

APPENDIX I: Summary of Stream Impacts

Table I-1. A list of all flow loss impacts to streams that occurred during the 5th assessment period.

Mine	Panel	Stream	Flow Loss Length (ft)
Bailey	3L	Trib 32620 to North Fork Dunkard Fork	1259
Bailey	2L	Trib 32620 to North Fork Dunkard Fork	1129
Bailey	4L	Trib 32618 to North Fork Dunkard Fork	895
Bailey	3L	Trib 32618 to North Fork Dunkard Fork	1972
Bailey	2L	Trib 32618 to North Fork Dunkard Fork	1158
Bailey	1L	Trib 32618 to North Fork Dunkard Fork	610
Bailey	4L	Whitethorn Run	911
Bailey	1L	Whitethorn Run	2176
Bailey	2L	Whitethorn Run	441
Bailey	3L	Whitethorn Run	1926
Bailey	4L	Trib 32605 to North Fork Dunkard Fork	1573
Bailey	5L	Trib 32605 to North Fork Dunkard Fork	561
Bailey	1L	Polen Run	43
Bailey	3L	Polen Run	66
Bailey	4L	Polen Run	479
Bailey	2L	Polen Run	40
Bailey	2L	Kent Run	572
Bailey	2L	Trib 32554 to Hewitt Run	1885
Bailey	2L	Trib 32545 to Barneys Run	718
Bailey	5L	UNT to North Fork Dunkard Fork	1155
Bailey	2L	UNT to Kent Run	452
Bailey	2L	UNT to Polen Run	1406
Bailey	2L	UNT to Polen Run	820
Bailey	4L	UNT to North Fork Dunkard Fork	1128
Bailey	2L	UNT to 32620	559
Bailey	5L	UNT to North Fork Dunkard Fork	1492
Bailey	3L	UNT to Polen Run	597
Bailey	3L	UNT to 32618	503
Bailey	5L	UNT to North Fork Dunkard Fork	783
Cumberland	LW-62	Pursley Creek	2631
Cumberland	LW-63	Trib 41741 to Tustin Run	718
Cumberland	LW-64	Trib 41741 to Tustin Run	1695
Cumberland	LW-66	Trib 41736 to Bells Run	1488
Cumberland	LW-66	Trib 41735 to Bells Run	976
Cumberland	LW-63	Trib 41740 to Tustin Run	215
Cumberland	LW-64	Bells Run	1905
Cumberland	LW-65	Bells Run	1433
Cumberland	LW-63	Bells Run	273

Mine	Panel	Stream	Flow Loss Length (ft)
Cumberland	LW-68	Trib 41639 to Roberts Run	1454
Cumberland	LW-67	Trib 41639 to Roberts Run	864
Cumberland	LW-68	Trib 41639 to Roberts Run	312
Cumberland	LW-67	Roberts Run	366
Cumberland	LW-63	Tustin Run	408
Cumberland	LW-67	Trib 41638 to Roberts Run	120
Cumberland	LW-67	Trib 41638 to Roberts Run	70
Cumberland	LW-62	UNT to 40615	1918
Cumberland	LW-65	UNT to 41741	1252
Cumberland	LW-64/65	UNT to Bells Run	1821
Cumberland	LW-68	UNT to 41639	665
Emerald	LW-D1	Trib 40449 to South Fork Tenmile Creek	935
Emerald	LW-D1	Trib 40447 to South Fork Tenmile Creek	614
Emerald	LW-D2	Trib 40448 to South Fork Tenmile Creek	1403
Emerald	LW-D1	Trib 40448 to South Fork Tenmile Creek	1541
Emerald	LW-D2	Jackson Run	665
Enlow Fork	E-29	Trib 40959 to Tenmile Creek	117
Enlow Fork	E-27	Trib 40955 to Tenmile Creek	1010
Enlow Fork	E-27	Trib 40955 to Tenmile Creek	200
Enlow Fork	E-27	Trib 40954 to Tenmile Creek	720
Enlow Fork	E-26	Trib 40953 to Tenmile Creek	1996
Enlow Fork	E-25	Trib 40952 to Tenmile Creek	1888
Enlow Fork	E-25	Trib 40948 to Tenmile Creek	547
Enlow Fork	E-25	Trib 40948 to Tenmile Creek	688
Enlow Fork	E-26	Trib 40947 to Tenmile Creek	1113
Enlow Fork	E-25	Trib 40947 to Tenmile Creek	884
Enlow Fork	E-27	Trib 40936 to Tenmile Creek	185
Enlow Fork	E-25	Tenmile Creek	9
Enlow Fork	E-25	Tenmile Creek	4
Enlow Fork	E-25	Tenmile Creek	43
Enlow Fork	F-23	Trib 32997 to Buffalo Creek	625
Enlow Fork	F-27	Trib 32994 to Buffalo Creek	360
Enlow Fork	F-25	Trib 32992 to Buffalo Creek	283
Enlow Fork	F-26	Trib 32990 to Buffalo Creek	16
Enlow Fork	F-23	Trib 32987 to Sawhill Run	792
Enlow Fork	F-23	Trib 32987 to Sawhill Run	275
Enlow Fork	F-22	Trib 32987 to Sawhill Run	175
Enlow Fork	F-23	Trib 32987 to Sawhill Run	112
Enlow Fork	F-25	Trib 32986 to Sawhill Run	365
Enlow Fork	F-24	Trib 32986 to Sawhill Run	993

