

APPENDIX K
WVDEP Mining National Pollutant
Discharge Elimination System
(NPDES) Permits

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976	20 OUTLETS (MINING PERMIT R070700)	11/3/1983	11/7/2023	38.27	-80.68
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.276111	-80.695277
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.274166	-80.689722
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.269166	-80.681111
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.260833	-80.682222
Nicholas	50500050502	Outlet Hominy Creek	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.265277	-80.733611
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.27	-80.68
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.255277	-80.684166
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.265	-80.683888
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.27	-80.68
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.270555	-80.683333
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.27	-80.68
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.255277	-80.686111
Nicholas	50500050804	Panther Creek-Gauley River	PREP. PLANT, & ASSOC. AREA	QUINWOOD COAL COMPANY LLC	WV0002976		11/3/1983	11/7/2023	38.266944	-80.683055
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984		19 INSPECTABLE UNITS (MINING PERMIT P064200)	10/5/1983	11/7/2023	38.258333
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.2425	-80.695833
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.258333	-80.661944
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.263611	-80.6625
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.2425	-80.696111
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.255833	-80.663055
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.251944	-80.663888
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.2525	-80.663055
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.254722	-80.651388
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.251111	-80.663333
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.259444	-80.661666
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.254166	-80.652222
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.259166	-80.653888
Nicholas	50500050804	Panther Creek-Gauley River	No. 4 Plant and Refuse Disposal Area	QUINWOOD COAL COMPANY LLC	WV0002984	10/5/1983		11/7/2023	38.251666	-80.662777
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115	32 INSPECTABLE UNITS (MINING PERMITS 0004382; R067900; S002485; S010072)		1/15/1979	5/15/2022	38.409722
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.4025	-80.677222
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.404166	-80.690833
Nicholas	50500070401	Upper Birch River	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.425277	-80.711388
Nicholas	50500070401	Upper Birch River	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.434166	-80.690833
Nicholas	50500070401	Upper Birch River	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.444166	-80.683333
Nicholas	50500070401	Upper Birch River	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.433333	-80.703055
Nicholas	50500070401	Upper Birch River	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.433888	-80.701944
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.403888	-80.680277
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.405	-80.690277
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.405833	-80.681111
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.405833	-80.680833
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.407777	-80.6825
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.406666	-80.682222
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.409444	-80.681666
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.402777	-80.678333
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.398333	-80.678611
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.408055	-80.683055
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.4075	-80.683055
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.410833	-80.6875
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.421388	-80.675
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.441944	-80.64
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.440277	-80.643055
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.438333	-80.647222
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.419444	-80.678888
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.416111	-80.678611
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.415555	-80.671666
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.424722	-80.686944
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.434166	-80.655833
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.440277	-80.635277
Nicholas	50500050801	Big Beaver Creek	TIOGA PLANT COMPLEX	GAULEY EAGLE HOLDINGS, INC.	WV0032115		1/15/1979	5/15/2022	38.4475	-80.634722
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318			6/26/1987	2/25/2024	38.571388
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318	6/26/1987		2/25/2024	38.573611	-80.593333

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Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318	41 INSPECTABLE UNITS (REFER TO MINING PERMIT H047100 FOR ACREAGES; D004781; I048200; P052600; R062000; U035900)	6/26/1987	2/25/2024	38.588333	-80.585833	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.591111	-80.586111	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.590833	-80.586388	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.589444	-80.585277	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.590277	-80.620833	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.5925	-80.618888	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.573611	-80.593333	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.573055	-80.594722	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.591111	-80.586111	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.571388	-80.595277	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Mine Nos. 1 and 14, Refuse Areas 1A, 1B and 1C, Prep Plant No.2, Lick Cr.Loadout & Wolf Cr. Haulroad	BROOKS RUN MINING COMPANY, LLC	WV0050318		6/26/1987	2/25/2024	38.588333	-80.585833	
Braxton/ Webster	50500070401	Upper Birch River	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857		37 INSPECTABLE UNITS (REFER TO MINING PERMITS H052900; P061200 FOR ACREAGES; 0802-04-101; H056200; U200611; U201208; WV0050911)	11/12/1985	11/9/2025	38.511944	-80.6275
Braxton/ Webster	50500070401	Upper Birch River	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857			11/12/1985	11/9/2025	38.510555	-80.63
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.513888	-80.605277	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.518055	-80.6125	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.516388	-80.613888	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.518611	-80.613611	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.516944	-80.611111	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.517222	-80.613611	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.514722	-80.605833	
Braxton/ Webster	50500070401	Upper Birch River	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.511111	-80.629166	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.517222	-80.6125	
Braxton/ Webster	50500070401	Upper Birch River	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.510555	-80.63	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.518055	-80.6125	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.518055	-80.6125	
Braxton/ Webster	50500070202	Outlet Laurel Creek	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.513888	-80.605277	
Braxton/ Webster	50500070401	Upper Birch River	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.511944	-80.6275	
Braxton/ Webster	50500070401	Upper Birch River	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985		11/9/2025	38.491111	-80.627777	
Braxton/ Webster	50500070401	Upper Birch River	(P-612) Prep Plant No.1, (H-529) 3B/5B HR and (H-562) 8A HR U201208 Jackson Bridge (U200611) JB EXT	BROOKS RUN MINING COMPANY, LLC	WV0050857	11/12/1985	11/9/2025	38.474166	-80.6275		
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845	6/26/1987	3/27/2024	38.570277	-80.595555		
Braxton/ Webster	50500070602	Upper Sutton Lake-Elk River	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845	6/26/1987	3/27/2024	38.612222	-80.563611		

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Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845	33 INSPECTABLE UNITS (MINING PERMITS R072800; WV0051845)	6/26/1987	3/27/2024	38.583611	-80.587222	
Braxton/ Webster	50500070602	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.612222	-80.556388	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.591111	-80.588888	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.590555	-80.588055	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.582777	-80.590555	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.581944	-80.573055	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.580555	-80.589722	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.582777	-80.586944	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.573055	-80.594722	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.574722	-80.59	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.571388	-80.595277	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.573333	-80.593888	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.579722	-80.585833	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.585	-80.584722	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.575277	-80.588888	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.613333	-80.566111	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.611666	-80.566388	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.575277	-80.588888	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.571388	-80.595277	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.579722	-80.585833	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.585	-80.584722	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.573333	-80.593888	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.613333	-80.566111	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.611666	-80.566388	
Braxton/ Webster	50500070202	Outlet Laurel Creek	Prestonia Refuse Disposal Area, Prestonia Preparation Plant, Prestonia Haulroad & Centralia Loadout	JULIANA MINING COMPANY LLC	WV0051845		6/26/1987	3/27/2024	38.569722	-80.595555	
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		27 INSPECTABLE UNITS	3/2/1982	8/6/2023	38.098055	-80.699444
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094			3/2/1982	8/6/2023	38.097777	-80.683888
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094			3/2/1982	8/6/2023	38.099722	-80.685
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094			3/2/1982	8/6/2023	38.110277	-80.681388
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094			3/2/1982	8/6/2023	38.099444	-80.686111
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094			3/2/1982	8/6/2023	38.1075	-80.683888
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094			3/2/1982	8/6/2023	38.1075	-80.682222
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094			3/2/1982	8/6/2023	38.107777	-80.6825
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094	3/2/1982		8/6/2023	38.108055	-80.680555	
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094	3/2/1982		8/6/2023	38.100555	-80.694444	
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094	3/2/1982		8/6/2023	38.100277	-80.696666	
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094	3/2/1982		8/6/2023	38.104444	-80.693333	
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094	3/2/1982		8/6/2023	38.125277	-80.672777	

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094	(REFER TO MINING PERMIT 0015583 FOR ACREAGES)	3/2/1982	8/6/2023	38.168888	-80.704722
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.167222	-80.710833
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.127222	-80.675
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.128333	-80.675833
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.128333	-80.675833
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.130555	-80.697222
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.11	-80.694444
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.099166	-80.683055
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.125	-80.683055
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.124722	-80.683888
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.123888	-80.686388
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.098888	-80.697222
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.099722	-80.688888
Nicholas	50500050501	Headwaters Hominy Creek	Quinwood Prep Plant	QUINWOOD COAL COMPANY LLC	WV0052094		3/2/1982	8/6/2023	38.099166	-80.695277
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097		20 INSPECTABLE UNITS (REFER TO MINING PERMIT 0001083 FOR ACREAGES)	7/31/1984	7/24/2023	38.099722
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.116111	-80.719444
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.099166	-80.695277
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.098888	-80.6975
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.104166	-80.701944
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.101388	-80.695833
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.103888	-80.701944
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.104166	-80.702222
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.101944	-80.695555
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.105833	-80.696111
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.109722	-80.695555
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.098888	-80.697222
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.097777	-80.7
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.105	-80.704722
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.098888	-80.695277
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.104444	-80.703055
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.105	-80.703333
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.113611	-80.691666
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.104166	-80.702222
Nicholas/ Greenbrier	50500050501	Headwaters Hominy Creek	Blue Branch Refuse Area	QUINWOOD COAL COMPANY LLC	WV0060097	7/31/1984		7/24/2023	38.104166	-80.7025
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.501944	-80.655833
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.483611	-80.629444
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.484166	-80.630833
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.478055	-80.634166

