

APPENDIX C
ENVIRONMENTAL SENSITIVITY INDEX

Table C-1. Physical and biological features found within each grid cell in the environmental sensitivity index.

Column	Row	Avian Density Rank 2	Avian Density Rank 4	Avian Density Rank 6	Essential Fish Habitat Rank 1	Essential Fish Habitat Rank 2	Essential Fish Habitat Rank 3	MM Density (Non T&E) Rank 1	MM Density (Non T&E) Rank 2	MM Density (Non T&E) Rank 3	MM Density (T&E) Rank 1	MM Density (T&E) Rank 2	MM Density (T&E) Rank 3	Sea Turtle SPUE Rank 1	Sea Turtle SPUE Rank 2	Sea Turtle SPUE Rank 3	Shoals Rank 1	Recreational Fishing Rank 1	Commercial Fisheries Rank 1	MPA Rank 1	Obstructions No Build	Pipelines No Build	Shipping Lanes No Build	Traffic Separation Zone No Build	Shipwrecks No Build	Tug Barge Transit Route No Build	Utility Cables No Build
A	20	X	X		X	X			X		X				X				X								
A	21	X	X	X	X	X			X		X	X			X			X	X			X					
A	22	X	X	X		X		X	X		X	X			X		X		X				X				
B	18		X	X	X	X				X	X				X			X	X					X			
B	19	X	X	X	X	X			X	X	X	X		X	X			X	X			X		X			
B	20	X	X	X	X	X		X	X	X	X	X			X			X	X		X		X				
B	21	X	X	X		X		X	X		X	X			X		X	X	X	X		X			X		
B	22	X	X	X		X		X	X		X	X			X		X	X	X	X				X	X	X	
B	23	X				X		X	X		X	X	X		X		X		X	X				X		X	
C	16		X		X					X	X				X												
C	17	X	X	X	X	X			X	X	X	X			X			X					X	X			
C	18	X	X	X	X	X		X	X	X	X	X			X		X	X	X								
C	19	X	X	X		X		X	X	X		X			X		X	X	X	X				X			
C	20	X	X	X		X		X	X		X	X			X			X	X	X				X		X	
C	21	X	X	X		X		X	X		X	X			X		X		X	X					X	X	
C	22	X	X	X		X	X	X	X		X	X	X		X		X	X	X	X				X	X	X	
C	23	X	X			X	X	X	X		X	X			X		X	X	X	X							
C	24	X	X				X	X			X	X			X	X	X	X	X	X				X			
D	16	X	X	X	X	X			X	X	X	X	X		X												
D	17	X	X	X	X	X		X	X	X		X	X		X								X	X			
D	18	X	X			X		X	X		X	X			X		X	X	X	X				X			
D	19	X	X	X		X		X	X		X	X			X		X	X	X	X					X		
D	20	X	X			X		X	X		X	X			X		X	X	X	X		X		X		X	
D	21	X	X			X	X	X	X		X	X			X		X	X	X	X						X	
D	22	X	X			X	X	X			X	X	X		X	X	X	X	X	X				X			
D	23	X	X				X	X			X	X			X	X	X	X	X	X		X					
D	24	X	X				X	X			X	X			X	X	X	X	X	X				X			
D	25	X					X	X			X	X				X		X	X	X							
E	15	X	X	X	X	X			X	X	X	X			X			X	X					X			
E	16		X	X	X	X		X	X	X	X	X			X				X			X			X		
E	17	X	X	X		X		X	X		X	X			X				X	X					X		
E	18	X	X	X		X	X	X	X		X	X			X		X	X	X	X				X			
E	19	X	X	X		X	X	X	X		X	X			X		X	X	X	X					X	X	

Table C-1 (continued). Physical and biological features found within each grid cell in the environmental sensitivity index.

