APPENDIX A: IMPACT TABLES

Table 1: Impacts to Wetlands by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
1AA	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1B	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1BB	PEM	Yes	Yes	0	0	0.0	83	0.0	83	0.0	83	0.0	83	0.0	83	0.0	83
1BBB	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1C	PFO	Yes	Yes	0	0	0.2	9,997	0.2	9,997	0.2	9,997	0.2	9,997	0.2	9,997	0.2	9,997
1CC	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1CCC	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1DD	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1DDD	PEM	Yes	Yes	0	0	0.0	12	0.0	12	0.0	12	0.0	12	0.0	12	0.0	12
1E	PFO	Yes	Yes	0	0	0.1	2,782	0.1	2,782	0.1	2,782	0.1	2,782	0.1	2,782	0.1	2,782
1EE	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1F	PFO	Yes	Yes	0	0	0.0	593	0.0	593	0.0	593	0.0	593	0.0	593	0.0	593
1FF	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1I	PFO	Yes	Yes	0	0	0.0	779	0.0	779	0.0	779	0.0	779	0.0	779	0.0	779
1II	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1J	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1JJ	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1K	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1KK	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1MM	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1QQ	PFO	Yes	Yes	0	0	0.0	2,136	0.0	2,136	0.0	2,136	0.0	2,136	0.0	2,136	0.0	2,136
1T	PSS	Yes	Yes	0	0	0.1	2,319	0.1	2,319	0.1	2,319	0.1	2,319	0.1	2,319	0.1	2,319
1UU	PFO	Yes	Yes	0	0	0.0	289	0.0	289	0.0	289	0.0	289	0.0	289	0.0	289
1WW	PEM	Yes	Yes	0	0	0.0	1,022	0.0	1,022	0.0	1,022	0.0	1,022	0.0	1,022	0.0	1,022
1ZZ	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
2B	PFO	Yes	Yes	0	0	0.2	8,519	0.2	8,519	0.2	8,519	0.2	8,519	0.2	8,519	0.2	8,519
2BB	PFO	Yes	Yes	0	0	0.0	209	0.0	209	0.0	209	0.0	209	0.0	209	0.0	209
2C	PFO	Yes	Yes	0	0	0.4	17,665	0.4	17,665	0.4	17,665	0.4	17,665	0.4	17,665	0.4	17,665
2CC	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
2DD	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
2EE	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
2FF	PEM	No	Yes	0	0	0.1	6,268	0.1	6,268	0.1	6,268	0.1	6,268	0.1	6,268	0.1	6,268
2G	PFO	Yes	Yes	0	0	0.0	1,507	0.0	1,507	0.0	1,507	0.0	1,507	0.0	1,507	0.0	1,507
2GG	PEM	No	Yes	0	0	0.1	2,644	0.1	2,644	0.1	2,644	0.1	2,644	0.1	2,644	0.1	2,644
2II	PFO	Yes	Yes	0	0	0.0	826	0.0	826	0.0	826	0.0	826	0.0	826	0.0	826
2K	PEM	Yes	Yes	0	0	0.1	3,056	0.1	3,056	0.1	3,056	0.1	3,056	0.1	3,056	0.1	3,056
2KK	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
2LL	PFO	Yes	Yes	0	0	0.0	387	0.0	387	0.0	387	0.0	387	0.0	387	0.0	387
2M	PFO	Yes	Yes	0	0	0.0	878	0.0	878	0.0	878	0.0	878	0.0	878	0.0	878
2NN	PFO	Yes	Yes	0	0	0.0	1,879	0.0	1,879	0.0	1,879	0.0	1,879	0.0	1,879	0.0	1,879
2O	PFO	Yes	Yes	0	0	0.1	3,311	0.1	3,311	0.1	3,311	0.1	3,311	0.1	3,311	0.1	3,311
2P	PEM	Yes	Yes	0	0	0.1	5,680	0.2	7,065	0.2	7,065	0.2	7,065	0.2	7,065	0.2	7,065
2Q	PSS	Yes	Yes	0	0	0.0	770	0.0	770	0.0	770	0.0	770	0.0	770	0.0	770
2RR	PSS	Yes	Yes	0	0	0.0	206	0.0	206	0.0	206	0.0	206	0.0	206	0.0	206
2S	PFO	Yes	Yes	0	0	0.2	10,236	0.2	10,236	0.2	10,236	0.2	10,236	0.2	10,236	0.2	10,236
2SS	PFO	Yes	Yes	0	0	0.0	650	0.0	650	0.0	650	0.0	650	0.0	650	0.0	650
2TT	PEM	Yes	Yes	0	0	0.0	1,143	0.0	1,143	0.0	1,143	0.0	1,143	0.0	1,143	0.0	1,143
2U	PFO	Yes	Yes	0	0	0.1	3,359	0.1	3,359	0.1	3,359	0.1	3,359	0.1	3,359	0.1	3,359
2WW	PFO	Yes	Yes	0	0	0.1	4,490	0.1	4,490	0.1	4,490	0.1	4,490	0.1	4,490	0.1	4,490
2XX	PFO	Yes	Yes	0	0	0.0	677	0.0	677	0.0	677	0.0	677	0.0	677	0.0	677
3AAA	PFO	Yes	Yes	0	0	0.0	528	0.0	528	0.0	528	0.0	528	0.0	528	0.0	528
3B	PFO	Yes	Yes	0	0	0.1	5,390	0.1	5,390	0.1	5,390	0.1	5,390	0.1	5,390	0.1	5,390
3C	PEM	Yes	Yes	0	0	0.0	584	0.0	584	0.0	584	0.0	584	0.0	584	0.0	584
3DDD	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3E	PFO	Yes	Yes	0	0	0.0	963	0.0	963	0.0	963	0.0	963	0.0	963	0.0	963
3EE	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3FF	PFO	Yes	Yes	0	0	-	-	0.0	232	0.0	232	0.0	232	0.0	232	0.0	232
3G	PFO	Yes	Yes	0	0	0.1	3,848	0.1	3,848	0.1	3,848	0.1	3,848	0.1	3,848	0.1	3,848
3GG	PEM	Yes	Yes	0	0	0.0	842	0.0	842	0.0	842	0.0	842	0.0	842	0.0	842
3GGG	PFO	Yes	Yes	0	0	0.0	244	0.0	244	0.0	244	0.0	244	0.0	244	0.0	244
3HH	PFO	Yes	Yes	0	0	0.1	2,991	0.1	2,991	0.1	2,991	0.1	2,991	0.1	2,991	0.1	2,991
3HHH	PFO	Yes	Yes	0	0	0.0	1,508	0.0	1,508	0.0	1,508	0.0	1,508	0.0	1,508	0.0	1,508
3II	PEM	Yes	Yes	0	0	0.1	3,495	0.1	3,495	0.1	3,495	0.1	3,495	0.1	3,495	0.1	3,495
3III	PEM	Yes	Yes	0	0	0.0	1,616	0.0	1,616	0.0	1,616	0.0	1,616	0.0	1,616	0.0	1,616
3J	PEM	Yes	Yes	0	0	0.1	2,640	0.1	2,640	0.1	2,640	0.1	2,640	0.1	2,640	0.1	2,640
3JJJ	PFO	Yes	Yes	0	0	0.0	880	0.0	880	0.0	880	0.0	880	0.0	880	0.0	880
3K	PSS	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3KKK	PSS	Yes	Yes	0	0	0.0	270	0.0	1,193	0.0	1,193	0.0	1,193	0.0	1,193	0.0	1,193
3M	PEM	Yes	Yes	0	0	0.0	68	0.0	68	0.0	68	0.0	68	0.0	68	0.0	68
3MMM	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3NN	PEM	Yes	Yes	0	0	0.0	618	0.0	618	0.0	618	0.0	618	0.0	618	0.0	618
3NNN	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3O	PFO	Yes	Yes	0	0	0.0	328	0.0	328	0.0	328	0.0	328	0.0	328	0.0	328

Table 1: Impacts to Wetlands by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
3OO	PFO	Yes	Yes	0	0	0.0	1,057	0.0	1,057	0.0	1,057	0.0	1,057	0.0	1,057	0.0	1,057
3P	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3QQQ	PSS	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3R	PSS	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3RRR	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3SSS	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3T	PFO	Yes	Yes	0	0	0.1	6,078	0.1	6,078	0.1	6,078	0.1	6,078	0.1	6,078	0.1	6,078
3V	PFO	Yes	Yes	0	0	0.0	746	0.0	746	0.0	746	0.0	746	0.0	746	0.0	746
3W	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3X	PFO	Yes	Yes	0	0	0.0	1,376	0.1	2,562	0.1	2,562	0.1	2,562	0.1	2,562	0.1	2,562
3Y	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4A	PEM	Yes	Yes	0	0	0.1	5,212	0.1	5,212	0.1	5,212	0.1	5,212	0.1	5,212	0.1	5,212
4AAA	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4AAAA	PFO	Yes	Yes	0	0	0.0	205	0.0	205	0.0	205	0.0	205	0.0	205	0.0	205
4AAAAA	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4BB	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4CC	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4CCC	PEM	Yes	Yes	0	0	0.1	2,225	0.1	2,225	0.1	2,225	0.1	2,225	0.1	2,225	0.1	2,225
4CCCC	PFO	Yes	Yes	0	0	0.0	1,478	0.0	1,478	0.0	1,478	0.0	1,478	0.0	1,478	0.0	1,478
4D	PFO	Yes	Yes	0	0	0.0	283	0.0	283	0.0	283	0.0	283	0.0	283	0.0	283
4DD	PEM	Yes	Yes	0	0	0.0	462	0.0	462	0.0	462	0.0	462	0.0	462	0.0	462
4DDD	PFO	Yes	Yes	0	0	0.0	23	0.0	425	0.0	425	0.0	425	0.0	425	0.0	425
4EEE	PEM	Yes	Yes	0	0	0.0	18	0.0	181	0.0	181	0.0	181	0.0	181	0.0	181
4EEEE	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4F	PFO	Yes	Yes	0	0	0.0	431	0.0	431	0.0	431	0.0	431	0.0	431	0.0	431
4FFF	PFO	Yes	Yes	0	0	0.0	2,078	0.0	2,078	0.0	2,078	0.0	2,078	0.0	2,078	0.0	2,078
4FFFF	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4HH	PFO	Yes	Yes	0	0	0.1	4,659	0.1	4,659	0.1	4,659	0.1	4,659	0.1	4,659	0.1	4,659
4HHHH	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4I	PEM	Yes	Yes	0	0	0.0	927	0.0	927	0.0	927	0.0	927	0.0	927	0.0	927
4II	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4III	PEM	Yes	Yes	0	0	0.0	1,929	0.0	1,929	0.0	1,929	0.0	1,929	0.0	1,929	0.0	1,929
4IIII	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4JJJ	PFO	Yes	Yes	0	0	0.0	335	0.0	335	0.0	335	0.0	335	0.0	335	0.0	335
4KK	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4KKK	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4KKKK	PFO	Yes	Yes	0	0	0.0	1,695	0.0	1,695	0.0	1,695	0.0	1,695	0.0	1,695	0.0	1,695
4LLL	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4MM	PFO	Yes	Yes	0	0	0.0	1,603	0.0	1,603	0.0	1,603	0.0	1,603	0.0	1,603	0.0	1,603
4MMM	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4N	PFO	Yes	Yes	0	0	0.1	4,173	0.1	5,396	0.1	5,396	0.1	5,396	0.1	5,396	0.1	5,396
4NNNN	PFO	Yes	Yes	0	0	0.1	2,471	0.1	2,471	0.1	2,471	0.1	2,471	0.1	2,471	0.1	2,471
4OOO	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4PPP	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4QQQ	PEM	Yes	Yes	0	0	0.0	583	0.0	583	0.0	583	0.0	583	0.0	583	0.0	583
4R	PFO	Yes	Yes	0	0	0.1	4,565	0.1	5,050	0.1	5,050	0.1	5,050	0.1	5,050	0.1	5,050
4RR	PFO	Yes	Yes	0	0	0.0	863	0.0	891	0.0	891	0.0	891	0.0	891	0.0	891
4RRRR	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4SS	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4SSS	PFO	Yes	Yes	0	0	0.0	1,798	0.0	1,798	0.0	1,798	0.0	1,798	0.0	1,798	0.0	1,798
4UU	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4V	PFO	Yes	Yes	0	0	0.0	547	0.0	547	0.0	547	0.0	547	0.0	547	0.0	547
4VV	PFO	Yes	Yes	0	0	0.0	318	0.0	318	0.0	318	0.0	318	0.0	318	0.0	318
4VVV	PFO	Yes	Yes	0	0	0.0	1,996	0.0	1,996	0.0	1,996	0.0	1,996	0.0	1,996	0.0	1,996
4VVVV	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4WW	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4WWW	PFO	Yes	Yes	0	0	0.2	9,106	0.2	9,106	0.2	9,106	0.2	9,106	0.2	9,106	0.2	9,106
4WWWW	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4XX	PFO	Yes	Yes	0	0	0.0	953	0.0	953	0.0	953	0.0	953	0.0	953	0.0	953
4XXX	PFO	Yes	Yes	0	0	0.1	2,276	0.1	2,276	0.1	2,276	0.1	2,276	0.1	2,276	0.1	2,276
4YY	PSS	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4YYYY	PSS	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4ZZ	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4ZZZ	PFO	Yes	Yes	0	0	0.1	3,353	0.1	3,353	0.1	3,353	0.1	3,353	0.1	3,353	0.1	3,353
5A	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
5AA	PSS	Yes	Yes	0	0	0.2	8,183	0.2	8,183	0.2	8,183	0.2	8,183	0.2	8,183	0.2	8,183
5C	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
5CC	PFO	Yes	Yes	0	0	0.0	9	0.0	48	0.0	48	0.0	48	0.0	48	0.0	48
5DD	PEM	Yes	Yes	0	0	0.0	158	0.0	158	0.0	158	0.0	158	0.0	158	0.0	158
5E	PSS	Yes	Yes	0	0	0.4	18,526	0.4	18,526	0.4	18,526	0.4	18,526	0.4	18,526	0.4	18,526
5G	PSS	Yes	Yes	0	0	0.0	64	0.0	64	0.0	64	0.0	64	0.0	64	0.0	64
5GG	PFO	Yes	Yes	0	0	0.0	1,923	0.0	1,923	0.0	1,923	0.0	1,923	0.0	1,923	0.0	1,923
5I	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-

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				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
5II	PFO	Yes	Yes	0	0	0.0	114	0.0	114	0.0	114	0.0	114	0.0	114	0.0	114
5K	PFO	Yes	Yes	0	0	0.1	3,339	0.1	3,339	0.1	3,339	0.1	3,339	0.1	3,339	0.1	3,339
5L	PFO	Yes	Yes	0	0	0.0	1,995	0.0	1,995	0.0	1,995	0.0	1,995	0.0	1,995	0.0	1,995
5LL	PEM	Yes	Yes	0	0	0.0	23	0.0	23	0.0	23	0.0	23	0.0	23	0.0	23
5M	PEM	Yes	Yes	0	0	0.0	1,528	0.0	1,528	0.0	1,528	0.0	1,528	0.0	1,528	0.0	1,528
5R	PEM	Yes	Yes	0	0	0.3	12,596	0.3	12,596	0.3	12,596	0.3	12,596	0.3	12,596	0.3	12,596
5RR	PFO	Yes	Yes	0	0	0.0	1,203	0.0	1,203	0.0	1,203	0.0	1,203	0.0	1,203	0.0	1,203
5TT	PEM	Yes	Yes	0	0	0.0	220	0.0	220	0.0	220	0.0	220	0.0	220	0.0	220
5UU	PSS	Yes	Yes	0	0	0.1	2,255	0.1	2,255	0.1	2,255	0.1	2,255	0.1	2,255	0.1	2,255
5V	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
5X	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
5Z	PFO	Yes	Yes	0	0	0.3	13,062	0.3	13,062	0.3	13,062	0.3	13,062	0.3	13,062	0.3	13,062
6A	PFO	Yes	Yes	0	0	0.0	2,086	0.1	3,756	0.1	3,756	0.1	3,756	0.1	3,756	0.1	3,756
6C	PFO	Yes	Yes	0	0	0.1	4,438	0.1	4,791	0.1	4,791	0.1	4,791	0.1	4,791	0.1	4,791
6CC	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6CCC	PEM	Yes	Yes	0	0	0.1	5,311	0.1	5,311	0.1	5,311	0.1	5,311	0.1	5,311	0.1	5,311
6CCCC	PFO	Yes	Yes	0	0	0.0	695	0.0	695	0.0	695	0.0	695	0.0	695	0.0	695
6DD	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6E	PFO	Yes	Yes	0	0	0.0	879	0.0	879	0.0	879	0.0	879	0.0	879	0.0	879
6F	PFO	Yes	Yes	0	0	0.1	4,071	0.2	6,539	0.2	6,539	0.2	6,539	0.2	6,539	0.2	6,539
6FF	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6FFF	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6GG	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6GGGG	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6H	PEM	Yes	Yes	0	0	0.0	1,836	0.0	1,836	0.0	1,836	0.0	1,836	0.0	1,836	0.0	1,836
6HHH	PFO	Yes	Yes	0	0	0.0	1,152	0.0	1,832	0.0	1,832	0.0	1,832	0.0	1,832	0.0	1,832
6I	PFO	Yes	Yes	0	0	0.1	2,777	0.1	2,777	0.1	2,777	0.1	2,777	0.1	2,777	0.1	2,777
6II	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6K	PFO	Yes	Yes	0	0	0.0	1,789	0.0	1,789	0.0	1,789	0.0	1,789	0.0	1,789	0.0	1,789
6KKK	PEM	Yes	Yes	0	0	0.0	1,022	0.0	1,022	0.0	1,022	0.0	1,022	0.0	1,022	0.0	1,022
6LL	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6N	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6OO	PEM	Yes	Yes	0	0	0.2	8,760	0.2	8,760	0.2	8,760	0.2	8,760	0.2	8,760	0.2	8,760
6OOO	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6P	PFO	Yes	Yes	0	0	0.1	2,498	0.1	2,834	0.1	2,834	0.1	2,834	0.1	2,834	0.1	2,834
6PP	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6PPP	PFO	Yes	Yes	0	0	0.1	4,008	0.1	4,008	0.1	4,008	0.1	4,008	0.1	4,008	0.1	4,008
6Q	PFO	Yes	Yes	0	0	0.0	97	0.0	97	0.0	97	0.0	97	0.0	97	0.0	97
6QQ	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6QQQ	PEM	Yes	Yes	0	0	-	-	0.0	100	0.0	100	0.0	100	0.0	100	0.0	100
6RR	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6S	PEM	Yes	Yes	0	0	0.0	277	0.0	277	0.0	277	0.0	277	0.0	277	0.0	277
6SSS	PEM	Yes	Yes	0	0	0.0	177	0.0	177	0.0	177	0.0	177	0.0	177	0.0	177
6U	PFO	Yes	Yes	0	0	0.4	17,232	0.4	17,232	0.4	17,232	0.4	17,232	0.4	17,232	0.4	17,232
6VV	PFO	Yes	Yes	0	0	0.1	3,216	0.1	3,216	0.1	3,216	0.1	3,216	0.1	3,216	0.1	3,216
6VVV	PFO	Yes	Yes	0	0	0.0	1,023	0.0	1,569	0.0	1,569	0.0	1,569	0.0	1,569	0.0	1,569
6XXX	PFO	Yes	Yes	0	0	0.0	1,499	0.1	2,245	0.1	2,245	0.1	2,245	0.1	2,245	0.1	2,245
6Y	PFO	Yes	Yes	0	0	0.1	6,361	0.1	6,361	0.1	6,361	0.1	6,361	0.1	6,361	0.1	6,361
6YYY	PEM	Yes	Yes	0	0	0.0	11	0.0	489	0.0	489	0.0	489	0.0	489	0.0	489
6ZZ	PFO	Yes	Yes	0	0	0.0	387	0.0	387	0.0	387	0.0	387	0.0	387	0.0	387
6ZZZ	PFO	Yes	Yes	0	0	0.1	4,641	0.1	4,641	0.1	4,641	0.1	4,641	0.1	4,641	0.1	4,641
7C	PEM	Yes	Yes	0	0	-	-	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10
7CC	PEM	Yes	Yes	0	0	0.0	462	0.0	462	0.0	462	0.0	462	0.0	462	0.0	462
7DD	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
7EE	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
7FF	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
7HH	PFO	Yes	Yes	0	0	0.0	578	0.0	578	0.0	578	0.0	578	0.0	578	0.0	578
7J	PFO	Yes	Yes	0	0	0.1	3,447	0.1	3,447	0.1	3,447	0.1	3,447	0.1	3,447	0.1	3,447
7K	PEM	Yes	Yes	0	0	0.0	1,214	0.0	1,214	0.0	1,214	0.0	1,214	0.0	1,214	0.0	1,214
7KK	PFO	Yes	Yes	0	0	0.0	1,717	0.0	1,717	0.0	1,717	0.0	1,717	0.0	1,717	0.0	1,717
7L	PFO	Yes	Yes	0	0	0.1	2,467	0.1	2,467	0.1	2,467	0.1	2,467	0.1	2,467	0.1	2,467
7LL	PEM	Yes	Yes	0	0	0.0	914	0.0	914	0.0	914	0.0	914	0.0	914	0.0	914
7M	PFO	Yes	Yes	0	0	0.1	2,611	0.1	2,611	0.1	2,611	0.1	2,611	0.1	2,611	0.1	2,611
7P	PEM	Yes	Yes	0	0	0.1	3,379	0.1	3,379	0.1	3,379	0.1	3,379	0.1	3,379	0.1	3,379
7R	PEM	Yes	Yes	0	0	0.0	304	0.0	304	0.0	304	0.0	304	0.0	304	0.0	304
7RR	PEM	Yes	Yes	0	0	0.0	608	0.0	608	0.0	608	0.0	608	0.0	608	0.0	608
7U	PSS	Yes	Yes	0	0	0.0	749	0.0	749	0.0	749	0.0	749	0.0	749	0.0	749
7W	PFO	Yes	Yes	0	0	0.1	2,508	0.1	2,508	0.1	2,508	0.1	2,508	0.1	2,508	0.1	2,508
7Y	PFO	Yes	Yes	0	0	0.0	189	0.0	189	0.0	189	0.0	189	0.0	189	0.0	189
7Z	PFO	Yes	Yes	0	0	0.0	1,157	0.0	1,544	0.0	1,544	0.0	1,544	0.0	1,544	0.0	1,544
8FF	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
8H	PFO	Yes	Yes	0	0	0.0	1,794	0.0	1,794	0.0	1,794	0.0	1,794	0.0	1,794	0.0	1,794
8JJ	PFO	Yes	Yes	0	0	0.0	892	0.0	892	0.0	892	0.0	892	0.0	892	0.0	892

Table 1: Impacts to Wetlands by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
8K	PEM	Yes	Yes	0	0	0.0	1,160	0.0	1,160	0.0	1,160	0.0	1,160	0.0	1,160	0.0	1,160
8KK	PSS	Yes	Yes	0	0	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15
8L	PFO	Yes	Yes	0	0	0.0	1,149	0.0	1,149	0.0	1,149	0.0	1,149	0.0	1,149	0.0	1,149
8LL	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
8M	PEM	Yes	Yes	0	0	0.0	887	0.0	887	0.0	887	0.0	887	0.0	887	0.0	887
8O	PEM	Yes	Yes	0	0	0.0	1,563	0.0	1,563	0.0	1,563	0.0	1,563	0.0	1,563	0.0	1,563
8P	PSS	Yes	Yes	0	0	0.0	1,076	0.0	1,076	0.0	1,076	0.0	1,076	0.0	1,076	0.0	1,076
8Q	PEM	Yes	Yes	0	0	0.0	328	0.0	328	0.0	328	0.0	328	0.0	328	0.0	328
8U	PEM	Yes	Yes	0	0	0.0	355	0.0	355	0.0	355	0.0	355	0.0	355	0.0	355
8Y	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
9B	PEM	Yes	Yes	0	0	0.1	2,242	0.1	2,242	0.1	2,242	0.1	2,242	0.1	2,242	0.1	2,242
9BB	PFO	Yes	Yes	0	0	0.0	78	0.0	78	0.0	78	0.0	78	0.0	78	0.0	78
9D	PFO	Yes	Yes	0	0	0.0	1,249	0.0	1,249	0.0	1,249	0.0	1,249	0.0	1,249	0.0	1,249
9DD	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
9E	PEM	Yes	Yes	0	0	0.0	1,029	0.0	1,029	0.0	1,029	0.0	1,029	0.0	1,029	0.0	1,029
9EE	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
9HH	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
9K	PSS	Yes	Yes	0	0	0.0	5	0.0	106	0.0	106	0.0	106	0.0	106	0.0	106
9KK	PFO	Yes	Yes	0	0	0.0	752	0.0	752	0.0	752	0.0	752	0.0	752	0.0	752
9N	PSS	Yes	Yes	0	0	0.0	1,020	0.0	1,020	0.0	1,020	0.0	1,020	0.0	1,020	0.0	1,020
9NN	PFO	Yes	Yes	0	0	0.0	383	0.0	383	0.0	383	0.0	383	0.0	383	0.0	383
9PP	PFO	Yes	Yes	0	0	0.1	5,321	0.1	5,321	0.1	5,321	0.1	5,321	0.1	5,321	0.1	5,321
9SS	PFO	Yes	Yes	0	0	0.0	1,488	0.0	1,488	0.0	1,488	0.0	1,488	0.0	1,488	0.0	1,488
9TT	PFO	Yes	Yes	0	0	0.0	185	0.0	862	0.0	862	0.0	862	0.0	862	0.0	862
9W	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
9WW	PFO	Yes	Yes	0	0	0.0	184	0.0	804	0.0	804	0.0	804	0.0	804	0.0	804
10D	PSS	Yes	Yes	0	0	0.2	9,707	0.2	9,707	0.2	9,707	0.2	9,707	0.2	9,707	0.2	9,707
10DD	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
10EE	PFO	Yes	Yes	0	0	0.1	4,189	0.1	4,189	0.1	4,189	0.1	4,189	0.1	4,189	0.1	4,189
10GG	PFO	Yes	Yes	0	0	0.1	3,076	0.1	3,076	0.1	3,076	0.1	3,076	0.1	3,076	0.1	3,076
10H	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
10I	PFO	Yes	Yes	0	0	0.0	322	0.0	322	0.0	322	0.0	322	0.0	322	0.0	322
10M	PFO	Yes	Yes	0	0	0.1	2,698	0.1	2,698	0.1	2,698	0.1	2,698	0.1	2,698	0.1	2,698
10NN	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
10P	PFO	Yes	Yes	0	0	0.0	378	0.0	378	0.0	378	0.0	378	0.0	378	0.0	378
10R	PFO	Yes	Yes	0	0	0.1	2,451	0.1	2,451	0.1	2,451	0.1	2,451	0.1	2,451	0.1	2,451
10T	PFO	Yes	Yes	0	0	0.1	3,337	0.1	3,337	0.1	3,337	0.1	3,337	0.1	3,337	0.1	3,337
10V	PEM	Yes	Yes	0	0	0.1	2,283	0.1	2,283	0.1	2,283	0.1	2,283	0.1	2,283	0.1	2,283
10VV	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
10W	PEM	Yes	Yes	0	0	0.0	1,232	0.0	1,232	0.0	1,232	0.0	1,232	0.0	1,232	0.0	1,232
10WW	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
10XX	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
10Z	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
11B	PFO	Yes	Yes	0	0	0.0	400	0.0	400	0.0	400	0.0	400	0.0	400	0.0	400
11DD	PEM	Yes	Yes	0	0	0.0	299	0.0	299	0.0	299	0.0	299	0.0	299	0.0	299
11EE	PFO	Yes	Yes	0	0	0.1	2,575	0.1	2,575	0.1	2,575	0.1	2,575	0.1	2,575	0.1	2,575
11F	PEM	Yes	Yes	0	0	0.0	2,119	0.1	2,990	0.1	2,990	0.1	2,990	0.1	2,990	0.1	2,990
11FF	PFO	Yes	Yes	0	0	0.0	20	0.0	20	0.0	20	0.0	20	0.0	20	0.0	20
11HH	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
11I	PFO	Yes	Yes	0	0	0.1	2,188	0.1	2,188	0.1	2,188	0.1	2,188	0.1	2,188	0.1	2,188
11II	PFO	Yes	Yes	0	0	0.0	890	0.0	890	0.0	890	0.0	890	0.0	890	0.0	890
11K	PFO	Yes	Yes	0	0	0.0	1,682	0.0	1,805	0.0	1,805	0.0	1,805	0.0	1,805	0.0	1,805
11N	PFO	Yes	Yes	0	0	0.0	753	0.0	753	0.0	753	0.0	753	0.0	753	0.0	753
11O	PEM	Yes	Yes	0	0	0.3	11,773	0.3	11,773	0.3	11,773	0.3	11,773	0.3	11,773	0.3	11,773
11P	PFO	Yes	Yes	0	0	0.2	6,703	0.2	6,703	0.2	6,703	0.2	6,703	0.2	6,703	0.2	6,703
11Q	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
11U	PFO	Yes	Yes	0	0	0.4	18,116	0.5	20,752	0.5	20,752	0.5	20,752	0.5	20,752	0.5	20,752
11W	PEM	Yes	Yes	0	0	0.0	571	0.0	571	0.0	571	0.0	571	0.0	571	0.0	571
11X	PEM	Yes	Yes	0	0	0.0	1,196	0.0	1,196	0.0	1,196	0.0	1,196	0.0	1,196	0.0	1,196
11Z	PFO	Yes	Yes	0	0	0.8	33,799	0.8	33,799	0.8	33,799	0.8	33,799	0.8	33,799	0.8	33,799
12A	PEM	Yes	Yes	0	0	0.0	1,202	0.0	1,202	0.0	1,202	0.0	1,202	0.0	1,202	0.0	1,202
12AA	PFO	Yes	Yes	0	0	0.1	4,843	0.1	4,843	0.1	4,843	0.1	4,843	0.1	4,843	0.1	4,843
12AAA	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12B	PEM	Yes	Yes	0	0	0.0	1,187	0.0	1,187	0.0	1,187	0.0	1,187	0.0	1,187	0.0	1,187
12BB	PFO	Yes	Yes	0	0	0.7	29,428	0.7	29,428	0.7	29,428	0.7	29,428	0.7	29,428	0.7	29,428
12BBBB	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12CC	PFO	Yes	Yes	0	0	0.1	4,227	0.1	4,227	0.1	4,227	0.1	4,227	0.1	4,227	0.1	4,227
12CCCC	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12D	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12DDD	PEM	Yes	Yes	0	0	0.1	2,831	0.1	2,831	0.1	2,831	0.1	2,831	0.1	2,831	0.1	2,831
12DDDD	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12EEE	PFO	Yes	Yes	0	0	0.2	7,415	0.2	7,415	0.2	7,415	0.2	7,415	0.2	7,415	0.2	7,415
12FF	PEM	Yes	Yes	0	0	0.1	2,339	0.1	2,339	0.1	2,339	0.1	2,339	0.1	2,339	0.1	2,339