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTABLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194	13 INSPECTABLE UNITS (REFER TO MINING PERMITS O200301; O200787 FOR ACREAGES; 0802-04-101; D011082; U200401)	10/16/1987	1/22/2023	38.480277	-80.629444
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.470555	-80.643055
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.476111	-80.638333
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.478333	-80.632222
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.491111	-80.627777
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.474166	-80.6275
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.480555	-80.629444
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.470555	-80.643333
Webster	50500070401	Upper Birch River	Thomas Mtn. Deep Mine, Thomas Mtn. Haulroad, Birch River Haulroad and Mercer Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0060194		10/16/1987	1/22/2023	38.499444	-80.653055
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150	19 INSPECTABLE UNITS (REFER TO MINING PERMIT O008683 FOR PERMIT ACREAGES)	3/13/1985	2/8/2026	38.035833	-80.735
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.044166	-80.735
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.045833	-80.736111
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.042777	-80.734722
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.038888	-80.734722
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.040555	-80.735833
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.04	-80.736388
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.047777	-80.737777
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.057777	-80.704166
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.038888	-80.731388
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.033333	-80.733611
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.057777	-80.704166
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.053888	-80.7125
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.038888	-80.731388
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.053611	-80.709166
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.033888	-80.732777
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.053888	-80.7125
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.039444	-80.731666
Greenbrier	50500050606	Meadow Creek-Meadow River	PREP PLANT # 1	QUINWOOD COAL COMPANY LLC	WV0066150		3/13/1985	2/8/2026	38.033333	-80.733611
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306	24 INSPECTABLE UNITS (MINING PERMITS S007185; U201689; WV0058513)	7/10/1985	11/13/2023	38.54	-80.586666
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.54	-80.586666
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.558611	-80.597777
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.559166	-80.597222
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.564444	-80.595555
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.553888	-80.6
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.543611	-80.587777
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.544166	-80.588611
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.541666	-80.588888
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.549166	-80.595277
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.551666	-80.597222
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.553055	-80.598055
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.554722	-80.6

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WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.571388	-80.595277
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.549166	-80.594166
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.539444	-80.588055
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.551388	-80.596944
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.555833	-80.600277
Webster/ Wetzel	50500070202	Outlet Laurel Creek	Brooks Creek Surface Mine and Mine 16 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV0068306		7/10/1985	11/13/2023	38.560277	-80.598333
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	76 INSPECTABLE UNITS (REFER TO MINING PERMITS U010483; U102592 FOR ACREAGES; 1363-12-033; WV0050598)	1/31/1986	2/4/2025	39.433055	-80.433611
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.430277	-80.434166
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.406666	-80.3825
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.402777	-80.380555
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.404444	-80.381388
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.505833	-80.482222
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.506111	-80.478333
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.501944	-80.483333
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.476388	-80.501111
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.393055	-80.396388
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.403888	-80.381111
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.476388	-80.501111
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.475833	-80.500277
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.473888	-80.5125
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.470277	-80.521944
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.47	-80.520277
Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.475	-80.510555
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.403888	-80.395277
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.383888	-80.367222
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.399444	-80.378055
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.385833	-80.374166
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.395	-80.397777
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.402222	-80.395277
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.385555	-80.373333
Wetzel/ Harrison	50200020504	Outlet Tenmile Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.394166	-80.3975	

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Wetzel/ Harrison	50302010201	Headwaters South Fork Fishing Creek	Robinson Run Mine No.95/ Nolan Run Slurry Impoundment	HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.477777	-80.500277
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889	51 INSPECTABLE UNITS (REFER TO MINING PERMIT S201988 FOR ACREAGES)	10/5/1988	10/23/2025	38.433333	-80.613055
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.4425	-80.619722
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.440555	-80.639166
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.4425	-80.638888
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.4375	-80.644722
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.435277	-80.653055
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.433333	-80.657777
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.427777	-80.663333
Webster/ Nicholas	50500070401	Upper Birch River	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.418888	-80.603055
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.422777	-80.624166
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.429166	-80.6225
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.430555	-80.626666
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.426666	-80.641111
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.424722	-80.663333
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.436666	-80.644166
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.436388	-80.629722
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.423888	-80.618055
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.432777	-80.623888
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.43	-80.622222
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.427777	-80.6125
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.433611	-80.651111
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.4325	-80.657777
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.428888	-80.659722
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.429166	-80.653055
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.431388	-80.637222
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.421666	-80.615555
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889	10/5/1988	10/23/2025	38.440833	-80.620833	
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889	10/5/1988	10/23/2025	38.433333	-80.615277	
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889	10/5/1988	10/23/2025	38.436388	-80.615833	
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889	10/5/1988	10/23/2025	38.439166	-80.616666	

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COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.439722	-80.624166
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.439166	-80.628611
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.441388	-80.618888
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.424722	-80.621666
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.426388	-80.620833
Webster/ Nicholas	50500070401	Upper Birch River	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.419722	-80.6125
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.4275	-80.619444
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.428888	-80.620277
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.431944	-80.622222
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.435	-80.629722
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.433055	-80.631944
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.434722	-80.633055
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.436666	-80.633333
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.437777	-80.634444
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.439722	-80.638055
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.439722	-80.641944
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.437222	-80.644166
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.436388	-80.647777
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.419444	-80.619722
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.432777	-80.626111
Webster/ Nicholas	50500050801	Big Beaver Creek	Evergreen Mining Company Knight-Ink #1 Surface Mine	ICG EASTERN, LLC	WV0094889		10/5/1988	10/23/2025	38.435	-80.651666
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.439722	-80.576944
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.453611	-80.576944
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.457222	-80.580277
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.4675	-80.594166
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.466666	-80.606944
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.466666	-80.611388
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.415833	-80.608333
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.421388	-80.589444
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.435833	-80.580555
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.44	-80.621388
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.430833	-80.583888
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.450833	-80.578055

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Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.421944	-80.608611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.425555	-80.606388
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.426944	-80.610833
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.428888	-80.610833
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.423055	-80.599444
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.428888	-80.603611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.427222	-80.6
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.429166	-80.598611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.431388	-80.590555
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.434444	-80.597777
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.433611	-80.612777
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.440277	-80.598611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.438333	-80.592777
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.439166	-80.588888
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.438333	-80.584444
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.443611	-80.618055
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.432222	-80.584722
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.442222	-80.595833
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.443333	-80.598611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.442777	-80.584444
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.445277	-80.580833
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.446944	-80.602222
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.447222	-80.598888
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.457777	-80.58
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.45	-80.578611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.4475	-80.584722
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.433333	-80.585
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.4525	-80.584444
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.453888	-80.586944
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.457777	-80.579722
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	102 INSPECTABLE UNITS (REFER TO MINING PERMITS	8/1/1986	10/1/2023	38.458888	-80.586666
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	H020300;	8/1/1986	10/1/2023	38.459722	-80.586111
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	O201010;	8/1/1986	10/1/2023	38.459444	-80.591388
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	S003576;	8/1/1986	10/1/2023	38.4625	-80.591944
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	S023576;	8/1/1986	10/1/2023	38.46	-80.597777
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	S023876;	8/1/1986	10/1/2023	38.463611	-80.600555
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	S024076;	8/1/1986	10/1/2023	38.460277	-80.603611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	S201492	8/1/1986	10/1/2023	38.461944	-80.609722
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	FOR ACREAGES; WV1017560)	8/1/1986	10/1/2023	38.459444	-80.608888
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.456944	-80.604444
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.450277	-80.61
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.429166	-80.591111
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.431388	-80.591666
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.429166	-80.592222
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.431944	-80.5925
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.428888	-80.593611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.432222	-80.594722
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.429444	-80.596111
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.428333	-80.591388
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.428333	-80.59
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.427222	-80.590833
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.419444	-80.598611
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.431111	-80.583888
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.438055	-80.614444
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.441111	-80.616111
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.421388	-80.589444
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.428055	-80.583055
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.435833	-80.580555
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.453611	-80.577222
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.4675	-80.594166
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.466111	-80.6075
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.466666	-80.610833
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.442222	-80.621388

