

## Alternative 1, No Design Features

Optimistic

Year:	0	5	10	20	30	40	50
<b>Pond Interiors</b>							
Subtidal	0	82	88	88	88	88	88
Intertidal mudflat	520	1,465	1,368	410	89	88	88
Low marsh	0	56	276	1,234	888	116	9
Mid marsh	0	80	85	85	752	1,525	1,632
Managed Ponds	2,104	972	842	842	842	842	842
Upland/transition	73	41	37	37	37	37	37
<b>TOTAL</b>	2,696	2,696	2,696	2,696	2,696	2,696	2,696
<b>Sloughs</b>							
Subtidal	252	271	290	328	365	403	441
Intertidal mudflat	13	13	13	14	14	15	15
Low marsh	6	5	5	4	4	3	3
Mid marsh	189	170	151	113	75	38	0
<b>TOTAL</b>	459	459	459	459	459	459	459
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	353	378	416	454	492	529
Intertidal mudflat	532	1,478	1,382	424	103	103	104
Low marsh	6	61	280	1,238	892	119	12
Mid marsh	189	250	236	199	827	1,563	1,632
Managed Ponds	2,104	972	842	842	842	842	842
Upland/transition	73	41	37	37	37	37	37
<b>SUB TOTAL</b>	3,155	3,155	3,155	3,155	3,155	3,155	3,155
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	3,827	3,827	3,827	3,827	3,827	3,827	3,827

\*OTHER category includes non-evolving fringing marsh and sloughs (497 ha), Pond 2A (212 ha, of which an estimated 190 ha are mid marsh habitat, 1 ha low marsh, 11 ha intertidal mudflat, and 11 ha subtidal); less the area of evolving fringing marsh outside the project area included above in the totals for "Sloughs" (38 ha).

**Alternative 1, No Design Features (con't)**

Pessimistic

<b>Year:</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>
<b>Pond Interiors</b>							
Subtidal	0	82	88	88	88	88	88
Intertidal mudflat	520	1,501	1,595	1,527	1,442	1,419	1,243
Low marsh	0	19	49	116	162	44	219
Mid marsh	0	80	85	85	125	267	267
Managed Ponds	2,104	972	842	842	842	842	842
Upland/transition	73	41	37	37	37	37	37
<b>TOTAL</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>
<b>Sloughs</b>							
Subtidal	252	299	347	441	441	441	441
Intertidal mudflat	13	13	14	15	13	13	13
Low marsh	6	5	4	3	6	6	6
Mid marsh	189	141	94	0	0	0	0
<b>TOTAL</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	381	435	529	529	529	529
Intertidal mudflat	532	1,515	1,609	1,543	1,455	1,432	1,256
Low marsh	6	24	53	119	167	49	225
Mid marsh	189	222	180	85	125	267	267
Managed Ponds	2,104	972	842	842	842	842	842
Upland/transition	73	41	37	37	37	37	37
<b>SUB TOTAL</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>

## Alternative 1, With Design Features

Optimistic

Year:	0	5	10	20	30	40	50
<b>Pond Interiors</b>							
Subtidal	0	82	88	88	88	88	88
Intertidal mudflat	520	1,429	1,150	154	88	88	88
Low marsh	0	91	494	1,489	359	9	9
Mid marsh	0	80	85	85	1,281	1,632	1,632
Managed Ponds	2,104	972	842	842	842	842	842
Upland/transition	73	41	37	37	37	37	37
<b>TOTAL</b>	2,696	2,696	2,696	2,696	2,696	2,696	2,696
<b>Sloughs</b>							
Subtidal	252	271	290	328	365	403	441
Intertidal mudflat	13	13	13	14	14	15	15
Low marsh	6	5	5	4	4	3	3
Mid marsh	189	170	151	113	75	38	0
<b>TOTAL</b>	459	459	459	459	459	459	459
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	353	378	416	454	492	529
Intertidal mudflat	532	1,442	1,163	168	103	103	104
Low marsh	6	97	499	1,494	363	12	12
Mid marsh	189	250	236	199	1,357	1,670	1,632
Managed Ponds	2,104	972	842	842	842	842	842
Upland/transition	73	41	37	37	37	37	37
<b>SUB TOTAL</b>	3,155	3,155	3,155	3,155	3,155	3,155	3,155
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	3,827	3,827	3,827	3,827	3,827	3,827	3,827

