0.7 0.7	0.001
Gadsden Gadsden	Wetland Wetland	150.6 W-GOL-332 150.6 W-GOL-332	630 Perm Conversion 630 Perm Fill	0.7	0.433 0.001
Gadsden	Wetland	150.0 W-GOL-332 150.7 W-GOL-333	630 Perm Conversion	0.7	0.072
Gadsden	Wetland	150.7 W-GOL-333 150.8 W-GOL-334	630 Perm Conversion	0.7	2.074
Gadsden	Wetland	150.8 W-GOL-334	630 Perm Fill	0.7	0.002
Gadsden	Wetland	151.4 W-GOL-335	630 Perm Conversion	0.67	0.799
Gadsden	Wetland	151.4 W-GOL-335	630 Perm Fill	0.67	0.001
Gadsden	Wetland	152.2 W-GOL-336A	630 Perm Conversion	0.67	1.858
Gadsden	Wetland	152.2 W-GOL-336A	630 Perm Fill	0.67	0.002
Gadsden	Wetland	152.9 W-GOL-337B	630 Perm Conversion	0.6	1.763
Gadsden	Wetland	152.9 W-GOL-337B	630 Perm Fill	0.6	0.002
Gadsden	Wetland	154 W-GOL-338B	630 Perm Conversion	0.6	0.666
Gadsden	Wetland	154.5 W-GOL-339	630 Perm Conversion	0.6	0.626
Gadsden	Wetland	156.2 W-GOL-340A	630 Perm Conversion	0.6	1.669
Gadsden	Wetland	156.2 W-GOL-340A	630 Perm Fill	0.6	0.002
Gadsden	Wetland	157.2 W-GOL-342A	630 Perm Conversion	0.63	1.059
Gadsden	Wetland	157.6 W-GOL-343	630 Perm Conversion	0.6	0.437
Gadsden	Wetland	157.9 W-GOL-344	630 Perm Conversion	0.6	2.130
Gadsden	Wetland	157.9 W-GOL-344	630 Perm Fill	0.6	0.003
Gadsden	Wetland	158.3 W-GOL-346A	630 Perm Conversion	0.6	3.716
Gadsden	Wetland	158.3 W-GOL-346A	630 Perm Fill	0.6	0.006
Gadsden	Wetland	158.8 W-GOL-346B	630 Perm Conversion	0.6	0.005
Gadsden	Wetland	159 W-GOL-347A	630 Perm Conversion	0.6	2.120
Gadsden	Wetland	159 W-GOL-347A	630 Perm Fill	0.6	0.002
Gadsden	Wetland	158.9 W-GOL-347C	630 Perm Conversion	0.6	0.106
Gadsden	Wetland	158.8 W-GOL-348	630 Perm Conversion	0.57	0.360
Gadsden	Wetland	158.9 W-GOL-349	630 Perm Conversion	0.57	0.052
Gadsden	Wetland	160.5 W-GOL-352B	630 Perm Conversion	0.63	0.157
Gadsden	Wetland	160.8 W-GOL-354	630 Perm Conversion	0.63	0.048

Gadsden	Wetland	161.6 W-GOL-357	630 Perm Conversion	0.63	0.508
Gadsden	Wetland	161.9 W-GOL-358A	630 Perm Conversion	0.63	0.039
Gadsden	Wetland	161.9 W-GOL-358B	630 Perm Conversion	0.63	0.001
Gadsden	Wetland	162.2 W-GOL-361B	630 Perm Conversion	0.63	0.043
Gadsden	Wetland	162.2 W-GOL-361C	630 Perm Conversion	0.63	0.035
Gadsden	Wetland	163 W-GOL-362A	630 Perm Conversion	0.63	0.470
Gadsden	Wetland	163 W-GOL-362B	630 Perm Conversion	0.63	0.034
Gadsden	Wetland	163.4 W-GOL-364A	630 Perm Conversion	0.63	0.013
Gadsden	Wetland	163.4 W-GOL-364B	630 Perm Conversion	0.63	0.164
Gadsden	Wetland	163.4 W-GOL-364C	630 Perm Conversion	0.63	0.023
Gadsden	Wetland	163.8 W-GOL-366A	630 Perm Conversion	0.63	0.096
Gadsden	Wetland	163.8 W-GOL-366B	630 Perm Conversion	0.63	0.042
Gadsden	Wetland	164 W-GOL-368A	630 Perm Conversion	0.63	0.033
Gadsden	Wetland	164 W-GOL-368B	630 Perm Conversion	0.63	0.538
Gadsden	Wetland	164.3 W-GOL-369A	630 Perm Conversion	0.63	0.009
Gadsden	Wetland	164.3 W-GOL-369B	630 Perm Conversion	0.63	0.030
Gadsden	Wetland	164.7 W-GOL-373A	630 Perm Conversion	0.63	1.390
Gadsden	Wetland	164.7 W-GOL-373A	630 Perm Fill	0.63	0.001
Gadsden	Wetland	165.4 W-GOL-373B	630 Perm Conversion	0.6	0.047
Gadsden	Wetland	165.9 W-GOL-373C	630 Perm Conversion	0.63	0.581
Gadsden	Wetland	165.9 W-GOL-373C	630 Perm Fill	0.63	0.001
Gadsden	Wetland	166.2 W-GOL-373D	630 Perm Conversion	0.63	0.072
Gadsden	Wetland	166.4 W-GOL-373E	630 Perm Conversion	0.63	0.226
Gadsden	Wetland	167 W-GOL-374A	630 Perm Conversion	0.63	0.272
Gadsden	Wetland	167.6 W-GOL-374B	630 Perm Conversion	0.63	0.053
Gadsden	Wetland	167.8 W-GOL-374C	630 Perm Conversion	0.63	0.025