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868	13 INSPECTABLE UNITS (MINING PERMITS H035600; U005985)	8/1/1986	10/1/2023	38.439722	-80.635
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.450277	-80.610833
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.451666	-80.610555
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.423333	-80.604444
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.432222	-80.612222
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.432777	-80.613055
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.454722	-80.612222
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.4425	-80.584722
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.438333	-80.585
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.453333	-80.610833
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.4625	-80.594166
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.439722	-80.5775
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.450833	-80.577222
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.415833	-80.607777
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.454722	-80.612222
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.4225	-80.608888
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.4225	-80.608333
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.463611	-80.595555
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.437222	-80.579444
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.421388	-80.585833
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.423611	-80.597222
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.442222	-80.626388
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.444166	-80.618333
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.447777	-80.634444
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.445	-80.62
Webster	50500070401	Upper Birch River	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.468888	-80.595833
Webster	50500050801	Big Beaver Creek	SURFACE MINE COWEN MINE	ICG EASTERN, LLC	WV0098868		8/1/1986	10/1/2023	38.451666	-80.610833
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268	20 INSPECTABLE UNITS (MINING PERMIT S200487)	1/14/1991	8/16/2026	38.056111	-80.750277
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.065555	-80.771666
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.058888	-80.750555
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.058333	-80.750833
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.058333	-80.748333
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.060277	-80.757777
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.058888	-80.749166
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.059166	-80.755833
Nicholas/ Greenbrier	50500050607	Anglins Creek	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.096111	-80.743611
Nicholas/ Greenbrier	50500050607	Anglins Creek	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.096666	-80.744166
Nicholas/ Greenbrier	50500050607	Anglins Creek	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.097777	-80.739444
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.055555	-80.746666
Nicholas/ Greenbrier	50500050606	Meadow Creek-Meadow River	TIZ # 2 MINE & HAULROAD	QUINWOOD COAL COMPANY LLC	WV1000268		1/14/1991	8/16/2026	38.059166	-80.755277
Braxton/ Webster	50500070202	Outlet Laurel Creek	Little Birch No.1	BROOKS RUN MINING COMPANY, LLC	WV1003470		1/28/1988	8/28/2023	38.537777	-80.598611
Braxton/ Webster	50500070202	Outlet Laurel Creek	Little Birch No.1	BROOKS RUN MINING COMPANY, LLC	WV1003470		1/28/1988	8/28/2023	38.536111	-80.598611
Webster	50500070401	Upper Birch River	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885	1/5/2005	7/26/2022	38.472777	-80.602222	
Webster	50500070401	Upper Birch River	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885	1/5/2005	7/26/2022	38.479166	-80.600833	
Webster	50500070202	Outlet Laurel Creek	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885	1/5/2005	7/26/2022	38.496388	-80.594166	
Webster	50500070201	Headwaters Laurel Creek	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885	1/5/2005	7/26/2022	38.48925	-80.573222	
Webster	50500070401	Upper Birch River	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885	1/5/2005	7/26/2022	38.474722	-80.593888	
Webster	50500070401	Upper Birch River	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885	1/5/2005	7/26/2022	38.472777	-80.598333	

Appendix K
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COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East	
Webster	50500070401	Upper Birch River	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885		1/5/2005	7/26/2022	38.466666	-80.606666	
Webster	50500070201	Headwaters Laurel Creek	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885		1/5/2005	7/26/2022	38.481666	-80.567777	
Webster	50500070401	Upper Birch River	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885		1/5/2005	7/26/2022	38.468611	-80.625833	
Webster	50500070401	Upper Birch River	Seven Pines Mine	BROOKS RUN MINING COMPANY, LLC	WV1009885		1/5/2005	7/26/2022	38.469166	-80.603333	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221	32 INSPECTABLE UNITS (REFER TO MINING PERMIT S102690 FOR ACREAGES)	1/29/1991	3/13/2023	38.503611	-80.628333	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503611	-80.636388	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503055	-80.638055	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503055	-80.641388	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503333	-80.645	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503333	-80.646111	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.501666	-80.643888	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.501111	-80.640277	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.501111	-80.637222	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.5	-80.634444	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.498611	-80.633611	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.4975	-80.632777	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.496388	-80.631944	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.495555	-80.630555	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.494722	-80.629444	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.493888	-80.628333	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.492777	-80.627777	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.504166	-80.629444	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.490277	-80.625833	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.499722	-80.6525	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503888	-80.627222	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.5025	-80.655277	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503055	-80.638055	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503055	-80.641388	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503333	-80.645	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.503333	-80.646111	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.501666	-80.643888	
Webster	50500070401	Upper Birch River	Birch River #7 Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1010221		1/29/1991	3/13/2023	38.501111	-80.640277	
Webster	50500070401	Upper Birch River	May Fork #7 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1010506		6 INSPECTABLE UNITS (REFER TO MINING PERMIT U101991 FOR ACREAGES)	11/13/1991	2/20/2023	38.504444	-80.635833
Webster	50500070401	Upper Birch River	May Fork #7 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1010506			11/13/1991	2/20/2023	38.503888	-80.635555
Webster	50500070401	Upper Birch River	May Fork #7 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1010506			11/13/1991	2/20/2023	38.503888	-80.63
Webster	50500070401	Upper Birch River	May Fork #7 Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1010506			11/13/1991	2/20/2023	38.5025	-80.655277
Webster	50500070401	Upper Birch River	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162	15 INSPECTABLE UNITS (REFER TO MINING PERMITS O103091; O105891 FOR ACREAGES)	9/19/1991	4/2/2023	38.423611	-80.597222	
Webster	50500070401	Upper Birch River	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.435277	-80.563055	
Webster	50500070401	Upper Birch River	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.439722	-80.576944	
Webster	50500070201	Headwaters Laurel Creek	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.433055	-80.554444	
Webster	50500070201	Headwaters Laurel Creek	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.433611	-80.553888	
Webster	50500070201	Headwaters Laurel Creek	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.433611	-80.552222	
Webster	50500070401	Upper Birch River	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.438611	-80.577777	
Webster	50500070401	Upper Birch River	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.437222	-80.579444	
Webster	50500070401	Upper Birch River	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.421388	-80.585833	
Webster	50500070401	Upper Birch River	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.441944	-80.586111	
Webster	50500070201	Headwaters Laurel Creek	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.433333	-80.553611	
Webster	50500070201	Headwaters Laurel Creek	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.435277	-80.551111	
Webster	50500070201	Headwaters Laurel Creek	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.425555	-80.552222	
Webster	50500070201	Headwaters Laurel Creek	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.425555	-80.552222	
Webster	50500070401	Upper Birch River	Coal Loading Facility	BROOKS RUN MINING COMPANY, LLC	WV1011162		9/19/1991	4/2/2023	38.44	-80.5775	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793	22 INSPECTABLE UNITS (REFER TO MINING PERMITS U200493;	9/20/1993	8/21/2023	38.490277	-80.624722	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.494444	-80.630555	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.494722	-80.629444	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.489444	-80.661944	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.493333	-80.654166	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.489444	-80.653055	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.491111	-80.651666	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.504166	-80.6775	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.492222	-80.670833	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.470833	-80.643611	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.498888	-80.6525	
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.501944	-80.655833	

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793	U200593 FOR ACREAGES)	9/20/1993	8/21/2023	38.485	-80.633611
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.489166	-80.641111
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.489444	-80.65
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.488333	-80.646666
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.486944	-80.638888
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.485	-80.638055
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.482777	-80.634444
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.486388	-80.6475
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.493055	-80.628055
Webster	50500070401	Upper Birch River	9A Mine / 9B Mine	BROOKS RUN MINING COMPANY, LLC	WV1013793		9/20/1993	8/21/2023	38.492777	-80.628333
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281	9 INSPECTABLE UNITS (REFER TO MINING PERMITS U300797; U300897 FOR ACREAGES)	6/11/1998	3/1/2023	37.956111	-80.740555
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281		6/11/1998	3/1/2023	37.953333	-80.738888
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281		6/11/1998	3/1/2023	37.952222	-80.738055
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281		6/11/1998	3/1/2023	37.957777	-80.7275
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281		6/11/1998	3/1/2023	37.9575	-80.726944
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281		6/11/1998	3/1/2023	37.953333	-80.738888
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281		6/11/1998	3/1/2023	37.952222	-80.738055
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281		6/11/1998	3/1/2023	37.956111	-80.725555
Greenbrier	50500050604	Sewell Creek	Little Sewell No. 1 and No. 2 Deep Mine	MIDLAND TRAIL RESOURCES, LLC	WV1015281		6/11/1998	3/1/2023	37.956666	-80.723888
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551		9 INSPECTABLE UNITS (REFER TO MINING PERMIT U200202 FOR ACREAGES)	11/6/2003	8/22/2023	39.243888
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551	11/6/2003		8/22/2023	39.2475	-80.483888
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551	11/6/2003		8/22/2023	39.264722	-80.488333
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551	11/6/2003		8/22/2023	39.255833	-80.490833
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551	11/6/2003		8/22/2023	39.250277	-80.488888
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551	11/6/2003		8/22/2023	39.243055	-80.485
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551	11/6/2003		8/22/2023	39.245	-80.515555
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551	11/6/2003		8/22/2023	39.269166	-80.518055
Harrison	50200020502	Headwaters Tenmile Creek	Anker West Virginia Mining Company, Inc.	WOLF RUN MINING LLC	WV1017551	11/6/2003		8/22/2023	39.243611	-80.486666
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560	35 INSPECTABLE UNITS (MINING PERMIT S200302; WV0098868; WV1017560)		2/19/2004	5/15/2024	38.443888
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.441944	-80.634444
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.441944	-80.634722
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.442777	-80.636388
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.445277	-80.634444
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.445833	-80.633611
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.447222	-80.633055
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.448611	-80.633055
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.450833	-80.632222
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.4525	-80.631666
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.454166	-80.630277
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.455277	-80.627222
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.455	-80.626388
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.455	-80.623333
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.455555	-80.620555
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.455555	-80.619444
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.456388	-80.6175
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.4575	-80.615833
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.4575	-80.613333
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.453055	-80.612222
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.443888	-80.618888
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.454444	-80.6125
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.439722	-80.635
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.441111	-80.639166
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.4525	-80.631666
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.454166	-80.630555
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.456388	-80.617777
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.442222	-80.623611
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.444722	-80.618055
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.444722	-80.619722
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.443888	-80.621388
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.442222	-80.626388
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.441666	-80.627777
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.440833	-80.631111
Webster	50500050801	Big Beaver Creek	O'Brien Fork No.1 Surface Mine	ICG EASTERN, LLC	WV1017560		2/19/2004	5/15/2024	38.440833	-80.633333