Table 1: Impacts to Wetlands by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
12GG	PFO	Yes	Yes	0	0	0.0	527	0.0	527	0.0	527	0.0	527	0.0	527	0.0	527
12GGGG	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12IIII	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12J	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12JJ	PEM	Yes	Yes	0	0	0.1	2,223	0.1	2,223	0.1	2,223	0.1	2,223	0.1	2,223	0.1	2,223
12JJJJ	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12LLL	PFO	Yes	Yes	0	0	0.1	2,303	0.1	2,303	0.1	2,303	0.1	2,303	0.1	2,303	0.1	2,303
12N	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12NN	PFO	Yes	Yes	0	0	0.0	232	0.1	2,896	0.1	2,896	0.1	2,896	0.1	2,896	0.1	2,896
12NNNN	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12OOO	PEM	Yes	Yes	0	0	0.0	1,050	0.0	1,050	0.0	1,050	0.0	1,050	0.0	1,050	0.0	1,050
12OOOO	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12PPPP	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12Q	PFO	Yes	Yes	0	0	0.1	4,480	0.1	4,480	0.1	4,480	0.1	4,480	0.1	4,480	0.1	4,480
12QQ	PFO	Yes	Yes	0	0	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11
12SS	PFO	Yes	Yes	0	0	0.3	14,105	0.3	14,105	0.3	14,105	0.3	14,105	0.3	14,105	0.3	14,105
12SSS	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12TTT	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12U	PFO	Yes	Yes	0	0	0.1	3,508	0.1	3,508	0.1	3,508	0.1	3,508	0.1	3,508	0.1	3,508
12UU	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12VV	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12W	PFO	Yes	Yes	0	0	0.2	8,335	0.2	8,335	0.2	8,335	0.2	8,335	0.2	8,335	0.2	8,335
12X	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12XXX	PEM	Yes	Yes	0	0	0.1	3,179	0.1	3,179	0.1	3,179	0.1	3,179	0.1	3,179	0.1	3,179
12YY	PFO	Yes	Yes	0	0	0.0	715	0.0	715	0.0	715	0.0	715	0.0	715	0.0	715
12ZZZ	PFO	Yes	Yes	0	0	0.2	8,429	0.2	8,429	0.2	8,429	0.2	8,429	0.2	8,429	0.2	8,429
14C	PEM	Yes	Yes	0	0	0.0	188	0.0	188	0.0	188	0.0	188	0.0	188	0.0	188
14D	PSS	Yes	Yes	0	0	0.0	357	0.0	611	0.0	611	0.0	611	0.0	611	0.0	611
14F	PEM	Yes	Yes	0	0	0.0	345	0.0	345	0.0	345	0.0	345	0.0	345	0.0	345
14I	PFO	Yes	Yes	0	0	0.0	1,100	0.1	2,500	0.1	2,500	0.1	2,500	0.1	2,500	0.1	2,500
14K	PFO	Yes	Yes	0	0	0.0	470	0.0	470	0.0	470	0.0	470	0.0	470	0.0	470
16H	PEM	Yes	Yes	0	0	0.0	1,143	0.0	1,143	0.0	1,143	0.0	1,143	0.0	1,143	0.0	1,143
16L	PFO	Yes	Yes	0	0	-	-	0.0	148	0.0	148	0.0	148	0.0	148	0.0	148
17A	PEM	Yes	Yes	0	0	0.0	840	0.0	840	0.0	840	0.0	840	0.0	840	0.0	840
17AA	PFO	Yes	Yes	0	0	0.0	297	0.0	297	0.0	297	0.0	297	0.0	297	0.0	297
17CC	PFO	Yes	Yes	0	0	0.0	1,280	0.1	3,685	0.1	3,685	0.1	3,685	0.1	3,685	0.1	3,685
17E	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17FF	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17GG	PFO	No	Yes	0	0	0.0	469	0.0	469	0.0	469	0.0	469	0.0	469	0.0	469
17K	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17L	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17M	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17O	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17S	PFO	Yes	Yes	0	0	0.0	188	0.1	4,161	0.1	4,161	0.1	4,161	0.1	4,161	0.1	4,161
17T	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17U	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17V	PFO	Yes	Yes	0	0	0.2	6,738	0.2	8,437	0.2	8,437	0.2	8,437	0.2	8,437	0.2	8,437
17X	PFO	Yes	Yes	0	0	0.0	90	0.0	90	0.0	90	0.0	90	0.0	90	0.0	90
18F	PFO	Yes	Yes	0	0	0.0	95	0.0	95	0.0	95	0.0	95	0.0	95	0.0	95
18H	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
18K	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
18L	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
18M	PFO	Yes	Yes	0	0	0.1	2,179	0.1	3,747	0.1	3,747	0.1	3,747	0.1	3,747	0.1	3,747
19D	PFO	Yes	Yes	0	0	0.0	169	0.0	169	0.0	169	0.0	169	0.0	169	0.0	169
19M	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
19O	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
19Q	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
19S	PFO	Yes	Yes	0	0	0.0	887	0.0	887	0.0	887	0.0	887	0.0	887	0.0	887
19U	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
19W	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
19Y	PEM	Yes	Yes	0	0	0.1	2,335	0.1	2,335	0.1	2,335	0.1	2,335	0.1	2,335	0.1	2,335
21P	PFO	Yes	Yes	0	0	0.0	709	0.0	709	0.0	709	0.0	709	0.0	709	0.0	709
21Q	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
21T	PFO	Yes	Yes	0	0	0.0	366	0.0	863	0.0	863	0.0	863	0.0	863	0.0	863
22BBB	PFO	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-	-	-
22E	PEM	Yes	Yes	0	0	0.0	237	0.0	237	0.0	237	0.0	237	0.0	237	0.0	237
22F	PEM	Yes	Yes	0	0	0.0	928	0.0	928	0.0	928	0.0	928	0.0	928	0.0	928
22G	PFO	Yes	Yes	0	0	0.0	850	0.0	850	0.0	850	0.0	850	0.0	850	0.0	850
22GG	PEM	Yes	Yes	0	0	0.0	804	0.0	804	0.0	804	0.0	804	0.0	804	0.0	804
22I	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
22II	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
22JJ	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
22K	PEM	Yes	Yes	0	0	0.0	1,289	0.0	1,289	0.0	1,289	0.0	1,289	0.0	1,289	0.0	1,289

Table 1: Impacts to Wetlands by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
22L	PEM	Yes	Yes	0	0	0.0	1,053	0.0	1,053	0.0	1,053	0.0	1,053	0.0	1,053	0.0	1,053
22LL	PFO	Yes	Yes	0	0	0.0	1,988	0.0	1,988	0.0	1,988	0.0	1,988	0.0	1,988	0.0	1,988
22O	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
22OO	PFO	Yes	Yes	0	0	0.2	10,160	0.3	12,137	0.3	12,137	0.3	12,137	0.3	12,137	0.3	12,137
22PP	PFO	Yes	Yes	0	0	0.0	643	0.0	643	0.0	643	0.0	643	0.0	643	0.0	643
22R	PFO	Yes	Yes	0	0	0.0	646	0.0	646	0.0	646	0.0	646	0.0	646	0.0	646
22TT	PFO	Yes	No	0	0	0.0	2,021	0.0	2,021	0.0	2,021	0.0	2,021	0.0	2,021	0.0	2,021
22U	PFO	Yes	Yes	0	0	0.0	1,007	0.0	1,007	0.0	1,007	0.0	1,007	0.0	1,007	0.0	1,007
22W	PEM	Yes	Yes	0	0	0.3	14,125	0.3	15,186	0.3	15,186	0.3	15,186	0.3	15,186	0.3	15,186
22X	PFO	Yes	Yes	0	0	0.0	1,120	0.0	1,120	0.0	1,120	0.0	1,120	0.0	1,120	0.0	1,120
22Y	PEM	Yes	Yes	0	0	0.0	1,791	0.0	1,791	0.0	1,791	0.0	1,791	0.0	1,791	0.0	1,791
23BB	PEM	Yes	Yes	0	0	0.0	1,406	0.0	1,406	0.0	1,406	0.0	1,406	0.0	1,406	0.0	1,406
23CC	PFO	Yes	Yes	0	0	0.0	1,177	0.0	2,127	0.0	2,127	0.1	2,985	0.0	1,177	0.0	2,127
23EE	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
23F	PEM	Yes	Yes	0	0	-	-	-	-	-	-	0.1	2,674	-	-	0.1	2,674
23GG	PFO	Yes	Yes	0	0	0.0	1,211	0.0	1,211	0.0	1,211	0.0	1,211	0.0	1,211	0.0	1,211
23HH	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
23J	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
23KK	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
23L	PEM	Yes	Yes	0	0	0.0	253	0.0	253	0.0	253	0.0	253	0.0	253	0.0	253
23P	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
23W	PEM	Yes	Yes	0	0	0.1	2,248	0.1	2,248	0.1	2,248	0.1	3,549	0.1	2,248	0.1	3,549
23X	PEM	Yes	Yes	0	0	0.0	1,039	0.0	1,039	0.0	1,039	0.0	1,039	0.0	1,039	0.0	1,039
24M	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
24N	PFO	Yes	Yes	0	0	0.0	70	0.0	70	0.0	70	0.0	70	0.0	70	0.0	70
24Q	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
24R	PFO	Yes	Yes	0	0	0.0	27	0.0	27	0.0	27	0.0	27	0.0	27	0.0	27
25B	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
25D	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
25K	PEM	Yes	Yes	0	0	0.0	796	0.0	1,325	0.0	1,325	0.1	3,215	0.0	1,164	0.1	2,583
26A	PEM	Yes	Yes	0	0	0.0	1,308	0.0	1,912	0.0	1,912	0.0	1,912	0.0	1,912	0.0	1,912
26D	PEM	Yes	Yes	0	0	0.0	817	0.0	817	0.0	817	0.0	817	0.0	817	0.0	817
26E	PEM	Yes	Yes	0	0	0.0	1,407	0.0	1,407	0.0	1,407	0.0	1,407	0.0	1,407	0.0	1,407
26F	PEM	Yes	No	0	0	0.2	7,213	0.2	7,213	0.2	7,213	0.2	7,213	0.2	7,213	0.2	7,213
26H	PEM	Yes	Yes	0	0	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9
27E	PFO	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
27F	PFO	Yes	Yes	0	0	0.0	5	0.0	277	0.0	277	0.0	1,288	0.0	200	0.0	1,128
27G	PSS	Yes	Yes	0	0	0.0	2	0.0	2	0.0	2	0.0	2	0.0	2	0.0	2
27M	PFO	Yes	Yes	0	0	0.1	5,862	0.1	5,862	0.1	5,862	0.1	5,862	0.1	5,862	0.1	5,862
29G	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
29J	PEM	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-

NOTES: 1. Zero impacts occur in alternative 1, therefore all values are denoted as "0."

2. A "-" symbol indicates that no impact to the feature occurs in the respective alternative.

Table 2: Impacts to Wetland Buffers by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
1AA	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1B	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1BB	PEM	No	Yes	0	0	0.02	1,037	0.02	1,037	0.02	1,037	0.02	1,037	0.02	1,037	0.02	1,037
1BBB	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1C	PFO	No	Yes	0	0	0.29	12,699	0.29	12,699	0.29	12,699	0.29	12,699	0.29	12,699	0.29	12,699
1CC	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1CCC	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1DD	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1DDD	PEM	No	Yes	0	0	0.05	2,103	0.05	2,103	0.05	2,103	0.05	2,103	0.05	2,103	0.05	2,103
1E	PFO	No	Yes	0	0	0.13	5,581	0.13	5,581	0.13	5,581	0.13	5,581	0.13	5,581	0.13	5,581
1EE	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1F	PFO	No	Yes	0	0	0.17	7,259	0.17	7,259	0.17	7,259	0.17	7,259	0.17	7,259	0.17	7,259
1FF	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1I	PFO	No	Yes	0	0	0.13	5,643	0.13	5,643	0.13	5,643	0.13	5,643	0.13	5,643	0.13	5,643
1II	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1J	PFO	No	Yes	0	0	0.03	1,378	0.03	1,378	0.03	1,378	0.03	1,378	0.03	1,378	0.03	1,378
1JJ	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1K	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1KK	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1MM	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
1QQ	PFO	No	Yes	0	0	0.17	7,291	0.17	7,291	0.17	7,291	0.17	7,291	0.17	7,291	0.17	7,291
1T	PSS	No	Yes	0	0	0.36	15,859	0.36	15,859	0.36	15,859	0.36	15,859	0.36	15,859	0.36	15,859
1UU	PFO	No	Yes	0	0	0.10	4,180	0.10	4,180	0.10	4,180	0.10	4,180	0.10	4,180	0.10	4,180
1WW	PEM	No	Yes	0	0	0.06	2,740	0.06	2,740	0.06	2,740	0.06	2,740	0.06	2,740	0.06	2,740
1ZZ	PFO	No	Yes	0	0	0.09	3,914	0.09	3,914	0.09	3,914	0.09	3,914	0.09	3,914	0.09	3,914
2B	PFO	No	Yes	0	0	0.49	21,247	0.49	21,247	0.49	21,247	0.49	21,247	0.49	21,247	0.49	21,247
2BB	PFO	No	Yes	0	0	0.05	1,962	0.05	1,962	0.05	1,962	0.05	1,962	0.05	1,962	0.05	1,962
2C	PFO	No	Yes	0	0	0.45	19,564	0.45	19,564	0.45	19,564	0.45	19,564	0.45	19,564	0.45	19,564
2CC	PEM	No	Yes	0	0	0.05	1,993	0.05	1,993	0.05	1,993	0.05	1,993	0.05	1,993	0.05	1,993
2DD	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
2EE	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
2FF	PEM	No	Yes	0	0	0.46	20,008	0.46	20,008	0.46	20,008	0.46	20,008	0.46	20,008	0.46	20,008
2G	PFO	No	Yes	0	0	0.50	21,862	0.50	21,862	0.50	21,862	0.50	21,862	0.50	21,862	0.50	21,862
2GG	PEM	No	Yes	0	0	0.48	20,743	0.48	20,743	0.48	20,743	0.48	20,743	0.48	20,743	0.48	20,743
2II	PFO	No	Yes	0	0	0.13	5,785	0.13	5,785	0.13	5,785	0.13	5,785	0.13	5,785	0.13	5,785
2K	PEM	No	Yes	0	0	0.22	9,375	0.22	9,375	0.22	9,375	0.22	9,375	0.22	9,375	0.22	9,375
2KK	PEM	No	Yes	0	0	0.02	786	0.02	786	0.02	786	0.02	786	0.02	786	0.02	786
2LL	PFO	No	Yes	0	0	0.08	3,699	0.08	3,699	0.08	3,699	0.08	3,699	0.08	3,699	0.08	3,699
2M	PFO	No	Yes	0	0	0.18	7,773	0.18	7,773	0.18	7,773	0.18	7,773	0.18	7,773	0.18	7,773
2NN	PFO	No	Yes	0	0	0.16	7,178	0.16	7,178	0.16	7,178	0.16	7,178	0.16	7,178	0.16	7,178
2O	PFO	No	Yes	0	0	0.12	5,350	0.12	5,350	0.12	5,350	0.12	5,350	0.12	5,350	0.12	5,350
2P	PEM	No	Yes	0	0	0.35	15,327	0.39	16,851	0.39	16,851	0.39	16,851	0.39	16,851	0.39	16,851
2Q	PSS	No	Yes	0	0	0.21	9,213	0.21	9,213	0.21	9,213	0.21	9,213	0.21	9,213	0.21	9,213
2RR	PSS	No	Yes	0	0	0.05	1,964	0.05	1,964	0.05	1,964	0.05	1,964	0.05	1,964	0.05	1,964
2S	PFO	No	Yes	0	0	0.78	33,831	0.78	33,831	0.78	33,831	0.78	33,831	0.78	33,831	0.78	33,831
2SS	PFO	No	Yes	0	0	0.14	6,286	0.14	6,286	0.14	6,286	0.14	6,286	0.14	6,286	0.14	6,286
2TT	PEM	No	Yes	0	0	0.15	6,463	0.15	6,463	0.15	6,463	0.15	6,463	0.15	6,463	0.15	6,463
2U	PFO	No	Yes	0	0	0.21	9,087	0.21	9,087	0.21	9,087	0.21	9,087	0.21	9,087	0.21	9,087
2WW	PFO	No	Yes	0	0	0.26	11,284	0.26	11,284	0.26	11,284	0.26	11,284	0.26	11,284	0.26	11,284
2XX	PFO	No	Yes	0	0	0.08	3,468	0.08	3,468	0.08	3,468	0.08	3,468	0.08	3,468	0.08	3,468
3AAA	PFO	No	Yes	0	0	0.03	1,282	0.03	1,282	0.03	1,282	0.03	1,282	0.03	1,282	0.03	1,282
3B	PFO	No	Yes	0	0	0.40	17,244	0.40	17,244	0.40	17,244	0.40	17,244	0.40	17,244	0.40	17,244
3C	PEM	No	Yes	0	0	0.06	2,674	0.06	2,674	0.06	2,674	0.06	2,674	0.06	2,674	0.06	2,674
3DDD	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3E	PFO	No	Yes	0	0	0.28	12,246	0.28	12,246	0.28	12,246	0.28	12,246	0.28	12,246	0.28	12,246
3EE	PFO	No	Yes	0	0	0.15	6,652	0.15	6,652	0.15	6,652	0.15	6,652	0.15	6,652	0.15	6,652
3FF	PFO	No	Yes	0	0	-	-	0.13	5,475	0.13	5,475	0.13	5,475	0.13	5,475	0.13	5,475
3G	PFO	No	Yes	0	0	0.25	11,069	0.25	11,069	0.25	11,069	0.25	11,069	0.25	11,069	0.25	11,069
3GG	PEM	No	Yes	0	0	0.15	6,598	0.15	6,598	0.15	6,598	0.15	6,598	0.15	6,598	0.15	6,598
3GGG	PFO	No	Yes	0	0	0.05	2,220	0.07	2,876	0.07	2,876	0.07	2,876	0.07	2,876	0.07	2,876
3HH	PFO	No	Yes	0	0	0.69	30,048	0.69	30,048	0.69	30,048	0.69	30,048	0.69	30,048	0.69	30,048
3HHH	PFO	No	Yes	0	0	0.18	7,753	0.18	7,753	0.18	7,753	0.18	7,753	0.18	7,753	0.18	7,753
3II	PEM	No	Yes	0	0	0.37	16,333	0.37	16,333	0.37	16,333	0.37	16,333	0.37	16,333	0.37	16,333
3III	PEM	No	Yes	0	0	0.10	4,443	0.10	4,443	0.10	4,443	0.10	4,443	0.10	4,443	0.10	4,443
3J	PEM	No	Yes	0	0	0.44	19,159	0.44	19,159	0.44	19,159	0.44	19,159	0.44	19,159	0.44	19,159
3JJJ	PFO	No	Yes	0	0	0.09	3,947	0.09	3,947	0.09	3,947	0.09	3,947	0.09	3,947	0.09	3,947
3K	PSS	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3KKK	PSS	No	Yes	0	0	0.01	503	0.02	901	0.02	901	0.02	901	0.02	901	0.02	901
3M	PEM	No	Yes	0	0	0.04	1,634	0.04	1,634	0.04	1,634	0.04	1,634	0.04	1,634	0.04	1,634
3MMM	PEM	No	Yes	0	0	0.01	450	0.01	450	0.01	450	0.01	450	0.01	450	0.01	450
3NN	PEM	No	Yes	0	0	0.14	5,960	0.14	5,960	0.14	5,960	0.14	5,960	0.14	5,960	0.14	5,960
3NNN	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3O	PFO	No	Yes	0	0	0.08	3,588	0.08	3,588	0.08	3,588	0.08	3,588	0.08	3,588	0.08	3,588
3OO	PFO	No	Yes	0	0	0.22	9,590	0.22	9,590	0.22	9,590	0.22	9,590	0.22	9,590	0.22	9,590
3P	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3QQQ	PSS	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3R	PSS	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3RRR	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3SSS	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-