Gadsden	Wetland	168.3 W-GOL-374D	630 Perm Conversion	0.63	0.157
Gadsden	Wetland	168.5 W-GOL-374E	630 Perm Conversion	0.63	0.019
Gadsden	Wetland	168.6 W-GOL-375	630 Perm Conversion	0.63	0.233
Gadsden	Wetland	168.7 W-GOL-376	630 Perm Conversion	0.63	0.049
Gadsden	Wetland	168.8 W-GOL-376A	630 Perm Conversion	0.63	0.052
Gadsden	Wetland	169 W-GOL-377A	630 Perm Conversion	0.63	3.983
Gadsden	Wetland	169 W-GOL-377A	630 Perm Fill	0.63	0.005
Gadsden	Wetland	170.1 W-GOL-380A	630 Perm Conversion	0.63	4.860
Gadsden	Wetland	170.1 W-GOL-380A	630 Perm Fill	0.63	0.008
Jackson	Wetland	170.8 W-GOL-380B	630 Perm Conversion	0.63	3.237
Jackson	Wetland	170.8 W-GOL-380B	630 Perm Fill	0.63	0.006
Jackson	Wetland	171.4 W-GOL-382	630 Perm Conversion	0.63	2.447
Madison	Wetland	81.6 W-EE-134A	631 Perm Conversion	0.57	0.648
Jackson	Wetland	171.4 W-GOL-382	630 Perm Fill	0.63	0.003
Jefferson	Wetland	91.3 W-EE-175B	631 Perm Conversion	0.73	0.106
Jackson	Wetland	172.1 W-GOL-383	630 Perm Conversion	0.63	0.084
Jefferson	Wetland	91.6 W-EE-177A	631 Perm Conversion	0.47	0.094
Jackson	Wetland	172.1 W-GOL-384A	630 Perm Conversion	0.63	0.242
Jefferson	Wetland	91.6 W-EE-177B	631 Perm Conversion	0.47	0.063
Jefferson	Wetland	94.3 W-EE-195A	631 Perm Conversion	0.43	0.131
Jefferson	Wetland	94.3 W-EE-195B	631 Perm Conversion	0.43	0.519
Gadsden	Wetland	0 W-GOL-AA-356	630 Temp Construction	0.63	0.115
			-		93.303

Site/Project Name		Application Number	T	Assessment Are	a Name or Number	
		Application Number	ľ			
Gulf Power Company North Florida Resiliency Con	FLUCFCS 630 - Mixed Fo See Attached List of Wet			etlands		
Impact or Mitigation		Assessment conducted by:		Assessment date		
Impact (Te	mporary Clearing)	Golder, ECT and E8	ßЕ			
Coording Cuildense	Onting 1/40)	Made (/=)		:	N-CD :	(0)
Scoring Guidance The scoring of each	Optimal (10)	Moderate(7) Condition is less than	Min	imal (4)	Not Present	(U)
indicator is based on	Condition is optimal and fully supports	optimal, but sufficient to		el of support of	Condition is insuffi	
what would be suitable for the type of wetland or	wetland/surface water	maintain most wetland/surface		surface water nctions	provide wetland/surfa functions	ace water
surface water assessed	functions	waterfunctions				
	<u> </u>					
		ociated with clearing the trans for wetland forests through lo				to
.500(6)(a) Location and Landscape Support	herbaceous community. Indi	ividual parameter scores: a)	Support to w	vildlife listed in Pa	art 1 by outside habita	ats = 7
		sy roads; b) Invasive exotic sports proximity of roads); d) function				
Range 3 -8; Average 5.7 w/o pres or	barriers = 6 (downstream flo	w somewhat limited by roads	and ditching	g; e) Impacts to v	wildlife listed in Part 1	by
with	` ,	cent to highway); f) Hydrologic pendency of downstream are	•			
av = 5.7 5	dependent).	pendency of downstream are	as UII 855855	Sinelii alea = / (uownsheam aleas so	mewnat
	Clearing the conony will tom	up ararily impact the water env	ironmont vo	riable converting	a forested system to a	
.500(6)(b)Water Environment		porarily impact the water env silt fencing will reduce tempo			•	
(n/a for uplands)	water levels and flows = 8 (r	normal; b) water level indicato	ors = 8, (cons	sistent with expe	cted); c) soil moisture	= 7,
		soil erosion or deposition = 6 normal); f) vegetation commu			• • •	es); e)
Range 3 -8; Average 6.1	hydrologic stress on vegetat	tion = 7; h) use by animal spe	ecies with spe	ecific hydrologica	al requirements = 7; i)	