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624	56 INSPECTABLE UNITS (MINING PERMIT S200603)	1/20/2006	4/23/2024	38.456388	-80.627222
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.4475	-80.638527
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.454166	-80.633888
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.450833	-80.635277
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.448611	-80.636944
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.4475	-80.641944
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.452222	-80.639444
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.456388	-80.634722
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.458055	-80.637777
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.456111	-80.644444
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.454444	-80.6125
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.468888	-80.641944
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.461666	-80.637222
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.441111	-80.639166
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.466666	-80.606666
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.470833	-80.644722
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.444166	-80.651944
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.460555	-80.640555
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.462777	-80.638888
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.4625	-80.636388
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.461944	-80.6325
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.4625	-80.641111
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.4625	-80.627777
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.4625	-80.625833
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.460277	-80.623888
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.459166	-80.623055
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.459722	-80.621666
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.46	-80.619166
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.4625	-80.613888
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.462222	-80.611111
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.457777	-80.616111
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.462777	-80.635
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.455833	-80.621111
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.456111	-80.626111
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.455277	-80.629722
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.454444	-80.631666
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.452777	-80.634722
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.449444	-80.635
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.446111	-80.6375
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.449166	-80.640555
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.450833	-80.639722
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.453611	-80.639444
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.461388	-80.629166
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.455277	-80.636944
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.466666	-80.614444
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.466111	-80.621111
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.461388	-80.617777
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.457777	-80.638611
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.466944	-80.636111
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.467222	-80.625277
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.457222	-80.645277
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.4675	-80.637222
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.461111	-80.624722
Webster	50500070401	Upper Birch River	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.462222	-80.616388
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.458333	-80.613888
Webster	50500050801	Big Beaver Creek	O'BRIEN FORK NO. 2 SURFACE MINE	ICG EASTERN, LLC	WV1017624		1/20/2006	4/23/2024	38.456111	-80.622777
Webster	50500050801	Big Beaver Creek	O'Brien Fork #2A Surface Mine	ICG EASTERN, LLC	WV1017632	3 INSPECTABLE UNITS (MINING PERMITS S200204; WV1017632)	10/29/2004	3/26/2024	38.441111	-80.639166
Webster	50500050801	Big Beaver Creek	O'Brien Fork #2A Surface Mine	ICG EASTERN, LLC	WV1017632		10/29/2004	3/26/2024	38.4575	-80.612777
Webster	50500050801	Big Beaver Creek	O'Brien Fork #2A Surface Mine	ICG EASTERN, LLC	WV1017632		10/29/2004	3/26/2024	38.454444	-80.6125
Webster	50500070202	Outlet Laurel Creek	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.499722	-80.6
Webster	50500070202	Outlet Laurel Creek	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.488055	-80.609166

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Webster	50500070401	Outlet Laurel Creek	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977	13 INSPECTABLE UNITS (MINING PERMITS U201000; U201498; WV1009885)	4/27/1999	8/22/2023	38.479444	-80.585277
Webster	50500070202	Outlet Laurel Creek	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.489444	-80.590277
Webster	50500070202	Outlet Laurel Creek	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.496666	-80.593888
Webster	50500070202	Outlet Laurel Creek	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.496388	-80.593333
Webster	50500070202	Outlet Laurel Creek	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.496944	-80.593333
Webster	50500070202	Outlet Laurel Creek	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.496388	-80.593333
Webster	50500070401	Upper Birch River	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.475555	-80.619166
Webster	50500070401	Upper Birch River	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.474722	-80.598611
Webster	50500070401	Upper Birch River	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.4725	-80.604444
Webster	50500070401	Upper Birch River	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.479444	-80.587777
Webster	50500070401	Upper Birch River	UK NO. 1 & LK NO. 2 DEEP MINES	BROOKS RUN MINING COMPANY, LLC	WV1017977		4/27/1999	8/22/2023	38.468888	-80.6025
Webster	50500070401	Upper Birch River	POPLAR RIDGE DEEP MINE	BROOKS RUN MINING COMPANY, LLC	WV1018108		6/24/2002	3/27/2024	38.470277	-80.645555
Webster	50500070401	Upper Birch River	POPLAR RIDGE DEEP MINE	BROOKS RUN MINING COMPANY, LLC	WV1018108		6/24/2002	3/27/2024	38.466388	-80.656111
Webster	50500070401	Upper Birch River	POPLAR RIDGE DEEP MINE	BROOKS RUN MINING COMPANY, LLC	WV1018108	6/24/2002	3/27/2024	38.460277	-80.657222	
Webster	50500070401	Upper Birch River	POPLAR RIDGE DEEP MINE	BROOKS RUN MINING COMPANY, LLC	WV1018108	6/24/2002	3/27/2024	38.463611	-80.646388	
Webster	50500070401	Upper Birch River	POPLAR RIDGE DEEP MINE	BROOKS RUN MINING COMPANY, LLC	WV1018108	6/24/2002	3/27/2024	38.463333	-80.654722	
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686	20 INSPECTABLE UNITS (MINING PERMITS S300202; S301506; WV1021834)	4/13/2004	1/9/2024	38.42	-80.680555
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.409722	-80.682222
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.401388	-80.678611
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.421666	-80.674444
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.419166	-80.673611
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.418888	-80.673333
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.419166	-80.671388
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.419722	-80.671111
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.421111	-80.672777
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.423611	-80.673055
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.423055	-80.6875
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.419444	-80.677777
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.415277	-80.669166
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.421666	-80.684722
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.423611	-80.683333
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.423055	-80.6825
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.421666	-80.681944
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.400277	-80.671944
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.423888	-80.690277
Nicholas	50500050801	Big Beaver Creek	Laurel No. 1 Mine & Wye Haulroad	RESOURCES LIMITED, LLC	WV1019686		4/13/2004	1/9/2024	38.415277	-80.670833
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Loadout Facility	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021842	7 INSPECTABLE UNITS (REFER TO MINING PERMIT O300605 FOR ACREAGES)	1/20/2006	1/20/2023	38.017777	-80.6575
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Loadout Facility	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021842		1/20/2006	1/20/2023	38.0175	-80.6575
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Loadout Facility	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021842		1/20/2006	1/20/2023	38.016666	-80.656944
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Loadout Facility	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021842		1/20/2006	1/20/2023	38.021111	-80.658055
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Loadout Facility	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021842		1/20/2006	1/20/2023	38.018055	-80.656111
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Loadout Facility	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021842		1/20/2006	1/20/2023	38.015555	-80.658611
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pocahontas Mine	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021851	10 INSPECTABLE UNITS (MINING PERMIT U300705)	1/31/2006	3/23/2026	38.015555	-80.658611
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pocahontas Mine	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021851	1/31/2006	3/23/2026	38.016111	-80.655	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885	14 INSPECTABLE UNITS (REFER TO MINING PERMITS O301005; O301105 FOR ACREAGES)	4/27/2006	6/25/2023	38.016666	-80.656944
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.015555	-80.658611
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.021111	-80.658055
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.034722	-80.650555
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.035555	-80.659166
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.033055	-80.655277
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.03	-80.654444
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.029444	-80.653055
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.027222	-80.652222
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.026388	-80.650833
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.033055	-80.655277
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.018055	-80.656111
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Preparation Plant & Mountaineer Haul Road No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021885		4/27/2006	6/25/2023	38.033055	-80.656944
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.067777	-80.659722
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893	6/14/2006	9/28/2025	38.067777	-80.659722	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893	6/14/2006	9/28/2025	38.064444	-80.658888	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893	6/14/2006	9/28/2025	38.072777	-80.656666	