Table 2: Impacts to Wetland Buffers by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
3T	PFO	No	Yes	0	0	0.34	15,006	0.34	15,006	0.34	15,006	0.34	15,006	0.34	15,006	0.34	15,006
3V	PFO	No	Yes	0	0	0.11	4,807	0.11	4,823	0.11	4,823	0.11	4,823	0.11	4,823	0.11	4,823
3W	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
3X	PFO	No	Yes	0	0	0.11	4,869	0.13	5,848	0.13	5,848	0.13	5,848	0.13	5,848	0.13	5,848
3Y	PFO	No	Yes	0	0	0.04	1,664	0.07	3,178	0.07	3,178	0.07	3,178	0.07	3,178	0.07	3,178
4A	PEM	No	Yes	0	0	0.21	9,033	0.21	9,033	0.21	9,033	0.21	9,033	0.21	9,033	0.21	9,033
4AAA	PFO	No	Yes	0	0	0.01	634	0.02	874	0.02	874	0.02	874	0.02	874	0.02	874
4AAAA	PFO	No	Yes	0	0	0.06	2,505	0.07	3,114	0.07	3,114	0.07	3,114	0.07	3,114	0.07	3,114
4AAAAA	PEM	No	Yes	0	0	0.07	2,970	0.07	2,970	0.07	2,970	0.07	2,970	0.07	2,970	0.07	2,970
4BB	PFO	No	Yes	0	0	0.07	3,166	0.18	7,699	0.18	7,699	0.18	7,699	0.18	7,699	0.18	7,699
4CC	PEM	No	Yes	0	0	0.06	2,780	0.06	2,780	0.06	2,780	0.06	2,780	0.06	2,780	0.06	2,780
4CCC	PEM	No	Yes	0	0	0.28	12,093	0.28	12,093	0.28	12,093	0.28	12,093	0.28	12,093	0.28	12,093
4CCCC	PFO	No	Yes	0	0	0.20	8,859	0.20	8,859	0.20	8,859	0.20	8,859	0.20	8,859	0.20	8,859
4D	PFO	No	Yes	0	0	0.10	4,388	0.10	4,388	0.10	4,388	0.10	4,388	0.10	4,388	0.10	4,388
4DD	PEM	No	Yes	0	0	0.11	4,608	0.11	4,608	0.11	4,608	0.11	4,608	0.11	4,608	0.11	4,608
4DDD	PFO	No	Yes	0	0	0.10	4,370	0.13	5,696	0.13	5,696	0.13	5,696	0.13	5,696	0.13	5,696
4EEE	PEM	No	Yes	0	0	0.01	599	0.03	1,121	0.03	1,121	0.03	1,121	0.03	1,121	0.03	1,121
4EEEE	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4F	PFO	No	Yes	0	0	0.10	4,257	0.10	4,257	0.10	4,257	0.10	4,257	0.10	4,257	0.10	4,257
4FFF	PFO	No	Yes	0	0	0.18	7,789	0.18	7,789	0.18	7,789	0.18	7,789	0.18	7,789	0.18	7,789
4FFFF	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4HH	PFO	No	Yes	0	0	0.34	14,801	0.34	14,801	0.34	14,801	0.34	14,801	0.34	14,801	0.34	14,801
4HHHH	PFO	No	Yes	0	0	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8
4I	PEM	No	Yes	0	0	0.13	5,576	0.13	5,576	0.13	5,576	0.13	5,576	0.13	5,576	0.13	5,576
4II	PFO	No	Yes	0	0	0.01	451	0.06	2,774	0.06	2,774	0.06	2,774	0.06	2,774	0.06	2,774
4III	PEM	No	Yes	0	0	0.11	4,934	0.11	4,934	0.11	4,934	0.11	4,934	0.11	4,934	0.11	4,934
4IIII	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4JJJ	PFO	No	Yes	0	0	0.08	3,670	0.08	3,670	0.08	3,670	0.08	3,670	0.08	3,670	0.08	3,670
4KK	PFO	No	Yes	0	0	0.04	1,928	0.07	3,154	0.07	3,154	0.07	3,154	0.07	3,154	0.07	3,154
4KKK	PFO	No	Yes	0	0	0.04	1,670	0.04	1,670	0.04	1,670	0.04	1,670	0.04	1,670	0.04	1,670
4KKKK	PFO	No	Yes	0	0	0.13	5,777	0.13	5,777	0.13	5,777	0.13	5,777	0.13	5,777	0.13	5,777
4LLL	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4MM	PFO	No	Yes	0	0	0.13	5,871	0.13	5,871	0.13	5,871	0.13	5,871	0.13	5,871	0.13	5,871
4MMM	PFO	No	Yes	0	0	0.00	119	0.02	802	0.02	802	0.02	802	0.02	802	0.02	802
4N	PFO	No	Yes	0	0	0.38	16,592	0.41	18,025	0.41	18,025	0.41	18,025	0.41	18,025	0.41	18,025
4NNNN	PFO	No	Yes	0	0	0.21	9,203	0.21	9,203	0.21	9,203	0.21	9,203	0.21	9,203	0.21	9,203
4OOO	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4PPP	PFO	No	Yes	0	0	0.00	78	0.00	78	0.00	78	0.00	78	0.00	78	0.00	78
4QQQ	PEM	No	Yes	0	0	0.04	1,807	0.04	1,807	0.04	1,807	0.04	1,807	0.04	1,807	0.04	1,807
4R	PFO	No	Yes	0	0	0.17	7,448	0.19	8,278	0.19	8,278	0.19	8,278	0.19	8,278	0.19	8,278
4RR	PFO	No	Yes	0	0	0.01	253	0.01	424	0.01	424	0.01	424	0.01	424	0.01	424
4RRRR	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4SS	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4SSS	PFO	No	Yes	0	0	0.15	6,643	0.15	6,643	0.15	6,643	0.15	6,643	0.15	6,643	0.15	6,643
4UU	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4V	PFO	No	Yes	0	0	0.11	4,996	0.11	4,996	0.11	4,996	0.11	4,996	0.11	4,996	0.11	4,996
4VV	PFO	No	Yes	0	0	0.09	3,713	0.09	3,713	0.09	3,713	0.09	3,713	0.09	3,713	0.09	3,713
4VVV	PFO	No	Yes	0	0	0.18	7,795	0.18	7,795	0.18	7,795	0.18	7,795	0.18	7,795	0.18	7,795
4VVVV	PEM	No	Yes	0	0	0.03	1,451	0.03	1,451	0.03	1,451	0.03	1,451	0.03	1,451	0.03	1,451
4WW	PFO	No	Yes	0	0	0.08	3,349	0.08	3,349	0.08	3,349	0.08	3,349	0.08	3,349	0.08	3,349
4WWW	PFO	No	Yes	0	0	0.66	28,609	0.66	28,609	0.66	28,609	0.66	28,609	0.66	28,609	0.66	28,609
4WWWW	PEM	No	Yes	0	0	0.03	1,521	0.03	1,521	0.03	1,521	0.03	1,521	0.03	1,521	0.03	1,521
4XX	PFO	No	Yes	0	0	0.16	6,884	0.16	6,884	0.16	6,884	0.16	6,884	0.16	6,884	0.16	6,884
4XXX	PFO	No	Yes	0	0	0.23	10,021	0.23	10,021	0.23	10,021	0.23	10,021	0.23	10,021	0.23	10,021
4YY	PSS	No	Yes	0	0	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3
4YYYY	PSS	No	Yes	0	0	0.10	4,388	0.10	4,388	0.10	4,388	0.10	4,388	0.10	4,388	0.10	4,388
4ZZ	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
4ZZZ	PFO	No	Yes	0	0	0.20	8,845	0.20	8,845	0.20	8,845	0.20	8,845	0.20	8,845	0.20	8,845
5A	PFO	No	Yes	0	0	0.01	470	0.01	470	0.01	470	0.01	470	0.01	470	0.01	470
5AA	PSS	No	Yes	0	0	0.19	8,393	0.19	8,393	0.19	8,393	0.19	8,393	0.19	8,393	0.19	8,393
5C	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
5CC	PFO	No	Yes	0	0	0.01	566	0.02	1,061	0.02	1,061	0.02	1,061	0.02	1,061	0.02	1,061
5DD	PEM	No	Yes	0	0	0.06	2,550	0.06	2,550	0.06	2,550	0.06	2,550	0.06	2,550	0.06	2,550
5E	PSS	No	Yes	0	0	1.67	72,936	1.67	72,936	1.67	72,936	1.67	72,936	1.67	72,936	1.67	72,936
5G	PSS	No	Yes	0	0	0.07	2,949	0.07	2,949	0.07	2,949	0.07	2,949	0.07	2,949	0.07	2,949
5GG	PFO	No	Yes	0	0	0.30	13,249	0.30	13,249	0.30	13,249	0.30	13,249	0.30	13,249	0.30	13,249
5I	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
5II	PFO	No	Yes	0	0	0.06	2,474	0.16	7,178	0.16	7,178	0.16	7,178	0.16	7,178	0.16	7,178
5K	PFO	No	Yes	0	0	0.20	8,624	0.20	8,624	0.20	8,624	0.20	8,624	0.20	8,624	0.20	8,624
5L	PFO	No	Yes	0	0	0.11	4,745	0.11	4,745	0.11	4,745	0.11	4,745	0.11	4,745	0.11	4,745
5LL	PEM	No	Yes	0	0	0.02	1,053	0.04	1,560	0.04	1,560	0.04	1,560	0.04	1,560	0.04	1,560
5M	PEM	No	Yes	0	0	0.04	1,802	0.04	1,802	0.04	1,802	0.04	1,802	0.04	1,802	0.04	1,802
5R	PEM	No	Yes	0	0	0.60	26,223	0.60	26,223	0.60	26,223	0.60	26,223	0.60	26,223	0.60	26,223
5RR	PFO	No	Yes	0	0	0.08	3,693	0.08	3,693	0.08	3,693	0.08	3,693	0.08	3,693	0.08	3,693
5TT	PEM	No	Yes	0	0	0.05	2,277	0.05	2,277	0.05	2,277	0.05	2,277	0.05	2,277	0.05	2,277
5UU	PSS	No	Yes	0	0	0.22	9,693	0.22	9,693	0.22	9,693	0.22	9,693	0.22	9,693	0.22	9,693
5V	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
5X	PFO	No	Yes	0	0	0.08	3,596	0.08	3,596	0.08	3,596	0.08	3,596	0.08	3,596	0.08	3,596
5Z	PFO	No	Yes	0	0	0.26	11,327	0.26	11,327	0.26	11,327	0.26	11,327	0.26	11,327	0.26	11,327

Table 2: Impacts to Wetland Buffers by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
6A	PFO	No	Yes	0	0	0.15	6,474	0.18	7,663	0.18	7,663	0.18	7,663	0.18	7,663	0.18	7,663
6C	PFO	No	Yes	0	0	0.46	20,217	0.49	21,435	0.49	21,435	0.49	21,435	0.49	21,435	0.49	21,435
6CC	PFO	No	Yes	0	0	0.02	734	0.02	734	0.02	734	0.02	734	0.02	734	0.02	734
6CCC	PEM	No	Yes	0	0	0.59	25,859	0.59	25,859	0.59	25,859	0.59	25,859	0.59	25,859	0.59	25,859
6CCCC	PFO	No	Yes	0	0	0.12	5,118	0.12	5,118	0.12	5,118	0.12	5,118	0.12	5,118	0.12	5,118
6DD	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6E	PFO	No	Yes	0	0	0.14	6,315	0.14	6,315	0.14	6,315	0.14	6,315	0.14	6,315	0.14	6,315
6F	PFO	No	Yes	0	0	0.22	9,493	0.26	11,116	0.26	11,116	0.26	11,116	0.26	11,116	0.26	11,116
6FF	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6FFF	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6GG	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6GGGG	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6H	PEM	No	Yes	0	0	0.16	7,003	0.16	7,003	0.16	7,003	0.16	7,003	0.16	7,003	0.16	7,003
6HHH	PFO	No	Yes	0	0	0.09	4,046	0.10	4,386	0.10	4,386	0.10	4,386	0.10	4,386	0.10	4,386
6I	PFO	No	Yes	0	0	0.21	9,085	0.21	9,085	0.21	9,085	0.21	9,085	0.21	9,085	0.21	9,085
6II	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6K	PFO	No	Yes	0	0	0.15	6,730	0.15	6,730	0.15	6,730	0.15	6,730	0.15	6,730	0.15	6,730
6KKK	PEM	No	Yes	0	0	0.15	6,619	0.15	6,619	0.15	6,619	0.15	6,619	0.15	6,619	0.15	6,619
6LL	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6N	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6OO	PEM	No	Yes	0	0	0.46	19,830	0.46	19,830	0.46	19,830	0.46	19,830	0.46	19,830	0.46	19,830
6OOO	PFO	No	Yes	0	0	0.01	231	0.01	231	0.01	231	0.01	231	0.01	231	0.01	231
6P	PFO	No	Yes	0	0	0.27	11,940	0.30	13,241	0.30	13,241	0.30	13,241	0.30	13,241	0.30	13,241
6PP	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
6PPP	PFO	No	Yes	0	0	0.68	29,553	0.68	29,553	0.68	29,553	0.68	29,553	0.68	29,553	0.68	29,553
6Q	PFO	No	Yes	0	0	0.10	4,456	0.10	4,456	0.10	4,456	0.10	4,456	0.10	4,456	0.10	4,456
6QQ	PFO	No	Yes	0	0	0.05	2,388	0.05	2,388	0.05	2,388	0.05	2,388	0.05	2,388	0.05	2,388
6QQQ	PEM	No	Yes	0	0	0.01	575	0.03	1,206	0.03	1,206	0.03	1,206	0.03	1,206	0.03	1,206
6RR	PEM	No	Yes	0	0	0.04	1,618	0.04	1,618	0.04	1,618	0.04	1,618	0.04	1,618	0.04	1,618
6S	PEM	No	Yes	0	0	0.09	4,089	0.09	4,089	0.09	4,089	0.09	4,089	0.09	4,089	0.09	4,089
6SSS	PEM	No	Yes	0	0	0.06	2,416	0.06	2,416	0.06	2,416	0.06	2,416	0.06	2,416	0.06	2,416
6U	PFO	No	Yes	0	0	0.89	38,728	0.89	38,728	0.89	38,728	0.89	38,728	0.89	38,728	0.89	38,728
6VV	PFO	No	Yes	0	0	0.27	11,947	0.27	11,947	0.27	11,947	0.27	11,947	0.27	11,947	0.27	11,947
6VVV	PFO	No	Yes	0	0	0.07	3,136	0.09	3,861	0.09	3,861	0.09	3,861	0.09	3,861	0.09	3,861
6XXX	PFO	No	Yes	0	0	0.06	2,482	0.07	2,863	0.07	2,863	0.07	2,863	0.07	2,863	0.07	2,863
6Y	PFO	No	Yes	0	0	0.64	27,980	0.64	27,980	0.64	27,980	0.64	27,980	0.64	27,980	0.64	27,980
6YYY	PEM	No	Yes	0	0	0.06	2,403	0.08	3,663	0.08	3,663	0.08	3,663	0.08	3,663	0.08	3,663
6ZZ	PFO	No	Yes	0	0	0.09	3,871	0.09	3,871	0.09	3,871	0.09	3,871	0.09	3,871	0.09	3,871
6ZZZ	PFO	No	Yes	0	0	0.21	9,340	0.21	9,340	0.21	9,340	0.21	9,340	0.21	9,340	0.21	9,340
7C	PEM	No	Yes	0	0	0.01	592	0.04	1,843	0.04	1,843	0.04	1,843	0.04	1,843	0.04	1,843
7CC	PEM	No	Yes	0	0	0.07	3,060	0.07	3,060	0.07	3,060	0.07	3,060	0.07	3,060	0.07	3,060
7DD	PFO	No	Yes	0	0	0.07	3,218	0.07	3,218	0.07	3,218	0.07	3,218	0.07	3,218	0.07	3,218
7EE	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
7FF	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
7HH	PFO	No	Yes	0	0	0.11	4,787	0.11	4,787	0.11	4,787	0.11	4,787	0.11	4,787	0.11	4,787
7J	PFO	No	Yes	0	0	0.31	13,560	0.31	13,560	0.31	13,560	0.31	13,560	0.31	13,560	0.31	13,560
7K	PEM	No	Yes	0	0	0.31	13,442	0.31	13,442	0.31	13,442	0.31	13,442	0.31	13,442	0.31	13,442
7KK	PFO	No	Yes	0	0	0.12	5,148	0.12	5,148	0.12	5,148	0.12	5,148	0.12	5,148	0.12	5,148
7L	PFO	No	Yes	0	0	0.16	6,945	0.16	6,945	0.16	6,945	0.16	6,945	0.16	6,945	0.16	6,945
7LL	PEM	No	Yes	0	0	0.15	6,730	0.15	6,730	0.15	6,730	0.15	6,730	0.15	6,730	0.15	6,730
7M	PFO	No	Yes	0	0	0.20	8,683	0.20	8,683	0.20	8,683	0.20	8,683	0.20	8,683	0.20	8,683
7P	PEM	No	Yes	0	0	0.21	9,060	0.21	9,060	0.21	9,060	0.21	9,060	0.21	9,060	0.21	9,060
7R	PEM	No	Yes	0	0	0.10	4,292	0.10	4,292	0.10	4,292	0.10	4,292	0.10	4,292	0.10	4,292
7RR	PEM	No	Yes	0	0	0.12	5,267	0.12	5,267	0.12	5,267	0.12	5,267	0.12	5,267	0.12	5,267
7U	PSS	No	Yes	0	0	0.07	3,016	0.07	3,016	0.07	3,016	0.07	3,016	0.07	3,016	0.07	3,016
7W	PFO	No	Yes	0	0	0.20	8,826	0.20	8,826	0.20	8,826	0.20	8,826	0.20	8,826	0.20	8,826
7Y	PFO	No	Yes	0	0	0.08	3,374	0.08	3,374	0.08	3,374	0.08	3,374	0.08	3,374	0.08	3,374
7Z	PFO	No	Yes	0	0	0.17	7,604	0.19	8,277	0.19	8,277	0.19	8,277	0.19	8,277	0.19	8,277
8FF	PFO	No	Yes	0	0	0.01	231	0.01	231	0.01	231	0.01	231	0.01	231	0.01	231
8H	PFO	No	Yes	0	0	0.22	9,721	0.22	9,721	0.22	9,721	0.22	9,721	0.22	9,721	0.22	9,721
8JJ	PFO	No	Yes	0	0	0.10	4,212	0.10	4,212	0.10	4,212	0.10	4,212	0.10	4,212	0.10	4,212
8K	PEM	No	Yes	0	0	0.24	10,487	0.24	10,487	0.24	10,487	0.24	10,487	0.24	10,487	0.24	10,487
8KK	PSS	No	Yes	0	0	0.02	1,068	0.02	1,068	0.02	1,068	0.02	1,068	0.02	1,068	0.02	1,068
8L	PFO	No	Yes	0	0	0.18	7,640	0.18	7,640	0.18	7,640	0.18	7,640	0.18	7,640	0.18	7,640
8LL	PFO	No	Yes	0	0	0.03	1,425	0.03	1,425	0.03	1,425	0.03	1,425	0.03	1,425	0.03	1,425
8M	PEM	No	Yes	0	0	0.19	8,461	0.19	8,461	0.19	8,461	0.19	8,461	0.19	8,461	0.19	8,461
8O	PEM	No	Yes	0	0	0.17	7,491	0.17	7,491	0.17	7,491	0.17	7,491	0.17	7,491	0.17	7,491
8P	PSS	No	Yes	0	0	0.13	5,474	0.13	5,474	0.13	5,474	0.13	5,474	0.13	5,474	0.13	5,474
8Q	PEM	No	Yes	0	0	0.06	2,734	0.06	2,734	0.06	2,734	0.06	2,734	0.06	2,734	0.06	2,734
8U	PEM	No	Yes	0	0	0.07	2,924	0.07	2,924	0.07	2,924	0.07	2,924	0.07	2,924	0.07	2,924
8Y	PEM	No	Yes	0	0	0.02	697	0.02	697	0.02	697	0.02	697	0.02	697	0.02	697
9B	PEM	No	Yes	0	0	0.18	7,770	0.18	7,770	0.18	7,770	0.18	7,770	0.18	7,770	0.18	7,770
9BB	PFO	No	Yes	0	0	0.14	6,034	0.17	7,412	0.17	7,412	0.17	7,412	0.17	7,412	0.17	7,412
9D	PFO	No	Yes	0	0	0.16	7,089	0.16	7,089	0.16	7,089	0.16	7,089	0.16	7,089	0.16	7,089
9DD	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
9E	PEM	No	Yes	0	0	0.09	4,002	0.09	4,002	0.09	4,002	0.09	4,002	0.09	4,002	0.09	4,002
9EE	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
9HH	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
9K	PSS	No	Yes	0	0	0.01	402	0.02	727	0.02	727	0.02	727	0.02	727	0.02	727

Table 2: Impacts to Wetland Buffers by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
9KK	PFO	No	Yes	0	0	0.16	6,796	0.16	7,036	0.16	7,036	0.16	7,036	0.16	7,036	0.16	7,036
9N	PSS	No	Yes	0	0	0.10	4,397	0.10	4,397	0.10	4,397	0.10	4,397	0.10	4,397	0.10	4,397
9NN	PFO	No	Yes	0	0	0.10	4,460	0.10	4,460	0.10	4,460	0.10	4,460	0.10	4,460	0.10	4,460
9PP	PFO	No	Yes	0	0	0.16	6,902	0.16	6,902	0.16	6,902	0.16	6,902	0.16	6,902	0.16	6,902
9SS	PFO	No	Yes	0	0	0.18	7,721	0.18	7,721	0.18	7,721	0.18	7,721	0.18	7,721	0.18	7,721
9TT	PFO	No	Yes	0	0	0.06	2,497	0.08	3,504	0.08	3,504	0.08	3,504	0.08	3,504	0.08	3,504
9W	PFO	No	Yes	0	0	0.05	2,114	0.05	2,114	0.05	2,114	0.05	2,114	0.05	2,114	0.05	2,114
9WW	PFO	No	Yes	0	0	0.05	2,263	0.07	2,836	0.07	2,836	0.07	2,836	0.07	2,836	0.07	2,836
10D	PSS	No	Yes	0	0	0.38	16,467	0.38	16,467	0.38	16,467	0.38	16,467	0.38	16,467	0.38	16,467
10DD	PFO	No	Yes	0	0	0.02	953	0.02	953	0.02	953	0.02	953	0.02	953	0.02	953
10EE	PFO	No	Yes	0	0	0.38	16,435	0.38	16,435	0.38	16,435	0.38	16,435	0.38	16,435	0.38	16,435
10GG	PFO	No	Yes	0	0	0.18	8,020	0.18	8,020	0.18	8,020	0.18	8,020	0.18	8,020	0.18	8,020
10H	PFO	No	Yes	0	0	0.01	651	0.05	2,346	0.05	2,346	0.05	2,346	0.05	2,346	0.05	2,346
10I	PFO	No	Yes	0	0	0.05	2,114	0.05	2,114	0.05	2,114	0.05	2,114	0.05	2,114	0.05	2,114
10M	PFO	No	Yes	0	0	0.31	13,541	0.31	13,541	0.31	13,541	0.31	13,541	0.31	13,541	0.31	13,541
10NN	PFO	No	Yes	0	0	0.04	1,827	0.04	1,827	0.04	1,827	0.04	1,827	0.04	1,827	0.04	1,827
10P	PFO	No	Yes	0	0	0.09	3,742	0.09	3,742	0.09	3,742	0.09	3,742	0.09	3,742	0.09	3,742
10R	PFO	No	Yes	0	0	0.32	13,987	0.32	13,987	0.32	13,987	0.32	13,987	0.32	13,987	0.32	13,987
10T	PFO	No	Yes	0	0	0.23	9,940	0.23	9,940	0.23	9,940	0.23	9,940	0.23	9,940	0.23	9,940
10V	PEM	No	Yes	0	0	0.17	7,242	0.17	7,242	0.17	7,242	0.17	7,242	0.17	7,242	0.17	7,242
10VV	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
10W	PEM	No	Yes	0	0	0.18	7,640	0.18	7,640	0.18	7,640	0.18	7,640	0.18	7,640	0.18	7,640
10WW	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
10XX	PFO	No	Yes	0	0	0.01	272	0.01	272	0.01	272	0.01	272	0.01	272	0.01	272
10Z	PFO	No	Yes	0	0	0.03	1,204	0.03	1,204	0.03	1,204	0.03	1,204	0.03	1,204	0.03	1,204
11B	PFO	No	Yes	0	0	0.20	8,513	0.20	8,513	0.20	8,513	0.20	8,513	0.20	8,513	0.20	8,513
11DD	PEM	No	Yes	0	0	0.09	3,834	0.09	3,834	0.09	3,834	0.09	3,834	0.09	3,834	0.09	3,834
11EE	PFO	No	Yes	0	0	0.17	7,211	0.17	7,211	0.17	7,211	0.17	7,211	0.17	7,211	0.17	7,211
11F	PEM	No	Yes	0	0	0.11	4,913	0.14	5,945	0.14	5,945	0.14	5,945	0.14	5,945	0.14	5,945
11FF	PFO	No	Yes	0	0	0.06	2,660	0.07	2,959	0.07	2,959	0.07	2,959	0.07	2,959	0.07	2,959
11HH	PFO	No	Yes	0	0	0.00	71	0.00	71	0.00	71	0.00	71	0.00	71	0.00	71
11I	PFO	No	Yes	0	0	0.21	9,222	0.21	9,222	0.21	9,222	0.21	9,222	0.21	9,222	0.21	9,222
11II	PFO	No	Yes	0	0	0.09	3,857	0.09	3,857	0.09	3,857	0.09	3,857	0.09	3,857	0.09	3,857
11K	PFO	No	Yes	0	0	0.17	7,513	0.20	8,710	0.20	8,710	0.20	8,710	0.20	8,710	0.20	8,710
11N	PFO	No	Yes	0	0	0.12	5,244	0.12	5,244	0.12	5,244	0.12	5,244	0.12	5,244	0.12	5,244
11O	PEM	No	Yes	0	0	0.40	17,322	0.40	17,322	0.40	17,322	0.40	17,322	0.40	17,322	0.40	17,322
11P	PFO	No	Yes	0	0	0.44	19,305	0.44	19,305	0.44	19,305	0.44	19,305	0.44	19,305	0.44	19,305
11Q	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
11U	PFO	No	Yes	0	0	0.31	13,386	0.31	13,515	0.31	13,515	0.31	13,515	0.31	13,515	0.31	13,515
11W	PEM	No	Yes	0	0	0.10	4,139	0.10	4,139	0.10	4,139	0.10	4,139	0.10	4,139	0.10	4,139
11X	PEM	No	Yes	0	0	0.18	7,801	0.18	7,801	0.18	7,801	0.18	7,801	0.18	7,801	0.18	7,801
11Z	PFO	No	Yes	0	0	0.68	29,700	0.68	29,700	0.68	29,700	0.68	29,700	0.68	29,700	0.68	29,700
12A	PEM	No	Yes	0	0	0.10	4,447	0.10	4,447	0.10	4,447	0.10	4,447	0.10	4,447	0.10	4,447
12AA	PFO	No	Yes	0	0	0.23	10,011	0.23	10,011	0.23	10,011	0.23	10,011	0.23	10,011	0.23	10,011
12AAA	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12B	PEM	No	Yes	0	0	0.16	6,910	0.16	6,910	0.16	6,910	0.16	6,910	0.16	6,910	0.16	6,910
12BB	PFO	No	Yes	0	0	0.49	21,475	0.49	21,475	0.49	21,475	0.49	21,475	0.49	21,475	0.49	21,475
12BBBB	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12CC	PFO	No	Yes	0	0	0.20	8,825	0.20	8,825	0.20	8,825	0.20	8,825	0.20	8,825	0.20	8,825
12CCCC	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12D	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12DDD	PEM	No	Yes	0	0	0.22	9,566	0.22	9,566	0.22	9,566	0.22	9,566	0.22	9,566	0.22	9,566
12DDDD	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12EEE	PFO	No	Yes	0	0	0.31	13,464	0.31	13,464	0.31	13,464	0.31	13,464	0.31	13,464	0.31	13,464
12FF	PEM	No	Yes	0	0	0.40	17,354	0.40	17,354	0.40	17,354	0.40	17,354	0.40	17,354	0.40	17,354
12GG	PFO	No	Yes	0	0	0.06	2,415	0.06	2,415	0.06	2,415	0.06	2,415	0.06	2,415	0.06	2,415
12GGGG	PFO	No	Yes	0	0	0.00	21	0.00	21	0.00	21	0.00	21	0.00	21	0.00	21
12IIII	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12J	PFO	No	Yes	0	0	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
12JJ	PEM	No	Yes	0	0	0.17	7,313	0.17	7,313	0.17	7,313	0.17	7,313	0.17	7,313	0.17	7,313
12JJJJ	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12LLL	PFO	No	Yes	0	0	0.09	4,094	0.09	4,094	0.09	4,094	0.09	4,094	0.09	4,094	0.09	4,094
12N	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12NN	PFO	No	Yes	0	0	0.19	8,149	0.22	9,598	0.22	9,598	0.22	9,598	0.22	9,598	0.22	9,598
12NNNN	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12OOO	PEM	No	Yes	0	0	0.16	6,923	0.16	6,923	0.16	6,923	0.16	6,923	0.16	6,923	0.16	6,923
12OOOO	PFO	No	Yes	0	0	0.00	201	0.00	201	0.00	201	0.00	201	0.00	201	0.00	201
12PPPP	PFO	No	Yes	0	0	0.05	2,393	0.05	2,393	0.05	2,393	0.05	2,393	0.05	2,393	0.05	2,393
12Q	PFO	No	Yes	0	0	0.20	8,778	0.20	8,778	0.20	8,778	0.20	8,778	0.20	8,778	0.20	8,778
12QQ	PFO	No	Yes	0	0	0.17	7,523	0.17	7,523	0.17	7,523	0.17	7,523	0.17	7,523	0.17	7,523
12SS	PFO	No	Yes	0	0	0.57	25,008	0.57	25,008	0.57	25,008	0.57	25,008	0.57	25,008	0.57	25,008
12SSS	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12TTT	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12U	PFO	No	Yes	0	0	0.17	7,551	0.17	7,551	0.17	7,551	0.17	7,551	0.17	7,551	0.17	7,551
12UU	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
12VV	PFO	No	Yes	0	0	0.02	791	0.02	791	0.02	791	0.02	791	0.02	791	0.02	791
12W	PFO	No	Yes	0	0	0.17	7,551	0.17	7,551	0.17	7,551	0.17	7,551	0.17	7,551	0.17	7,551
12X	PEM	No	Yes	0	0	0.01	399	0.01	399	0.01	399	0.01	399	0.01	399	0.01	399
12XXX	PEM	No	Yes	0	0	0.39	16,804	0.39	16,804	0.39	16,804	0.39	16,804	0.39	16,804	0.39	16,804