w/o pres or		t of and associated with water quality degradation = 7; j) direct observation of water quality (s) existing water quality data = N/A; I) water depth wave, wave energy, currents and light				
current with	penetration = N/A.	oxioning water quanty data =	1471, 17 11410	acpair wave, an	avo onorgy, our one o	and light
av = 6.1 7						
.500(6)(c)Community structure						
Range 3 -8; Average 5.4	. ,	vert the system to a freshwater marsh community with significant loss of functional value				
Vegetation and/or		ed system. Individual parameter scores: a) plant community species in the canopy, 5 (lacking shrubs and groundcover); b) invasive exotics or other invasive plant species				
vegetation and/or Benthic Community	= 7, (few nuisance species);	c) regeneration and recruitm	nent = 5, (cor	nsistent with expe	ected); d) age & size	•
		nd quality of coarse woody do = 5, h) topographic features				
w/o pres or	communities = 7 (normal).	. , , , , , , , , , , , , , , , , , , ,	, , , - ,	33	- 3	
current with	1					
av= 5.4 3						
Score = sum of above scores/30 (if	If preservation as mitig	gation.		For impact asse	essment areas	
uplands, divide by 20)	Preservation adjustme			FL = delta		
current Range 3 -8; Average 5.4 or wo pres	1 10001 valion adjustine					
pr w/o pres o, / worde with	Adjusted mitigation de	elta =			es x time lag=	
av = .58 0.5				.004 X 1.508 X	(1.46 = 0.192	
<u> </u>	IK and the second					1
	If mitigation		I F	For mitigation as:	sessment areas	
Delta = [with-current]	Time lag (t-factor) =					
average =-0.084	Risk factor =		RFG =	= delta/(t-factor x	(risk) =	

County	Type	MP_ Wetland ID	FLUCCS Impact Type	UMAM	Impact Acreage
Madison	Wetland	68.2 W-EE-116B	631 Temp Construction	0.3	0.003
Madison	Wetland	77.6 W-EE-126	630 Temp Construction	0.53	0.151
Madison	Wetland	83.2 W-EE-140A	630 Temp Construction	0.6	0.578
Jefferson	Wetland	83.9 W-EE-140B	630 Temp Construction	0.6	0.126
Jefferson	Wetland	87.5 W-EE-157	630 Temp Construction	0.53	0.029
Jefferson	Wetland	87.6 W-EE-159A	630 Temp Construction	0.53	0.040
Madison	Wetland	78.1 W-EE-AA-006	630 Temp Construction	0.4	0.012
Madison	Wetland	78.1 W-EE-AA-007	630 Temp Construction	0.4	0.004
Madison	Wetland	78.1 W-EE-AA-008	630 Temp Construction	0.4	0.033
Madison	Wetland	0 W-EE-AA-012	630 Temp Construction	0.53	0.393
Jefferson	Wetland	0 W-EE-AA-015A	630 Temp Construction	0.53	0.029
Jefferson	Wetland	0 W-EE-AA-015B	630 Temp Construction	0.53	0.011
Jefferson	Wetland	0 W-EE-AA-016	630 Temp Construction	0.4	0.046
Gadsden	Wetland	0 W-GOL-AA-356	630 Temp Construction	0.63	0.112
					1.568

Site/Project Name			Application Number		Assessment Area Name or Number		
				Foi	rested Wetla	nds	
	wer Comp Iorida Res	any iliency Connection	See Attached List D		ist D		
Impact or Mitigation		•	Assessment conducted by:	Ass	essment date	e:	
Impact - 0	Conversior	n to Herbaceous	Golder, ECT and E&E	<u> </u>			
Scoring Guidance		Optimal (10)	Moderate(7)	Minima	al (4)	Not Presen	it (0)
The scoring of each indicator is based on		Condition is optimal and	Condition is less than optimal, but sufficient to	Minimal level of	of support of	Condition is insu	ufficient to
what would be suitable		fully supports wetland/surface water	maintain most	wetland/surf		provide wetland	
for the type of wetland		functions	wetland/surface	function	ons	water funct	ions
surface water assesse	ed		waterfunctions				
500(6)(a) Location	n and	Location and landscape s	upport variable is reduced sli	abtly due to adiac	ont transmis	cion line and curre	ounding