Appendix K
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COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTABLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893	14 INSPECTABLE UNITS (REFER TO MINING PERMITS O301305; O301205 FOR ACREAGES)	6/14/2006	9/28/2025	38.034166	-80.653055	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.035277	-80.648055	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.035277	-80.648055	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.033055	-80.656944	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.034722	-80.650555	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.036111	-80.654166	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.033888	-80.653888	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.039444	-80.655555	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.031111	-80.658333	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Greenbrier Complex	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021893		6/14/2006	9/28/2025	38.035833	-80.658333	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974	18 INSPECTABLE UNITS (REFER TO MINING PERMITS O302105; O302205; O302305 FOR ACREAGES)	11/17/2006	11/16/2023	38.015555	-80.658611	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.018055	-80.656111	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.033055	-80.656944	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.021111	-80.657777	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.035555	-80.659166	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.025833	-80.656666	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.016666	-80.656944	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.034722	-80.650555	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.033611	-80.646666	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.033333	-80.6475	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.033333	-80.648888	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.031388	-80.650277	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.030277	-80.650555	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.029166	-80.649166	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.028333	-80.646111	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Mountaineer No. 1 Refuse Disposal Facility/ Mountaineer HR No. 2/ Mountaineer HR No. 3 & 3A	GREENBRIER SMOKELESS COAL MINING, LLC	WV1021974		11/17/2006	11/16/2023	38.029166	-80.644166	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237		35 INSPECTABLE UNITS (MINING PERMIT S300507; WV1022237)	7/21/2009	9/13/2026	38.410277	-80.682222
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237			7/21/2009	9/13/2026	38.389722	-80.683333
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.414444	-80.696388	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.4125	-80.700555	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.411944	-80.697777	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.413611	-80.692777	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.408611	-80.696388	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.411944	-80.695	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.408055	-80.698055	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.408055	-80.699722	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.406666	-80.696388	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.404722	-80.693333	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.403611	-80.694722	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.403611	-80.694722	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.410277	-80.689444	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009		9/13/2026	38.408888	-80.692222	
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 1	ICG EASTERN, LLC	WV1022237	7/21/2009	9/13/2026	38.408888	-80.692222		
Nicholas	50500050501	Headwaters Hominy Creek	Grassy Creek No. 2 Deep Mine	QUINWOOD COAL COMPANY LLC	WV1022318	4 INSPECTABLE UNITS (REFER TO MINING PERMIT U301407 FOR ACREAGES)	3/25/2008	5/21/2023	38.163888	-80.714166	
Nicholas	50500050501	Headwaters Hominy Creek	Grassy Creek No. 2 Deep Mine	QUINWOOD COAL COMPANY LLC	WV1022318		3/25/2008	5/21/2023	38.170555	-80.710833	
Nicholas	50500050501	Headwaters Hominy Creek	Grassy Creek No. 2 Deep Mine	QUINWOOD COAL COMPANY LLC	WV1022318		3/25/2008	5/21/2023	38.163888	-80.714166	
Nicholas	50500050501	Headwaters Hominy Creek	Grassy Creek No. 2 Deep Mine	QUINWOOD COAL COMPANY LLC	WV1022318		3/25/2008	5/21/2023	38.161944	-80.713611	

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COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTABLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Nicholas	50500050607	Anglins Creek	Mearns No. 1 Underground	RESERVE RESOURCE PARTNERS, INC.	WV1022431	10 INSPECTABLE UNITS (MINING PERMIT U302707)	11/22/2013	6/1/2022	38.140555	-80.767777
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482	26 INSPECTABLE UNITS (REFER TO MINING PERMIT S303207 FOR ACREAGES)	8/11/2011	6/12/2022	38.391388	-80.696666
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.395833	-80.696111
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.393611	-80.699722
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.3875	-80.698333
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.383888	-80.694444
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.394444	-80.698333
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.398611	-80.696944
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.389722	-80.683333
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.39	-80.684444
Nicholas	50500050801	Big Beaver Creek	Tioga Surface Mine No. 2	ICG EASTERN, LLC	WV1022482		8/11/2011	6/12/2022	38.399444	-80.694166
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661	10 INSPECTABLE UNITS (REFER TO MINING PERMIT U300409 FOR ACREAGES)	1/28/2011	10/5/2026	38.295555	-80.619444
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.296388	-80.618888
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.291111	-80.624722
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.299166	-80.615
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.290277	-80.625555
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.291944	-80.633888
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.29	-80.657222
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.296944	-80.649444
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.296944	-80.618055
Nicholas	50500050804	Panther Creek-Gauley River	Sewell Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1022661		1/28/2011	10/5/2026	38.296666	-80.618888
Webster	50500070201	Headwaters Laurel Creek	Cowen Load-Out Facility	RESERVE RESOURCE PARTNERS, INC.	WV1023322	5 INSPECTABLE UNITS (NO MINING PERMIT REFERENCED)	12/16/2008	4/9/2024	38.426666	-80.554166
Webster	50500070201	Headwaters Laurel Creek	Cowen Load-Out Facility	RESERVE RESOURCE PARTNERS, INC.	WV1023322		12/16/2008	4/9/2024	38.435277	-80.551388
Webster	50500070201	Headwaters Laurel Creek	Cowen Load-Out Facility	RESERVE RESOURCE PARTNERS, INC.	WV1023322		12/16/2008	4/9/2024	38.425555	-80.552222
Webster	50500070201	Headwaters Laurel Creek	Cowen Load-Out Facility	RESERVE RESOURCE PARTNERS, INC.	WV1023322		12/16/2008	4/9/2024	38.430555	-80.555277
Webster	50500070201	Headwaters Laurel Creek	Cowen Load-Out Facility	RESERVE RESOURCE PARTNERS, INC.	WV1023322		12/16/2008	4/9/2024	38.427777	-80.554166
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357	9 INSPECTABLE UNITS (REFER TO MINING PERMIT U200105 FOR ACREAGES; WV1023357; WV1023365)	6/2/2009	2/25/2024	38.491111	-80.651666
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357		6/2/2009	2/25/2024	38.470277	-80.643611
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357		6/2/2009	2/25/2024	38.492222	-80.670833
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357		6/2/2009	2/25/2024	38.501944	-80.655833
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357		6/2/2009	2/25/2024	38.498888	-80.6525
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357		6/2/2009	2/25/2024	38.489444	-80.660555
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357		6/2/2009	2/25/2024	38.493333	-80.654166
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357		6/2/2009	2/25/2024	38.4925	-80.653055
Webster	50500070401	Upper Birch River	Cove Mountain Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023357		6/2/2009	2/25/2024	38.504166	-80.6775
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365		5/27/2009	2/26/2023	38.482777	-80.634444
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.488333	-80.646666	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.486944	-80.639166	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.485	-80.638055	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.504166	-80.6775	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.492222	-80.670833	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.470277	-80.643611	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.501944	-80.655833	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.498888	-80.6525	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.485	-80.633611	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.489166	-80.641111	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.489444	-80.65	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.489444	-80.654444	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.486388	-80.6475	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.489444	-80.649444	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.491111	-80.645555	
Webster	50500070401	Upper Birch River	Brandy Station Mine	BROOKS RUN MINING COMPANY, LLC	WV1023365	5/27/2009	2/26/2023	38.489722	-80.650833	
Webster	50500070202	Outlet Laurel Creek	Sumter Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1023446	8 INSPECTABLE UNITS (REFER TO MINING PERMIT U200609 FOR ACREAGES)	6/13/2013	2/13/2024	38.573055	-80.568611
Webster	50500070202	Outlet Laurel Creek	Sumter Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1023446		6/13/2013	2/13/2024	38.576111	-80.5675
Webster	50500070202	Outlet Laurel Creek	Sumter Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1023446		6/13/2013	2/13/2024	38.570277	-80.573611
Webster	50500070202	Outlet Laurel Creek	Sumter Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1023446		6/13/2013	2/13/2024	38.57	-80.5775
Webster	50500070202	Outlet Laurel Creek	Sumter Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1023446		6/13/2013	2/13/2024	38.568611	-80.574166
Webster	50500070202	Outlet Laurel Creek	Sumter Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1023446		6/13/2013	2/13/2024	38.570277	-80.574722
Webster	50500070202	Outlet Laurel Creek	Sumter Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1023446		6/13/2013	2/13/2024	38.569166	-80.573333
Webster	50500070202	Outlet Laurel Creek	Sumter Deep Mine	BROOKS RUN MINING COMPANY, LLC	WV1023446		6/13/2013	2/13/2024	38.573055	-80.568611
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.394444	-80.468611
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.39	-80.461944