Table 2: Impacts to Wetland Buffers by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
12YY	PFO	No	Yes	0	0	0.06	2,798	0.06	2,798	0.06	2,798	0.06	2,798	0.06	2,798	0.06	2,798
12ZZZ	PFO	No	Yes	0	0	0.19	8,206	0.19	8,206	0.19	8,206	0.19	8,206	0.19	8,206	0.19	8,206
14C	PEM	No	Yes	0	0	0.04	1,716	0.04	1,716	0.04	1,716	0.04	1,716	0.04	1,716	0.04	1,716
14D	PSS	No	Yes	0	0	0.11	4,598	0.17	7,204	0.17	7,204	0.17	7,204	0.17	7,204	0.17	7,204
14F	PEM	No	Yes	0	0	0.10	4,268	0.10	4,268	0.10	4,268	0.10	4,268	0.10	4,268	0.10	4,268
14I	PFO	No	Yes	0	0	0.14	5,933	0.15	6,586	0.15	6,586	0.15	6,586	0.15	6,586	0.15	6,586
14K	PFO	No	Yes	0	0	0.15	6,474	0.15	6,474	0.15	6,474	0.15	6,474	0.15	6,474	0.15	6,474
16H	PEM	No	Yes	0	0	0.23	10,072	0.23	10,072	0.23	10,072	0.23	10,072	0.23	10,072	0.23	10,072
16L	PFO	No	Yes	0	0	0.04	1,844	0.08	3,627	0.08	3,627	0.08	3,627	0.08	3,627	0.08	3,627
17A	PEM	No	Yes	0	0	0.04	1,648	0.04	1,648	0.04	1,648	0.04	1,648	0.04	1,648	0.04	1,648
17AA	PFO	No	Yes	0	0	0.13	5,677	0.19	8,312	0.19	8,312	0.19	8,312	0.19	8,312	0.19	8,312
17CC	PFO	No	Yes	0	0	0.16	7,116	0.17	7,557	0.17	7,557	0.17	7,557	0.17	7,557	0.17	7,557
17E	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17FF	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17GG	PFO	No	Yes	0	0	0.08	3,400	0.08	3,400	0.08	3,400	0.08	3,400	0.08	3,400	0.08	3,400
17K	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17L	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17M	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17O	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
17S	PFO	No	Yes	0	0	0.24	10,523	0.29	12,516	0.29	12,516	0.29	12,516	0.29	12,516	0.29	12,516
17T	PEM	No	Yes	0	0	0.00	4	0.01	425	0.01	425	0.01	425	0.01	425	0.01	425
17U	PFO	No	Yes	0	0	0.01	632	0.06	2,420	0.06	2,420	0.06	2,420	0.06	2,420	0.06	2,420
17V	PFO	No	Yes	0	0	0.52	22,665	0.66	28,823	0.66	28,823	0.66	28,823	0.66	28,823	0.66	28,823
17X	PFO	No	Yes	0	0	0.03	1,229	0.04	1,876	0.04	1,876	0.04	1,876	0.04	1,876	0.04	1,876
18F	PFO	No	Yes	0	0	0.09	3,809	0.09	3,809	0.09	3,809	0.09	3,809	0.09	3,809	0.09	3,809
18H	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
18K	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
18L	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
18M	PFO	No	Yes	0	0	0.11	4,875	0.14	6,200	0.14	6,200	0.14	6,200	0.14	6,200	0.14	6,200
19D	PFO	No	Yes	0	0	0.08	3,329	0.08	3,329	0.08	3,329	0.08	3,329	0.08	3,329	0.08	3,329
19M	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
19O	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
19Q	PFO	No	Yes	0	0	0.11	4,911	0.11	4,911	0.11	4,911	0.11	4,911	0.11	4,911	0.11	4,911
19S	PFO	No	Yes	0	0	0.08	3,394	0.08	3,394	0.08	3,394	0.08	3,394	0.08	3,394	0.08	3,394
19U	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
19W	PFO	No	Yes	0	0	0.01	221	0.02	923	0.02	923	0.02	923	0.02	923	0.02	923
19Y	PEM	No	Yes	0	0	0.01	234	0.01	234	0.01	234	0.01	234	0.01	234	0.01	234
21P	PFO	No	Yes	0	0	0.09	4,076	0.09	4,076	0.09	4,076	0.09	4,076	0.09	4,076	0.09	4,076
21Q	PFO	No	Yes	0	0	0.01	238	0.03	1,436	0.03	1,436	0.03	1,436	0.03	1,436	0.03	1,436
21T	PFO	No	Yes	0	0	0.06	2,603	0.08	3,654	0.08	3,654	0.08	3,654	0.08	3,654	0.08	3,654
22BBB	PFO	No	No	0	0	0.02	807	0.02	807	0.02	807	0.02	807	0.02	807	0.02	807
22E	PEM	No	Yes	0	0	0.10	4,256	0.10	4,256	0.10	4,256	0.10	4,256	0.10	4,256	0.10	4,256
22F	PEM	No	Yes	0	0	0.25	10,820	0.25	10,820	0.25	10,820	0.25	10,820	0.25	10,820	0.25	10,820
22G	PFO	No	Yes	0	0	0.19	8,444	0.19	8,444	0.19	8,444	0.19	8,444	0.19	8,444	0.19	8,444
22GG	PEM	No	Yes	0	0	0.10	4,339	0.10	4,339	0.10	4,339	0.10	4,339	0.10	4,339	0.10	4,339
22I	PFO	No	Yes	0	0	0.10	4,186	0.10	4,186	0.10	4,186	0.10	4,186	0.10	4,186	0.10	4,186
22II	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
22JJ	PFO	No	Yes	0	0	0.00	25	0.00	25	0.00	25	0.00	25	0.00	25	0.00	25
22K	PEM	No	Yes	0	0	0.10	4,368	0.10	4,368	0.10	4,368	0.10	4,368	0.10	4,368	0.10	4,368
22L	PEM	No	Yes	0	0	0.15	6,448	0.15	6,448	0.15	6,448	0.15	6,448	0.15	6,448	0.15	6,448
22LL	PFO	No	Yes	0	0	0.23	10,002	0.23	10,002	0.23	10,002	0.23	10,002	0.23	10,002	0.23	10,002
22O	PFO	No	Yes	0	0	0.03	1,514	0.03	1,514	0.03	1,514	0.03	1,514	0.03	1,514	0.03	1,514
22OO	PFO	No	Yes	0	0	0.20	8,752	0.21	9,160	0.21	9,160	0.21	9,160	0.21	9,160	0.21	9,160
22PP	PFO	No	Yes	0	0	0.12	5,433	0.12	5,433	0.12	5,433	0.12	5,433	0.12	5,433	0.12	5,433
22R	PFO	No	Yes	0	0	0.08	3,566	0.08	3,566	0.08	3,566	0.08	3,566	0.08	3,566	0.08	3,566
22TT	PFO	No	No	0	0	0.03	1,286	0.03	1,286	0.03	1,286	0.03	1,286	0.03	1,286	0.03	1,286
22U	PFO	No	Yes	0	0	0.17	7,449	0.17	7,449	0.17	7,449	0.17	7,449	0.17	7,449	0.17	7,449
22W	PEM	No	Yes	0	0	0.41	17,761	0.43	18,898	0.43	18,898	0.43	18,898	0.43	18,898	0.43	18,898
22X	PFO	No	Yes	0	0	0.14	6,040	0.14	6,040	0.14	6,040	0.14	6,040	0.14	6,040	0.14	6,040
22Y	PEM	No	Yes	0	0	0.21	9,135	0.21	9,135	0.21	9,135	0.21	9,135	0.21	9,135	0.21	9,135
23BB	PEM	No	Yes	0	0	0.24	10,326	0.24	10,326	0.24	10,326	0.24	10,326	0.24	10,326	0.24	10,326
23CC	PFO	No	Yes	0	0	0.08	3,685	0.10	4,388	0.10	4,388	0.18	7,661	0.08	3,685	0.10	4,388
23EE	PFO	No	Yes	0	0	0.04	1,754	0.04	1,754	0.04	1,754	0.04	1,754	0.04	1,754	0.04	1,754
23F	PEM	No	Yes	0	0	0.03	1,401	0.03	1,401	0.03	1,401	0.20	8,616	0.03	1,394	0.20	8,616
23GG	PFO	No	Yes	0	0	0.17	7,204	0.17	7,204	0.17	7,204	0.17	7,204	0.17	7,204	0.17	7,204
23HH	PFO	No	Yes	0	0	0.02	773	0.02	773	0.02	773	0.04	1,605	0.02	773	0.04	1,605
23J	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
23KK	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
23L	PEM	No	Yes	0	0	0.08	3,661	0.08	3,661	0.08	3,661	0.08	3,661	0.08	3,661	0.08	3,661
23P	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
23W	PEM	No	Yes	0	0	0.12	5,091	0.12	5,091	0.12	5,091	0.12	5,309	0.12	5,091	0.12	5,309
23X	PEM	No	Yes	0	0	0.20	8,736	0.20	8,736	0.20	8,736	0.20	8,736	0.20	8,736	0.20	8,736
24M	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
24N	PFO	No	Yes	0	0	0.36	15,582	0.36	15,582	0.36	15,582	0.36	15,582	0.36	15,582	0.36	15,582
24Q	PFO	No	Yes	0	0	0.04	1,630	0.04	1,630	0.04	1,630	0.04	1,900	0.04	1,614	0.04	1,614
24R	PFO	No	Yes	0	0	0.06	2,581	0.06	2,581	0.06	2,581	0.06	2,581	0.06	2,582	0.06	2,581
25B	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
25D	PFO	No	Yes	0	0	0.02	832	0.02	832	0.02	832	0.04	1,891	0.02	693	0.02	832
25K	PEM	No	Yes	0	0	0.24	10,359	0.43	18,626	0.43	18,626	0.58	25,398	0.39	17,115	0.56	24,458

Table 2: Impacts to Wetland Buffers by Feature ID

Feature ID	Classification	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
				AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
26A	PEM	No	Yes	0	0	0.05	1,970	0.06	2,719	0.06	2,719	0.06	2,754	0.05	2,359	0.06	2,748
26D	PEM	No	Yes	0	0	0.09	4,096	0.09	4,096	0.09	4,096	0.09	4,096	0.09	4,096	0.09	4,096
26E	PEM	No	Yes	0	0	0.16	7,136	0.16	7,136	0.16	7,136	0.16	7,136	0.16	7,136	0.16	7,136
26F	PEM	No	No	0	0	0.14	6,046	0.14	6,046	0.14	6,046	0.14	6,046	0.14	6,046	0.14	6,046
26H	PEM	No	Yes	0	0	0.03	1,359	0.03	1,359	0.03	1,359	0.03	1,359	0.03	1,359	0.03	1,359
27E	PFO	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
27F	PFO	No	Yes	0	0	0.04	1,688	0.06	2,736	0.06	2,736	0.09	3,880	0.06	2,588	0.09	3,776
27G	PSS	No	Yes	0	0	0.03	1,472	0.03	1,472	0.03	1,472	0.03	1,472	0.03	1,472	0.03	1,472
27M	PFO	No	Yes	0	0	0.23	9,902	0.23	9,902	0.23	9,902	0.23	9,902	0.23	9,902	0.23	9,902
29G	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
29J	PEM	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-	-	-

NOTES: 1. Zero impacts occur in alternative 1, therefore all values are denoted as "0."

2. A "-" symbol indicates that no impact to the feature occurs in the respective alternative.

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
1A	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	4	23	4	23	4	23	4	23	4	23
1A_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	954	6,882	954	6,882	954	6,882	954	6,882	954	6,882
1AAA	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	9	42	9	42	9	42	9	42	9	42
1D	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
1D_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	122	1,737	122	1,737	122	1,737	122	1,737	122	1,737
1D_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	102	1,847	102	1,847	102	1,847	102	1,847	102	1,847
1D_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
1D_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	253	2,691	253	2,691	253	2,691	253	2,691	253	2,691
1EEE	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1G	Ephemeral	Tributary	Open Channel	Yes	No	0	0	20	31	20	31	20	31	20	31	20	31
1GG	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
1H	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	27	254	27	254	27	254	27	254	27	254
1H_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	221	1,247	221	1,247	221	1,247	221	1,247	221	1,247
1H_D	Intermittent	Tributary	Ditch	Yes	Yes	0	0	638	3,323	638	3,323	638	3,323	638	3,323	638	3,323
1HH	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1L	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
1L_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
1L_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
1LL	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
1M	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1M_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1M_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1N	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1NN	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1O	Ephemeral	Tributary	Open Channel	Yes	No	0	0	230	1,248	230	1,248	230	1,248	230	1,248	230	1,248
1OO	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
1P	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	175	564	175	564	175	564	175	564	175	564
1PP	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1Q	Perennial	Tributary	Open Channel	Yes	Yes	0	0	89	1,383	89	1,383	89	1,383	89	1,383	89	1,383
1Q_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	344	4,718	344	4,718	344	4,718	344	4,718	344	4,718
1Q_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	356	4,036	356	4,036	356	4,036	356	4,036	356	4,036
1R	Perennial	Tributary	Ditch	Yes	Yes	0	0	511	3,302	511	3,302	511	3,302	511	3,302	511	3,302
1R_1	Perennial	Tributary	Ditch	Yes	Yes	0	0	916	4,236	916	4,236	916	4,236	916	4,236	916	4,236
1R_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	121	894	121	894	121	894	121	894	121	894
1RR	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	39	325	51	582	51	582	51	582	51	582
1SS	Ephemeral	Tributary	Open Channel	Yes	No	0	0	215	560	252	632	252	632	252	632	252	632
1SS_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	50	117	50	117	50	117	50	117	50	117
1TT	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	78	588	78	588	78	588	78	588	78	588
1U	Ephemeral	Tributary	Open Channel	Yes	No	0	0	354	1,438	354	1,438	354	1,438	354	1,438	354	1,438
1U_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	189	773	189	773	189	773	189	773	189	773
1VV	Perennial	Tributary	Open Channel	Yes	Yes	0	0	44	2,338	44	2,338	44	2,338	44	2,338	44	2,338
1VV_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	44	2,212	44	2,212	44	2,212	44	2,212	44	2,212
1VV_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	297	13,585	297	13,585	297	13,585	297	13,585	297	13,585
1W	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
1X	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1XX	Ephemeral	Tributary	Open Channel	Yes	No	0	0	119	333	119	333	119	333	119	333	119	333
1XX_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	123	460	123	460	123	460	123	460	123	460
1Y	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
1YY	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	332	1,186	372	1,370	372	1,370	372	1,370	372	1,370

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
1Z	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
2A	Ephemeral	Tributary	Open Channel	Yes	No	0	0	144	545	144	545	144	545	144	545	144	545
2AA	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	19	29	19	29	19	29	19	29	19	29
2D	Ephemeral	Tributary	Open Channel	Yes	No	0	0	65	251	65	251	65	251	65	251	65	251
2E	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	71	207	71	207	71	207	71	207	71	207
2F	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	669	3,208	669	3,208	669	3,208	669	3,208	669	3,208
2F_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	82	411	82	411	82	411	82	411	82	411
2F_D	Intermittent	Excluded	Ditch	No	Yes	0	0	512	2,093	512	2,093	512	2,093	512	2,093	512	2,093
2H	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	50	95	50	95	50	95	50	95	50	95
2HH	Intermittent	Excluded	Ditch	No	Yes	0	0	59	116	59	116	59	116	59	116	59	116
2HH_C	Intermittent	Excluded	Culvert	No	Yes	0	0	252	473	252	473	252	473	252	473	252	473
2I	Intermittent	Excluded	Ditch	No	Yes	0	0	260	1,351	260	1,351	260	1,351	260	1,351	260	1,351
2I_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	238	1,524	238	1,524	238	1,524	238	1,524	238	1,524
2J	Perennial	Tributary	Open Channel	Yes	Yes	0	0	86	619	86	619	86	619	86	619	86	619
2J_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	57	614	57	614	57	614	57	614	57	614
2J_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	249	2,675	249	2,675	249	2,675	249	2,675	249	2,675
2JJ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	65	181	65	181	65	181	65	181	65	181
2L	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	295	693	295	693	295	693	295	693	295	693
2MM	Perennial	Tributary	Open Channel	Yes	Yes	0	0	30	187	30	187	30	187	30	187	30	187
2N	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
2OO	Ephemeral	Tributary	Open Channel	Yes	No	0	0	24	60	24	60	24	60	24	60	24	60
2PP	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
2QQ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
2R	Perennial	Tributary	Open Channel	Yes	Yes	0	0	58	394	58	394	58	394	58	394	58	394
2T	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	904	2,710	923	2,768	923	2,768	923	2,768	923	2,768
2UU	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	18	70	18	70	18	70	18	70	18	70
2V	Perennial	Tributary	Open Channel	Yes	Yes	0	0	45	170	45	170	45	170	45	170	45	170
2VV	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	42	216	42	216	42	216	42	216	42	216
2W	Intermittent	Excluded	Ditch	No	Yes	0	0	462	687	462	687	462	687	462	687	462	687
2W_C	Intermittent	Excluded	Culvert	No	Yes	0	0	57	106	57	106	57	106	57	106	57	106
2X	Perennial	Tributary	Open Channel	Yes	Yes	0	0	16	47	16	47	16	47	16	47	16	47
2X_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	241	2,589	241	2,589	241	2,589	241	2,589	241	2,589
2X_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	277	1,280	277	1,280	277	1,280	277	1,280	277	1,280
2Y	Perennial	Tributary	Open Channel	Yes	Yes	0	0	293	1,029	293	1,029	293	1,029	293	1,029	293	1,029
2Y_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	482	4,817	482	4,817	482	4,817	482	4,817	482	4,817
2Y_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	394	2,250	394	2,250	394	2,250	394	2,250	394	2,250
2YY	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	75	277	75	277	75	277	75	277	75	277
2Z	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	13	39	13	39	13	39	13	39	13	39
2ZZ	Ephemeral	Tributary	Open Channel	Yes	No	0	0	39	239	56	341	56	341	56	341	56	341
3A	Perennial	Tributary	Open Channel	Yes	Yes	0	0	95	652	95	652	95	652	95	652	95	652
3A_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	11	48	11	48	11	48	11	48
3A_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	230	1,739	232	1,746	232	1,746	232	1,746	232	1,746
3AA	Perennial	Tributary	Open Channel	Yes	Yes	0	0	26	299	26	299	26	299	26	299	26	299
3AA_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	79	495	79	495	79	495	79	495	79	495
3AA_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	302	3,631	302	3,631	302	3,631	302	3,631	302	3,631
3BB	Ephemeral	Tributary	Open Channel	Yes	No	0	0	158	827	158	827	158	827	158	827	158	827
3BBB	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	62	211	62	211	62	211	62	211	62	211
3CC	Intermittent	Excluded	Ditch	No	Yes	0	0	333	2,011	333	2,011	333	2,011	333	2,011	333	2,011
3CCC	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
3D	Perennial	Tributary	Open Channel	Yes	Yes	0	0	74	1,100	74	1,100	74	1,100	74	1,100	74	1,100
3D_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	118	1,856	118	1,856	118	1,856	118	1,856	118	1,856
3D_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	204	2,833	204	2,833	204	2,833	204	2,833	204	2,833
3DD	Perennial	Tributary	Open Channel	Yes	Yes	0	0	46	421	46	484	46	484	46	484	46	484
3EEE	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
3F	Ephemeral	Tributary	Open Channel	Yes	No	0	0	197	451	244	563	244	563	244	563	244	563
3FFF	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	44	175	44	175	44	175	44	175	44	175
3FFF_D	Intermittent	Excluded	Ditch	No	Yes	0	0	-	-	67	265	67	265	67	265	67	265
3H	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	110	653	110	653	110	653	110	653	110	653
3I	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	534	2,407	534	2,407	534	2,407	534	2,407	534	2,407
3JJ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	410	2,660	410	2,660	410	2,660	410	2,660	410	2,660
3JJ_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	106	269	106	269	106	269	106	269	106	269
3JJ_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	305	1,244	305	1,244	305	1,244	305	1,244	305	1,244
3L	Perennial	Tributary	Open Channel	Yes	Yes	0	0	52	493	52	493	52	493	52	493	52	493
3L_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	90	820	90	820	90	820	90	820	90	820
3L_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	287	1,908	287	1,908	287	1,908	287	1,908	287	1,908
3LL	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	125	1,030	125	1,030	125	1,030	125	1,030	125	1,030
3LL_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	595	3,364	595	3,364	595	3,364	595	3,364	595	3,364
3LL_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	317	1,441	317	1,441	317	1,441	317	1,441	317	1,441
3LL_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	195	853	195	853	195	853	195	853	195	853
3LLL	Ephemeral	Tributary	Open Channel	Yes	No	0	0	17	21	17	26	17	26	17	26	17	26
3N	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
3OOO	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
3PP	Ephemeral	Tributary	Open Channel	Yes	No	0	0	86	385	86	385	86	385	86	385	86	385
3PP_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	112	580	112	580	112	580	112	580	112	580
3Q	Ephemeral	Tributary	Open Channel	Yes	No	0	0	117	376	117	376	117	376	117	376	117	376
3QQ	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
3RR	Ephemeral	Tributary	Open Channel	Yes	No	0	0	270	1,081	270	1,081	270	1,081	270	1,081	270	1,081
3S	Perennial	Tributary	Open Channel	Yes	Yes	0	0	183	2,824	183	2,824	183	2,824	183	2,824	183	2,824
3S_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
3S_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
3S_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
3S_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
3SS	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	10	43	10	43	10	43	10	43	10	43
3TT	Perennial	Tributary	Open Channel	Yes	Yes	0	0	3	1	3	1	3	1	3	1	3	1
3U	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	23	102	64	319	64	319	64	319	64	319
3UU	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	6	12	6	12	6	12	6	12	6	12
3VV	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
3WW	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
3XX	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
3Z	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
3ZZ	Perennial	Tributary	Open Channel	Yes	Yes	0	0	122	1,347	122	1,347	122	1,347	122	1,347	122	1,347
4AA	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	18	159	31	337	31	337	31	337	31	337
4B_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	257	1,247	257	1,247	257	1,247	257	1,247	257	1,247
4BBB	Perennial	Tributary	Open Channel	Yes	Yes	0	0	380	1,219	380	1,219	380	1,219	380	1,219	380	1,219
4BBB_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	40	116	40	187	40	187	40	187	40	187
4BBB_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	24	119	24	119	24	119	24	119	24	119
4BBBB	Ephemeral	Tributary	Open Channel	Yes	No	0	0	74	152	74	152	74	152	74	152	74	152

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
4BBBBB	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
4C	Ephemeral	Tributary	Open Channel	Yes	No	0	0	50	140	50	140	50	140	50	140	50	140
4CCCCC	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
4DDDD	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	6	76	19	260	19	260	19	260	19	260
4DDDD_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4DDDD_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4E	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	32	111	45	147	45	147	45	147	45	147
4E_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	245	1,064	245	1,064	245	1,064	245	1,064	245	1,064
4EE	Perennial	Tributary	Open Channel	Yes	Yes	0	0	66	131	66	131	66	131	66	131	66	131
4FF	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
4GG	Intermittent	Excluded	Ditch	No	Yes	0	0	80	413	80	413	80	413	80	413	80	413
4GG_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	326	2,574	326	2,574	326	2,574	326	2,574	326	2,574
4GGG	Ephemeral	Tributary	Open Channel	Yes	No	0	0	139	274	139	274	139	274	139	274	139	274
4GGGG	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	11	21	11	21	11	21	11	21
4H	Ephemeral	Tributary	Open Channel	Yes	No	0	0	334	785	334	785	334	785	334	785	334	785
4H_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	333	1,026	333	1,026	333	1,026	333	1,026	333	1,026
4HHH	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	28	80	28	80	28	80	28	80	28	80
4HHH_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	6	18	18	53	18	53	18	53	18	53
4HHH_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	23	62	23	62	23	62	23	62	23	62
4J	Ephemeral	Tributary	Open Channel	Yes	No	0	0	94	197	94	197	94	197	94	197	94	197
4JJJJ	Perennial	Tributary	Open Channel	Yes	Yes	0	0	92	795	92	795	92	795	92	795	92	795
4K	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	15	46	15	46	15	46	15	46
4L	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	41	320	41	320	41	320	41	320	41	320
4LL	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4LLLL	Ephemeral	Tributary	Open Channel	Yes	No	0	0	26	51	26	51	26	51	26	51	26	51
4M	Perennial	Tributary	Open Channel	Yes	Yes	0	0	108	575	108	576	108	576	108	576	108	576
4M_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	270	1,763	270	1,763	270	1,763	270	1,763	270	1,763
4MMMM	Ephemeral	Tributary	Open Channel	Yes	No	0	0	38	113	38	113	38	113	38	113	38	113
4NN	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	42	83	42	83	42	83	42	83	42	83
4NNN	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4NNN_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	43	277	43	277	43	277	43	277	43	277
4NNN_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4O	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	307	830	362	974	362	974	362	974	362	974
4OO	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	62	227	62	227	62	227	62	227	62	227
4OOOO	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	75	273	75	273	75	273	75	273	75	273
4P	Ephemeral	Tributary	Open Channel	Yes	No	0	0	58	164	58	164	58	164	58	164	58	164
4PP	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
4PPPP	Perennial	Tributary	Open Channel	Yes	Yes	0	0	254	3,296	254	3,296	254	3,296	254	3,296	254	3,296
4Q	Perennial	Tributary	Open Channel	Yes	Yes	0	0	150	2,180	164	2,439	164	2,439	164	2,439	164	2,439
4Q_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	61	684	73	841	73	841	73	841	73	841
4Q_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	231	2,742	231	2,742	231	2,742	231	2,742	231	2,742
4QQ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	7	7	18	43	18	43	18	43	18	43
4QQQQ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	95	716	95	716	95	716	95	716	95	716
4RRR	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	85	233	85	233	85	233	85	233	85	233
4S	Ephemeral	Tributary	Open Channel	Yes	No	0	0	106	257	106	257	106	257	106	257	106	257
4SSSS	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4T	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	50	619	50	619	50	619	50	619	50	619
4T_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	290	1,701	290	1,701	290	1,701	290	1,701	290	1,701
4TT	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-

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Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
4TTT	Perennial	Tributary	Open Channel	Yes	Yes	0	0	47	497	47	497	47	497	47	497	47	497
4TTTT_2	Intermittent	Excluded	Ditch	No	Yes	0	0	127	994	127	994	127	994	127	994	127	994
4TTTT_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	86	424	86	424	86	424	86	424	86	424
4TTTT_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	33	127	33	127	33	127	33	127	33	127
4U	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	87	509	87	509	87	509	87	509	87	509
4UUU	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	105	251	105	251	105	251	105	251	105	251
4UUUU	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4W	Perennial	Tributary	Open Channel	Yes	Yes	0	0	38	265	51	339	51	339	51	339	51	339
4W_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	13	96	13	96	13	96	13	96	13	96
4W_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	52	347	52	347	52	347	52	347	52	347
4W_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	271	1,933	271	1,933	271	1,933	271	1,933	271	1,933
4W_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	27	138	27	138	27	138	27	138	27	138
4X	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
4XXXX	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
4Y	Ephemeral	Tributary	Open Channel	Yes	No	0	0	2	5	2	5	2	5	2	5	2	5
4Y_D	Ephemeral	Tributary	Open Channel	Yes	No	0	0	3	7	3	7	3	7	3	7	3	7
4YYY	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	35	60	35	60	35	60	35	60	35	60
4Z	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
4Z_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	50	737	50	737	50	737	50	737	50	737
4Z_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	68	914	68	914	68	914	68	914	68	914
4Z_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	123	1,093	123	1,093	123	1,093	123	1,093	123	1,093
4Z_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	21	67	21	67	21	67	21	67	21	67
4Z_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	103	1,436	103	1,436	103	1,436	103	1,436	103	1,436
4Z_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	80	770	80	770	80	770	80	770	80	770
4ZZZZ	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
5B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5B_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
5BB	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	133	384	133	384	133	384	133	384	133	384
5EE	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
5F	Perennial	Tributary	Open Channel	Yes	Yes	0	0	61	392	61	392	61	392	61	392	61	392
5F_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	185	1,919	185	1,919	185	1,919	185	1,919	185	1,919
5F_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5F_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	496	3,718	496	3,718	496	3,718	496	3,718	496	3,718
5FF	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	25	73	25	73	25	73	25	73	25	73
5FF_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	244	723	244	723	244	723	244	723	244	723
5H	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5HH	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5J	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	5	15	5	15	5	15	5	15	5	15
5JJ	Ephemeral	Tributary	Open Channel	Yes	No	0	0	24	228	36	330	36	330	36	330	36	330
5KK	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	31	166	31	166	31	166	31	166	31	166
5MM	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	20	243	20	243	20	243	20	243	20	243
5N	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	58	203	58	203	58	203	58	203	58	203
5NN	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5O	Ephemeral	Tributary	Open Channel	Yes	No	0	0	251	2,515	251	2,515	251	2,515	251	2,515	251	2,515
5OO	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5P	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	157	1,518	157	1,518	157	1,518	157	1,518	157	1,518
5PP	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5PP_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5Q	Perennial	Tributary	Ditch	Yes	Yes	0	0	946	2,020	946	2,020	946	2,020	946	2,020	946	2,020