.500(6)(a) Location Landscape Supp		agricultural, silvicultural, an	upport variable is reduced sli d industrial activities. Individu	ual parameter sco	res: a) suppo	ort to wildlife listed	in Part 1
		by outside habitat = 8; b) in	nvasive exotic species = 8; c) wildlife access to	o and from ou	utside = 7 (reduce	d due to
Range 3 -8; Avera	age 5.97		ces); d) functions that benefit in Part I by outside land uses				
w/o pres or	*		area = 8; g) dependency on d	,	-		··· -··
current	with						
av= 5.97	av=4.81						
.500(6)(b)Water Envi	ronment		ality are appropriate for this t				
(n/a for upland	s)		ual parameter scores: a) water levels and flows = 9; b) water level indicators = 8; c) soil or deposition = 8; e) evidence of fire history = N/A; f) vegetation community zonation =				
Dange 2 O. Avers	- C 1C	7 (some reduction due to lir	imited recrutiment of canopy species); g) hydrologic stress on vegetation = 8; h) use by cific hydrologic requirements = 8; i) vegetative species tolerant of and associated with = 8; j) direct observation of water quality = 8; k) existing water quality data = N/A; l) water				
Range 3 -8; Averag	ge 6.46						
w/o pres or		water quality degradation = 0	depth, wave energy, current		-	quality data = 14/7	A, I) Water
current	with						
av=6.46	6.46						
.500(6)(c)Community	structure						
			s typically dominated by large				
Vegetation an	ıd/or	1 0 / 1	proundcover. Recruitment of on the canopy, shrub, or groun	. , ,	0	•	,
Vegetation an Senthic Comm		species = 8 (only minor in	nfestations); c) regeneration	and recruitment =	7; d) age and	d size distribution	= 7; e)
Range 3 -8; Avera	ge 5.87		e woody debris, snag, den, a nic features = N/A; siltation o				
w/o pres or		, assess o, ii) topograpi		I/A		P.G.// OO//////	
current	with						
av=5.87	av=2.98						
		,					7
Score = sum of above sco		If preservation as mitig	ation,	For i	impact asses	sment areas	
uplands, divide by 20) current		Preservation adjustme	nt factor =	FL = delt	ta x acres		
or w/o pres	with	Adjusted mitigation del	ta =	= 0.1	4 x 91.628= '	12.828	
av=.61 6	av=.475	,					j
		If mitigation	 1				1
Delta = [with-curr	entl	Time lag (t-factor) =		For m	itigation asse	essment areas	
				RFG = de	lta/(t-factor x	risk) =	
av= -0.1	4	Risk factor =			•	,	I

County	Type	MP_ Wetland ID	FLUCCS Impact Type	UMAM	Impact Acreage
Columbia	Type Wetland	5.7 W-ECT-017	630 Perm Conversion	0.47	0.002
Columbia	Wetland	7.5 W-ECT-017	630 Perm Conversion	0.47	0.431
Columbia	Wetland	8.3 W-ECT-022	630 Perm Conversion	0.47	0.308
Columbia	Wetland	11.7 W-ECT-038	630 Perm Conversion	0.57	0.697
Columbia	Wetland	13.8 W-ECT-041	630 Perm Conversion	0.57	0.080
Suwannee	Wetland	25.6 W-ECT-052A	630 Perm Conversion	0.63	0.125
Suwannee	Wetland	25.6 W-ECT-052B	630 Perm Conversion	0.63	0.123
Suwannee	Wetland	26.7 W-ECT-057_2	630 Perm Conversion	0.63	0.010
Suwannee	Wetland	26.7 W-ECT-057_2 26.7 W-ECT-057_3	630 Perm Conversion	0.57	0.016
Suwannee	Wetland	27.1 W-ECT-060_1	630 Perm Conversion	0.63	0.069
Suwannee	Wetland	35.6 W-ECT-076	630 Perm Conversion	0.43	1.296
Suwannee	Wetland	40.9 W-ECT-079	630 Perm Conversion	0.33	0.163
Suwannee	Wetland	41.2 W-ECT-081	630 Perm Conversion	0.33	0.390
Suwannee	Wetland	50.4 W-ECT-088	630 Perm Conversion	0.57	1.545
Jefferson	Wetland	96.2 W-ECT-AA-025B	630 Perm Conversion	0.57	0.000
Jefferson	Wetland	106.1 W-ECT-N-216D_3	630 Perm Conversion	0.8	0.466
Jefferson	Wetland	106.8 W-ECT-N-216G_2	630 Perm Conversion	0.8	2.241