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675	14 INSPECTABLE UNITS (REFER TO MINING PERMIT O200910 FOR ACREAGES; U200410)	11/27/2013	1/15/2024	39.385555	-80.461388	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.385555	-80.461666	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.390833	-80.474722	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.394444	-80.468611	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.394166	-80.465833	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.389722	-80.4625	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.386666	-80.461944	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.383888	-80.463611	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.387222	-80.461944	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.383888	-80.463611	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.385555	-80.460555	
Harrison	50200020503	Little Tenmile Creek	AmericanMountaineer Mine	AMERICANMOUNTAINEER ENERGY, INC.	WV1023675		11/27/2013	1/15/2024	39.394722	-80.468333	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730		22 INSPECTABLE UNITS (REFER TO MINING PERMIT S200610 FOR ACREAGES)	8/9/2013	4/11/2023	38.449444	-80.565
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730			8/9/2013	4/11/2023	38.445833	-80.568611
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.445833	-80.57	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.447777	-80.568333	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.451388	-80.560833	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.453333	-80.560833	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.455	-80.564722	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.453888	-80.568333	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.454166	-80.576944	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.4575	-80.579444	
Webster	50500070201	Headwaters Laurel Creek	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.449444	-80.553611	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.451111	-80.577222	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.440555	-80.576666	
Webster	50500070201	Headwaters Laurel Creek	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.466111	-80.570555	
Webster	50500070201	Headwaters Laurel Creek	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.446388	-80.553333	
Webster	50500070201	Headwaters Laurel Creek	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.451944	-80.557222	
Webster	50500070201	Headwaters Laurel Creek	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.455555	-80.566111	
Webster	50500070201	Headwaters Laurel Creek	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.454722	-80.561944	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.449722	-80.558611	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.448333	-80.563333	
Webster	50500070401	Upper Birch River	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.448055	-80.565	
Webster	50500070201	Headwaters Laurel Creek	82 East Surface Mine	BROOKS RUN MINING COMPANY, LLC	WV1023730	8/9/2013		4/11/2023	38.437777	-80.548611	
Nicholas	50500050801	Big Beaver Creek	Left Fork No. 1 Deep Mine	ICG EASTERN, LLC	WV1024507	6 INSPECTABLE UNITS (REFER TO MINING PERMIT U300310 FOR ACREAGES)	9/21/2010	10/15/2025	38.401111	-80.695	
Nicholas	50500050801	Big Beaver Creek	Left Fork No. 1 Deep Mine	ICG EASTERN, LLC	WV1024507		9/21/2010	10/15/2025	38.401111	-80.695	
Nicholas	50500050801	Big Beaver Creek	Left Fork No. 1 Deep Mine	ICG EASTERN, LLC	WV1024507		9/21/2010	10/15/2025	38.393333	-80.684444	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795	12 INSPECTABLE UNITS (MINING PERMITS S009685; S302887; U304687; WV1024795)	1/9/2012	2/6/2027	38.348055	-80.724444	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.348611	-80.722222	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.350277	-80.722222	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.355555	-80.719444	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.355833	-80.718333	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.356111	-80.717222	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.356388	-80.716388	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.356944	-80.713333	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.3525	-80.721388	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.342222	-80.723055	
Nicholas	50500050801	Big Beaver Creek	Triple A Coals, Incorporated	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1024795		1/9/2012	2/6/2027	38.343055	-80.723055	
Webster	50500070202	Outlet Laurel Creek	BROOKS RUN MINING COMPANY, LLC	BROOKS RUN MINING COMPANY, LLC	WV1025538		5 INSPECTABLE UNITS (REFER TO MINING PERMIT O201810 FOR ACREAGES)	3/14/2014	3/18/2024	38.514444	-80.604722
Webster	50500070202	Outlet Laurel Creek	BROOKS RUN MINING COMPANY, LLC	BROOKS RUN MINING COMPANY, LLC	WV1025538	3/14/2014		3/18/2024	38.519444	-80.614444	
Webster	50500070202	Outlet Laurel Creek	BROOKS RUN MINING COMPANY, LLC	BROOKS RUN MINING COMPANY, LLC	WV1025538	3/14/2014		3/18/2024	38.518333	-80.613333	
Webster	50500070202	Outlet Laurel Creek	BROOKS RUN MINING COMPANY, LLC	BROOKS RUN MINING COMPANY, LLC	WV1025538	3/14/2014		3/18/2024	38.519166	-80.588611	
Webster	50500070202	Outlet Laurel Creek	BROOKS RUN MINING COMPANY, LLC	BROOKS RUN MINING COMPANY, LLC	WV1025538	3/14/2014		3/18/2024	38.514166	-80.599166	
Webster	50500070401	Upper Birch River	Hoover's Landing	BROOKS RUN MINING COMPANY, LLC	WV1025791	7 INSPECTABLE UNITS (REFER TO MINING PERMIT S200912 FOR ACREAGES)	9/9/2014	9/18/2024	38.481944	-80.610277	
Webster	50500070401	Upper Birch River	Hoover's Landing	BROOKS RUN MINING COMPANY, LLC	WV1025791		9/9/2014	9/18/2024	38.48	-80.615555	
Webster	50500070401	Upper Birch River	Hoover's Landing	BROOKS RUN MINING COMPANY, LLC	WV1025791		9/9/2014	9/18/2024	38.483888	-80.615277	
Webster	50500070401	Upper Birch River	Hoover's Landing	BROOKS RUN MINING COMPANY, LLC	WV1025791		9/9/2014	9/18/2024	38.475833	-80.619166	
Webster	50500070401	Upper Birch River	Hoover's Landing	BROOKS RUN MINING COMPANY, LLC	WV1025791		9/9/2014	9/18/2024	38.473611	-80.620555	
Webster	50500070401	Upper Birch River	Hoover's Landing	BROOKS RUN MINING COMPANY, LLC	WV1025791		9/9/2014	9/18/2024	38.475	-80.619166	

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COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Webster	50500070401	Upper Birch River	Hoover's Landing	BROOKS RUN MINING COMPANY, LLC	WV1025791		9/9/2014	9/18/2024	38.475555	-80.618888
Webster	50500070303	Outlet Right Fork Holly River	Solitaire Coal Corp	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1025856	2 INSPECTABLE UNITS (MINING PERMITS S008785; WV1025856)	3/22/2013	11/27/2022	38.592777	-80.438888
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623	28 INSPECTABLE UNITS (REFER TO MINING PERMIT S300212 FOR ACREAGES)	6/19/2013	11/14/2023	38.0175	-80.680277
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.021666	-80.68
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.02	-80.680833
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.018888	-80.681111
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.016944	-80.68
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.033055	-80.676666
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.030277	-80.681388
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.018888	-80.688888
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.021666	-80.686944
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.0275	-80.686666
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.030833	-80.677222
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.028611	-80.688055
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.035277	-80.688055
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.018055	-80.688888
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.028888	-80.685833
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.020833	-80.686666
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.033055	-80.676666
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.030277	-80.681388
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.030277	-80.6775
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.028888	-80.678611
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.027777	-80.681388
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.026944	-80.680555
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.024444	-80.682777
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.023888	-80.679444
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.0225	-80.679166
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.017222	-80.656111
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.019444	-80.668055
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 1 Surface	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1026623		6/19/2013	11/14/2023	38.006111	-80.662222
Greenbrier	50500050605	Big Clear Creek-Meadow River	Royal Scot Minerals	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1026691	3 INSPECTABLE UNITS	9/25/2012	8/20/2022	38.012777	-80.690833
Greenbrier	50500050605	Big Clear Creek-Meadow River	Royal Scot Minerals	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1026691	(MINING PERMITS U004085; U304688)	9/25/2012	8/20/2022	38.013055	-80.689722
Greenbrier	50500050605	Big Clear Creek-Meadow River	Royal Scot Minerals	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1026691		9/25/2012	8/20/2022	38.028333	-80.659166
Greenbrier	50500050801	Big Beaver Creek	Royal Scot Minerals	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1026879	1 INSPECTABLE UNIT (MINING PERMIT S001985)	9/25/2012	8/20/2022	38.385833	-80.691666
Greenbrier	50500050801	Big Beaver Creek	Royal Scot Minerals	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1026895	1 INSPECTABLE UNIT (MINING PERMIT S002082)	9/25/2012	8/20/2022	38.359722	-80.673611
Greenbrier	50200020503	Little Tenmile Creek	Royal Scot Minerals	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1027051	1 INSPECTABLE UNIT (MINING PERMITS U074400; WV1027051)	9/25/2012	8/20/2022	39.376388	-80.428611
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590	13 INSPECTABLE UNITS (REFER TO MINING PERMIT U303712 FOR ACREAGES)	8/1/2016	8/31/2026	38.215277	-80.654722
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.212777	-80.668611
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.203888	-80.646944
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.2075	-80.646111
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.2075	-80.646111
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.209444	-80.65
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.209722	-80.650555
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.210555	-80.651944
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.206111	-80.651666
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.210555	-80.651944
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.211388	-80.654722
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.208888	-80.648611
Nicholas	50500050804	Panther Creek-Gauley River	Panther Deep Mine	QUINWOOD COAL COMPANY LLC	WV1027590		8/1/2016	8/31/2026	38.207222	-80.646666
Nicholas	50500050801	Big Beaver Creek	Dusty Coals, Inc.	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1027719	2 INSPECTABLE UNITS (MINING PERMIT S011985)	8/23/2013	8/23/2023	38.311944	-80.637222
Nicholas	50500050801	Big Beaver Creek	Dusty Coals, Inc.	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1027719		8/23/2013	8/23/2023	38.310833	-80.637222
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964	9 INSPECTABLE UNITS	8/1/2014	4/17/2025	38.045	-80.749722
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964		8/1/2014	4/17/2025	38.045277	-80.751944
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964		8/1/2014	4/17/2025	38.029444	-80.752222
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964		8/1/2014	4/17/2025	38.043611	-80.745555