Column	Row	Avian Density Rank 2	Avian Density Rank 4	Avian Density Rank 6	Essential Fish Habitat Rank 1	Essential Fish Habitat Rank 2	Essential Fish Habitat Rank 3	MM Density (Non T&E) Rank 1	MM Density (Non T&E) Rank 2	MM Density (Non T&E) Rank 3	MM Density (T&E) Rank 1	MM Density (T&E) Rank 2	MM Density (T&E) Rank 3	Sea Turtle SPUE Rank 1	Sea Turtle SPUE Rank 2	Sea Turtle SPUE Rank 3	Shoals Rank 1	Recreational Fishing Rank 1	Commercial Fisheries Rank 1	MPA Rank 1	Obstructions No Build	Pipelines No Build	Shipping Lanes No Build	Traffic Separation Zone No Build	Shipwrecks No Build	Tug Barge Transit Route No Build	Utility Cables No Build	
E	20	X	X	X		X	X	X	X			X			X	X	X	X	X	X	X		X		X	X		
E	21	X	X			X	X	X	X			X	X		X	X	X	X	X	X	X							
E	22	X	X				X	X				X	X		X	X	X	X	X	X	X			X		X		
E	23	X	X				X	X	X			X	X			X	X	X	X	X	X	X						
E	24	X	X	X			X	X	X			X	X			X		X	X	X	X			X		X		
E	25	X	X	X			X	X	X				X			X		X	X	X	X							
E	26	X	X				X		X			X	X			X	X		X	X	X							
F	14	X	X	X	X	X			X		X			X	X			X	X				X			X		
F	15	X	X	X	X	X		X	X			X	X	X	X			X	X			X	X	X		X		
F	16	X	X	X		X		X	X			X	X	X	X				X			X						
F	17	X	X			X		X	X			X	X		X				X	X	X					X		
F	18	X	X			X	X	X	X			X	X		X		X	X	X	X	X			X		X	X	
F	19	X	X				X	X	X			X			X	X	X	X	X	X	X						X	
F	20	X					X	X	X			X			X	X	X	X	X	X	X			X				
F	21	X					X	X	X			X				X		X	X	X	X	X						
F	22	X	X				X	X	X	X		X	X			X		X	X	X	X			X				
F	23	X	X				X	X	X			X	X			X	X	X	X	X	X							
F	24	X	X				X		X	X		X	X			X			X	X	X			X				
F	25	X	X	X			X		X	X			X			X	X	X	X	X	X							
F	26	X	X	X			X		X	X			X			X	X	X	X	X	X			X				
F	27	X					X			X		X	X			X					X							
G	13	X	X	X	X			X	X		X				X			X						X				
G	14	X	X	X	X	X		X	X		X	X	X	X	X			X	X			X				X		
G	15	X	X	X		X		X	X			X	X	X	X			X	X			X	X	X		X		
G	16	X	X			X		X	X			X	X	X	X				X							X		
G	17	X	X			X		X	X			X	X	X	X				X	X	X	X			X	X		
G	18	X	X			X	X	X	X			X	X			X		X	X	X	X			X		X	X	
G	19	X	X				X	X	X			X			X	X		X	X	X	X	X						
G	20	X	X				X		X	X		X				X	X	X	X	X	X			X				
G	21	X					X	X	X	X		X	X			X		X	X	X	X							
G	22	X					X	X	X	X		X	X			X	X	X	X	X	X			X				
G	23	X					X		X	X		X	X			X	X	X	X	X	X							
G	24	X					X		X	X		X	X			X					X			X				

Table C-1 (continued). Physical and biological features found within each grid cell in the environmental sensitivity index.