Leon	Wetland	111.6 W-ECT-N-241_4	630 Perm Conversion	0.7	2.631
Leon	Wetland	114.1 W-ECT-N-243A_2	630 Perm Conversion	0.7	1.862
Leon	Wetland	113.8 W-ECT-N-243B	630 Perm Conversion	0.7	0.086
Leon	Wetland	113.4 W-ECT-N-243D	630 Perm Conversion	0.7	1.366
Leon	Wetland	112.9 W-ECT-N-243E_2	630 Perm Conversion	0.7	1.454
Leon	Wetland	115.8 W-ECT-N-259_4	630 Perm Conversion	0.7	0.841
Leon	Wetland	116.2 W-ECT-N-261_3	630 Perm Conversion	0.67	0.317
Madison	Wetland	63.1 W-EE-102A	630 Perm Conversion	0.4	0.048
Madison	Wetland	63.1 W-EE-102C	630 Perm Conversion	0.4	0.049
Madison	Wetland	63.5 W-EE-103	630 Perm Conversion	0.47	0.143
Madison	Wetland	64.2 W-EE-105	630 Perm Conversion	0.43	1.753
Madison	Wetland	64.6 W-EE-106	630 Perm Conversion	0.47	0.759
Madison	Wetland	64.9 W-EE-107B	630 Perm Conversion	0.47	0.293
Madison	Wetland	77.6 W-EE-126	630 Perm Conversion	0.53	2.252
Madison	Wetland	78 W-EE-127	630 Perm Conversion	0.3	0.097
Madison	Wetland	82 W-EE-136	630 Perm Conversion	0.57	0.488
Madison	Wetland	82.4 W-EE-137	630 Perm Conversion	0.57	0.644
Madison	Wetland	83.2 W-EE-140A	630 Perm Conversion	0.6	4.963
Jefferson	Wetland	83.9 W-EE-140B	630 Perm Conversion	0.6	1.433
Jefferson	Wetland	84.2 W-EE-142A	630 Perm Conversion	0.8	0.348
Jefferson	Wetland	87.6 W-EE-159A	630 Perm Conversion	0.53	0.469
Jefferson	Wetland	87.9 W-EE-160	630 Perm Conversion	0.53	0.130
Jefferson	Wetland	91.4 W-EE-176	630 Perm Conversion	0.53	0.960
Jefferson	Wetland	91.8 W-EE-180A	630 Perm Conversion	0.5	0.112
Jefferson	Wetland	91.8 W-EE-180B	630 Perm Conversion	0.5	0.078
Jefferson	Wetland	91.9 W-EE-182	630 Perm Conversion	0.5	0.165
Jefferson	Wetland	92 W-EE-184A	630 Perm Conversion	0.57	0.453
Jefferson	Wetland	92.1 W-EE-184B	630 Perm Conversion	0.57	0.423
Jefferson	Wetland	92.2 W-EE-187	630 Perm Conversion	0.53	0.436
Jefferson	Wetland	94.5 W-EE-197	630 Perm Conversion	0.43	0.058
Jefferson	Wetland	95.1 W-EE-198A	630 Perm Conversion	0.3	0.017
Leon	Wetland	126.8 W-GOL-272B	630 Perm Conversion	0.77	0.055
Leon	Wetland	128.8 W-GOL-276D	630 Perm Conversion	0.73	0.000
Leon	Wetland	128.9 W-GOL-277A	630 Perm Conversion	0.77	0.062
Leon	Wetland	131.1 W-GOL-278B	630 Perm Conversion	0.73	0.056
Leon	Wetland	132.5 W-GOL-279A	630 Perm Conversion	0.73	0.779
Leon	Wetland	133.2 W-GOL-280A	630 Perm Conversion	0.73	0.041

Leon	Wetland	134.2 W-GOL-280C	630 Perm Conversion	0.73	0.004
Leon	Wetland	135 W-GOL-285A_2	630 Perm Conversion	0.6	0.112
Leon	Wetland	135.2 W-GOL-287A_2	630 Perm Conversion	0.73	0.013
Leon	Wetland	135.4 W-GOL-288_1	630 Perm Conversion	0.73	0.292
Leon	Wetland	135.6 W-GOL-289_1	630 Perm Conversion	0.73	0.047
Leon	Wetland	135.7 W-GOL-290_1	630 Perm Conversion	0.73	0.153
Leon	Wetland	136.7 W-GOL-292	630 Perm Conversion	0.7	0.273
Leon	Wetland	137 W-GOL-293	630 Perm Conversion	0.6	0.165
Leon	Wetland	137 W-GOL-294	630 Perm Conversion	0.63	0.528
Leon	Wetland	137.3 W-GOL-295	630 Perm Conversion	0.6	0.285
Leon	Wetland	137.6 W-GOL-296A	630 Perm Conversion	0.57	0.062
Gadsden	Wetland	137.6 W-GOL-296B	630 Perm Conversion	0.57	0.021
Gadsden	Wetland	138 W-GOL-298	630 Perm Conversion	0.57	0.268
Gadsden	Wetland	138.4 W-GOL-300	630 Perm Conversion	0.57	1.517
Gadsden	Wetland	139.3 W-GOL-303	630 Perm Conversion	0.57	0.066
Gadsden	Wetland	139.6 W-GOL-304B	630 Perm Conversion	0.57	0.173
Gadsden	Wetland	139.7 W-GOL-306	630 Perm Conversion	0.57	0.088
Gadsden	Wetland	139.9 W-GOL-307A	630 Perm Conversion	0.63	1.531
Gadsden	Wetland	140.7 W-GOL-308A	630 Perm Conversion	0.57	0.071