Mine	Panel	Stream	Flow Loss Length (ft)
Enlow Fork	F-26	Trib 32985 to Sawhill Run	458
Enlow Fork	F-26	Trib 32984 to Sawhill Run	1091
Enlow Fork	F-25	Trib 32984 to Sawhill Run	2932
Enlow Fork	F-27	Trib 32983 to Sawhill Run	612
Enlow Fork	F-26	Trib 32983 to Sawhill Run	294
Enlow Fork	F-26	Trib 32983 to Sawhill Run	187
Enlow Fork	F-28	Trib 32981 to Buffalo Creek	695
Enlow Fork	F-28	Trib 32980 to Buffalo Creek	168
Enlow Fork	F-28	Trib 32979 to Buffalo Creek	402
Enlow Fork	F-28	Trib 32979 to Buffalo Creek	120
Enlow Fork	E-24	UNT to Tenmile Creek	504
Enlow Fork	E-24	UNT to Tenmile Creek	604
Enlow Fork	E-24	UNT to Tenmile Creek	1651
Enlow Fork	F-23	UNT to 32991	423
Enlow Fork	F-23	UNT to 32996	294
Enlow Fork	F-23	UNT to 32996	621
Enlow Fork	F-24	UNT to 32991	1822
Enlow Fork	F-24	UNT to 32991	575
Enlow Fork	F-26	UNT to 32994	1005
Enlow Fork	F-23	UNT to Sawhill Run	1419
Enlow Fork	F-23	UNT to Sawhill Run	512
Enlow Fork	F-24	UNT to Sawhill Run	1250
Enlow Fork	F-24	UNT to Sawhill Run	303
Enlow Fork	F-27	UNT to Sawhill Run	390
Enlow Fork	F-28	UNT to Buffalo Creek	520
Enlow Fork	E-29	UNT to 40959	737
Enlow Fork	E-29	UNT to 40956	925
Enlow Fork	E-28	UNT to Tenmile Creek	329
Enlow Fork	E-28	UNT to Tenmile Creek	797
Enlow Fork	E-27	UNT to 40955	393
Enlow Fork	E-25	UNT to Tenmile Creek	679
Enlow Fork	E-25	UNT to Tenmile Creek	577
Enlow Fork	E-25	UNT to 40957	871
Enlow Fork	E-27	UNT to 40936	1179
Enlow Fork	E-27	UNT to 40955	414
Enlow Fork	E-27	UNT to 40955	188
Enlow Fork	F-24	UNT to Buffalo Creek	1293
Enlow Fork	F-25	UNT to Buffalo Creek	1126
Enlow Fork	F-24	UNT to Buffalo Creek	2270
Enlow Fork	F-27	UNT to Buffalo Creek	228