Column	Row	Avian Density Rank 2	Avian Density Rank 4	Avian Density Rank 6	Essential Fish Habitat Rank 1	Essential Fish Habitat Rank 2	Essential Fish Habitat Rank 3	MM Density (Non T&E) Rank 1	MM Density (Non T&E) Rank 2	MM Density (Non T&E) Rank 3	MM Density (T&E) Rank 1	MM Density (T&E) Rank 2	MM Density (T&E) Rank 3	Sea Turtle SPUE Rank 1	Sea Turtle SPUE Rank 2	Sea Turtle SPUE Rank 3	Shoals Rank 1	Recreational Fishing Rank 1	Commercial Fisheries Rank 1	MPA Rank 1	Obstructions No Build	Pipelines No Build	Shipping Lanes No Build	Traffic Separation Zone No Build	Shipwrecks No Build	Tug Barge Transit Route No Build	Utility Cables No Build
G	25	X					X			X		X	X			X				X			X		X		
G	26	X					X			X		X	X			X				X			X		X		
G	27	X					X			X		X	X			X				X							
H	12	X	X		X	X		X			X				X			X	X	X	X				X		
H	13		X	X	X	X		X	X		X	X			X			X	X	X	X	X		X			
H	14	X	X	X	X	X		X			X	X	X	X	X			X	X		X				X		
H	15	X	X	X		X		X			X	X	X	X	X		X	X	X		X		X		X	X	
H	16	X	X			X		X	X			X	X		X		X	X	X						X	X	
H	17	X	X	X		X		X	X			X	X	X	X			X	X	X	X	X			X	X	
H	18	X	X	X		X	X	X	X			X			X	X	X	X	X	X	X			X			
H	19	X	X				X	X	X	X		X			X	X			X	X	X						
H	20	X					X		X	X		X				X	X	X	X	X	X	X		X			
H	21	X					X			X	X	X				X			X	X	X	X					
H	22	X					X		X	X	X	X	X			X		X	X	X	X	X					
H	23	X					X		X	X	X	X	X			X		X	X	X	X						
H	24	X					X			X	X	X	X			X		X		X				X			
H	25	X					X			X		X				X				X				X			
I	10			X	X			X	X		X				X			X	X	X	X			X			
I	11	X	X	X	X			X	X		X	X			X			X	X	X	X	X		X		X	X
I	12	X	X	X	X	X		X			X	X	X		X			X	X	X	X	X			X		
I	13	X	X	X		X		X			X	X	X	X	X		X	X	X	X				X		X	
I	14	X	X			X		X	X			X	X	X	X			X	X			X			X	X	
I	15	X	X			X		X	X			X	X	X	X			X	X			X			X	X	
I	16	X	X			X		X				X	X	X	X				X								
I	17	X	X			X	X	X				X	X		X			X	X			X					
I	18	X				X	X	X	X			X	X		X	X	X	X	X	X				X			
I	19	X					X	X	X	X		X	X			X			X								
I	20	X					X			X	X	X				X	X		X								
I	21	X	X				X			X	X	X				X	X		X								
I	22	X	X				X			X	X					X			X								
I	23	X					X			X	X					X		X									
I	24	X					X			X	X					X											
J	9		X	X	X	X		X			X	X	X		X			X	X								X

Table C-1 (continued). Physical and biological features found within each grid cell in the environmental sensitivity index.