Gadsden	Wetland	141.1 W-GOL-309B	630 Perm Conversion	0.57	0.436
Gadsden	Wetland	141.3 W-GOL-309C	630 Perm Conversion	0.57	0.763
Gadsden	Wetland	141.9 W-GOL-310A	630 Perm Conversion	0.67	0.505
Gadsden	Wetland	142.1 W-GOL-311	630 Perm Conversion	0.67	0.018
Gadsden	Wetland	142.5 W-GOL-312	630 Perm Conversion	0.67	0.713
Gadsden	Wetland	143.1 W-GOL-313A	630 Perm Conversion	0.7	0.491
Gadsden	Wetland	144 W-GOL-314	630 Perm Conversion	0.7	0.521
Gadsden	Wetland	144.1 W-GOL-315	630 Perm Conversion	0.7	0.198
Gadsden	Wetland	144.2 W-GOL-316	630 Perm Conversion	0.7	0.196
Gadsden	Wetland	144.5 W-GOL-317B	630 Perm Conversion	0.7	0.494
Gadsden	Wetland	144.8 W-GOL-318B	630 Perm Conversion	0.7	0.210
Gadsden	Wetland	145.14 W-GOL-319B	630 Perm Conversion	0.7	0.115
Gadsden	Wetland	145.2 W-GOL-320	630 Perm Conversion	0.7	0.023
Gadsden	Wetland	145.4 W-GOL-321A	630 Perm Conversion	0.8	2.948
Gadsden	Wetland	145.9 W-GOL-322B	630 Perm Conversion	0.7	0.296
Gadsden	Wetland	146.2 W-GOL-323	630 Perm Conversion	0.7	0.099
Gadsden	Wetland	146.6 W-GOL-324	630 Perm Conversion	0.7	0.107
Gadsden	Wetland	146.8 W-GOL-325B	630 Perm Conversion	0.7	0.145
Gadsden	Wetland	147.8 W-GOL-328B	630 Perm Conversion	0.7	1.596
Gadsden	Wetland	150.6 W-GOL-332	630 Perm Conversion	0.7	0.433
Gadsden	Wetland	150.7 W-GOL-333	630 Perm Conversion	0.7	0.072
Gadsden	Wetland	150.8 W-GOL-334	630 Perm Conversion	0.7	2.074
Gadsden	Wetland	151.4 W-GOL-335	630 Perm Conversion	0.67	0.799
Gadsden	Wetland	152.2 W-GOL-336A	630 Perm Conversion	0.67	1.858
Gadsden	Wetland	152.9 W-GOL-337B	630 Perm Conversion	0.6	1.763
Gadsden	Wetland	154 W-GOL-338B	630 Perm Conversion	0.6	0.666
Gadsden	Wetland	154.5 W-GOL-339	630 Perm Conversion	0.6	0.626
Gadsden	Wetland	156.2 W-GOL-340A	630 Perm Conversion	0.6	1.669
Gadsden	Wetland	157.2 W-GOL-342A	630 Perm Conversion	0.63	1.059
Gadsden	Wetland	157.6 W-GOL-343	630 Perm Conversion	0.6	0.437
Gadsden	Wetland	157.9 W-GOL-344	630 Perm Conversion	0.6	2.130
Gadsden	Wetland	158.3 W-GOL-346A	630 Perm Conversion	0.6	3.716
Gadsden	Wetland	158.8 W-GOL-346B	630 Perm Conversion	0.6	0.005
Gadsden	Wetland	159 W-GOL-347A	630 Perm Conversion	0.6	2.120
Gadsden	Wetland	158.9 W-GOL-347C	630 Perm Conversion	0.6	0.106
Gadsden	Wetland	158.8 W-GOL-348	630 Perm Conversion	0.57	0.360

Gadsden	Wetland	158.9 W-GOL-349	630 Perm Conversion	0.57	0.052
Gadsden	Wetland	160.5 W-GOL-352B	630 Perm Conversion	0.63	0.157
Gadsden	Wetland	160.8 W-GOL-354	630 Perm Conversion	0.63	0.048
Gadsden	Wetland	161.6 W-GOL-357	630 Perm Conversion	0.63	0.508
Gadsden	Wetland	161.9 W-GOL-358A	630 Perm Conversion	0.63	0.039
Gadsden	Wetland	161.9 W-GOL-358B	630 Perm Conversion	0.63	0.001
Gadsden	Wetland	162.2 W-GOL-361B	630 Perm Conversion	0.63	0.043
Gadsden	Wetland	162.2 W-GOL-361C	630 Perm Conversion	0.63	0.035
Gadsden	Wetland	163 W-GOL-362A	630 Perm Conversion	0.63	0.470
Gadsden	Wetland	163 W-GOL-362B	630 Perm Conversion	0.63	0.034
Gadsden	Wetland	163.4 W-GOL-364A	630 Perm Conversion	0.63	0.013
Gadsden	Wetland	163.4 W-GOL-364B	630 Perm Conversion	0.63	0.164
Gadsden	Wetland	163.4 W-GOL-364C	630 Perm Conversion	0.63	0.023
Gadsden	Wetland	163.8 W-GOL-366A	630 Perm Conversion	0.63	0.096
Gadsden	Wetland	163.8 W-GOL-366B	630 Perm Conversion	0.63	0.042
Gadsden	Wetland	164 W-GOL-368A	630 Perm Conversion	0.63	0.033
Gadsden	Wetland	164 W-GOL-368B	630 Perm Conversion	0.63	0.538
Gadsden	Wetland	164.3 W-GOL-369A	630 Perm Conversion	0.63	0.009
Gadsden	Wetland	164.3 W-GOL-369B	630 Perm Conversion	0.63	0.030