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964	(REFER TO MINING PERMIT S302013 FOR ACREAGES)	8/1/2014	4/17/2025	38.040277	-80.755277	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964		8/1/2014	4/17/2025	38.046111	-80.750277	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964		8/1/2014	4/17/2025	38.044722	-80.751944	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964		8/1/2014	4/17/2025	38.043888	-80.752222	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #1 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1027964	31 INSPECTABLE UNITS (REFER TO MINING PERMIT S300314 FOR ACREAGES)	8/1/2014	4/17/2025	38.0425	-80.752777	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.055277	-80.645	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.053888	-80.646944	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.049444	-80.648888	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.046666	-80.648333	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.045277	-80.648055	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.040833	-80.649166	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.038333	-80.648888	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.033055	-80.656944	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.053888	-80.656666	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.046111	-80.655555	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.041666	-80.655277	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.029166	-80.658333	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.043055	-80.649166	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.056666	-80.640277	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.051388	-80.647222	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Pollock Knob Surface Mine No. 1	GREENBRIER SMOKELESS COAL MINING, LLC	WV1027981		8/1/2014	8/25/2025	38.050833	-80.648055	
Fayette	50500050604	Sewell Creek	Classic Resources	Classic Resources	WV1028618		1 INSPECTABLE UNIT (MINING PERMIT S005581)	9/17/2014	8/19/2024	37.928333	-80.824166
Fayette	50500050801	Big Beaver Creek	Classic Resources	Classic Resources	WV1028669		2 INSPECTABLE UNITS (MINING PERMITS S011385; U303193)	9/17/2014	8/19/2024	38.338055	-80.698611
Fayette	50500050801	Big Beaver Creek	Classic Resources	Classic Resources	WV1028669			9/17/2014	8/19/2024	38.34	-80.698611
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685	42 INSPECTABLE UNITS (REFER TO MINING PERMIT S301114 FOR ACREAGES)	6/15/2016	9/21/2026	38.045833	-80.772222	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.051944	-80.771666	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.048611	-80.773611	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.045833	-80.769722	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.042222	-80.771111	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.042222	-80.774444	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.043611	-80.778055	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.058333	-80.762777	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.056388	-80.763888	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.06	-80.766111	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.040555	-80.761388	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.061666	-80.768333	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.061944	-80.763333	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.063333	-80.770833	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.061944	-80.772222	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.060555	-80.759166	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.065277	-80.766111	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.068055	-80.765	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.048611	-80.771388	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.038611	-80.755277	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.036388	-80.761388	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.043055	-80.760833	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.062222	-80.779444	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.062777	-80.7775	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.056388	-80.771666	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.047222	-80.776388	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.048333	-80.776388	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.065555	-80.770277	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.028888	-80.758055	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.051111	-80.779444	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.066388	-80.769722	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.0625	-80.777222	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.042222	-80.762777	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.028888	-80.759722	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.055555	-80.745833	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.066944	-80.761111	

Appendix K
WVDEP Mining National Pollutant Discharge Elimination System (NPDES) Permits^a

COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.052222	-80.757777	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.041111	-80.764722	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.038611	-80.766666	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.037777	-80.766944	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.0525	-80.763611	
Greenbrier	50500050606	Meadow Creek-Meadow River	Sewell Valley #2 Mine	WARRIOR ENERGY RESOURCES, LLC	WV1028685		6/15/2016	9/21/2026	38.051944	-80.768611	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782	29 INSPECTABLE UNITS (REFER TO MINING PERMIT S300614 FOR ACREAGES)	4/15/2016	10/18/2026	37.893888	-80.800833	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.891666	-80.791111	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.893333	-80.793055	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.896388	-80.793333	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.890833	-80.803055	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.896111	-80.795833	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.898333	-80.795555	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.888333	-80.808055	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.891111	-80.799444	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.888055	-80.808055	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.888888	-80.802222	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.888611	-80.794166	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.886666	-80.7975	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.89	-80.791666	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.89	-80.792222	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.894722	-80.793333	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.894444	-80.795555	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.894722	-80.8	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.894722	-80.800555	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.887777	-80.802777	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.886944	-80.800277	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.888055	-80.798888	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.885833	-80.807777	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.888888	-80.796944	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.888055	-80.793611	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.89	-80.794166	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.890555	-80.796388	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.893055	-80.796111	
Fayette	50500050604	Sewell Creek	Spring Dale Surface Mine	AMERICAN MINING GROUP, LLC	WV1028782		4/15/2016	10/18/2026	37.893611	-80.796944	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987	14 INSPECTABLE UNITS (REFER TO MINING PERMIT S301116 FOR ACREAGES)	11/15/2017	11/14/2022	38.006111	-80.662222	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.000555	-80.689722	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.017222	-80.656111	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.001111	-80.690555	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.018055	-80.688611	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.013055	-80.69	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.013611	-80.669166	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.0125	-80.669166	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.015833	-80.667222	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.017777	-80.668333	
Greenbrier	50500050605	Big Clear Creek-Meadow River	No. 2 Surface Mine	PRINCESS POLLY ANNA & JCT ENTERPRISES, LLC	WV1028987		11/15/2017	11/14/2022	38.019722	-80.666111	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053		67 INSPECTABLE UNITS (REFER TO MINING PERMIT S300617 FOR ACREAGES)	12/18/2018	12/11/2023	37.988888	-80.654166
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053			12/18/2018	12/11/2023	37.991388	-80.657777
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053			12/18/2018	12/11/2023	37.994722	-80.658888
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	37.996944	-80.658888	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.000277	-80.656944	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.004166	-80.656111	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.014166	-80.654166	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.0075	-80.655	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.007777	-80.655555	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.0125	-80.655	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.01	-80.6525	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.007777	-80.661111	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	38.003333	-80.6625	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Hickory Patch Surface Mine	GREENBRIER MINERALS, LLC	WV1029053	12/18/2018		12/11/2023	37.978888	-80.669444	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Charmco No. 1 Deep Mine	WARRIOR ENERGY RESOURCES, LLC	WV1029070	6 INSPECTABLE UNITS (REFER TO MINING PERMIT S300715 FOR	9/11/2018	9/4/2023	38.01	-80.746944	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Charmco No. 1 Deep Mine	WARRIOR ENERGY RESOURCES, LLC	WV1029070		9/11/2018	9/4/2023	38.01	-80.745555	
Greenbrier	50500050605	Big Clear Creek-Meadow River	Charmco No. 1 Deep Mine	WARRIOR ENERGY RESOURCES, LLC	WV1029070		9/11/2018	9/4/2023	38.005	-80.743333	