Column	Row	Avian Density Rank 2	Avian Density Rank 4	Avian Density Rank 6	Essential Fish Habitat Rank 1	Essential Fish Habitat Rank 2	Essential Fish Habitat Rank 3	MM Density (Non T&E) Rank 1	MM Density (Non T&E) Rank 2	MM Density (Non T&E) Rank 3	MM Density (T&E) Rank 1	MM Density (T&E) Rank 2	MM Density (T&E) Rank 3	Sea Turtle SPUE Rank 1	Sea Turtle SPUE Rank 2	Sea Turtle SPUE Rank 3	Shoals Rank 1	Recreational Fishing Rank 1	Commercial Fisheries Rank 1	MPA Rank 1	Obstructions No Build	Pipelines No Build	Shipping Lanes No Build	Traffic Separation Zone No Build	Shipwrecks No Build	Tug Barge Transit Route No Build	Utility Cables No Build
J	10	X	X	X	X	X		X	X		X	X	X		X			X	X	X	X		X		X		X
J	11	X	X	X	X	X		X	X		X	X	X		X			X	X	X	X		X		X		X
J	12	X	X	X	X	X		X	X			X	X		X		X	X	X	X	X				X		X
J	13	X	X	X		X		X	X			X	X		X		X	X	X	X	X		X		X	X	
J	14	X	X			X		X	X			X	X	X	X				X		X				X	X	
J	15	X	X			X		X	X			X	X	X	X				X		X			X		X	
J	16	X	X			X	X	X				X	X		X				X		X						
J	17	X				X	X	X				X	X		X			X	X		X						
J	18	X					X	X	X	X		X	X		X	X	X	X	X					X			
J	19	X					X		X	X		X	X			X	X		X								
J	20	X					X			X	X	X				X	X		X								
J	21	X					X			X	X	X				X			X								
K	7		X	X	X	X			X			X	X		X			X	X			X					
K	8	X	X	X	X	X		X	X		X	X	X		X			X	X		X				X		
K	9	X	X	X	X	X		X				X	X	X	X			X	X		X						X
K	10	X	X	X		X		X				X	X	X	X			X	X	X	X		X				X
K	11	X	X			X		X	X			X	X	X	X				X	X	X		X			X	
K	12	X	X	X		X		X	X			X	X		X			X	X		X				X	X	
K	13	X	X	X		X		X	X			X	X		X			X	X		X			X		X	
K	14	X	X			X		X	X			X	X		X			X	X						X		
K	15	X	X			X	X	X	X			X	X		X			X	X					X		X	
K	16	X				X	X	X	X			X	X		X			X	X								
K	17	X					X	X	X			X	X		X	X			X	X					X		
K	18	X					X	X	X	X		X	X		X	X			X	X							
K	19	X					X		X	X	X	X	X			X	X	X	X								
K	20	X					X			X	X	X				X	X		X								
K	21	X					X			X		X				X			X								
L	5		X	X	X	X			X			X			X				X		X						
L	6		X	X	X	X			X		X	X	X		X			X	X		X				X		X
L	7	X	X	X	X	X			X		X	X	X		X		X	X	X			X					X
L	8	X	X	X		X		X	X			X	X	X	X				X						X	X	X
L	9	X	X	X		X		X				X	X	X	X			X	X						X	X	X
L	10	X	X			X		X				X	X	X	X			X	X		X		X		X	X	X

Table C-1 (continued). Physical and biological features found within each grid cell in the environmental sensitivity index.