Gadsden	Wetland	164.7 W-GOL-373A	630 Perm Conversion	0.63	1.390
Gadsden	Wetland	165.4 W-GOL-373B	630 Perm Conversion	0.6	0.047
Gadsden	Wetland	165.9 W-GOL-373C	630 Perm Conversion	0.63	0.581
Gadsden	Wetland	166.2 W-GOL-373D	630 Perm Conversion	0.63	0.072
Gadsden	Wetland	166.4 W-GOL-373E	630 Perm Conversion	0.63	0.226
Gadsden	Wetland	167 W-GOL-374A	630 Perm Conversion	0.63	0.272
Gadsden	Wetland	167.6 W-GOL-374B	630 Perm Conversion	0.63	0.053
Gadsden	Wetland	167.8 W-GOL-374C	630 Perm Conversion	0.63	0.025
Gadsden	Wetland	168.3 W-GOL-374D	630 Perm Conversion	0.63	0.157
Gadsden	Wetland	168.5 W-GOL-374E	630 Perm Conversion	0.63	0.019
Gadsden	Wetland	168.6 W-GOL-375	630 Perm Conversion	0.63	0.233
Gadsden	Wetland	168.7 W-GOL-376	630 Perm Conversion	0.63	0.049
Gadsden	Wetland	168.8 W-GOL-376A	630 Perm Conversion	0.63	0.052
Gadsden	Wetland	169 W-GOL-377A	630 Perm Conversion	0.63	3.983
Gadsden	Wetland	170.1 W-GOL-380A	630 Perm Conversion	0.63	4.860
Jackson	Wetland	170.8 W-GOL-380B	630 Perm Conversion	0.63	3.237
Jackson	Wetland	171.4 W-GOL-382	630 Perm Conversion	0.63	2.447
Madison	Wetland	81.6 W-EE-134A	631 Perm Conversion	0.57	0.648
Jefferson	Wetland	91.3 W-EE-175B	631 Perm Conversion	0.73	0.106
Jackson	Wetland	172.1 W-GOL-383	630 Perm Conversion	0.63	0.084
Jefferson	Wetland	91.6 W-EE-177A	631 Perm Conversion	0.47	0.094
Jackson	Wetland	172.1 W-GOL-384A	630 Perm Conversion	0.63	0.242
Jefferson	Wetland	91.6 W-EE-177B	631 Perm Conversion	0.47	0.063
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Site/Project Name		Application Number	Asse	ssment Area Name or Nur	nber
Gulf Power Comp North Florida Res	•			ed Forested Wetland (FLI	
Impact or Mitigationnection		Assessment conducted by:	Asse	ssment date:	
Impact	- Fill	Golder, ECT and E	:&E	4/22/2019	
Scoring Guidance	Optimal (10)	Moderate(7)	Minimal	(4) Not Pres	sent (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	Minimal level of wetland/surfa functio	support of Condition is i ce water provide wetl	insufficient to and/surface
.500(6)(a) Location and Landscape Support Range 3 -8; w/o pres or current with 0	agricultural, silvicultural, ar by outside habitat = 8; b) roads, farmfields, and fen impacts to wildlife listed	support variable is reduced slig d industrial activities. Individu invasive exotic species = 8; c) ces); d) functions that benefit in Part I by outside land uses area = 8; g) dependency on de	al parameter scor wildlife access to fish and wildlife do = 6; f) Hydrologica	es: a) support to wildlife lis and from outside = 7 (redu ownstream-distance or barr ally connected areas down	ted in Part 1 uced due to riers = 8; e)
.500(6)(b)Water Environment (n/a for uplands) Range 3 -8; w/o pres or current with 7	the Escambia River. Individ moisture = 8; d) soil erosion 7 (some reduction due to li animal species with spec	uality are appropriate for this ty ual parameter scores: a) wate or deposition = 8; e) evidence mited recrutiment of canopy spific hydrologic requirements = 8; j) direct observation of wate depth, wave energy, currents	r levels and flows e of fire history = N pecies); g) hydrolo 8; i) vegetative sp er quality = 8; k) ex	 = 9; b) water level indicator J/A; f) vegetation community gic stress on vegetation = vecies tolerant of and associating water quality data = 	ors = 8; c) soil ity zonation = 8; h) use by ciated with
