

TYPE AND QUANTITY OF DREDGED OR FILL MATERIAL

Approximately 3,490 linear feet of jurisdictional stream will incur primary impacts. Additionally five existing impoundments will incur primary impacts, totaling approximately 0.159 acres. For this analysis only primary impacts (coal removal, permanent ponds, permanent road crossings, etc.) to streams were calculated. These are the only impacts related to the project that both require that the resource be dredged or filled and where the amount of material can be accurately estimated.

Resource Name	Primary Impact Length (ft.)	Stationing	Impact Area (ac.)	Cubic Yards of Fill
Jurisdictional INTERMITTENT Streams				
Stream 3	293	3+50 to 3+80 2+20 to 4+83	0.0100	16.278
Stream 4	479	0+43 to 2+12 2+12 to 3+70 3+70 to 5+22	0.016	26.611
Stream 5	225	2+41 to 4+66	0.008	12.500
Stream 6	322	3+80 to 4+00 4+00 to 7+2	0.030	47.704
Stream 7	45	3+20 to 3+30 3+30 to 3+65	0.002	2.500
Stream 16	1,696	0+77 to 9+63 9+63 to 17+73	0.078	125.630
Stream 17	110	2+55 to 3+5 3+05 to 3+65	0.004	6.111
Stream 18	162	2+00 to 2+40 2+40 to 3+62	0.006	9.000
Total Primary Impacts to Intermittent Streams	3,332		0.1540	246.334
JURISDICTIONAL EPHEMERAL STREAMS				
Stream 5	158	0+00 to 1+58	0.005	8.778
Total Primary Impacts to Ephemeral Streams	158		0.005	8.778
EXISTING WATER IMPOUNDMENTS				
EWI-1			0.15	242.000
EWI-2			0.18	290.400
EWI-3			0.24	387.200
EWI-4			0.18	290.400
EWI-5			0.75	1210.000
Total Primary Impacts to Existing Water Impoundments				2420.000
TOTAL IMPACTS	3,490		0.159	2675.112

The proposed impacts associated with the preferred alternative and the minimal degradation alternative, exceed the thresholds for any applicable Nationwide Permit. Therefore the project is intended to proceed as an individual permit application.

Material which would be discharged to surface waters includes small, medium, and large coarse clean fill material. These materials are further described in drilling reports (Part 2, Drilling Report - Surface) located in the ODNR Integrated Mining Permit Application. Following the grading of overburden, stockpiled topsoil will be redistributed over the entire site.