WETLAND VALUE ASSESSMENT COMMUNITY MODEL
Fresh/Intermediate Marsh

Project..... Clear Marais/GIWW Shoreline Protection
(PCS-27)
Condition: Future Without Project

Marsh type acres:
Fresh..... 4637
Intermediate..

Variable		TY 0 Value	TY 0 SI	TY 1 Value	TY 1 SI	TY 10 Value	TY 10 SI
V1	% Emergent	44	0.50	44	0.50	28	0.35
V2	% Aquatic	100	1.00	100	1.00	10	0.19
V3	Interspersion	%		%		%	
	Class 1		0.60		0.60		0.30
	Class 2	100		100			
	Class 3					50	
	Class 4					50	
	Class 5						
V4	Hydrology	%		%		%	
	Class 1		1.00		1.00		1.00
	Class 2						
	Class 3	100		100		100	
	Class 4						
V5	%OW <= 1.5ft	75	0.85	75	0.85	50	0.60
V6	Salinity (ppt)						
	fresh	0	1.00	0	1.00		0.60
	intermediate					6	
V7	Access Value	0.00	0.30	0.00	0.30	1.00	1.00
		HSI =	0.67	HSI =	0.67	HSI =	0.42

Project..... Clear Marais/GIWW Shoreline Protection
FWOP

Variable		TY 20 Value	TY 20 SI	Value	SI	Value	SI
V1	% Emergent	22	0.30				
V2	% Aquatic	10	0.19				
V3	Interspersion	%		%		%	
	Class 1		0.25				
	Class 2						
	Class 3	25					
	Class 4	75					
	Class 5						
V4	Hydrology	%		%		%	
	Class 1		1.00				
	Class 2						
	Class 3	100					
	Class 4						
V5	%OW <= 1.5ft	30	0.40				
V6	Salinity (ppt)						
	fresh		0.60				
	intermediate	6					
V7	Access Value	1.00	1.00				
		HSI =	0.38	HSI =		HSI =	

WETLAND VALUE ASSESSMENT COMMUNITY MODEL
Fresh/Intermediate Marsh

Project.....Clear Marais/GIWW Shoreline Protection
(PCS-27)
Condition: Future With Project

Marsh type acres:
Fresh..... 4637
Intermediate..

Variable		TY 0 Value	TY 0 SI	TY 1 Value	TY 1 SI	TY 10 Value	TY 10 SI
V1	% Emergent	44	0.50	44	0.50	45	0.51
V2	% Aquatic	100	1.00	100	1.00	100	1.00
V3	Interspersion	%		%		%	
	Class 1		0.60		0.60		0.60
	Class 2	100		100		100	
	Class 3						
	Class 4						
	Class 5						
V4	Hydrology	%		%		%	
	Class 1		1.00		1.00		1.00
	Class 2						
	Class 3	100		100		100	
	Class 4						
V5	%OW <= 1.5ft	75	0.85	75	0.85	75	0.85
V6	Salinity (ppt)						
	fresh	0	1.00	0	1.00	0	1.00
	intermediate						
V7	Access Value	0.00	0.30	0.00	0.30	0.00	0.30
		HSI =	0.67	HSI =	0.67	HSI =	0.68

Project.....Clear Marais/GIWW Shoreline Protection
FWP

Variable		TY 20 Value	TY 20 SI	Value	SI	Value	SI
V1	% Emergent	45	0.51				
V2	% Aquatic	100	1.00				
V3	Interspersion	%		%		%	
	Class 1		0.60				
	Class 2	100					
	Class 3						
	Class 4						
	Class 5						
V4	Hydrology	%		%		%	
	Class 1		1.00				
	Class 2						
	Class 3	100					
	Class 4						
V5	%OW <= 1.5ft	75	0.85				
V6	Salinity (ppt)						
	fresh	0	1.00				
	intermediate						
V7	Access Value	0.00	0.30				
		HSI =	0.68	HSI =		HSI =	

AAHU CALCULATION

Project: Clear Marais/GIWW Shoreline Protection (PCS–27)

Future With Project			Total	Cummulative
TY	Acres	x HSI	HU's	HU's
0	4637	0.67	3114.23	
1	4637	0.67	3114.23	3114.23
10	4637	0.68	3131.08	28103.88
20	4637	0.68	3131.08	31310.76
			AAHU's =	3126.44

Future Without Project			Total	Cummulative
TY	Acres	x HSI	HU's	HU's
0	4637	0.67	3114.23	
1	4637	0.67	3114.23	3114.23
10	4637	0.42	1946.67	22774.07
20	4637	0.38	1746.09	18463.84
			AAHU's	2217.61

NET CHANGE IN AAHU'S DUE TO PROJECT	
A. Future With Project AAHU's =	3126.44
B. Future Without Project AAHU's =	2217.61
Net Change (FWP – FWOP) =	908.84