Column	Row	Avian Density Rank 2	Avian Density Rank 4	Avian Density Rank 6	Essential Fish Habitat Rank 1	Essential Fish Habitat Rank 2	Essential Fish Habitat Rank 3	MM Density (Non T&E) Rank 1	MM Density (Non T&E) Rank 2	MM Density (Non T&E) Rank 3	MM Density (T&E) Rank 1	MM Density (T&E) Rank 2	MM Density (T&E) Rank 3	Sea Turtle SPUE Rank 1	Sea Turtle SPUE Rank 2	Sea Turtle SPUE Rank 3	Shoals Rank 1	Recreational Fishing Rank 1	Commercial Fisheries Rank 1	MPA Rank 1	Obstructions No Build	Pipelines No Build	Shipping Lanes No Build	Traffic Separation Zone No Build	Shipwrecks No Build	Tug Barge Transit Route No Build	Utility Cables No Build
L	11	X	X			X		X	X				X	X	X			X	X		X		X		X	X	X
L	12	X	X			X		X	X			X	X	X	X			X	X						X		
L	13	X	X	X		X		X	X			X	X		X				X				X		X		
L	14	X	X			X	X		X				X		X				X								
L	15	X				X	X	X	X			X	X		X			X	X				X				
L	16	X					X	X	X			X	X		X	X		X	X						X		
L	17	X					X		X			X	X		X	X		X	X								
L	18	X					X		X	X		X	X			X		X	X								
L	19	X					X		X	X	X	X				X			X								
L	20	X					X			X		X				X			X								
M	1	X	X	X	X	X			X		X	X				X		X	X		X	X					
M	2		X	X	X	X			X		X	X				X		X	X						X		
M	3	X	X	X	X	X			X		X	X			X	X		X	X								
M	4	X	X	X	X	X			X		X	X			X			X	X		X		X		X		
M	5	X	X	X	X	X			X		X	X	X		X			X	X		X		X		X		
M	6	X	X	X		X			X		X	X			X		X	X	X						X		X
M	7	X	X			X		X	X			X	X	X	X		X	X	X		X				X		
M	8	X				X		X	X			X	X	X	X			X	X		X					X	X
M	9	X				X		X	X				X	X				X	X				X		X	X	X
M	10	X	X			X		X	X				X	X				X	X		X		X				X
M	11	X	X			X		X	X				X	X	X				X					X			X
M	12	X	X			X			X			X	X	X	X				X								X
M	13	X				X			X			X	X		X				X				X				X
M	14	X				X	X		X				X		X				X								X
M	15	X				X	X		X			X	X		X	X		X	X								
M	16	X	X				X		X			X	X		X	X		X	X								
M	17	X					X		X	X		X	X			X		X	X								
M	18	X					X		X	X	X	X	X			X			X								
M	19	X					X			X	X	X				X			X								
N	1	X	X	X		X	X	X	X			X				X		X	X								
N	2	X	X	X		X	X	X	X			X				X		X	X						X		
N	3	X	X	X		X		X	X			X			X	X		X	X		X						
N	4	X	X	X		X		X	X			X			X			X	X		X				X		

Table C-1 (continued). Physical and biological features found within each grid cell in the environmental sensitivity index.

Column	Row	Avian Density Rank 2	Avian Density Rank 4	Avian Density Rank 6	Essential Fish Habitat Rank 1	Essential Fish Habitat Rank 2	Essential Fish Habitat Rank 3	MM Density (Non T&E) Rank 1	MM Density (Non T&E) Rank 2	MM Density (Non T&E) Rank 3	MM Density (T&E) Rank 1	MM Density (T&E) Rank 2	MM Density (T&E) Rank 3	Sea Turtle SPUE Rank 1	Sea Turtle SPUE Rank 2	Sea Turtle SPUE Rank 3	Shoals Rank 1	Recreational Fishing Rank 1	Commercial Fisheries Rank 1	MPA Rank 1	Obstructions No Build	Pipelines No Build	Shipping Lanes No Build	Traffic Separation Zone No Build	Shipwrecks No Build	Tug Barge Transit Route No Build	Utility Cables No Build
N	5	X	X	X		X		X	X			X			X			X	X		X		X		X		
N	6	X	X			X		X	X			X	X		X				X		X				X	X	X
N	7	X	X			X		X	X			X	X	X	X			X	X		X				X	X	
N	8	X	X			X		X	X			X	X	X				X	X							X	X
N	9	X	X			X		X	X				X	X				X	X					X			X
N	10	X	X			X		X	X			X	X	X					X					X			X
N	11	X				X		X	X			X	X	X	X				X						X		X
N	12	X				X		X	X			X	X	X	X				X								
N	13	X	X			X	X	X	X			X	X		X				X					X			
N	14	X				X	X		X			X	X		X				X								X
N	15	X				X	X		X		X	X	X		X	X		X	X								X
N	16	X					X		X	X	X	X	X		X	X		X	X								X
N	17	X					X		X	X		X				X		X	X								X
N	18	X					X			X		X				X			X								
O	1	X				X	X	X	X			X	X			X		X	X						X	X	
O	2	X	X			X	X	X	X			X	X		X	X		X	X						X	X	
O	3	X	X			X	X		X			X	X		X	X	X	X	X							X	
O	4	X	X			X			X			X	X		X		X	X	X		X			X	X	X	
O	5	X	X			X		X	X			X	X		X			X	X				X		X	X	
O	6	X	X			X		X	X			X	X		X			X	X		X				X	X	X
O	7	X				X		X	X			X	X	X	X				X						X		
O	8	X				X		X	X			X	X	X					X								
O	9	X	X			X			X			X	X	X					X					X			X
O	10	X	X			X		X	X			X	X	X					X								X
O	11	X				X		X				X	X	X	X				X								X
O	12	X				X		X				X	X		X				X								
O	13	X				X		X	X			X			X				X					X			
O	14	X				X	X		X	X		X			X				X								
O	15	X				X	X		X	X	X	X			X			X	X								
O	16	X					X		X	X	X	X			X	X			X	X							
O	17	X				X				X		X				X		X	X								X
P	1	X					X		X				X			X			X							X	
P	2	X	X				X		X				X		X	X			X					X		X	