### Alternative 1, With Design Features (con't)

Pessimistic

Year:	0	5	10	20	30	40	50
<b>Pond Interiors</b>							
Subtidal	0	82	88	88	88	88	88
Intertidal mudflat	520	1,501	1,579	1,444	1,273	961	554
Low marsh	0	19	65	200	208	501	707
Mid marsh	0	80	85	85	248	267	469
Managed Ponds	2,104	972	842	842	842	842	842
Upland/transition	73	41	37	37	37	37	37
<b>TOTAL</b>	2,696	2,696	2,696	2,696	2,696	2,696	2,696
<b>Sloughs</b>							
Subtidal	252	299	347	441	441	441	441
Intertidal mudflat	13	13	14	15	13	13	13
Low marsh	6	5	4	3	6	6	6
Mid marsh	189	141	94	0	0	0	0
<b>TOTAL</b>	459	459	459	459	459	459	459
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	381	435	529	529	529	529
Intertidal mudflat	532	1,515	1,593	1,459	1,286	973	566
Low marsh	6	24	69	202	213	507	712
Mid marsh	189	222	180	85	248	267	469
Managed Ponds	2,104	972	842	842	842	842	842
Upland/transition	73	41	37	37	37	37	37
<b>SUB TOTAL</b>	3,155	3,155	3,155	3,155	3,155	3,155	3,155
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	3,827	3,827	3,827	3,827	3,827	3,827	3,827

## Alternative 2, No Design Features

Optimistic

Year:	0	5	10	20	30	40	50
<b>Pond Interiors</b>							
Subtidal	0	59	59	59	59	59	59
Intertidal mudflat	520	1,034	844	251	59	59	59
Low marsh	0	54	244	837	542	6	6
Mid marsh	0	58	58	58	545	1,082	1,082
Managed Ponds	2,104	1,436	1,436	1,436	1,436	1,436	1,436
Upland/transition	73	55	55	55	55	55	55
<b>TOTAL</b>	2,696	2,696	2,696	2,696	2,696	2,696	2,696
<b>Sloughs</b>							
Subtidal	252	268	283	315	346	377	408
Intertidal mudflat	13	13	13	14	14	15	15
Low marsh	6	5	5	4	4	3	3
Mid marsh	189	173	157	126	95	64	33
<b>TOTAL</b>	459	459	459	459	459	459	459
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	326	342	373	405	436	467
Intertidal mudflat	532	1,047	857	265	73	74	74
Low marsh	6	59	249	841	546	9	9
Mid marsh	189	231	216	185	640	1,146	1,114
Managed Ponds	2,104	1,436	1,436	1,436	1,436	1,436	1,436
Upland/transition	73	55	55	55	55	55	55
<b>SUB TOTAL</b>	3,155	3,155	3,155	3,155	3,155	3,155	3,155
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	3,827	3,827	3,827	3,827	3,827	3,827	3,827

**Alternative 2, No Design Features (con't)**

Pessimistic

<b>Year:</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>
<b>Pond Interiors</b>							
Subtidal	0	59	59	59	59	59	59
Intertidal mudflat	520	1,069	1,044	985	912	889	761
Low marsh	0	19	44	103	138	35	163
Mid marsh	0	58	58	58	97	222	222
Managed Ponds	2,104	1,436	1,436	1,436	1,436	1,436	1,436
Upland/transition	73	55	55	55	55	55	55
<b>TOTAL</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>
<b>Sloughs</b>							
Subtidal	252	291	330	408	408	408	408
Intertidal mudflat	13	13	14	15	13	13	13
Low marsh	6	5	4	3	6	6	6
Mid marsh	189	150	111	33	33	33	33
<b>TOTAL</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	350	389	467	467	467	467
Intertidal mudflat	532	1,083	1,058	1,000	925	902	774
Low marsh	6	24	48	106	143	40	168
Mid marsh	189	208	169	91	129	255	255
Managed Ponds	2,104	1,436	1,436	1,436	1,436	1,436	1,436
Upland/transition	73	55	55	55	55	55	55
<b>SUB TOTAL</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>