Mine	Panel	Stream	Flow Loss Length (ft)
Enlow Fork	F-27	UNT to Buffalo Creek	1163
Enlow Fork	F-27	UNT to 32994	1003
Enlow Fork	E-27	UNT to 32993	386
Enlow Fork	E-27	UNT to 40954	724
Enlow Fork	E-26	UNT to 40953	617
Enlow Fork	E-27	UNT to Tenmile Creek	1269
Enlow Fork	E-26	UNT to Tenmile Creek	1098
Enlow Fork	F-26	UNT to Sawhill Run	338
Enlow Fork	F-23	UNT to 32996	335
Enlow Fork	E-26	UNT to 32993	297
Enlow Fork	E-25	UNT to 40957	629
Enlow Fork	F-25	UNT to Buffalo Creek	424
Enlow Fork	--	--	--*
Harvey	4-A	Trib 40574 to Browns Creek	2449
Harvey	2-A	Trib 40567 to Browns Creek	2063
Harvey	3-A	Trib 40566 to Browns Creek	27
Harvey	2-A	Trib 40565 to Browns Creek	5193
Harvey	2-A	Trib 40565 to Browns Creek	133
Harvey	1-A	Trib 40562 to Patterson Creek	1379
Harvey	3-A	Trib 40561 to Patterson Creek	1662
Harvey	2-A	Trib 40561 to Patterson Creek	425
Harvey	1-A	Trib 40552 to Patterson Creek	1264
Harvey	2-A	Patterson Creek	2057
Harvey	2-A	UNT to Patterson Creek	52
Harvey	1-A	UNT to Patterson Creek	444
Harvey	3-A	Patterson Creek	627
Monongalia Co.	20-W	Trib 41823 to Blockhouse Run	1503
Monongalia Co.	13-W	Roberts Run	441
Monongalia Co.	12-W	Trib 41814 to Roberts Run	682
Monongalia Co.	12-W	Roberts Run	524
Monongalia Co.	20-W	Trib 41826 to Blockhouse Run	388
Monongalia Co.	19-W	Trib 41823 to Blockhouse Run	617
Monongalia Co.	20-W	Trib 41834 to toms Run	216
Monongalia Co.	19-W	UNT to 41834	243
Monongalia Co.	20-W	UNT to 41834	1314

*Exact length and location of flow loss was not recorded

Table I-2. A list of all pooling impacts to streams that occurred during the 5th assessment period.

Mine	Panel	Stream Name	Length of Pooling Impact (ft)	Gate Cut Required?
Bailey	2L	Polen Run	72	no
Bailey	1L	Whitethorn Run	60	no
Bailey	5L	North Fork Dunkard Fork	692	yes
Bailey	2L	Whitethorn Run	308	yes
Bailey	5L	North Fork Dunkard Fork	448	yes
Cumberland	LW-66	Bells Run	258	no
Cumberland	LW-65	Tustin Run	130	no
Cumberland	LW-65	Bells Run	286	no
Cumberland	LW-67	Roberts Run	1642	yes
Cumberland	LW-68	Roberts Run	1198	yes
Cumberland	LW-67	Trib 41639 to Roberts Run	265	yes
Cumberland	LW-66	Trib 41740 to Tustin Run	141	yes
Cumberland	LW-66	Tustin Run	169	yes
Cumberland	LW-65	Trib 41740 to Tustin Run	257	no data
Emerald	LW-D1	Trib 40449 to South Fork Tenmile Creek	130	no
Emerald	LW-D2	Trib 40448 to South Fork Tenmile Creek	83	no
Emerald	LW-D2	Jackson Run	410	yes
Emerald	LW-D1	Jackson Run	288	yes
Enlow Fork	F-25	Buffalo Creek	559	yes*
Enlow Fork	E-26	Tenmile Creek	226	yes
Enlow Fork	E-27	Tenmile Creek	574	yes
Enlow Fork	E-28	Tenmile Creek	676	yes
Enlow Fork	E-29	Tenmile Creek	485	yes
Enlow Fork	F-26	Buffalo Creek	713	yes
Enlow Fork	F-27	Buffalo Creek	769	yes
Enlow Fork	F-28	Buffalo Creek	1253	yes
Enlow Fork	E-25	Tenmile Creek	1448	yes
Enlow Fork	F-23/24	Buffalo Creek	664	yes
Enlow Fork	F-24	Buffalo Creek	624	yes
Harvey	2-A	Trib 40561 to Patterson Creek	104	no

*As of August 2018, no property access for mitigation