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
5Q_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5QQ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	11	36	11	36	11	36	11	36	11	36
5QQ_2	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	21	60	21	60	21	60	21	60	21	60
5QQ_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	80	237	80	237	80	237	80	237	80	237
5S	Perennial	Tributary	Open Channel	Yes	Yes	0	0	108	3,972	108	3,972	108	3,972	108	3,972	108	3,972
5S_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	82	2,209	82	2,209	82	2,209	82	2,209	82	2,209
5S_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	200	7,674	200	7,674	200	7,674	200	7,674	200	7,674
5SS	Ephemeral	Tributary	Open Channel	Yes	No	0	0	25	112	25	112	25	112	25	112	25	112
5T	Perennial	Tributary	Ditch	Yes	Yes	0	0	11	184	11	184	11	184	11	184	11	184
5W	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
5W_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
5Y	Ephemeral	Tributary	Open Channel	Yes	No	0	0	224	459	224	459	224	459	224	459	224	459
6AA	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	32	116	32	116	32	116	32	116	32	116
6AAA	Intermittent	Excluded	Ditch	No	Yes	0	0	33	50	50	78	50	78	50	78	50	78
6AAA_1	Intermittent	Tributary	Ditch	Yes	Yes	0	0	52	167	52	167	52	167	52	167	52	167
6AAA_B	Intermittent	Excluded	Bridge	No	Yes	0	0	31	129	31	129	31	129	31	129	31	129
6AAA_C	Intermittent	Excluded	Culvert	No	Yes	0	0	43	120	43	120	43	120	43	120	43	120
6AAA_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	236	1,025	236	1,025	236	1,025	236	1,025	236	1,025
6AAAA	Ephemeral	Tributary	Open Channel	Yes	No	0	0	7	13	19	39	19	39	19	39	19	39
6B	Perennial	Tributary	Open Channel	Yes	Yes	0	0	27	119	40	183	40	183	40	183	40	183
6BB	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6BB_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	118	573	118	573	118	573	118	573	118	573
6BBBB	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	17	47	17	47	17	47	17	47	17	47
6BBBB_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	257	400	257	400	257	400	257	400	257	400
6D	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	20	82	33	132	33	132	33	132	33	132
6DDD	POW	Impoundment	None	Yes	Yes	0	0	NA	29,847	NA	29,847	NA	29,847	NA	29,847	NA	29,847
6DDD_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	129	649	129	649	129	649	129	649	129	649
6EE	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6EEE	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	31	58	31	58	31	58	31	58	31	58
6FFFF	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6FFFF_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	8	31	8	31	8	31	8	31
6FFFF_2	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	19	133	19	133	19	133	19	133	19	133
6FFFF_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6FFFF_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	19	97	24	116	24	116	24	116	24	116
6G	Perennial	Tributary	Open Channel	Yes	Yes	0	0	2	15	2	15	2	15	2	15	2	15
6G_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	1,094	7,018	1,094	7,018	1,094	7,018	1,094	7,018	1,094	7,018
6G_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	697	9,867	697	9,867	697	9,867	697	9,867	697	9,867
6G_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	1,282	17,191	1,282	17,205	1,282	17,205	1,282	17,205	1,282	17,205
6G_4	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6G_5	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6G_6	Perennial	Tributary	Open Channel	Yes	Yes	0	0	282	5,027	282	5,027	282	5,027	282	5,027	282	5,027
6G_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	114	2,653	114	2,653	114	2,653	114	2,653	114	2,653
6G_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	526	4,508	526	4,508	526	4,508	526	4,508	526	4,508
6G_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	328	5,197	328	5,197	328	5,197	328	5,197	328	5,197
6G_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6G_C3	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6G_C4	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6GGG	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	94	366	112	440	112	440	112	440	112	440
6GGG_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	226	602	226	602	226	602	226	602	226	602

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
6GGG_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	134	511	134	511	134	511	134	511	134	511
6GGG_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	70	138	70	139	70	139	70	139	70	139
6GGG_C2	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6HH	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6III	Intermittent	Tributary	Ditch	Yes	Yes	0	0	427	2,212	427	2,212	427	2,212	427	2,212	427	2,212
6III_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	267	238	267	238	267	238	267	238	267	238
6J	Ephemeral	Tributary	Open Channel	Yes	No	0	0	12	88	25	187	25	187	25	187	25	187
6JJJ	Perennial	Tributary	Ditch	Yes	Yes	0	0	36	141	36	141	36	141	36	141	36	141
6JJJ_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	251	1,093	251	1,093	251	1,093	251	1,093	251	1,093
6KK	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6L	Intermittent	Tributary	Ditch	Yes	Yes	0	0	41	108	41	108	41	108	41	108	41	108
6LLL	Perennial	Tributary	Ditch	Yes	Yes	0	0	741	2,789	753	2,850	753	2,850	753	2,850	753	2,850
6M	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6MM	Ephemeral	Tributary	Open Channel	Yes	No	0	0	216	382	216	382	216	382	216	382	216	382
6MM_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
6MM_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
6MMM	Perennial	Tributary	Open Channel	Yes	Yes	0	0	53	932	53	932	53	932	53	932	53	932
6MMM_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	17	59	17	59	17	59	17	59	17	59
6MMM_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	239	1,899	239	1,899	239	1,899	239	1,899	239	1,899
6NN	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6NNN	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6NNN_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	31	80	31	80	31	80	31	80	31	80
6NNN_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	26	59	26	59	26	59	26	59	26	59
6O	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
6R	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
6R_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6RRR	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	70	425	70	425	70	425	70	425	70	425
6RRR_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	370	2,742	370	2,742	370	2,742	370	2,742	370	2,742
6RRR_D	Intermittent	Excluded	Ditch	No	Yes	0	0	150	907	150	907	150	907	150	907	150	907
6SS	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
6SS_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	66	198	66	198	66	198	66	198	66	198
6T	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	88	331	88	331	88	331	88	331	88	331
6TT	Perennial	Tributary	Open Channel	Yes	Yes	0	0	13	75	13	75	13	75	13	75	13	75
6TTT	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	233	904	233	904	233	904	233	904	233	904
6TTT_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	314	1,210	314	1,210	314	1,210	314	1,210	314	1,210
6UU	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	55	139	55	139	55	139	55	139	55	139
6UU_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	15	41	15	41	15	41	15	41	15	41
6UU_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	252	749	252	749	252	749	252	749	252	749
6UUU	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	57	144	71	179	71	179	71	179	71	179
6V	Ephemeral	Tributary	Open Channel	Yes	No	0	0	270	440	270	440	270	440	270	440	270	440
6WW	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	62	293	62	293	62	293	62	293	62	293
6WW_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	95	358	95	358	95	358	95	358	95	358
6WWW	Ephemeral	Tributary	Open Channel	Yes	No	0	0	15	31	15	31	15	31	15	31	15	31
6XX	Ephemeral	Tributary	Open Channel	Yes	No	0	0	78	214	78	214	78	214	78	214	78	214
6YY	Ephemeral	Tributary	Open Channel	Yes	No	0	0	63	171	63	171	63	171	63	171	63	171
6Z	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
7A	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	14	58	14	58	14	58	14	58	14	58
7A_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	1,485	4,577	1,485	4,577	1,485	4,577	1,485	4,577	1,485	4,577
7AA	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	121	209	121	209	121	209	121	209	121	209

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
7B	Ephemeral	Tributary	Open Channel	Yes	No	0	0	508	1,131	508	1,131	508	1,131	508	1,131	508	1,131
7BB	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	56	279	56	279	56	279	56	279	56	279
7BB_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	45	123	45	123	45	123	45	123	45	123
7BB_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	38	149	38	149	38	149	38	149	38	149
7BB_D	Intermittent	Excluded	Ditch	No	Yes	0	0	509	2,128	509	2,128	509	2,128	509	2,128	509	2,128
7D	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	34	90	47	125	47	125	47	125	47	125
7E	Perennial	Tributary	Ditch	Yes	Yes	0	0	354	2,767	354	2,767	354	2,767	354	2,767	354	2,767
7F	Intermittent	Tributary	Ditch	Yes	Yes	0	0	32	121	32	121	32	121	32	121	32	121
7F_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	30	84	30	84	30	84	30	84	30	84
7G	Perennial	Tributary	Open Channel	Yes	Yes	0	0	6	37	21	197	21	197	21	197	21	197
7G_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	513	2,757	513	2,757	513	2,757	513	2,757	513	2,757
7G_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	18	124	18	124	18	124	18	124	18	124
7G_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	53	231	53	231	53	231	53	231	53	231
7G_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	241	1,464	241	1,464	241	1,464	241	1,464	241	1,464
7GG	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	238	771	238	771	238	771	238	771	238	771
7H	Intermittent	Tributary	Ditch	Yes	Yes	0	0	389	3,528	389	3,528	389	3,528	389	3,528	389	3,528
7I	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	50	122	50	122	50	122	50	122	50	122
7II	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
7JJ	Perennial	Tributary	Open Channel	Yes	Yes	0	0	11	54	11	54	11	54	11	54	11	54
7JJ_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	55	258	55	258	55	258	55	258	55	258
7JJ_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	50	270	50	270	50	270	50	270	50	270
7JJ_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	256	750	256	750	256	750	256	750	256	750
7MM	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	175	974	175	974	175	974	175	974	175	974
7N	Perennial	Tributary	Ditch	Yes	Yes	0	0	240	1,891	240	1,891	240	1,891	240	1,891	240	1,891
7N_1	Perennial	Tributary	Ditch	Yes	Yes	0	0	81	274	81	274	81	274	81	274	81	274
7N_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	28	186	28	186	28	186	28	186	28	186
7NN	Ephemeral	Tributary	Open Channel	Yes	No	0	0	135	481	135	481	135	481	135	481	135	481
7O	Perennial	Tributary	Open Channel	Yes	Yes	0	0	85	959	85	979	85	979	85	979	85	979
7O_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	87	974	87	974	87	974	87	974	87	974
7O_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	203	2,724	203	2,724	203	2,724	203	2,724	203	2,724
7PP	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	36	462	36	462	36	462	36	462	36	462
7PP_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	429	2,926	429	2,926	429	2,926	429	2,926	429	2,926
7Q_2	Perennial	Tributary	Ditch	Yes	Yes	0	0	18	27	18	27	18	27	18	27	18	27
7Q_3	Perennial	Tributary	Ditch	Yes	Yes	0	0	32	88	32	88	32	88	32	88	32	88
7Q_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	168	362	168	362	168	362	168	362	168	362
7Q_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	341	1,249	341	1,249	341	1,249	341	1,249	341	1,249
7S	Perennial	Tributary	Open Channel	Yes	Yes	0	0	146	1,516	146	1,516	146	1,516	146	1,516	146	1,516
7S_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	228	1,361	228	1,361	228	1,361	228	1,361	228	1,361
7SS	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
7T	Perennial	Tributary	Open Channel	Yes	Yes	0	0	4	13	18	62	18	62	18	62	18	62
7T_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	254	779	254	779	254	779	254	779	254	779
7T_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	73	248	73	248	73	248	73	248	73	248
7V	Ephemeral	Tributary	Open Channel	Yes	No	0	0	47	59	47	59	47	59	47	59	47	59
8A	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	190	376	190	376	190	376	190	376	190	376
8AA	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8BB	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8CC	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
8D	POW	Impoundment	None	Yes	Yes	0	0	NA	18,706	NA	18,706	NA	18,706	NA	18,706	NA	18,706
8DD	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
8DD_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8DD_2	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8DD_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8E	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	106	209	106	209	106	209	106	209	106	209
8E_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	295	1,042	295	1,042	295	1,042	295	1,042	295	1,042
8E_D	Intermittent	Tributary	Ditch	Yes	Yes	0	0	142	671	142	671	142	671	142	671	142	671
8EE	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
8F	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	129	2,399	129	2,399	129	2,399	129	2,399	129	2,399
8F_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	221	2,329	221	2,329	221	2,329	221	2,329	221	2,329
8G	Ephemeral	Tributary	Open Channel	Yes	No	0	0	30	73	30	73	30	73	30	73	30	73
8G_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	19	61	19	61	19	61	19	61	19	61
8GG	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8HH	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	133	1,283	133	1,283	133	1,283	133	1,283	133	1,283
8HH_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	80	1,082	80	1,082	80	1,082	80	1,082	80	1,082
8I	Ephemeral	Tributary	Open Channel	Yes	No	0	0	46	132	46	132	46	132	46	132	46	132
8J	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	161	359	161	359	161	359	161	359	161	359
8J_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	75	295	75	295	75	295	75	295	75	295
8J_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	55	436	55	436	55	436	55	436	55	436
8J_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	505	1,821	505	1,821	505	1,821	505	1,821	505	1,821
8J_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	80	964	80	964	80	964	80	964	80	964
8MM	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	42	134	42	134	42	134	42	134	42	134
8N	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	170	449	170	449	170	449	170	449	170	449
8N_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	320	869	320	869	320	869	320	869	320	869
8R	Perennial	Tributary	Open Channel	Yes	Yes	0	0	18	298	18	298	18	298	18	298	18	298
8R_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8R_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	355	5,171	355	5,171	355	5,171	355	5,171	355	5,171
8R_D	Intermittent	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8R_D1	Intermittent	Tributary	Ditch	Yes	Yes	0	0	351	3,618	351	3,618	351	3,618	351	3,618	351	3,618
8S	Ephemeral	Tributary	Open Channel	Yes	No	0	0	139	269	139	269	139	269	139	269	139	269
8S_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	32	74	32	74	32	74	32	74	32	74
8S_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	253	658	253	658	253	658	253	658	253	658
8T	Ephemeral	Tributary	Open Channel	Yes	No	0	0	118	235	118	235	118	235	118	235	118	235
8V	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	116	347	126	375	126	375	126	375	126	375
8W	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	238	3,959	238	3,959	238	3,959	238	3,959	238	3,959
8W_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	549	4,008	549	4,008	549	4,008	549	4,008	549	4,008
8W_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	67	415	67	415	67	415	67	415	67	415
8X	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8Z	Perennial	Tributary	Open Channel	Yes	Yes	0	0	60	1,123	60	1,123	60	1,123	60	1,123	60	1,123
8Z_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8Z_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8Z_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8Z_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8Z_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
8Z_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	199	3,585	199	3,585	199	3,585	199	3,585	199	3,585
9A	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	193	1,647	193	1,647	193	1,647	193	1,647	193	1,647
9C	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	248	2,726	248	2,726	248	2,726	248	2,726	248	2,726
9C_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	26	220	26	220	26	220	26	220	26	220
9C_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	278	2,004	278	2,004	278	2,004	278	2,004	278	2,004
9C_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	174	1,452	174	1,452	174	1,452	174	1,452	174	1,452

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
9CC	Perennial	Tributary	Open Channel	Yes	Yes	0	0	234	731	330	982	330	982	330	982	330	982
9CC_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	326	948	326	948	326	948	326	948	326	948
9F	Intermittent	Excluded	Ditch	No	Yes	0	0	200	573	291	908	291	908	291	908	291	908
9FF	Ephemeral	Tributary	Open Channel	Yes	No	0	0	87	123	87	123	87	123	87	123	87	123
9G	Perennial	Tributary	Open Channel	Yes	Yes	0	0	105	1,760	133	2,136	133	2,136	133	2,136	133	2,136
9G_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	61	579	73	712	73	712	73	712	73	712
9G_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	278	4,749	278	4,749	278	4,749	278	4,749	278	4,749
9GG	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	23	64	27	79	27	79	27	79	27	79
9II	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
9J	Perennial	Tributary	Open Channel	Yes	Yes	0	0	60	772	74	877	74	877	74	877	74	877
9J_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	274	1,291	274	1,291	274	1,291	274	1,291	274	1,291
9JJ	Perennial	Tributary	Open Channel	Yes	Yes	0	0	376	3,862	426	4,206	426	4,206	426	4,206	426	4,206
9L	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
9LL	Ephemeral	Tributary	Open Channel	Yes	No	0	0	46	63	46	63	46	63	46	63	46	63
9M	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	308	1,277	315	1,283	315	1,283	315	1,283	315	1,283
9M_D	Intermittent	Excluded	Ditch	No	Yes	0	0	421	1,244	421	1,244	421	1,244	421	1,244	421	1,244
9MM	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	142	782	142	782	142	782	142	782	142	782
9O	Ephemeral	Tributary	Open Channel	Yes	No	0	0	23	22	23	22	23	22	23	22	23	22
9OO	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
9P	Ephemeral	Tributary	Open Channel	Yes	No	0	0	190	380	190	380	190	380	190	380	190	380
9QQ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	160	442	160	442	160	442	160	442	160	442
9QQ_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	94	254	94	254	94	254	94	254	94	254
9R	Intermittent	Tributary	Ditch	Yes	Yes	0	0	590	3,365	590	3,365	590	3,365	590	3,365	590	3,365
9RR	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	403	1,068	403	1,068	403	1,068	403	1,068	403	1,068
9RR_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	156	194	156	194	156	194	156	194	156	194
9T	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	20	99	20	99	20	99	20	99	20	99
9T_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	143	1,006	143	1,006	143	1,006	143	1,006	143	1,006
9T_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	231	1,211	231	1,211	231	1,211	231	1,211	231	1,211
9U	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
9UU	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	26	11	26	11	26	11	26	11
9V	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
9VV	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	4	2	120	344	120	344	120	344	120	344
9Y	Perennial	Tributary	Open Channel	Yes	Yes	0	0	81	1,420	94	1,614	94	1,614	94	1,614	94	1,614
9Y_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	88	919	88	919	88	919	88	919	88	919
9Y_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	194	3,901	194	3,901	194	3,901	194	3,901	194	3,901
9Z	Intermittent	Excluded	Ditch	No	Yes	0	0	57	167	57	167	57	167	57	167	57	167
9Z_C	Intermittent	Excluded	Culvert	No	Yes	0	0	24	73	24	73	24	73	24	73	24	73
10A	Ephemeral	Tributary	Open Channel	Yes	No	0	0	21	204	21	204	21	204	21	204	21	204
10AA	Perennial	Tributary	Open Channel	Yes	Yes	0	0	290	1,690	290	1,690	290	1,690	290	1,690	290	1,690
10AA_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	241	2,046	241	2,046	241	2,046	241	2,046	241	2,046
10AAA	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	5	18	5	18	5	18	5	18	5	18
10B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	13	103	13	103	13	103	13	103	13	103
10B_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	80	420	80	420	80	420	80	420	80	420
10B_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	95	868	95	868	95	868	95	868	95	868
10BB	Perennial	Tributary	Ditch	Yes	Yes	0	0	633	3,869	633	3,869	633	3,869	633	3,869	633	3,869
10BB_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	116	706	116	706	116	706	116	706	116	706
10C	Perennial	Tributary	Open Channel	Yes	Yes	0	0	102	1,092	102	1,092	102	1,092	102	1,092	102	1,092
10C_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	82	1,021	82	1,021	82	1,021	82	1,021	82	1,021
10C_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	226	2,831	226	2,831	226	2,831	226	2,831	226	2,831

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
10CC	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10CCC	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10E	Perennial	Tributary	Open Channel	Yes	Yes	0	0	92	1,195	92	1,195	92	1,195	92	1,195	92	1,195
10F	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	45	237	45	237	45	237	45	237	45	237
10F_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	105	604	105	604	105	604	105	604	105	604
10F_2	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	79	621	79	621	79	621	79	621	79	621
10F_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	117	670	117	670	117	670	117	670	117	670
10F_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	122	1,075	122	1,075	122	1,075	122	1,075	122	1,075
10FF	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	137	1,569	137	1,569	137	1,569	137	1,569	137	1,569
10G	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
10J	Intermittent	Excluded	Ditch	No	Yes	0	0	207	1,273	207	1,273	207	1,273	207	1,273	207	1,273
10J_C	Intermittent	Excluded	Culvert	No	Yes	0	0	445	2,122	445	2,122	445	2,122	445	2,122	445	2,122
10JJ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	11	67	11	67	11	67	11	67	11	67
10K	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	123	1,320	123	1,320	123	1,320	123	1,320	123	1,320
10K_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	213	1,144	213	1,144	213	1,144	213	1,144	213	1,144
10KK	Intermittent	Excluded	Ditch	No	Yes	0	0	200	1,488	200	1,488	200	1,488	200	1,488	200	1,488
10L	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	735	4,730	735	4,730	735	4,730	735	4,730	735	4,730
10MM	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	25	203	25	203	25	203	25	203	25	203
10MM_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	367	3,405	368	3,411	368	3,411	368	3,411	368	3,411
10MM_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	210	2,419	210	2,419	210	2,419	210	2,419	210	2,419
10N	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	133	845	133	845	133	845	133	845	133	845
10N_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	325	2,645	325	2,645	325	2,645	325	2,645	325	2,645
10N_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	397	2,928	397	2,928	397	2,928	397	2,928	397	2,928
10N_D	Intermittent	Excluded	Ditch	No	Yes	0	0	188	1,708	188	1,708	188	1,708	188	1,708	188	1,708
10O	Ephemeral	Tributary	Open Channel	Yes	No	0	0	97	334	97	334	97	334	97	334	97	334
10PP	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	29	235	29	235	29	235	29	235	29	235
10PP_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	105	830	105	830	105	830	105	830	105	830
10PP_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	272	2,477	272	2,477	272	2,477	272	2,477	272	2,477
10Q	Ephemeral	Tributary	Open Channel	Yes	No	0	0	124	407	124	407	124	407	124	407	124	407
10Q_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	91	171	91	171	91	171	91	171	91	171
10QQ	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10RR	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
10S	Perennial	Tributary	Ditch	Yes	Yes	0	0	516	2,469	516	2,469	516	2,469	516	2,469	516	2,469
10S_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	132	389	132	389	132	389	132	389	132	389
10SS	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10TT	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10TT_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10TT_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10TT_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10TT_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	67	1,473	67	1,473	67	1,473	67	1,473	67	1,473
10U	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	178	1,508	178	1,508	178	1,508	178	1,508	178	1,508
10UU	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10X	Ephemeral	Tributary	Open Channel	Yes	No	0	0	183	921	196	996	196	996	196	996	196	996
10Y	Perennial	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
10Y_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	340	826	340	826	340	826	340	826	340	826
10YY	Perennial	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11A	Intermittent	Excluded	Ditch	No	Yes	0	0	114	355	114	355	114	355	114	355	114	355
11A_1	Perennial	Tributary	Ditch	Yes	Yes	0	0	43	129	43	129	43	129	43	129	43	129
11AA	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	337	1,774	337	1,774	337	1,774	337	1,774	337	1,774

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Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
11BB	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11C	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	261	580	261	580	261	580	261	580	261	580
11C_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	120	482	120	482	120	482	120	482	120	482
11CC	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	77	192	90	218	90	218	90	218	90	218
11D	Intermittent	Excluded	Ditch	No	Yes	0	0	98	174	98	174	98	174	98	174	98	174
11E	Perennial	Tributary	Open Channel	Yes	Yes	0	0	14	22	14	22	14	22	14	22	14	22
11E_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	12	341	12	341	12	341	12	341	12	341
11E_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	223	2,795	223	2,795	223	2,795	223	2,795	223	2,795
11E_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	57	1,023	57	1,023	57	1,023	57	1,023	57	1,023
11E_D	Perennial	Tributary	Ditch	Yes	Yes	0	0	1,201	11,315	1,201	11,315	1,201	11,315	1,201	11,315	1,201	11,315
11E_D1	Perennial	Tributary	Ditch	Yes	Yes	0	0	84	1,572	84	1,572	84	1,572	84	1,572	84	1,572
11E_D2	Perennial	Tributary	Ditch	Yes	Yes	0	0	71	1,194	71	1,194	71	1,194	71	1,194	71	1,194
11G	Intermittent	Excluded	Ditch	No	Yes	0	0	779	4,505	779	4,505	779	4,505	779	4,505	779	4,505
11GG	Ephemeral	Tributary	Open Channel	Yes	No	0	0	156	250	156	250	156	250	156	250	156	250
11H	Intermittent	Excluded	Ditch	No	Yes	0	0	93	265	93	265	93	265	93	265	93	265
11J	Intermittent	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11L	Perennial	Tributary	Open Channel	Yes	Yes	0	0	94	5,364	106	5,813	106	5,813	106	5,813	106	5,813
11L_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	37	2,572	37	2,572	37	2,572	37	2,572	37	2,572
11L_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	163	6,061	179	6,654	179	6,654	179	6,654	179	6,654
11L_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11L_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	70	4,960	70	4,960	70	4,960	70	4,960	70	4,960
11L_B1	Perennial	Tributary	Bridge	Yes	Yes	0	0	72	4,717	72	4,717	72	4,717	72	4,717	72	4,717
11L_B2	Perennial	Tributary	Bridge	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11M	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	49	343	49	343	49	343	49	343	49	343
11M_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	208	1,767	208	1,767	208	1,767	208	1,767	208	1,767
11M_B	Intermittent	Tributary	Bridge	Yes	Yes	0	0	32	204	32	204	32	204	32	204	32	204
11R	Perennial	Tributary	Ditch	Yes	Yes	0	0	105	506	105	506	105	506	105	506	105	506
11R_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	97	471	97	471	97	471	97	471	97	471
11R_2	Perennial	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11R_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	21	61	21	61	21	61	21	61	21	61
11R_D	Intermittent	Excluded	Ditch	No	Yes	0	0	795	3,438	795	3,438	795	3,438	795	3,438	795	3,438
11S	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11S_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11S_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
11T	Perennial	Tributary	Ditch	Yes	Yes	0	0	46	216	46	216	46	216	46	216	46	216
11T_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	288	1,511	288	1,511	288	1,511	288	1,511	288	1,511
11V	Perennial	Tributary	Ditch	Yes	Yes	0	0	554	5,924	554	5,924	554	5,924	554	5,924	554	5,924
11Y	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	360	2,035	360	2,035	360	2,035	360	2,035	360	2,035
12AAAA	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12BBB	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12C	Perennial	Tributary	Ditch	Yes	Yes	0	0	277	1,664	277	1,664	277	1,664	277	1,664	277	1,664
12C_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	69	222	69	222	69	222	69	222	69	222
12CCC	Perennial	Tributary	Ditch	Yes	Yes	0	0	234	1,181	234	1,181	234	1,181	234	1,181	234	1,181
12DD	POW	Impoundment	None	Yes	Yes	0	0	NA	12,396	NA	12,396	NA	12,396	NA	12,396	NA	12,396
12E	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12E_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12E_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	91	822	91	822	91	822	91	822	91	822
12E_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	51	434	51	434	51	434	51	434	51	434
12EE	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	239	1,633	239	1,633	239	1,633	239	1,633	239	1,633