## Alternative 2, With Design Features

Optimistic

Year:	0	5	10	20	30	40	50
<b>Pond Interiors</b>							
Subtidal	0	59	59	59	59	59	59
Intertidal mudflat	520	1,000	707	59	59	59	59
Low marsh	0	88	381	1,029	241	6	6
Mid marsh	0	58	58	58	847	1,082	1,082
Managed Ponds	2,104	1,436	1,436	1,436	1,436	1,436	1,436
Upland/transition	73	55	55	55	55	55	55
<b>TOTAL</b>	2,696	2,696	2,696	2,696	2,696	2,696	2,696
<b>Sloughs</b>							
Subtidal	252	268	283	315	346	377	408
Intertidal mudflat	13	13	13	14	14	15	15
Low marsh	6	5	5	4	4	3	3
Mid marsh	189	173	157	126	95	64	33
<b>TOTAL</b>	459	459	459	459	459	459	459
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	326	342	373	405	436	467
Intertidal mudflat	532	1,013	720	72	73	74	74
Low marsh	6	94	386	1,034	245	9	9
Mid marsh	189	231	216	185	942	1,146	1,114
Managed Ponds	2,104	1,436	1,436	1,436	1,436	1,436	1,436
Upland/transition	73	55	55	55	55	55	55
<b>SUB TOTAL</b>	3,155	3,155	3,155	3,155	3,155	3,155	3,155
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	3,827	3,827	3,827	3,827	3,827	3,827	3,827

## Alternative 2, With Design Features (con't)

Pessimistic

Year:	0	5	10	20	30	40	50
<b>Pond Interiors</b>							
Subtidal	0	59	59	59	59	59	59
Intertidal mudflat	520	1,069	1,029	912	779	595	395
Low marsh	0	19	59	176	148	329	378
Mid marsh	0	58	58	58	220	222	374
Managed Ponds	2,104	1,436	1,436	1,436	1,436	1,436	1,436
Upland/transition	73	55	55	55	55	55	55
<b>TOTAL</b>	2,696	2,696	2,696	2,696	2,696	2,696	2,696
<b>Sloughs</b>							
Subtidal	252	291	330	408	408	408	408
Intertidal mudflat	13	13	14	15	13	13	13
Low marsh	6	5	4	3	6	6	6
Mid marsh	189	150	111	33	33	33	33
<b>TOTAL</b>	459	459	459	459	459	459	459
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	350	389	467	467	467	467
Intertidal mudflat	532	1,083	1,043	928	791	608	407
Low marsh	6	24	63	178	154	335	383
Mid marsh	189	208	169	91	252	255	406
Managed Ponds	2,104	1,436	1,436	1,436	1,436	1,436	1,436
Upland/transition	73	55	55	55	55	55	55
<b>SUB TOTAL</b>	3,155	3,155	3,155	3,155	3,155	3,155	3,155
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	3,827	3,827	3,827	3,827	3,827	3,827	3,827

### Alternative 3, No Design Features

Optimistic

Year:	0	5	10	20	30	40	50
<b>Pond Interiors</b>							
Subtidal	0	44	44	44	44	44	44
Intertidal mudflat	520	749	561	141	44	44	44
Low marsh	0	54	242	663	281	4	4
Mid marsh	0	58	58	58	536	813	813
Managed ponds	2,104	1,729	1,729	1,729	1,729	1,729	1,729
Upland/transition	73	62	62	62	62	62	62
<b>TOTAL</b>	2,696	2,696	2,696	2,696	2,696	2,696	2,696
<b>Sloughs</b>							
Subtidal	252	263	273	294	315	336	357
Intertidal mudflat	13	13	13	14	14	15	15
Low marsh	6	5	5	4	4	3	3
Mid marsh	189	178	168	147	126	105	84
<b>TOTAL</b>	459	459	459	459	459	459	459
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	306	317	338	359	380	401
Intertidal mudflat	532	762	574	154	58	59	59
Low marsh	6	59	247	667	285	8	7
Mid marsh	189	236	225	205	662	918	897
Managed ponds	2,104	1,729	1,729	1,729	1,729	1,729	1,729
Upland/transition	73	62	62	62	62	62	62
<b>SUB TOTAL</b>	3,155	3,155	3,155	3,155	3,155	3,155	3,155
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	3,827	3,827	3,827	3,827	3,827	3,827	3,827