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community Range 3 -8; w/o pres or current with 6	and saplings, and sparse of plant community species is species = 8 (only minor idensity and quality of coarse	s typically dominated by large groundcover. Recruitment of c n the canopy, shrub, or ground nfestations); c) regeneration a se woody debris, snag, den, at hic features = N/A; siltation or N/	canopy layer is ma d stratum = 7; b) in and recruitment = nd cavity = 7; f) pl algal growth in su	rginal. Individual paramate nvasive exotics or other inv 7; d) age and size distributi ant condition = 8; g) land n	er scores: a) vasive plant ion = 7; e) nanagement
Score = sum of above scores/30 (if	If preservation as mitig	gation,	For in	npact assessment areas	
uplands, divide by 20) current or w/o pres with	Preservation adjustme Adjusted mitigation de		FL = delta	x acres =0.62 x 0.107= 0.	066
Av= 0.62 0	Aujusteu miligation de	iia –			
	III mailine chi a sa				
	If mitigation		For mit	igation assessment areas	
Delta = [with-current]	Time lag (t-factor) =		D=0 :::	W.5	\dashv
-0.62	Risk factor =		RFG = delf	a/(t-factor x risk) =	

County	Type	MP_ Wetland ID	FLUCCS Im	npact Type	UMAM	Impact Acreage
Columbia	Wetland	7.5 W-ECT-020	630 Pe	erm Fill	0.47	0.002
Columbia	Wetland	8.3 W-ECT-022	630 Pe	erm Fill	0.57	0.001
Columbia	Wetland	11.7 W-ECT-038	630 Pe		0.57	0.001
Suwannee	Wetland	25.6 W-ECT-052A	630 Pe		0.63	0.000
Suwannee	Wetland	35.6 W-ECT-076	630 Pe		0.43	0.001
Suwannee	Wetland	50.4 W-ECT-088	630 Pe		0.57	0.003
Jefferson	Wetland	106.1 W-ECT-N-216D_3	630 Pe		0.8	0.001
Jefferson	Wetland	106.8 W-ECT-N-216G_2	630 Pe		0.8	0.003
Leon	Wetland	111.6 W-ECT-N-241_4	630 Pe		0.7	0.003
Leon	Wetland	114.1 W-ECT-N-243A_2	630 Pe		0.7	0.002
Leon	Wetland	113.4 W-ECT-N-243D	630 Pe		0.7	0.001
Leon	Wetland	115.8 W-ECT-N-259_4	630 Pe		0.7	0.003
Leon	Wetland	116.2 W-ECT-N-261_3	630 Pe		0.67	0.001
Madison Madison	Wetland Wetland	64.2 W-EE-105 77.6 W-EE-126	630 Pe 630 Pe		0.43 0.53	0.002 0.003
Madison	Wetland	83.2 W-EE-140A	630 Pe		0.55	0.003
Jefferson	Wetland	83.9 W-EE-140B	630 Pe		0.6	0.007
Jefferson	Wetland	87.6 W-EE-159A	630 Pe		0.53	0.002
Jefferson	Wetland	91.4 W-EE-176	630 Pe		0.53	0.002
Jefferson	Wetland	92.1 W-EE-184B	630 Pe		0.53	0.001
Jefferson	Wetland	92.2 W-EE-187	630 Pe		0.53	0.001
Leon	Wetland	132.5 W-GOL-279A	630 Pe		0.73	0.002
Leon	Wetland	137 W-GOL-294	630 Pe		0.63	0.001
Gadsden	Wetland	138.4 W-GOL-300	630 Pe		0.57	0.002
Gadsden	Wetland	139.6 W-GOL-304B	630 Pe		0.57	0.001
Gadsden	Wetland	139.9 W-GOL-307A	630 Pe		0.63	0.001
Gadsden	Wetland	141.1 W-GOL-309B	630 Pe	erm Fill	0.57	0.001
Gadsden	Wetland	141.3 W-GOL-309C	630 Pe	erm Fill	0.57	0.001
Gadsden	Wetland	145.4 W-GOL-321A	630 Pe	erm Fill	0.8	0.003
Gadsden	Wetland	147.8 W-GOL-328B	630 Pe	rm Fill	0.7	0.001
Gadsden	Wetland	150.6 W-GOL-332	630 Pe	erm Fill	0.7	0.001
Gadsden	Wetland	150.8 W-GOL-334	630 Pe	erm Fill	0.7	0.002
Gadsden	Wetland	151.4 W-GOL-335	630 Pe		0.67	0.001
Gadsden	Wetland	152.2 W-GOL-336A	630 Pe		0.67	0.002
Gadsden	Wetland	152.9 W-GOL-337B	630 Pe		0.6	0.002
Gadsden	Wetland	156.2 W-GOL-340A	630 Pe		0.6	0.002
Gadsden	Wetland	157.9 W-GOL-344	630 Pe		0.6	0.003
Gadsden	Wetland	158.3 W-GOL-346A	630 Pe		0.6	0.006
Gadsden	Wetland	159 W-GOL-347A	630 Pe		0.6	0.002
Gadsden	Wetland	164.7 W-GOL-373A	630 Pe		0.63	0.001
Gadsden	Wetland	165.9 W-GOL-373C	630 Pe		0.63	0.001
Gadsden	Wetland	169 W-GOL-377A	630 Pe		0.63	0.005
Gadsden	Wetland	170.1 W-GOL-380A	630 Pe		0.63	0.008
Jackson	Wetland	170.8 W-GOL-380B 171.4 W-GOL-382	630 Pe		0.63	0.006
Jackson	Wetland	1/1.4 W-GUL-382	630 Pe	am em	0.63	0.003 0.107
						0.107