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
12EE_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	247	749	247	749	247	749	247	749	247	749
12EEEE	Perennial	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12F	Perennial	Tributary	Open Channel	Yes	Yes	0	0	51	449	51	449	51	449	51	449	51	449
12F_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	317	1,081	317	1,081	317	1,081	317	1,081	317	1,081
12FFF	Ephemeral	Tributary	Open Channel	Yes	No	0	0	423	949	423	949	423	949	423	949	423	949
12FFFF	POW	Impoundment	None	Yes	Yes	0	0	NA	3,185	NA	3,185	NA	3,185	NA	3,185	NA	3,185
12G	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12GGG	Ephemeral	Tributary	Open Channel	Yes	No	0	0	79	341	79	341	79	341	79	341	79	341
12H	Perennial	Tributary	Open Channel	Yes	Yes	0	0	59	916	59	916	59	916	59	916	59	916
12H_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12H_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	9	81	9	81	9	81	9	81	9	81
12H_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	286	2,733	286	2,733	286	2,733	286	2,733	286	2,733
12H_4	Perennial	Tributary	Open Channel	Yes	Yes	0	0	504	4,622	504	4,622	504	4,622	504	4,622	504	4,622
12H_5	Perennial	Tributary	Open Channel	Yes	Yes	0	0	22	230	22	230	22	230	22	230	22	230
12H_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	90	1,041	90	1,041	90	1,041	90	1,041	90	1,041
12H_B1	Perennial	Tributary	Bridge	Yes	Yes	0	0	37	453	37	453	37	453	37	453	37	453
12H_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	17	112	17	112	17	112	17	112	17	112
12H_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	122	1,834	122	1,834	122	1,834	122	1,834	122	1,834
12H_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	52	350	52	350	52	350	52	350	52	350
12HH	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12HHH	Intermittent	Excluded	Ditch	No	Yes	0	0	177	1,074	177	1,074	177	1,074	177	1,074	177	1,074
12HHHH	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	43	420	43	420	43	420	43	420	43	420
12I	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II	Perennial	Tributary	Open Channel	Yes	Yes	0	0	131	8,712	131	8,712	131	8,712	131	8,712	131	8,712
12II_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II_4	Perennial	Tributary	Open Channel	Yes	Yes	0	0	464	19,665	464	19,665	464	19,665	464	19,665	464	19,665
12II_5	Perennial	Tributary	Open Channel	Yes	Yes	0	0	286	15,934	286	15,934	286	15,934	286	15,934	286	15,934
12II_6	Perennial	Tributary	Open Channel	Yes	Yes	0	0	6	233	6	233	6	233	6	233	6	233
12II_7	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II_8	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II_B1	Perennial	Tributary	Bridge	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II_B2	Perennial	Tributary	Bridge	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12II_B3	Perennial	Tributary	Bridge	Yes	Yes	0	0	46	1,745	46	1,745	46	1,745	46	1,745	46	1,745
12II_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	174	7,373	174	7,373	174	7,373	174	7,373	174	7,373
12II_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	79	4,667	79	4,667	79	4,667	79	4,667	79	4,667
12II_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	90	4,157	90	4,157	90	4,157	90	4,157	90	4,157
12II_C3	Perennial	Tributary	Culvert	Yes	Yes	0	0	159	9,930	159	9,930	159	9,930	159	9,930	159	9,930
12III	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	22	65	22	65	22	65	22	65	22	65
12JJJ	Perennial	Tributary	Open Channel	Yes	Yes	0	0	29	289	29	289	29	289	29	289	29	289
12JJJ_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	172	1,588	172	1,588	172	1,588	172	1,588	172	1,588
12K	Perennial	Tributary	Open Channel	Yes	Yes	0	0	437	3,750	437	3,750	437	3,750	437	3,750	437	3,750
12K_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	28	178	28	178	28	178	28	178	28	178
12K_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	196	1,536	196	1,536	196	1,536	196	1,536	196	1,536
12KK	Perennial	Tributary	Open Channel	Yes	Yes	0	0	1,126	8,113	1,126	8,113	1,126	8,113	1,126	8,113	1,126	8,113
12KKK	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	266	640	266	640	266	640	266	640	266	640
12KKK_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	221	1,313	221	1,313	221	1,313	221	1,313	221	1,313

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
12KKKK	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12LL	Ephemeral	Tributary	Open Channel	Yes	No	0	0	124	523	124	523	124	523	124	523	124	523
12LLLL	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12M	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12MM	Intermittent	Excluded	Ditch	No	Yes	0	0	442	1,666	442	1,666	442	1,666	442	1,666	442	1,666
12MMM	Ephemeral	Tributary	Open Channel	Yes	No	0	0	35	55	35	55	35	55	35	55	35	55
12MMMM	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12NNN	Intermittent	Tributary	Ditch	Yes	Yes	0	0	175	451	175	451	175	451	175	451	175	451
12O	Intermittent	Excluded	Ditch	No	Yes	0	0	385	1,781	385	1,781	385	1,781	385	1,781	385	1,781
12O_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	66	482	66	482	66	482	66	482	66	482
12OO	Perennial	Tributary	Open Channel	Yes	Yes	0	0	103	4,140	103	4,140	103	4,140	103	4,140	103	4,140
12OO_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	101	3,474	101	3,474	101	3,474	101	3,474	101	3,474
12OO_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	221	7,487	221	7,487	221	7,487	221	7,487	221	7,487
12P	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	46	226	46	226	46	226	46	226	46	226
12PP	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	5	2	5	2	5	2	5	2	5	2
12PPP	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	75	417	75	417	75	417	75	417	75	417
12QQQ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	168	759	168	759	168	759	168	759	168	759
12QQQ_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	83	431	83	431	83	431	83	431	83	431
12R	Intermittent	Excluded	Ditch	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12RRR	Perennial	Tributary	Open Channel	Yes	Yes	0	0	30	246	30	246	30	246	30	246	30	246
12RRR_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	216	2,149	216	2,149	216	2,149	216	2,149	216	2,149
12S	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	547	4,763	547	4,763	547	4,763	547	4,763	547	4,763
12S_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	151	440	151	440	151	440	151	440	151	440
12T	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	41	364	41	364	41	364	41	364	41	364
12T_D	Intermittent	Excluded	Ditch	No	Yes	0	0	411	2,614	411	2,614	411	2,614	411	2,614	411	2,614
12TT	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12UUU	Perennial	Tributary	Open Channel	Yes	Yes	0	0	29	48	29	48	29	48	29	48	29	48
12V	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12VVV	Intermittent	Excluded	Ditch	No	Yes	0	0	431	2,155	431	2,155	431	2,155	431	2,155	431	2,155
12WW	Perennial	Tributary	Open Channel	Yes	Yes	0	0	97	403	97	403	97	403	97	403	97	403
12WW_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	49	289	49	289	49	289	49	289	49	289
12WW_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	83	742	83	742	83	742	83	742	83	742
12WW_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	128	637	128	637	128	637	128	637	128	637
12WW_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	186	1,562	186	1,562	186	1,562	186	1,562	186	1,562
12WWW	Intermittent	Excluded	Ditch	No	Yes	0	0	85	203	85	203	85	203	85	203	85	203
12WWW_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	254	1,422	254	1,422	254	1,422	254	1,422	254	1,422
12WWW_C	Intermittent	Excluded	Culvert	No	Yes	0	0	146	432	146	432	146	432	146	432	146	432
12XX	Perennial	Tributary	Open Channel	Yes	Yes	0	0	157	2,424	157	2,424	157	2,424	157	2,424	157	2,424
12XX_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	15	107	15	107	15	107	15	107	15	107
12XX_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	252	1,718	252	1,718	252	1,718	252	1,718	252	1,718
12Y	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	85	631	85	631	85	631	85	631	85	631
12Y_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	89	308	89	308	89	308	89	308	89	308
12Y_D	Intermittent	Excluded	Ditch	No	Yes	0	0	283	2,398	283	2,398	283	2,398	283	2,398	283	2,398
12YYY	Perennial	Tributary	Ditch	Yes	Yes	0	0	843	2,776	843	2,776	843	2,776	843	2,776	843	2,776
12YYY_1	Perennial	Tributary	Ditch	Yes	Yes	0	0	186	932	186	932	186	932	186	932	186	932
12YYY_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
12YYY_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	175	1,084	175	1,084	175	1,084	175	1,084	175	1,084
12YYY_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	107	463	107	463	107	463	107	463	107	463
12Z	Intermittent	Excluded	Ditch	No	Yes	0	0	138	734	138	734	138	734	138	734	138	734

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
12Z_C	Intermittent	Excluded	Culvert	No	Yes	0	0	199	618	199	618	199	618	199	618	199	618
12ZZ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
13A	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	172	895	189	1,018	189	1,018	189	1,018	189	1,018
13B	Intermittent	Excluded	Ditch	No	Yes	0	0	290	622	290	622	290	622	290	622	290	622
13B_C	Intermittent	Excluded	Culvert	No	Yes	0	0	145	462	145	462	145	462	145	462	145	462
13C	Intermittent	Excluded	Ditch	No	Yes	0	0	171	792	171	792	171	792	171	792	171	792
13C_1	Intermittent	Excluded	Ditch	No	Yes	0	0	614	3,101	614	3,101	614	3,101	614	3,101	614	3,101
13C_C	Intermittent	Excluded	Culvert	No	Yes	0	0	126	741	126	741	126	741	126	741	126	741
13C_C1	Intermittent	Excluded	Culvert	No	Yes	0	0	348	781	348	781	348	781	348	781	348	781
13E	Ephemeral	Tributary	Open Channel	Yes	No	0	0	75	411	87	483	87	483	87	483	87	483
13F	Perennial	Tributary	Open Channel	Yes	Yes	0	0	58	140	58	140	58	140	58	140	58	140
13G	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	36	311	36	311	36	311	36	311	36	311
13H	Perennial	Tributary	Open Channel	Yes	Yes	0	0	299	2,532	299	2,532	299	2,532	299	2,532	299	2,532
13I	Ephemeral	Tributary	Open Channel	Yes	No	0	0	179	1,574	179	1,574	179	1,574	179	1,574	179	1,574
13I_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	171	1,499	171	1,499	171	1,499	171	1,499	171	1,499
13J	Intermittent	Excluded	Ditch	No	Yes	0	0	221	1,107	221	1,107	221	1,107	221	1,107	221	1,107
13J_1	Intermittent	Excluded	Ditch	No	Yes	0	0	243	1,058	243	1,058	243	1,058	243	1,058	243	1,058
13J_2	Intermittent	Excluded	Ditch	No	Yes	0	0	126	910	133	965	133	965	133	965	133	965
13J_C	Intermittent	Excluded	Culvert	No	Yes	0	0	53	290	53	290	53	290	53	290	53	290
13J_C1	Intermittent	Excluded	Culvert	No	Yes	0	0	159	896	159	896	159	896	159	896	159	896
13K	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	118	536	159	765	159	765	159	765	159	765
13L	Ephemeral	Tributary	Open Channel	Yes	No	0	0	198	1,166	198	1,166	198	1,166	198	1,166	198	1,166
13M	Perennial	Tributary	Open Channel	Yes	Yes	0	0	1,518	12,716	1,518	13,632	1,518	13,632	1,518	13,632	1,518	13,632
13M_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	130	1,708	142	1,876	142	1,876	142	1,876	142	1,876
13M_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	260	2,475	260	2,475	260	2,475	260	2,475	260	2,475
13M_D	Intermittent	Excluded	Ditch	No	Yes	0	0	177	344	177	344	177	344	177	344	177	344
13N	Ephemeral	Tributary	Open Channel	Yes	No	0	0	102	900	102	900	102	900	102	900	102	900
13O	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	23	274	35	414	35	414	35	414	35	414
13P	Perennial	Tributary	Open Channel	Yes	Yes	0	0	87	3,086	101	3,516	101	3,516	101	3,516	101	3,516
13P_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	256	11,071	256	11,071	256	11,071	256	11,071	256	11,071
13P_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	126	4,402	126	4,402	126	4,402	126	4,402	126	4,402
13Q	Intermittent	Excluded	Ditch	No	Yes	0	0	590	1,085	590	1,085	590	1,085	590	1,085	590	1,085
13Q_C	Intermittent	Excluded	Culvert	No	Yes	0	0	343	837	343	837	343	837	343	837	343	837
13R	Intermittent	Excluded	Ditch	No	Yes	0	0	193	258	193	258	193	258	193	258	193	258
13R_C	Intermittent	Excluded	Culvert	No	Yes	0	0	235	1,012	235	1,012	235	1,012	235	1,012	235	1,012
13S	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	252	1,259	252	1,259	252	1,259	252	1,259	252	1,259
13S_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	22	153	22	153	22	153	22	153	22	153
13S_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	148	403	148	403	148	403	148	403	148	403
13T	Intermittent	Excluded	Ditch	No	Yes	0	0	159	1,033	159	1,033	159	1,033	159	1,033	159	1,033
13T_C	Intermittent	Excluded	Culvert	No	Yes	0	0	286	1,225	286	1,225	286	1,225	286	1,225	286	1,225
13U	POW	Impoundment	None	Yes	Yes	0	0	NA	-	NA	-	NA	-	NA	-	NA	-
13X	Perennial	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
13X_1	Perennial	Tributary	Ditch	Yes	Yes	0	0	15	104	29	203	29	203	29	203	29	203
13X_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
13Y	Perennial	Tributary	Open Channel	Yes	Yes	0	0	73	505	87	588	87	588	87	588	87	588
13Z	Intermittent	Excluded	Ditch	No	Yes	0	0	386	961	386	961	386	961	386	961	386	961
14A	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	48	216	54	242	54	242	54	242	54	242
14A_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	206	2,503	206	2,503	206	2,503	206	2,503	206	2,503
14A_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	172	2,227	172	2,227	172	2,227	172	2,227	172	2,227

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
14B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
14E	Perennial	Tributary	Open Channel	Yes	Yes	0	0	101	813	101	813	101	813	101	813	101	813
14E_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	42	176	57	252	57	252	57	252	57	252
14E_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	201	1,337	201	1,337	201	1,337	201	1,337	201	1,337
14E_D	Perennial	Tributary	Ditch	Yes	Yes	0	0	8	27	8	27	8	27	8	27	8	27
14G	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	63	808	63	808	63	808	63	808	63	808
14G_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	17	93	17	93	17	93	17	93	17	93
14G_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	185	949	185	949	185	949	185	949	185	949
14J	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
15A	Intermittent	Tributary	Ditch	Yes	Yes	0	0	657	4,830	657	4,830	657	4,830	657	4,830	657	4,830
15A_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	429	1,038	551	1,369	551	1,369	551	1,369	551	1,369
15B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	132	701	132	701	132	701	132	701	132	701
15C	Intermittent	Excluded	Ditch	No	Yes	0	0	-	-	14	46	14	46	14	46	14	46
15D	Perennial	Tributary	Open Channel	Yes	Yes	0	0	8	150	24	598	24	598	24	598	24	598
15D_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	3	109	16	466	16	466	16	466	16	466
15D_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	267	3,299	267	3,307	267	3,307	267	3,307	267	3,307
15E	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	8	30	8	30	8	30	8	30
15F	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
16A	Perennial	Tributary	Open Channel	Yes	Yes	0	0	38	1,602	51	1,968	51	1,968	51	1,968	51	1,968
16A_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	1,143	14,386	1,143	14,403	1,143	14,403	1,143	14,403	1,143	14,403
16A_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	109	2,265	109	2,452	109	2,452	109	2,452	109	2,452
16A_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	131	2,419	131	2,419	131	2,419	131	2,419	131	2,419
16A_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	265	5,664	265	5,664	265	5,664	265	5,664	265	5,664
16A_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	110	1,587	110	1,587	110	1,587	110	1,587	110	1,587
16B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
16C	Perennial	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
16D	Intermittent	Excluded	Ditch	No	Yes	0	0	29	85	36	104	36	104	36	104	36	104
16D_C	Intermittent	Excluded	Culvert	No	Yes	0	0	260	628	260	628	260	628	260	628	260	628
16E	Intermittent	Tributary	Ditch	Yes	Yes	0	0	153	813	165	882	165	882	165	882	165	882
16E_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	5	7	55	255	55	255	55	255	55	255
16F	Ephemeral	Tributary	Open Channel	Yes	No	0	0	159	923	159	923	159	923	159	923	159	923
16G	Perennial	Tributary	Open Channel	Yes	Yes	0	0	172	3,001	172	3,001	172	3,001	172	3,001	172	3,001
16G_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	148	1,585	165	1,849	165	1,849	165	1,849	165	1,849
16G_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	39	604	39	604	39	604	39	604	39	604
16G_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	191	835	191	835	191	835	191	835	191	835
16G_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	592	6,757	592	6,757	592	6,757	592	6,757	592	6,757
16G_D	Perennial	Tributary	Ditch	Yes	Yes	0	0	84	402	84	402	84	402	84	402	84	402
16G_D1	Perennial	Tributary	Ditch	Yes	Yes	0	0	167	1,176	167	1,176	167	1,176	167	1,176	167	1,176
16I	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
16J	Ephemeral	Tributary	Open Channel	Yes	No	0	0	42	197	42	197	42	197	42	197	42	197
16J_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	4	9	4	9	4	9	4	9	4	9
16J_B	Ephemeral	Tributary	Bridge	Yes	No	0	0	46	153	46	153	46	153	46	153	46	153
16K	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
17B	Ephemeral	Tributary	Open Channel	Yes	No	0	0	75	246	75	246	75	246	75	246	75	246
17BB	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	47	384	47	384	47	384	47	384	47	384
17BB_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	295	1,955	295	1,955	295	1,955	295	1,955	295	1,955
17C	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
17D	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
17DD	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	3	8	26	76	26	76	26	76	26	76

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
17DD_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	401	898	401	898	401	898	401	898	401	898
17F	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	3	9	3	9	3	9	3	9
17N	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
17Q	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
17R	Ephemeral	Tributary	Open Channel	Yes	No	0	0	12	23	24	46	24	46	24	46	24	46
17W	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
17Y	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	57	492	57	492	57	492	57	492	57	492
17Z	Ephemeral	Tributary	Open Channel	Yes	No	0	0	210	651	210	651	210	651	210	651	210	651
18A	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	59	318	59	318	59	318	59	318	59	318
18B	Ephemeral	Tributary	Open Channel	Yes	No	0	0	39	210	39	210	39	210	39	210	39	210
18B_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	386	1,553	386	1,553	386	1,553	386	1,553	386	1,553
18C	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
18C_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	50	1,104	50	1,104	50	1,104	50	1,104	50	1,104
18C_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	241	2,412	253	2,525	253	2,525	253	2,525	253	2,525
18D	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
18D_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
18D_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
18D_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
18D_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
18G	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	6	65	6	65	6	65	6	65	6	65
18G_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	1,274	14,072	1,274	14,072	1,274	14,072	1,274	14,072	1,274	14,072
18G_D	Intermittent	Tributary	Ditch	Yes	Yes	0	0	8	54	8	54	8	54	8	54	8	54
18I	Perennial	Tributary	Open Channel	Yes	Yes	0	0	58	846	58	846	58	846	58	846	58	846
18J	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
18X	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19A	Intermittent	Excluded	Ditch	No	Yes	0	0	259	1,011	259	1,011	259	1,011	259	1,011	259	1,011
19A_C	Intermittent	Excluded	Culvert	No	Yes	0	0	1,308	6,525	1,308	6,525	1,308	6,525	1,308	6,525	1,308	6,525
19B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	56	166	56	166	56	166	56	166	56	166
19B_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	114	335	114	335	114	335	114	335	114	335
19C	Perennial	Tributary	Open Channel	Yes	Yes	0	0	70	635	70	635	70	635	70	635	70	635
19C_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	130	1,368	130	1,368	130	1,368	130	1,368	130	1,368
19E	Intermittent	Excluded	Ditch	No	Yes	0	0	266	795	266	795	266	795	266	795	266	795
19F	Perennial	Tributary	Open Channel	Yes	Yes	0	0	690	8,552	690	8,552	690	8,552	690	8,552	690	8,552
19F_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	140	1,633	140	1,633	140	1,633	140	1,633	140	1,633
19F_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	93	1,073	93	1,073	93	1,073	93	1,073	93	1,073
19F_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	65	951	65	951	65	951	65	951	65	951
19F_4	Perennial	Tributary	Open Channel	Yes	Yes	0	0	34	551	34	551	34	551	34	551	34	551
19F_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	162	1,351	162	1,351	162	1,351	162	1,351	162	1,351
19F_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	49	789	49	789	49	789	49	789	49	789
19F_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	1,308	16,756	1,308	16,756	1,308	16,756	1,308	16,756	1,308	16,756
19G	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	37	104	37	104	37	104	37	104	37	104
19J	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19J_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	129	1,427	129	1,427	129	1,427	129	1,427	129	1,427
19J_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	143	1,516	143	1,516	143	1,516	143	1,516	143	1,516
19J_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	22	169	22	169	22	169	22	169	22	169
19J_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	274	1,794	274	1,794	274	1,794	274	1,794	274	1,794
19K	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19K_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	8	426	8	426	8	426	8	426	8	426
19K_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	135	4,623	135	4,623	135	4,623	135	4,623	135	4,623

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Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
19K_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19K_4	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19K_5	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19K_6	Perennial	Tributary	Open Channel	Yes	Yes	0	0	42	796	42	796	42	796	42	796	42	796
19K_7	Perennial	Tributary	Open Channel	Yes	Yes	0	0	58	2,279	70	2,772	70	2,772	70	2,772	70	2,772
19K_8	Perennial	Tributary	Open Channel	Yes	Yes	0	0	59	2,657	71	3,269	71	3,269	71	3,269	71	3,269
19K_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19K_B1	Perennial	Tributary	Bridge	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19K_B2	Perennial	Tributary	Bridge	Yes	Yes	0	0	156	6,924	156	6,924	156	6,924	156	6,924	156	6,924
19N	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
19R	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	3	137	3	137	3	137	3	137	3	137
19R_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	1	15	1	15	1	15	1	15	1	15
19T	Perennial	Tributary	Open Channel	Yes	Yes	0	0	77	1,013	77	1,013	77	1,013	77	1,013	77	1,013
19T_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	171	3,137	171	3,137	171	3,137	171	3,137	171	3,137
19T_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	227	3,638	227	3,638	227	3,638	227	3,638	227	3,638
19V	Perennial	Tributary	Open Channel	Yes	Yes	0	0	40	694	53	922	53	922	53	922	53	922
19V_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	331	6,014	331	6,014	331	6,014	331	6,014	331	6,014
19X	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
20B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	72	309	83	351	83	351	83	351	83	351
20C	Perennial	Tributary	Ditch	Yes	Yes	0	0	37	112	37	112	37	112	37	112	37	112
20D	Perennial	Tributary	Open Channel	Yes	Yes	0	0	475	3,672	475	3,672	475	3,672	475	3,672	475	3,672
20D_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	180	1,895	180	1,895	180	1,895	180	1,895	180	1,895
20E	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	47	140	47	140	47	140	47	140	47	140
21B	Perennial	Tributary	Open Channel	Yes	Yes	0	0	2,120	20,702	2,163	21,397	2,163	21,397	2,163	21,397	2,163	21,397
21B_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	261	2,746	261	2,746	261	2,746	261	2,746	261	2,746
21C	Perennial	Tributary	Open Channel	Yes	Yes	0	0	5,522	116,918	5,539	117,194	5,539	117,194	5,547	117,316	5,539	117,194
21C_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	2,133	54,133	2,133	54,133	2,133	54,133	2,133	54,133	2,133	54,133
21C_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	896	21,059	896	21,059	896	21,059	896	21,059	896	21,059
21C_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	252	3,633	252	3,633	252	3,633	252	3,633	252	3,633
21C_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	321	4,836	321	4,836	321	4,836	321	4,836	321	4,836
21C_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	328	3,824	328	3,824	328	3,824	328	3,824	328	3,824
21D	Intermittent	Excluded	Ditch	No	Yes	0	0	106	105	106	105	106	105	106	105	106	105
21D_1	Intermittent	Excluded	Ditch	No	Yes	0	0	291	1,952	291	1,952	291	1,952	291	1,952	291	1,952
21D_C	Intermittent	Excluded	Culvert	No	Yes	0	0	316	1,035	316	1,035	316	1,035	316	1,035	316	1,035
21D_C1	Intermittent	Excluded	Culvert	No	Yes	0	0	119	798	119	798	119	798	119	798	119	798
21F	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	76	462	92	542	92	542	92	542	92	542
21F_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	258	1,837	258	1,837	258	1,837	258	1,837	258	1,837
21G	Intermittent	Excluded	Ditch	No	Yes	0	0	39	98	51	121	51	121	51	121	51	121
21H	Ephemeral	Tributary	Open Channel	Yes	No	0	0	30	181	44	244	44	244	44	244	44	244
21I	Perennial	Tributary	Open Channel	Yes	Yes	0	0	6	22	6	22	6	22	6	22	6	22
21J	Perennial	Tributary	Ditch	Yes	Yes	0	0	13	243	13	243	13	243	13	243	13	243
21K	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	5	28	5	28	5	28	5	28	5	28
21L_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	270	1,743	270	1,743	270	1,743	270	1,743	270	1,743
21L_D	Perennial	Tributary	Ditch	Yes	Yes	0	0	73	524	85	607	85	607	85	607	85	607
21L_D1	Perennial	Tributary	Ditch	Yes	Yes	0	0	20	83	20	83	20	83	20	83	20	83
21M	Intermittent	Excluded	Ditch	No	Yes	0	0	25	57	25	57	25	57	25	57	25	57
21R	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
21U	Perennial	Tributary	Open Channel	Yes	Yes	0	0	143	2,082	143	2,082	143	2,082	143	2,082	143	2,082
21V	Ephemeral	Tributary	Open Channel	Yes	No	0	0	124	904	124	904	124	904	124	904	124	904