### Alternative 3, No Design Features (con't)

Pessimistic

Year:	0	5	10	20	30	40	50
<b>Pond Interiors</b>							
Subtidal	0	44	44	44	44	44	44
Intertidal mudflat	520	785	761	704	631	608	481
Low marsh	0	19	42	99	134	31	159
Mid marsh	0	58	58	58	96	221	221
Managed ponds	2,104	1,729	1,729	1,729	1,729	1,729	1,729
Upland/transition	73	62	62	62	62	62	62
<b>TOTAL</b>	2,696	2,696	2,696	2,696	2,696	2,696	2,696
<b>Sloughs</b>							
Subtidal	252	278	305	357	357	357	357
Intertidal mudflat	13	13	14	15	13	13	13
Low marsh	6	5	4	3	6	6	6
Mid marsh	189	162	136	84	84	84	84
<b>TOTAL</b>	459	459	459	459	459	459	459
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	322	348	401	401	401	401
Intertidal mudflat	532	798	775	719	644	621	493
Low marsh	6	24	46	102	140	37	164
Mid marsh	189	220	194	142	180	305	305
Managed ponds	2,104	1,729	1,729	1,729	1,729	1,729	1,729
Upland/transition	73	62	62	62	62	62	62
<b>SUB TOTAL</b>	3,155	3,155	3,155	3,155	3,155	3,155	3,155
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	3,827	3,827	3,827	3,827	3,827	3,827	3,827

**Alternative 3, With Design Features (con't)**

Optimistic

<b>Year:</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>
<b>Pond Interiors</b>							
Subtidal	0	44	44	44	44	44	44
Intertidal mudflat	520	715	443	44	44	44	44
Low marsh	0	88	360	760	127	4	4
Mid marsh	0	58	58	58	691	813	813
Managed ponds	2,104	1,729	1,729	1,729	1,729	1,729	1,729
Upland/transition	73	62	62	62	62	62	62
<b>TOTAL</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>
<b>Sloughs</b>							
Subtidal	252	263	273	294	315	336	357
Intertidal mudflat	13	13	13	14	14	15	15
Low marsh	6	5	5	4	4	3	3
Mid marsh	189	178	168	147	126	105	84
<b>TOTAL</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	306	317	338	359	380	401
Intertidal mudflat	532	728	456	57	58	59	59
Low marsh	6	94	365	764	131	8	7
Mid marsh	189	236	225	205	816	918	897
Managed ponds	2,104	1,729	1,729	1,729	1,729	1,729	1,729
Upland/transition	73	62	62	62	62	62	62
<b>SUB TOTAL</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>
<b>OTHER*</b>	<b>671</b>	<b>671</b>	<b>671</b>	<b>671</b>	<b>671</b>	<b>671</b>	<b>671</b>
<b>PROJECT TOTAL</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>

**Alternative 3, With Design Features (con't)**

Pessimistic

<b>Year:</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>
<b>Pond Interiors</b>							
Subtidal	0	44	44	44	44	44	44
Intertidal mudflat	520	785	746	632	498	332	212
Low marsh	0	19	57	172	144	308	276
Mid marsh	0	58	58	58	219	221	372
Managed ponds	2,104	1,729	1,729	1,729	1,729	1,729	1,729
Upland/transition	73	62	62	62	62	62	62
<b>TOTAL</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>	<b>2,696</b>
<b>Sloughs</b>							
Subtidal	252	278	305	357	357	357	357
Intertidal mudflat	13	13	14	15	13	13	13
Low marsh	6	5	4	3	6	6	6
Mid marsh	189	162	136	84	84	84	84
<b>TOTAL</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>	<b>459</b>
<b>Ponds &amp; Sloughs</b>							
Subtidal	252	322	348	401	401	401	401
Intertidal mudflat	532	798	760	647	511	344	225
Low marsh	6	24	62	175	150	314	282
Mid marsh	189	220	194	142	303	305	456
Managed ponds	2,104	1,729	1,729	1,729	1,729	1,729	1,729
Upland/transition	73	62	62	62	62	62	62
<b>SUB TOTAL</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>	<b>3,155</b>
OTHER*	671	671	671	671	671	671	671
<b>PROJECT TOTAL</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>	<b>3,827</b>