Table C-1 (continued). Physical and biological features found within each grid cell in the environmental sensitivity index.

Column	Row	Avian Density Rank 2	Avian Density Rank 4	Avian Density Rank 6	Essential Fish Habitat Rank 1	Essential Fish Habitat Rank 2	Essential Fish Habitat Rank 3	MM Density (Non T&E) Rank 1	MM Density (Non T&E) Rank 2	MM Density (Non T&E) Rank 3	MM Density (T&E) Rank 1	MM Density (T&E) Rank 2	MM Density (T&E) Rank 3	Sea Turtle SPUE Rank 1	Sea Turtle SPUE Rank 2	Sea Turtle SPUE Rank 3	Shoals Rank 1	Recreational Fishing Rank 1	Commercial Fisheries Rank 1	MPA Rank 1	Obstructions No Build	Pipelines No Build	Shipping Lanes No Build	Traffic Separation Zone No Build	Shipwrecks No Build	Tug Barge Transit Route No Build	Utility Cables No Build
P	3	X	X			X	X		X				X		X		X		X					X	X		
P	4	X	X			X	X		X				X		X			X	X					X	X		
P	5	X	X			X		X	X				X		X				X				X				X
P	6	X	X			X		X	X				X		X				X								X
P	7	X				X			X			X	X	X	X				X						X		
P	8	X				X			X	X		X		X	X			X	X								
P	9	X	X			X			X	X		X		X					X								X
P	10	X	X			X		X	X	X		X		X					X								X
P	11	X				X	X	X	X		X	X		X	X				X								X
P	12	X				X	X	X	X		X	X		X	X				X					X			X
P	13	X				X	X	X	X	X	X	X			X				X				X				
P	14	X				X	X		X	X	X	X			X				X								
P	15	X					X			X	X	X			X			X	X								
Q	2	X	X			X	X		X	X		X	X		X			X	X					X			
Q	3	X	X			X	X		X	X		X	X		X		X	X	X					X	X		
Q	4	X	X			X	X		X				X		X			X	X					X			
Q	5	X	X			X	X	X	X				X		X	X			X				X				X
Q	6	X				X		X	X				X		X				X								X
Q	7	X				X		X	X	X		X	X		X			X	X								
Q	8	X				X			X	X		X		X	X			X	X								
Q	9	X				X	X		X	X	X	X		X				X	X								X
Q	10	X				X			X	X	X	X		X				X	X								X
Q	11	X				X	X		X	X	X	X		X				X	X								X
Q	12	X				X	X		X	X	X			X	X			X	X				X				X
Q	13	X				X			X	X	X			X	X			X	X								
Q	14	X				X				X	X				X			X	X								
R	2	X					X			X		X			X			X	X					X			X
R	3	X				X	X		X	X		X	X		X		X	X	X				X	X			X
R	4	X	X			X	X		X	X		X	X		X	X		X	X				X	X			X
R	5	X	X	X		X	X		X	X			X		X	X	X	X	X				X				X
R	6	X	X	X		X			X	X			X		X	X	X	X	X				X				X
R	7	X				X			X	X		X	X		X	X	X	X	X								
R	8	X				X			X	X		X	X	X	X			X	X								