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
22A	Intermittent	Excluded	Ditch	No	Yes	0	0	269	724	269	724	269	724	269	724	269	724
22A_C	Intermittent	Excluded	Culvert	No	Yes	0	0	152	439	152	439	152	439	152	439	152	439
22AA	Perennial	Tributary	Open Channel	Yes	Yes	0	0	83	2,489	83	2,489	83	2,489	83	2,489	83	2,489
22AA_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	16	1,098	16	1,101	16	1,101	16	1,101	16	1,101
22AA_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	99	5,477	99	5,477	99	5,477	99	5,477	99	5,477
22AA_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	189	7,690	189	7,690	189	7,690	189	7,690	189	7,690
22AA_B	Perennial	Tributary	Bridge	Yes	Yes	0	0	42	3,245	42	3,245	42	3,245	42	3,245	42	3,245
22AA_B1	Perennial	Tributary	Bridge	Yes	Yes	0	0	201	8,112	201	8,112	201	8,112	201	8,112	201	8,112
22AAA	Perennial	Tributary	Open Channel	Yes	No	0	0	339	10,664	339	10,664	339	10,664	339	10,664	339	10,664
22AAA_C	Perennial	Tributary	Culvert	Yes	No	0	0	491	981	491	981	491	981	491	981	491	981
22B	Intermittent	Excluded	Ditch	No	Yes	0	0	36	99	36	99	36	99	36	99	36	99
22BB	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
22C	Intermittent	Excluded	Ditch	No	Yes	0	0	51	146	51	146	51	146	51	146	51	146
22C_C	Intermittent	Excluded	Culvert	No	Yes	0	0	91	203	91	203	91	203	91	203	91	203
22CC	Ephemeral	Tributary	Open Channel	Yes	No	0	0	32	135	113	507	113	507	113	507	113	507
22CC_1	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
22CC_C	Ephemeral	Tributary	Culvert	Yes	No	0	0	-	-	34	113	34	113	34	113	34	113
22D	Intermittent	Excluded	Ditch	No	Yes	0	0	144	305	144	305	144	305	144	305	144	305
22DD	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22DD_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22EE	Ephemeral	Tributary	Open Channel	Yes	No	0	0	95	499	95	499	95	499	95	499	95	499
22FF	Ephemeral	Tributary	Open Channel	Yes	No	0	0	107	307	107	307	107	307	107	307	107	307
22H	Intermittent	Excluded	Ditch	No	Yes	0	0	78	170	78	170	78	170	78	170	78	170
22H_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	10	51	10	51	10	51	10	51	10	51
22H_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	95	760	95	760	95	760	95	760	95	760
22HH	Intermittent	Excluded	Ditch	No	Yes	0	0	230	1,157	230	1,157	230	1,157	230	1,157	230	1,157
22HH_1	Intermittent	Excluded	Ditch	No	Yes	0	0	154	925	154	925	154	925	154	925	154	925
22HH_2	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	117	608	117	608	117	608	117	608	117	608
22HH_C	Intermittent	Excluded	Culvert	No	Yes	0	0	113	1,011	113	1,011	113	1,011	113	1,011	113	1,011
22J	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22J_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22KK	Perennial	Tributary	Open Channel	Yes	Yes	0	0	26	257	26	257	26	257	26	257	26	257
22M	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22M_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	30	1,121	30	1,121	30	1,121	30	1,121	30	1,121
22M_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	65	1,848	65	1,848	65	1,848	65	1,848	65	1,848
22M_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22MM	Perennial	TNW	Open Channel	Yes	Yes	0	0	989	261,304	1,025	273,926	1,025	273,926	1,025	273,926	1,025	273,926
22MM_B	Perennial	TNW	Bridge	Yes	Yes	0	0	138	78,622	138	78,622	138	78,622	138	78,622	138	78,622
22N	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22NN	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	276	3,474	276	3,474	276	3,474	276	3,474	276	3,474
22NN_B	Intermittent	Tributary	Bridge	Yes	Yes	0	0	166	1,599	166	1,599	166	1,599	166	1,599	166	1,599
22P	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	10	26	10	26	10	26	10	26	10	26
22Q	Perennial	Tributary	Open Channel	Yes	Yes	0	0	136	1,112	136	1,112	136	1,112	136	1,112	136	1,112
22Q_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	62	251	62	251	62	251	62	251	62	251
22Q_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	277	1,572	277	1,572	277	1,572	277	1,572	277	1,572
22QQ	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	106	469	106	469	106	469	106	469	106	469
22RR	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22S	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
22SS	Perennial	Tributary	Open Channel	Yes	No	0	0	97	2,060	97	2,060	97	2,060	97	2,060	97	2,060

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
22T	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	9	127	9	127	9	127	9	127	9	127
22T_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	35	261	35	261	35	261	35	261	35	261
22T_2	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	92	497	92	497	92	497	92	497	92	497
22T_B	Intermittent	Tributary	Bridge	Yes	Yes	0	0	153	1,803	153	1,803	153	1,803	153	1,803	153	1,803
22T_B1	Intermittent	Tributary	Bridge	Yes	Yes	0	0	28	194	28	194	28	194	28	194	28	194
22UU	Intermittent	Tributary	Open Channel	Yes	No	0	0	543	10,481	543	10,481	543	10,481	543	10,481	543	10,481
22V	Intermittent	Tributary	Ditch	Yes	Yes	0	0	64	151	76	190	76	190	76	190	76	190
22V_1	Intermittent	Tributary	Ditch	Yes	Yes	0	0	40	92	40	92	40	92	40	92	40	92
22V_2	Intermittent	Tributary	Ditch	Yes	Yes	0	0	26	66	26	66	26	66	26	66	26	66
22V_B	Intermittent	Tributary	Bridge	Yes	Yes	0	0	168	331	168	331	168	331	168	331	168	331
22V_B1	Intermittent	Tributary	Bridge	Yes	Yes	0	0	28	69	28	69	28	69	28	69	28	69
22VV	Ephemeral	Tributary	Open Channel	Yes	No	0	0	371	7,102	371	7,102	371	7,102	371	7,102	371	7,102
22WW	Intermittent	Tributary	Open Channel	Yes	No	0	0	64	2,703	64	2,703	64	2,703	64	2,703	64	2,703
22WW_C	Intermittent	Tributary	Culvert	Yes	No	0	0	272	1,360	272	1,360	272	1,360	272	1,360	272	1,360
22XX	Intermittent	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
22Z	Perennial	Tributary	Open Channel	Yes	Yes	0	0	75	3,219	75	3,219	75	3,219	75	3,219	75	3,219
22Z_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	75	2,065	75	2,065	75	2,065	75	2,065	75	2,065
22Z_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	99	3,601	99	3,601	99	3,601	99	3,601	99	3,601
22ZZ	Perennial	Tributary	Open Channel	Yes	No	0	0	97	2,015	97	2,015	97	2,015	97	2,015	97	2,015
22ZZ_C	Perennial	Tributary	Culvert	Yes	No	0	0	1,075	6,513	1,075	6,513	1,075	6,513	1,075	6,513	1,075	6,513
23A	Perennial	Tributary	Open Channel	Yes	Yes	0	0	44	732	44	732	44	732	44	732	44	732
23A_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	148	3,073	148	3,073	148	3,073	148	3,073	148	3,073
23A_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	200	2,301	200	2,301	200	2,301	200	2,301	200	2,301
23A_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	1,130	15,132	1,130	15,132	1,130	15,132	1,220	15,253	1,130	15,132
23A_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	216	4,185	216	4,185	216	4,185	216	4,185	216	4,185
23A_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	407	5,620	407	5,620	407	5,620	407	5,620	407	5,620
23A_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	236	2,977	236	2,977	236	2,977	236	2,977	236	2,977
23AA	Perennial	Tributary	Open Channel	Yes	Yes	0	0	104	551	104	551	104	551	104	551	104	551
23AA_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	257	1,332	257	1,332	257	1,332	257	1,332	257	1,332
23AA_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	101	453	101	453	101	453	101	453	101	453
23AA_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	220	675	220	675	220	675	220	675	220	675
23C	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
23D	Intermittent	Excluded	Ditch	No	Yes	0	0	775	7,793	775	7,793	775	7,793	775	7,793	775	7,793
23D_C	Intermittent	Excluded	Culvert	No	Yes	0	0	255	2,456	255	2,456	255	2,456	255	2,456	255	2,456
23DD	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	98	641	98	641	98	641	98	641	98	641
23E	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	8	171	-	-
23FF	Intermittent	Excluded	Ditch	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-
23G	Perennial	Tributary	Open Channel	Yes	Yes	0	0	1,190	20,936	1,190	20,936	1,190	20,936	1,190	20,936	1,190	20,936
23G_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	112	2,569	112	2,569	112	2,569	112	2,569	112	2,569
23G_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	187	1,634	187	1,634	187	1,634	187	1,634	187	1,634
23H	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
23K	Perennial	Tributary	Open Channel	Yes	Yes	0	0	31	281	71	481	71	481	171	1,297	71	481
23K_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	18	73	18	79	18	79	246	1,445	3	7
23K_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	178	1,711	178	1,711	178	1,711	178	1,711	178	1,711
23K_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	53	441	53	441	53	441	83	627	53	379
23K_D	Perennial	Tributary	Ditch	Yes	Yes	0	0	699	5,085	699	5,085	699	5,085	699	5,085	699	5,085
23M	Ephemeral	Tributary	Open Channel	Yes	No	0	0	4	50	4	50	4	50	19	222	4	50
23N	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	188	1,919	227	2,263	227	2,263	301	3,082	188	1,919
23N_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	583	6,176	583	6,176	583	6,176	583	6,176	583	6,176

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Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
23N_D	Intermittent	Tributary	Ditch	Yes	Yes	0	0	33	273	33	273	33	273	33	273	33	273
23Q	Perennial	Tributary	Open Channel	Yes	Yes	0	0	239	2,797	260	3,289	260	3,289	436	6,398	260	3,289
23Q_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	88	815	93	947	93	947	116	1,434	93	947
23Q_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	69	992	82	1,181	82	1,181	116	1,603	69	992
23Q_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	250	3,968	250	3,968	250	3,968	250	3,968	250	3,968
23R	Perennial	Tributary	Open Channel	Yes	Yes	0	0	69	619	94	802	94	802	132	1,133	94	802
23S	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	51	297	64	427	64	427	74	518	64	427
23T	Ephemeral	Tributary	Open Channel	Yes	No	0	0	25	244	25	244	25	244	25	244	25	244
23U	Intermittent	Excluded	Ditch	No	Yes	0	0	20	181	20	181	20	181	20	181	20	181
23V	Intermittent	Excluded	Ditch	No	Yes	0	0	39	80	51	117	51	117	60	175	39	80
23V_C	Intermittent	Excluded	Culvert	No	Yes	0	0	777	2,245	777	2,245	777	2,245	777	2,245	777	2,245
23Z	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24A	Perennial	Tributary	Open Channel	Yes	Yes	0	0	41	698	41	698	41	698	41	698	41	698
24A_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	85	2,088	85	2,088	85	2,088	85	2,088	85	2,088
24A_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	320	6,427	320	6,427	320	6,427	320	6,427	320	6,427
24C	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	3	47	-	-
24D	Perennial	Tributary	Open Channel	Yes	Yes	0	0	46	396	46	396	46	396	46	396	46	396
24F	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24F_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24F_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	56	1,662	56	1,662	56	1,662	56	1,662	56	1,662
24F_3	Perennial	Tributary	Open Channel	Yes	Yes	0	0	60	1,090	60	1,090	60	1,090	60	1,090	60	1,090
24F_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24F_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	197	3,804	197	3,804	197	3,804	197	3,804	197	3,804
24F_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	390	7,102	390	7,102	390	7,102	390	7,102	390	7,102
24H	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24J	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24K	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24L	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24P	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	-	-	-	-
24S	Ephemeral	Tributary	Open Channel	Yes	No	0	0	13	117	13	117	13	117	13	117	13	117
24T	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
24U	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
25A	Perennial	Tributary	Ditch	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
25A_1	Perennial	Tributary	Ditch	Yes	Yes	0	0	70	168	70	168	70	168	70	168	70	168
25A_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
25C	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
25E	Perennial	Impoundment	Open Channel	Yes	Yes	0	0	-	-	17	101	17	101	53	484	14	58
25F	Ephemeral	Tributary	Open Channel	Yes	No	0	0	233	1,813	233	1,813	233	1,813	233	1,813	233	1,813
25G	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	154	1,808	154	1,808	154	1,808	154	1,808	154	1,808
25H	Perennial	Tributary	Open Channel	Yes	Yes	0	0	22	159	22	159	22	159	22	159	22	159
25H_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	20	82	-	-
25H_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	407	2,613	420	2,680	420	2,680	420	2,682	418	2,669
25L	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	66	347	66	347	66	347	66	347	66	347
26B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	38	489	38	539	38	539	38	539	38	489
26B_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	22	315	22	315	22	315	22	315	22	315
26B_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	306	6,809	306	6,809	306	6,809	306	6,809	306	6,809

Table 3: Impacts to Waterways by Feature ID

Feature ID	Classification	Clean Water Rule	Channel Type	USACE Jurisdiction	MDE Jurisdiction	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B	
						LF	SF	LF	SF	LF	SF	LF	SF	LF	SF	LF	SF
26B_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	47	489	47	489	47	489	47	489	47	489
26C	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	100	743	100	743	100	743	100	743	100	743
26C_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	30	388	30	388	30	388	30	388	30	388
26C_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	360	4,317	360	4,317	360	4,317	360	4,317	360	4,317
26C_C1	Intermittent	Tributary	Culvert	Yes	Yes	0	0	22	376	22	376	22	376	22	376	22	376
26G	Ephemeral	Tributary	Open Channel	Yes	No	0	0	141	995	141	995	141	995	141	995	141	995
26G_1	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	407	2,697	421	2,883	421	2,883	450	3,196	409	2,735
26J	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	31	191	31	191	31	191	31	191	31	191
27A	Perennial	Tributary	Open Channel	Yes	Yes	0	0	42	1,699	42	1,699	42	1,699	61	2,245	42	1,699
27A_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	110	2,308	110	2,308	110	2,308	112	2,359	110	2,308
27A_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	89	2,914	89	2,914	89	2,914	89	2,914	89	2,914
27A_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	325	10,081	325	10,081	325	10,081	325	10,081	325	10,081
27A_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	152	4,089	152	4,089	152	4,089	152	4,089	152	4,089
27B	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	16	116	16	116	16	116	25	232	16	116
27C	Ephemeral	Tributary	Open Channel	Yes	No	0	0	-	-	-	-	-	-	17	91	-	-
27D	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	15	96	15	96	99	873	11	69
27H	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
27K	Ephemeral	Excluded	Open Channel	Yes	No	0	0	42	210	42	210	42	210	42	210	42	210
27L	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	19	101	19	101	19	101	19	101	19	101
27L_C	Intermittent	Tributary	Culvert	Yes	Yes	0	0	399	1,610	405	1,632	405	1,632	405	1,632	405	1,632
27N	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
28A	Perennial	Impoundment	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
28B	Intermittent	Excluded	Ditch	No	Yes	0	0	91	624	91	624	91	624	91	624	91	624
29A	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29A_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	19	198	19	198	19	198	19	198	19	198
29A_2	Perennial	Tributary	Open Channel	Yes	Yes	0	0	51	1,456	51	1,456	51	1,456	51	1,456	51	1,456
29A_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29A_C1	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29A_C2	Perennial	Tributary	Culvert	Yes	Yes	0	0	464	10,415	464	10,415	464	10,415	464	10,415	464	10,415
29B	Perennial	Tributary	Open Channel	Yes	Yes	0	0	40	1,135	40	1,135	40	1,135	40	1,135	40	1,135
29B_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	70	1,716	70	1,716	70	1,716	70	1,716	70	1,716
29B_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	443	8,118	443	8,118	443	8,118	443	8,118	443	8,118
29C	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29D	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29D_D	Intermittent	Excluded	Ditch	No	Yes	0	0	119	1,360	119	1,360	119	1,360	119	1,360	119	1,360
29E	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29E_1	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29E_C	Perennial	Tributary	Culvert	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29F	Perennial	Tributary	Open Channel	Yes	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29H	Intermittent	Excluded	Ditch	No	Yes	0	0	-	-	-	-	-	-	-	-	-	-
29K	Intermittent	Tributary	Open Channel	Yes	Yes	0	0	19	99	19	99	19	99	19	99	19	99

NOTES: 1. Zero impacts occur in alternative 1, therefore all values are denoted as "0."

2. A "-" symbol indicates that no impact to the feature occurs in the respective alternative.

Table 2.3-2: Summary of Impacts to Wetlands and Waterways by Classification

Type	Classification	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
		AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
Wetlands	PEM	0	0	3.7	162,549	3.9	167,750	3.9	167,750	4.0	173,615	3.8	167,589	4.0	172,983
	PFO	0	0	10.7	464,917	11.4	497,307	11.4	497,307	11.5	499,176	11.4	496,280	11.4	498,158
	PSS	0	0	1.0	45,524	1.1	46,802	1.1	46,802	1.1	46,802	1.1	46,802	1.1	46,802
	Grand Total	**0**	**0**	**15.4**	**672,990**	**16.3**	**711,859**	**16.3**	**711,859**	**16.5**	**719,593**	**16.3**	**710,671**	**16.5**	**717,943**
Waterways		**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**
	Ephemeral	0	0	10,829	46,016	11,167	47,293	11,167	47,293	11,199	47,556	11,167	47,293	11,196	47,539
	Intermittent	0	0	64,252	368,373	65,354	373,447	65,354	373,447	65,580	375,839	65,287	372,841	65,445	374,323
	Perennial	0	0	78,621	1,401,275	79,401	1,424,712	79,401	1,424,712	80,205	1,432,736	79,368	1,424,335	79,991	1,429,246
	POW	0	0	NA	64,134	NA	64,134	NA	64,134	NA	64,134	NA	64,134	NA	64,134
	Grand Total	**0**	**0**	**153,702**	**1,879,798**	**155,922**	**1,909,586**	**155,922**	**1,909,586**	**156,984**	**1,920,265**	**155,822**	**1,908,603**	**156,632**	**1,915,242**

Table 2.3-3: Summary of Impacts to Wetland Buffers by Classification

Classification	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
PEM	0	0	14.6	634,381	15.0	651,682	15.0	651,682	15.3	665,922	14.9	649,804	15.3	664,976
PFO	0	0	32.8	1,429,874	34.3	1,495,037	34.3	1,495,037	34.5	1,501,615	34.3	1,494,032	34.4	1,496,893
PSS	0	0	3.7	162,795	3.8	166,124	3.8	166,124	3.8	166,124	3.8	166,124	3.8	166,124
Grand Total	**0**	**0**	**51.1**	**2,227,050**	**53.1**	**2,312,843**	**53.1**	**2,312,843**	**53.6**	**2,333,661**	**53.0**	**2,309,960**	**53.4**	**2,327,993**

Table 2.3-4: Summary of Impacts to Wetlands and Waterways by Classification within Virginia and Maryland Counties

Type	Classification	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
		AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
Wetlands	**Fairfax**	**0**	**0**	**0.0**	**2,021**	**0.0**	**2,021**	**0.0**	**2,021**	**0.0**	**2,021**	**0.0**	**2,021**	**0.0**	**2,021**
	PFO	0	0	0.0	2,021	0.0	2,021	0.0	2,021	0.0	2,021	0.0	2,021	0.0	2,021
	Montgomery	**0**	**0**	**1.9**	**81,736**	**2.3**	**99,073**	**2.3**	**99,073**	**2.5**	**106,807**	**2.2**	**97,885**	**2.4**	**105,157**
	PEM	0	0	1.0	41,574	1.0	43,768	1.0	43,768	1.1	49,633	1.0	43,607	1.1	49,001
	PFO	0	0	0.9	39,803	1.3	54,692	1.3	54,692	1.3	56,561	1.2	53,665	1.3	55,543
	PSS	0	0	0.0	359	0.0	613	0.0	613	0.0	613	0.0	613	0.0	613
	Prince George's	**0**	**0**	**13.5**	**589,233**	**14.0**	**610,765**	**14.0**	**610,765**	**14.0**	**610,765**	**14.0**	**610,765**	**14.0**	**610,765**
	PEM	0	0	2.8	120,975	2.8	123,982	2.8	123,982	2.8	123,982	2.8	123,982	2.8	123,982
	PFO	0	0	9.7	423,093	10.1	440,594	10.1	440,594	10.1	440,594	10.1	440,594	10.1	440,594
	PSS	0	0	1.0	45,165	1.1	46,189	1.1	46,189	1.1	46,189	1.1	46,189	1.1	46,189
	Grand Total	**0**	**0**	**15.4**	**672,990**	**16.3**	**711,859**	**16.3**	**711,859**	**16.5**	**719,593**	**16.3**	**710,671**	**16.5**	**717,943**
Waterways		**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**
	Fairfax	**0**	**0**	**3,349**	**43,879**	**3,349**	**43,879**	**3,349**	**43,879**	**3,349**	**43,879**	**3,349**	**43,879**	**3,349**	**43,879**
	Ephemeral	0	0	371	7,102	371	7,102	371	7,102	371	7,102	371	7,102	371	7,102
	Intermittent	0	0	879	14,544	879	14,544	879	14,544	879	14,544	879	14,544	879	14,544
	Perennial	0	0	2,099	22,233	2,099	22,233	2,099	22,233	2,099	22,233	2,099	22,233	2,099	22,233
	Montgomery	**0**	**0**	**58,708**	**1,071,029**	**59,752**	**1,094,028**	**59,752**	**1,094,028**	**60,814**	**1,104,707**	**59,652**	**1,093,045**	**60,462**	**1,099,684**
	Ephemeral	0	0	2,373	13,471	2,534	14,144	2,534	14,144	2,566	14,407	2,534	14,144	2,563	14,390
	Intermittent	0	0	19,335	124,899	19,796	127,302	19,796	127,302	20,022	129,694	19,729	126,696	19,887	128,178
	Perennial	0	0	37,000	932,659	37,422	952,582	37,422	952,582	38,226	960,606	37,389	952,205	38,012	957,116
	POW	0	0	-	-	-	-	-	-	-	-	-	-	-	-
	Prince George's	**0**	**0**	**91,645**	**764,890**	**92,821**	**771,679**	**92,821**	**771,679**	**92,821**	**771,679**	**92,821**	**771,679**	**92,821**	**771,679**
	Ephemeral	0	0	8,085	25,443	8,262	26,047	8,262	26,047	8,262	26,047	8,262	26,047	8,262	26,047
	Intermittent	0	0	44,038	228,930	44,679	231,601	44,679	231,601	44,679	231,601	44,679	231,601	44,679	231,601
	Perennial	0	0	39,522	446,383	39,880	449,897	39,880	449,897	39,880	449,897	39,880	449,897	39,880	449,897
	POW	0	0	NA	64,134	NA	64,134	NA	64,134	NA	64,134	NA	64,134	NA	64,134
	Grand Total	**0**	**0**	**153,702**	**1,879,798**	**155,922**	**1,909,586**	**155,922**	**1,909,586**	**156,984**	**1,920,265**	**155,822**	**1,908,603**	**156,632**	**1,915,242**

Table 2.3-5: Summary of Impacts to Wetland Buffers by Classification within Maryland Counties

County	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
Montgomery	**0**	**0**	**7.7**	**335,311**	**8.5**	**371,024**	**8.5**	**371,024**	**9.0**	**391,842**	**8.5**	**368,141**	**8.9**	**386,174**
PEM	0	0	3.1	135,250	3.3	145,824	3.3	145,824	3.7	160,064	3.3	143,946	3.7	159,118
PFO	0	0	4.5	193,991	5.0	216,524	5.0	216,524	5.1	223,102	4.9	215,519	5.0	218,380
PSS	0	0	0.1	6,070	0.2	8,676	0.2	8,676	0.2	8,676	0.2	8,676	0.2	8,676
Prince George's	**0**	**0**	**43.4**	**1,891,739**	**44.6**	**1,941,819**	**44.6**	**1,941,819**	**44.6**	**1,941,819**	**44.6**	**1,941,819**	**44.6**	**1,941,819**
PEM	0	0	11.5	499,131	11.6	505,858	11.6	505,858	11.6	505,858	11.6	505,858	11.6	505,858
PFO	0	0	28.4	1,235,883	29.4	1,278,513	29.4	1,278,513	29.4	1,278,513	29.4	1,278,513	29.4	1,278,513
PSS	0	0	3.6	156,725	3.6	157,448	3.6	157,448	3.6	157,448	3.6	157,448	3.6	157,448
Grand Total	**0**	**0**	**51.1**	**2,227,050**	**53.1**	**2,312,843**	**53.1**	**2,312,843**	**53.6**	**2,333,661**	**53.0**	**2,309,960**	**53.4**	**2,327,993**

Table 2.3-6: Summary of Impacts to Wetlands and Waterways by Classification within USGS HUC8 Watersheds

Type	Classification	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
		AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
Wetlands	**Middle Potomac-Anacostia-Occoquan**	**0**	**0**	**9.6**	**416,559**	**10.1**	**439,821**	**10.1**	**439,821**	**10.1**	**439,821**	**10.1**	**439,821**	**10.1**	**439,821**
	PEM	0	0	2.0	86,813	2.0	89,079	2.0	89,079	2.0	89,079	2.0	89,079	2.0	89,079
	PFO	0	0	7.2	313,267	7.6	332,985	7.6	332,985	7.6	332,985	7.6	332,985	7.6	332,985
	PSS	0	0	0.4	16,479	0.4	17,757	0.4	17,757	0.4	17,757	0.4	17,757	0.4	17,757
	Middle Potomac-Catoctin	**0**	**0**	**1.5**	**64,587**	**1.6**	**70,477**	**1.6**	**70,477**	**1.8**	**78,211**	**1.6**	**69,289**	**1.8**	**76,561**
	PEM	0	0	0.8	36,723	0.9	38,917	0.9	38,917	1.0	44,782	0.9	38,756	1.0	44,150
	PFO	0	0	0.6	27,862	0.7	31,558	0.7	31,558	0.8	33,427	0.7	30,531	0.7	32,409
	PSS	0	0	0.0	2	0.0	2	0.0	2	0.0	2	0.0	2	0.0	2
	Patuxent	**0**	**0**	**4.4**	**191,844**	**4.6**	**201,561**	**4.6**	**201,561**	**4.6**	**201,561**	**4.6**	**201,561**	**4.6**	**201,561**
	PEM	0	0	0.9	39,013	0.9	39,754	0.9	39,754	0.9	39,754	0.9	39,754	0.9	39,754
	PFO	0	0	2.8	123,788	3.0	132,764	3.0	132,764	3.0	132,764	3.0	132,764	3.0	132,764
	PSS	0	0	0.7	29,043	0.7	29,043	0.7	29,043	0.7	29,043	0.7	29,043	0.7	29,043
	Grand Total	**0**	**0**	**15.4**	**672,990**	**16.3**	**711,859**	**16.3**	**711,859**	**16.5**	**719,593**	**16.3**	**710,671**	**16.5**	**717,943**
Waterways		**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**	**LF**	**SF**
	Middle Potomac-Anacostia-Occoquan	**0**	**0**	**94,816**	**844,827**	**96,273**	**857,249**	**96,273**	**857,249**	**96,554**	**861,689**	**96,260**	**857,060**	**96,349**	**858,389**
	Ephemeral	0	0	7,101	25,843	7,273	26,345	7,273	26,345	7,273	26,345	7,273	26,345	7,273	26,345
	Intermittent	0	0	44,865	245,058	45,623	248,316	45,623	248,316	45,633	248,407	45,623	248,316	45,623	248,316
	Perennial	0	0	42,850	539,639	43,377	548,301	43,377	548,301	43,648	552,650	43,364	548,112	43,453	549,441
	POW	0	0	0	34,287	0	34,287	0	34,287	0	34,287	0	34,287	0	34,287
	Middle Potomac-Catoctin	**0**	**0**	**36,472**	**852,579**	**36,916**	**868,099**	**36,916**	**868,099**	**37,697**	**874,338**	**36,829**	**867,305**	**37,550**	**872,615**
	Ephemeral	0	0	1,192	12,313	1,321	12,861	1,321	12,861	1,353	13,124	1,321	12,861	1,350	13,107
	Intermittent	0	0	9,988	81,765	10,125	82,684	10,125	82,684	10,341	84,985	10,058	82,078	10,216	83,560
	Perennial	0	0	25,292	758,501	25,470	772,554	25,470	772,554	26,003	776,229	25,450	772,366	25,984	775,948
	Patuxent	**0**	**0**	**22,414**	**182,392**	**22,733**	**184,238**	**22,733**	**184,238**	**22,733**	**184,238**	**22,733**	**184,238**	**22,733**	**184,238**
	Ephemeral	0	0	2,536	7,860	2,573	8,087	2,573	8,087	2,573	8,087	2,573	8,087	2,573	8,087
	Intermittent	0	0	9,399	41,550	9,606	42,447	9,606	42,447	9,606	42,447	9,606	42,447	9,606	42,447
	Perennial	0	0	10,479	103,135	10,554	103,857	10,554	103,857	10,554	103,857	10,554	103,857	10,554	103,857
	POW	0	0	NA	29,847	NA	29,847	NA	29,847	NA	29,847	NA	29,847	NA	29,847
	Grand Total	**0**	**0**	**153,702**	**1,879,798**	**155,922**	**1,909,586**	**155,922**	**1,909,586**	**156,984**	**1,920,265**	**155,822**	**1,908,603**	**156,632**	**1,915,242**

Table 2.3-7: Summary of Impacts to Wetland Buffers by Classification and USGS HUC8 Watersheds

Watershed	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
Middle Potomac-Anacostia-Occoquan	**0**	**0**	**30.0**	**1,305,994**	**31.0**	**1,348,956**	**31.0**	**1,348,956**	**31.0**	**1,348,956**	**31.0**	**1,348,956**	**31.0**	**1,348,956**
PEM	0	0	8.4	365,072	8.5	369,300	8.5	369,300	8.5	369,300	8.5	369,300	8.5	369,300
PFO	0	0	20.2	879,029	21.0	914,434	21.0	914,434	21.0	914,434	21.0	914,434	21.0	914,434
PSS	0	0	1.4	61,893	1.5	65,222	1.5	65,222	1.5	65,222	1.5	65,222	1.5	65,222
Middle Potomac-Catoctin	**0**	**0**	**5.2**	**224,985**	**5.5**	**239,546**	**5.5**	**239,546**	**6.0**	**260,364**	**5.4**	**236,663**	**5.8**	**254,696**
PEM	0	0	2.7	117,308	2.9	127,461	2.9	127,461	3.3	141,701	2.9	125,583	3.2	140,755
PFO	0	0	2.4	106,205	2.5	110,613	2.5	110,613	2.7	117,191	2.5	109,608	2.6	112,469
PSS	0	0	0.0	1,472	0.0	1,472	0.0	1,472	0.0	1,472	0.0	1,472	0.0	1,472
Patuxent	**0**	**0**	**16.0**	**696,071**	**16.6**	**724,341**	**16.6**	**724,341**	**16.6**	**724,341**	**16.6**	**724,341**	**16.6**	**724,341**
PEM	0	0	3.5	152,001	3.6	154,921	3.6	154,921	3.6	154,921	3.6	154,921	3.6	154,921
PFO	0	0	10.2	444,640	10.8	469,990	10.8	469,990	10.8	469,990	10.8	469,990	10.8	469,990
PSS	0	0	2.3	99,430	2.3	99,430	2.3	99,430	2.3	99,430	2.3	99,430	2.3	99,430
Grand Total	**0**	**0**	**51.1**	**2,227,050**	**53.1**	**2,312,843**	**53.1**	**2,312,843**	**53.6**	**2,333,661**	**53.0**	**2,309,960**	**53.4**	**2,327,993**

NOTES: 1. A "-" symbol indicates that no impacts to the resource occurs within that category.
2. If a classification does not appear under the wetlands or waters category, no features with that classification were identified within that watershed. (e.g. No PSS wetlands were identified in the Rock Creek watershed within the corridor study boundary.)
3. "NA" was used for POW LF because these features are not assessed in LF.
4. Zero impacts occur in alternative 1, therefore all values are denoted as "0."

Table 2.1-2: Impacts to Soils by Type in Acres

	ALT 1	ALT 5	ALT 8	ALT 9	ALT 10	ALT 13B	ALT 13C
Farmland of Statewide Importance	0	1.9	1.9	1.9	1.9	1.9	1.9
Prime Farmland	0	2.1	2.1	2.1	2.1	2.1	2.1
Hydric	0	20.0	20.4	20.4	20.8	20.3	20.6
Predominantly Hydric	0	80.4	82.2	82.2	82.8	82.0	82.4
Partially Hydric	0	24.2	25.3	25.3	25.3	25.3	25.3
Predominantly Non-Hydric	0	711.0	733.1	733.1	742.4	728.2	735.6
Non-Hydric	0	2,508.3	2,556.9	2,556.9	2,566.7	2,552.8	2,561.7

Table 2.1-3: Impacts to Steep Slopes and Highly Erodible Soils in Acres

	ALT 1	ALT 5	ALT 8	ALT 9	ALT 10	ALT 13B	ALT 13C
Steep Slopes 5, K Factor 35	0	350.5	362.1	362.1	369.0	359.1	364.5
Steep Slopes 15	0	808.2	831.4	831.4	837.9	827.9	796.4
Total Impacts to Highly Erodible Soils	**0**	**1,158.7**	**1,193.5**	**1,193.5**	**1,206.9**	**1,187.0**	**1,160.9**

Table 2.6-2: Impacts to FEMA 100-Year Floodplain in Acres

	ALT 1	ALT 5	ALT 8	ALT 9	ALT 10	ALT 13B	ALT 13C
FEMA 100-Year Floodplain	0.0	114.3	119.5	119.5	120.0	119.5	119.9

Table 2.7-4: Impacts to Forests in Acres

	ALT 1	ALT 5	ALT 8	ALT 9	ALT 10	ALT 13B	ALT 13C
Forest Canopy[1]	0.0	1,434	1,497	1,497	1,515	1,489	1,503
Forest Conservation Act Easements	0.0	17.2	19.3	19.3	20.8	18.8	19.7

[1]Tree cover removed where wetlands overlapped.

Table 2.7-5: Impacts to Reforestation Sites in Acres

	ALT 1	ALT 5	ALT 8	ALT 9	ALT 10	ALT 13B	ALT 13C
TMDL Reforestation Sites	0	60.6	60.7	60.7	60.7	60.7	60.7
ICC Reforestation Sites	0	4.6	4.6	4.6	4.6	4.6	4.6

Table 2.8-1: Impacts to Potential FIDS Habitat in Acres

	ALT 1	ALT 5	ALT 8	ALT 9	ALT 10	ALT 13B	ALT 13C
Potential FIDS Habitat	0	25.2	27.7	27.7	27.7	27.7	27.7

Table 2.10-1: SSPRA Acreage within the Corridor Study Boundary

	ALT 1	ALT 5	ALT 8	ALT 9	ALT 10	ALT 13B	ALT 13C
Total SSPRA in Acres	0	151.7	155.0	155.0	155.0	155.0	155.0

Table 2.11-1: Impacts to Unique and Sensitive Areas in Acres

	ALT 1	ALT 5	ALT 8	ALT 9	ALT 10	ALT 13B	ALT 13C
Targeted Ecological Areas	0	74.7	77.1	77.1	77.1	77.1	77.1
Green Infrastructure Hubs	0	41.8	45.0	45.0	46.2	43.8	44.4
Green Infrastructure Corridors	0	278.8	286.1	286.1	287.5	285.8	287.1
Special Protection Areas	0	-	-	-	-	-	-
Total Impacts to Unique and Sensitive Areas	**0**	**395.3**	**408.2**	**408.2**	**410.8**	**406.7**	**408.6**

Note: A "-" indicates that SPAs do not occur within the corridor study boundary.

Table 2.3-8: Summary of Impacts to Wetlands and Waters by Classification within MDNR 12-Digit Watersheds

MDNR Watershed and Classification	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF
Potomac River/Rock Run														
Wetlands	**0**	**0**	**0.8**	**34,059**	**0.9**	**37,097**	**0.9**	**37,097**	**0.9**	**37,097**	**0.9**	**37,097**	**0.9**	**37,097**
PEM	0	0	0.4	18,495	0.4	19,556	0.4	19,556	0.4	19,556	0.4	19,556	0.4	19,556
PFO	0	0	0.4	15,564	0.4	17,541	0.4	17,541	0.4	17,541	0.4	17,541	0.4	17,541
Waterways	**0**	**0**	**3,619**	**358,997**	**3,667**	**371,658**	**3,667**	**371,658**	**3,667**	**371,658**	**3,667**	**371,658**	**3,667**	**371,658**
Ephemeral	0	0	107	307	107	307	107	307	107	307	107	307	107	307
Perennial	0	0	1,697	345,830	1,733	358,452	1,733	358,452	1,733	358,452	1,733	358,452	1,733	358,452
Intermittent	0	0	1,815	12,860	1,827	12,899	1,827	12,899	1,827	12,899	1,827	12,899	1,827	12,899
Cabin John Creek														
Wetlands	**0**	**0**	**0.3**	**11,884**	**0.3**	**13,860**	**0.3**	**13,860**	**0.5**	**20,583**	**0.3**	**12,749**	**0.4**	**19,093**
PEM	0	0	0.2	7,474	0.2	8,003	0.2	8,003	0.3	13,868	0.2	7,842	0.3	13,236
PFO	0	0	0.1	4,410	0.1	5,857	0.1	5,857	0.2	6,715	0.1	4,907	0.1	5,857
Waterways	**0**	**0**	**25,490**	**383,645**	**25,851**	**386,150**	**25,851**	**386,150**	**26,472**	**390,495**	**25,780**	**385,581**	**26,361**	**389,213**
Ephemeral	0	0	531	3,699	660	4,247	660	4,247	675	4,419	660	4,247	675	4,419
Perennial	0	0	19,691	346,309	19,833	347,740	19,833	347,740	20,345	350,818	19,813	347,552	20,328	350,631
Intermittent	0	0	5,268	33,637	5,358	34,163	5,358	34,163	5,452	35,258	5,307	33,782	5,358	34,163
Rock Creek														
Wetlands	**0**	**0**	**0.4**	**15,567**	**0.6**	**25,360**	**0.6**	**25,360**	**0.6**	**25,360**	**0.6**	**25,360**	**0.6**	**25,360**
PEM	0	0	0.1	3,175	0.1	3,175	0.1	3,175	0.1	3,175	0.1	3,175	0.1	3,175
PFO	0	0	0.3	12,392	0.5	22,185	0.5	22,185	0.5	22,185	0.5	22,185	0.5	22,185
Waterways	**0**	**0**	**16,045**	**185,114**	**16,308**	**188,956**	**16,308**	**188,956**	**16,589**	**193,396**	**16,295**	**188,767**	**16,384**	**190,096**
Ephemeral	0	0	998	4,209	1,010	4,232	1,010	4,232	1,010	4,232	1,010	4,232	1,010	4,232
Perennial	0	0	10,355	151,741	10,501	155,026	10,501	155,026	10,772	159,375	10,488	154,837	10,577	156,166
Intermittent	0	0	4,692	29,164	4,797	29,698	4,797	29,698	4,807	29,789	4,797	29,698	4,797	29,698
Sligo Creek														
Wetlands	**0**	**0**	**0.1**	**3,603**	**0.1**	**5,257**	**0.1**	**5,257**	**0.1**	**5,257**	**0.1**	**5,257**	**0.1**	**5,257**
PEM	0	0	0.0	1,676	0.0	1,676	0.0	1,676	0.0	1,676	0.0	1,676	0.0	1,676
PFO	0	0	0.0	1,570	0.1	2,970	0.1	2,970	0.1	2,970	0.1	2,970	0.1	2,970
PSS	0	0	0.0	357	0.0	611	0.0	611	0.0	611	0.0	611	0.0	611
Waterways	**0**	**0**	**2,539**	**19,276**	**2,733**	**20,598**	**2,733**	**20,598**	**2,733**	**20,598**	**2,733**	**20,598**	**2,733**	**20,598**
Ephemeral	0	0	0	0	8	30	8	30	8	30	8	30	8	30
Perennial	0	0	630	5,911	674	6,800	674	6,800	674	6,800	674	6,800	674	6,800
Intermittent	0	0	1,909	13,365	2,051	13,768	2,051	13,768	2,051	13,768	2,051	13,768	2,051	13,768
Northwest Branch														
Waterways	**0**	**0**	**9,183**	**65,635**	**9,326**	**67,950**	**9,326**	**67,950**	**9,326**	**67,950**	**9,326**	**67,950**	**9,326**	**67,950**
Ephemeral	0	0	554	4,051	566	4,123	566	4,123	566	4,123	566	4,123	566	4,123
Perennial	0	0	2,822	38,739	2,876	40,435	2,876	40,435	2,876	40,435	2,876	40,435	2,876	40,435
Intermittent	0	0	5,807	22,845	5,884	23,392	5,884	23,392	5,884	23,392	5,884	23,392	5,884	23,392
POW	0	0	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-

Table 2.3-8: Summary of Impacts to Wetlands and Waters by Classification within MDNR 12-Digit Watersheds

MDNR Watershed and Classification	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF
Paint Branch														
Wetlands	**0**	**0**	**2.0**	**88,221**	**2.0**	**88,221**	**2.0**	**88,221**	**2.0**	**88,221**	**2.0**	**88,221**	**2.0**	**88,221**
PEM	0	0	0.3	14,011	0.3	14,011	0.3	14,011	0.3	14,011	0.3	14,011	0.3	14,011
PFO	0	0	1.7	74,210	1.7	74,210	1.7	74,210	1.7	74,210	1.7	74,210	1.7	74,210
Waterways	**0**	**0**	**13,969**	**166,599**	**13,969**	**166,599**	**13,969**	**166,599**	**13,969**	**166,599**	**13,969**	**166,599**	**13,969**	**166,599**
Ephemeral	0	0	661	1,868	661	1,868	661	1,868	661	1,868	661	1,868	661	1,868
Perennial	0	0	8,235	121,627	8,235	121,627	8,235	121,627	8,235	121,627	8,235	121,627	8,235	121,627
Intermittent	0	0	5,073	27,523	5,073	27,523	5,073	27,523	5,073	27,523	5,073	27,523	5,073	27,523
POW	0	0	NA	15,581	NA	15,581	NA	15,581	NA	15,581	NA	15,581	NA	15,581
Little Paint Branch														
Wetlands	**0**	**0**	**0.3**	**14,348**	**0.4**	**17,012**	**0.4**	**17,012**	**0.4**	**17,012**	**0.4**	**17,012**	**0.4**	**17,012**
PEM	0	0	-	-	-	-	-	-	-	-	-	-	-	-
PFO	0	0	0.3	14,348	0.4	17,012	0.4	17,012	0.4	17,012	0.4	17,012	0.4	17,012
Waterways	**0**	**0**	**901**	**16,817**	**901**	**16,817**	**901**	**16,817**	**901**	**16,817**	**901**	**16,817**	**901**	**16,817**
Perennial	0	0	454	15,149	454	15,149	454	15,149	454	15,149	454	15,149	454	15,149
Intermittent	0	0	447	1,668	447	1,668	447	1,668	447	1,668	447	1,668	447	1,668
Northeast Branch														
Wetlands	**0**	**0**	**2.9**	**126,693**	**3.0**	**131,721**	**3.0**	**131,721**	**3.0**	**131,721**	**3.0**	**131,721**	**3.0**	**131,721**
PEM	0	0	0.5	22,744	0.5	23,615	0.5	23,615	0.5	23,615	0.5	23,615	0.5	23,615
PFO	0	0	2.1	93,217	2.2	97,273	2.2	97,273	2.2	97,273	2.2	97,273	2.2	97,273
PSS	0	0	0.2	10,732	0.2	10,833	0.2	10,833	0.2	10,833	0.2	10,833	0.2	10,833
Waterways	**0**	**0**	**22,174**	**176,596**	**22,686**	**179,857**	**22,686**	**179,857**	**22,686**	**179,857**	**22,686**	**179,857**	**22,686**	**179,857**
Ephemeral	0	0	1,476	3,888	1,515	3,974	1,515	3,974	1,515	3,974	1,515	3,974	1,515	3,974
Perennial	0	0	8,682	97,768	8,923	100,213	8,923	100,213	8,923	100,213	8,923	100,213	8,923	100,213
Intermittent	0	0	12,016	74,940	12,248	75,670	12,248	75,670	12,248	75,670	12,248	75,670	12,248	75,670
POW	0	0	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Bald Hill Branch														
Wetlands	**0**	**0**	**0.1**	**2,784**	**0.1**	**2,784**	**0.1**	**2,784**	**0.1**	**2,784**	**0.1**	**2,784**	**0.1**	**2,784**
PEM	0	0	0.0	1,877	0.0	1,877	0.0	1,877	0.0	1,877	0.0	1,877	0.0	1,877
PFO	0	0	0.0	892	0.0	892	0.0	892	0.0	892	0.0	892	0.0	892
PSS	0	0	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15	0.0	15
Waterways	**0**	**0**	**967**	**5,164**	**967**	**5,164**	**967**	**5,164**	**967**	**5,164**	**967**	**5,164**	**967**	**5,164**
Ephemeral	0	0	469	1,152	469	1,152	469	1,152	469	1,152	469	1,152	469	1,152
Intermittent	0	0	498	4,012	498	4,012	498	4,012	498	4,012	498	4,012	498	4,012

Table 2.3-8: Summary of Impacts to Wetlands and Waters by Classification within MDNR 12-Digit Watersheds

MDNR Watershed and Classification	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF
Upper Beaverdam Creek														
Wetlands	**0**	**0**	**0.5**	**23,661**	**0.6**	**24,058**	**0.6**	**24,058**	**0.6**	**24,058**	**0.6**	**24,058**	**0.6**	**24,058**
PEM	0	0	0.2	9,297	0.2	9,307	0.2	9,307	0.2	9,307	0.2	9,307	0.2	9,307
PFO	0	0	0.3	12,539	0.3	12,926	0.3	12,926	0.3	12,926	0.3	12,926	0.3	12,926
PSS	0	0	0.0	1,825	0.0	1,825	0.0	1,825	0.0	1,825	0.0	1,825	0.0	1,825
Waterways	**0**	**0**	**10,988**	**82,023**	**11,040**	**82,315**	**11,040**	**82,315**	**11,040**	**82,315**	**11,040**	**82,315**	**11,040**	**82,315**
Ephemeral	0	0	198	476	198	476	198	476	198	476	198	476	198	476
Perennial	0	0	4,334	28,635	4,363	28,864	4,363	28,864	4,363	28,864	4,363	28,864	4,363	28,864
Intermittent	0	0	6,456	34,206	6,479	34,269	6,479	34,269	6,479	34,269	6,479	34,269	6,479	34,269
POW	0	0	NA	18,706	NA	18,706	NA	18,706	NA	18,706	NA	18,706	NA	18,706
Upper Southwest Branch														
Wetlands	**0**	**0**	**3.7**	**161,381**	**3.9**	**171,059**	**3.9**	**171,059**	**3.9**	**171,059**	**3.9**	**171,059**	**3.9**	**171,059**
PEM	0	0	0.8	35,427	0.8	36,168	0.8	36,168	0.8	36,168	0.8	36,168	0.8	36,168
PFO	0	0	2.7	115,516	2.9	124,453	2.9	124,453	2.9	124,453	2.9	124,453	2.9	124,453
PSS	0	0	0.24	10,438	0.24	10,438	0.24	10,438	0.24	10,438	0.24	10,438	0.24	10,438
Waterways	**0**	**0**	**18,061**	**155,121**	**18,368**	**156,865**	**18,368**	**156,865**	**18,368**	**156,865**	**18,368**	**156,865**	**18,368**	**156,865**
Ephemeral	0	0	2,176	4,802	2,201	4,927	2,201	4,927	2,201	4,927	2,201	4,927	2,201	4,927
Perennial	0	0	9,173	91,538	9,248	92,260	9,248	92,260	9,248	92,260	9,248	92,260	9,248	92,260
Intermittent	0	0	6,712	28,934	6,919	29,831	6,919	29,831	6,919	29,831	6,919	29,831	6,919	29,831
POW	0	0	NA	29,847	NA	29,847	NA	29,847	NA	29,847	NA	29,847	NA	29,847
Lower Southwest Branch														
Wetlands	**0**	**0**	**0.6**	**27,679**	**0.6**	**27,718**	**0.6**	**27,718**	**0.6**	**27,718**	**0.6**	**27,718**	**0.6**	**27,718**
PEM	0	0	0.0	1,709	0.0	1,709	0.0	1,709	0.0	1,709	0.0	1,709	0.0	1,709
PFO	0	0	0.2	7,380	0.2	7,419	0.2	7,419	0.2	7,419	0.2	7,419	0.2	7,419
PSS	0	0	0.4	18,590	0.4	18,590	0.4	18,590	0.4	18,590	0.4	18,590	0.4	18,590
Waterways	**0**	**0**	**2,276**	**18,321**	**2,288**	**18,423**	**2,288**	**18,423**	**2,288**	**18,423**	**2,288**	**18,423**	**2,288**	**18,423**
Ephemeral	0	0	280	2,755	292	2,857	292	2,857	292	2,857	292	2,857	292	2,857
Perennial	0	0	1,306	11,597	1,306	11,597	1,306	11,597	1,306	11,597	1,306	11,597	1,306	11,597
Intermittent	0	0	690	3,969	690	3,969	690	3,969	690	3,969	690	3,969	690	3,969
POW	0	0	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Watts Branch														
Wetlands	**0**	**0**	**0.4**	**16,623**	**0.4**	**17,499**	**0.4**	**17,499**	**0.4**	**18,510**	**0.4**	**17,422**	**0.4**	**18,350**
PEM	0	0	0.2	10,754	0.3	11,358	0.3	11,358	0.3	11,358	0.3	11,358	0.3	11,358
PFO	0	0	0.1	5,867	0.1	6,139	0.1	6,139	0.2	7,150	0.1	6,062	0.2	6,990
PSS	0	0	0.0	2	0.0	2	0.0	2	0.0	2	0.0	2	0.0	2
Waterways	**0**	**0**	**2,698**	**40,937**	**2,733**	**41,291**	**2,733**	**41,291**	**2,893**	**43,185**	**2,717**	**41,066**	**2,857**	**42,744**
Ephemeral	0	0	183	1,205	183	1,205	183	1,205	200	1,296	183	1,205	197	1,279
Perennial	0	0	718	21,091	718	21,091	718	21,091	739	21,688	718	21,091	737	21,594
Intermittent	0	0	1,797	18,641	1,832	18,995	1,832	18,995	1,954	20,201	1,816	18,770	1,923	19,871

Table 2.3-8: Summary of Impacts to Wetlands and Waters by Classification within MDNR 12-Digit Watersheds

MDNR Watershed and Classification	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF	AC/LF	SF
Muddy Branch														
Wetlands	**0**	**0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
PEM	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Waterways	**0**	**0**	**1,316**	**25,121**	**1,316**	**25,121**	**1,316**	**25,121**	**1,316**	**25,121**	**1,316**	**25,121**	**1,316**	**25,121**
Perennial	0	0	1,087	23,038	1,087	23,038	1,087	23,038	1,087	23,038	1,087	23,038	1,087	23,038
Intermittent	0	0	229	2,083	229	2,083	229	2,083	229	2,083	229	2,083	229	2,083
Beaverdam Creek														
Waterways	**0**	**0**	**11**	**67**	**11**	**67**	**11**	**67**	**11**	**67**	**11**	**67**	**11**	**67**
Intermittent	0	0	11	67	11	67	11	67	11	67	11	67	11	67
Henson Creek														
Wetlands	**0**	**0**	**3.3**	**144,466**	**3.4**	**148,192**	**3.4**	**148,192**	**3.4**	**148,192**	**3.4**	**148,192**	**3.4**	**148,192**
PEM	0	0	0.8	35,910	0.9	37,295	0.9	37,295	0.9	37,295	0.9	37,295	0.9	37,295
PFO	0	0	2.4	104,991	2.4	106,409	2.4	106,409	2.4	106,409	2.4	106,409	2.4	106,409
PSS	0	0	0.1	3,565	0.1	4,488	0.1	4,488	0.1	4,488	0.1	4,488	0.1	4,488
Waterways	**0**	**0**	**20,116**	**136,486**	**20,409**	**137,876**	**20,409**	**137,876**	**20,409**	**137,876**	**20,409**	**137,876**	**20,409**	**137,876**
Ephemeral	0	0	2,825	10,502	2,926	10,793	2,926	10,793	2,926	10,793	2,926	10,793	2,926	10,793
Perennial	0	0	7,338	80,069	7,351	80,187	7,351	80,187	7,351	80,187	7,351	80,187	7,351	80,187
Intermittent	0	0	9,953	45,915	10,132	46,896	10,132	46,896	10,132	46,896	10,132	46,896	10,132	46,896
POW	0	0	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-

NOTES: 1. Wetlands are presented in acres and square feet, waterways are presented in linear feet and square feet.

2. A "-" symbol indicates that no impacts to the resource occurs within that category. A "-" symbol is also used for POW LF because these features are not assessed in LF.

3. If a classification does not appear under the wetlands or waters category, no features with that classification were identified within that watershed. (e.g. No PSS wetlands were identified in the Rock Creek watershed within the corridor study boundary.)

4. Zero impacts occur in alternative 1, therefore all values are denoted as "0."

Table 2.4-34: Additional Impervious Surfaces by MDE 12-digit Watershed

Watershed Name	MDE 12-Digit Watershed	ALT 1		ALT 5		ALT 8		ALT 9		ALT 10		ALT 13B		ALT 13C	
		AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF	AC	SF
Potomac River/Rock Run	021402020845	0	0	9.1	396,479	13.8	599,986	13.8	599,986	13.8	599,986	13.8	599,986	13.8	599,986
Cabin John Creek	021402070841	0	0	64.1	2,791,915	90.4	3,937,384	90.4	3,937,384	111.7	4,865,280	80.6	3,510,516	96.4	4,199,977
Rock Creek	021402060836	0	0	43.7	1,904,069	56.5	2,460,759	56.5	2,460,759	62.9	2,739,693	54.5	2,375,644	58.4	2,542,005
Sligo Creek	021402050821	0	0	17.7	770,111	24.5	1,066,885	24.5	1,066,885	24.5	1,066,885	24.5	1,066,885	24.5	1,066,885
Northwest Branch	021402050818	0	0	16.6	722,856	23.7	1,030,664	23.7	1,030,664	23.7	1,030,664	23.7	1,030,664	23.7	1,030,664
Paint Branch	021402050826	0	0	24.7	1,077,300	29.2	1,270,058	29.2	1,270,058	29.2	1,270,058	29.2	1,270,058	29.2	1,270,058
Little Paint Branch	021402050825	0	0	8.4	364,474	10.1	439,088	10.1	439,088	10.1	439,088	10.1	439,088	10.1	439,088
Northeast Branch	021402050822	0	0	64.8	2,823,465	86.3	3,758,473	86.3	3,758,473	86.3	3,758,473	86.3	3,758,473	86.3	3,758,473
Upper Beaverdam Creek	021402050816	0	0	45.7	1,992,463	51.0	2,219,977	51.0	2,219,977	51.0	2,219,977	51.0	2,219,977	51.0	2,219,977
Upper Southwest Branch	021311030924	0	0	22.2	967,846	33.1	1,443,606	33.1	1,443,606	33.1	1,443,606	33.1	1,443,606	33.1	1,443,606
Lower Southwest Branch	021311030922	0	0	15.0	653,087	18.4	800,512	18.4	800,512	18.4	800,512	18.4	800,512	18.4	800,512
Upper Henson Creek	021402010797	0	0	35.3	1,539,708	47.0	2,045,481	47.0	2,045,481	47.0	2,045,481	47.0	2,045,481	47.0	2,045,481
Muddy Branch	021402020848	0	0	13.4	582,659	14.5	632,307	14.5	632,307	19.1	830,422	14.9	650,486	18.3	796,919
Watts Branch	021402020846	0	0	1.1	47,398	2.9	127,328	2.9	127,328	7.6	331,873	2.4	102,407	5.4	233,242
Bald Hill Branch	021311030928	0	0	0.9	38,634	1.0	42,208	1.0	42,208	1.0	42,208	1.0	42,208	1.0	42,208
Beaverdam Creek	021402050823	0	0	0.0	2,007	0.0	2,007	0.0	2,007	0.0	2,007	0.0	2,007	0.0	2,007
Virginia: Nichols Run - Potomac River	20700081005	0	0	12.9	562,791	14.5	631,590	14.5	631,590	14.5	631,590	14.5	631,590	14.5	631,590