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COUNTY	HUC 12	HUC 12 NAME	FACILITY/PROJECT NAME	APPLICANT/PERMITTEE	PERMIT ID	INSPECTIBLE UNITS/OUTLETS ^b	ISSUE DATE	EXPIRE DATE	LATITUDE (°N)/ UTM North	LONGITUDE (°W)/ UTM East
Greenbrier	50500050605	Big Clear Creek-Meadow River	Charmco No. 1 Deep Mine	WARRIOR ENERGY RESOURCES, LLC	WV1029070	MINING PERMIT S300715 FOR ACREAGES)	9/11/2018	9/4/2023	38.003333	-80.748611
Greenbrier	50500050605	Big Clear Creek-Meadow River	Charmco No. 1 Deep Mine	WARRIOR ENERGY RESOURCES, LLC	WV1029070		9/11/2018	9/4/2023	38.003611	-80.749444
Greenbrier	50500050605	Big Clear Creek-Meadow River	Charmco No. 1 Deep Mine	WARRIOR ENERGY RESOURCES, LLC	WV1029070		9/11/2018	9/4/2023	38.001111	-80.737777
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.174444	-80.727222
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.174166	-80.719444
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.173055	-80.724722
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.173611	-80.726111
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.176944	-80.729722
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.176944	-80.731944
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.176388	-80.733611
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.174444	-80.734722
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.171388	-80.733888
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.170277	-80.733333
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.163888	-80.714166
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.171388	-80.734722
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.170555	-80.738888
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.174722	-80.715555
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.173055	-80.713055
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.175	-80.741388
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.179166	-80.73
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.176111	-80.723333
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.178888	-80.729166
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.170555	-80.710833
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096		11/28/2018	11/19/2023	38.175833	-80.750277
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.155277	-80.716111	
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.154722	-80.715277	
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.171111	-80.711944	
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.156944	-80.715	
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.16	-80.715555	
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.162777	-80.715833	
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.168611	-80.714444	
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.171388	-80.714722	
Nicholas	50500050501	Headwaters Hominy Creek	Hominy Surface Mine No. 1	QUINWOOD COAL COMPANY LLC	WV1029096	11/28/2018	11/19/2023	38.171944	-80.715833	
Lewis	50200020105	Polk Creek-West Fork River	J.C.B. Mining Inc.	WVDEP OFFICE OF SPECIAL RECLAMATION	WV1029339	1 INSPECTABLE UNIT (MINING PERMIT U200688)	3/15/2016	6/9/2026	38.999444	-80.433611
Greenbrier	50500050605	Big Clear Creek-Meadow River	Laurel Valley No. 1 Surface Mine	WARRIOR ENERGY RESOURCES, LLC	WV1030078	6 INSPECTABLE UNITS (REFER TO MINING PERMIT S300615 FOR ACREAGES)	2/4/2020	2/2/2025	38.008055	-80.745833
Greenbrier	50500050605	Big Clear Creek-Meadow River	Laurel Valley No. 1 Surface Mine	WARRIOR ENERGY RESOURCES, LLC	WV1030078		2/4/2020	2/2/2025	38.008055	-80.743333
Greenbrier	50500050605	Big Clear Creek-Meadow River	Laurel Valley No. 1 Surface Mine	WARRIOR ENERGY RESOURCES, LLC	WV1030078		2/4/2020	2/2/2025	38.008611	-80.743333
Greenbrier	50500050605	Big Clear Creek-Meadow River	Laurel Valley No. 1 Surface Mine	WARRIOR ENERGY RESOURCES, LLC	WV1030078		2/4/2020	2/2/2025	38.008333	-80.745277
Greenbrier	50500050605	Big Clear Creek-Meadow River	Laurel Valley No. 1 Surface Mine	WARRIOR ENERGY RESOURCES, LLC	WV1030078		2/4/2020	2/2/2025	38.003333	-80.748611
Greenbrier	50500050605	Big Clear Creek-Meadow River	Laurel Valley No. 1 Surface Mine	WARRIOR ENERGY RESOURCES, LLC	WV1030078		2/4/2020	2/2/2025	38.001111	-80.737777
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094	23 INSPECTABLE UNITS (REFER TO MINING PERMIT S300718 FOR ACREAGES)	10/16/2019	10/15/2024	38.105277	-80.712222
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.108611	-80.712222
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.11	-80.715
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.108888	-80.715
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.124444	-80.730555
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.109166	-80.715277
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.115	-80.725833
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.123611	-80.731111
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.104166	-80.702222
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.123888	-80.734444
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.1225	-80.733333
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.105277	-80.709166
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.113888	-80.733611
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.112777	-80.732777
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.1125	-80.732777
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.102777	-80.716944
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.118333	-80.732222
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.113333	-80.728333
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.1125	-80.723333
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.113333	-80.718055
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.105277	-80.7175
Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.102777	-80.7175

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Nicholas	50500050501	Headwaters Hominy Creek	Hominy No. 2 Surface Mine	QUINWOOD COAL COMPANY LLC	WV1030094		10/16/2019	10/15/2024	38.104722	-80.713333
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132	23 INSPECTABLE UNITS (REFER TO MINING PERMIT S300919 FOR ACREAGES)	7/15/2020	7/10/2025	38.068888	-80.6625
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.0625	-80.662222
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.065	-80.6625
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.067222	-80.660555
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.070277	-80.66
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.071944	-80.658333
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.075	-80.656944
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.079722	-80.6525
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.080555	-80.651944
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.068055	-80.661944
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.053611	-80.6675
Greenbrier	50500050501	Headwaters Hominy Creek	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.07	-80.666944
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.038611	-80.66
Greenbrier	50500050501	Headwaters Hominy Creek	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.080555	-80.683333
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.05	-80.658611
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.085	-80.648611
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.053333	-80.665555
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.055277	-80.663055
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.056388	-80.661666
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.059166	-80.660277
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.060277	-80.660833
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.060555	-80.661388
Greenbrier	50500050605	Big Clear Creek-Meadow River	Brown Creek Contour Mine	GREENBRIER MINERALS, LLC	WV1030132		7/15/2020	7/10/2025	38.061666	-80.662222
Harrison	050200020601	Bingamon Creek		BINGAMON CORPORATION	WV0067733	9 INSPECTABLE UNITS (REFER TO Q100597/U101094 FOR ACREAGES)	4/24/1984	5/24/2018	39.420250	-80.337444
Harrison	050200020601	Bingamon Creek		BINGAMON CORPORATION	WV0067733		4/24/1984	5/24/2018	39.418472	-80.341388
Harrison	050200020601	Bingamon Creek		BINGAMON CORPORATION	WV0067733		4/24/1984	5/24/2018	39.418277	-80.338250
Harrison	050200020601	Bingamon Creek		BINGAMON CORPORATION	WV0067733		4/24/1984	5/24/2018	39.419833	-80.335833
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.457500	-80.429166
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.443888	-80.354166
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.431111	-80.396388
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.452777	-80.400000
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.484722	-80.411388
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.450277	-80.451944	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.475555	-80.380833	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.451388	-80.397222	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.430833	-80.398055	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.472222	-80.448611	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.430277	-80.402500	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.471666	-80.410000	

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Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	83 INSPECTABLE UNITS (REFER TO 1363-12- 033/U010483/U102592/WV005059 8 FOR ACREAGES)	1/31/1986	2/4/2025	39.442500	-80.350555	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.439444	-80.353333	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.450833	-80.454166	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.452222	-80.451666	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.430555	-80.396111	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.483888	-80.416111	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.480833	-80.414444	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.451388	-80.397222	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.477777	-80.485555	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.493888	-80.443888	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.415000	-80.360000	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.457500	-80.425277	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.456666	-80.431666	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.456666	-80.422222	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.431388	-80.402222	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.424444	-80.395277	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.430000	-80.403333	
Harrison	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.426666	-80.371388	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.457500	-80.425277	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505		1/31/1986	2/4/2025	39.468888	-80.455833	
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.468611	-80.455277		
Marion	050200020601	Bingamon Creek		HARRISON COUNTY COAL RESOURCES, INC.	WV0093505	1/31/1986	2/4/2025	39.469166	-80.458055		
Harrison	050200020601	Bingamon Creek		COAL VALLEY, LLC	WV1023721	0200510	8/26/2010	11/9/2021	39.440555	-80.295277	
Harrison	050200020601	Bingamon Creek		COAL VALLEY, LLC	WV1023721		8/26/2010	11/9/2021	39.422500	-80.298055	
Harrison	050200020601	Bingamon Creek		COAL VALLEY, LLC	WV1023721		8/26/2010	11/9/2021	39.428055	-80.297222	
Harrison	050200020601	Bingamon Creek		COAL VALLEY, LLC	WV1023721		8/26/2010	11/9/2021	39.423611	-80.300277	
Harrison	050200020601	Bingamon Creek		COAL VALLEY, LLC	WV1023721		8/26/2010	11/9/2021	39.423611	-80.295277	
Harrison	050200020601	Bingamon Creek		COAL VALLEY, LLC	WV1023721		8/26/2010	11/9/2021	39.422500	-80.298055	
Harrison	050200020601	Bingamon Creek		COAL VALLEY, LLC	WV1023721		8/26/2010	11/9/2021	39.428055	-80.297222	
Harrison	050200020601	Bingamon Creek		CONSOLIDATION COAL COMPANY	WV1025651		N/A	11/22/2013	11/22/2018	39.421944	-80.363888
Harrison	050200020601	Bingamon Creek		CONSOLIDATION COAL COMPANY	WV1025651	11/22/2013		11/22/2018	39.419722	-80.361111	
Harrison	050200020601	Bingamon Creek		CONSOLIDATION COAL COMPANY	WV1025651	11/22/2013		11/22/2018	39.422500	-80.364166	
Harrison	050200020601	Bingamon Creek		CONSOLIDATION COAL COMPANY	WV1025651	11/22/2013		11/22/2018	39.420000	-80.346666	
Harrison	050200020601	Bingamon Creek		CONSOLIDATION COAL COMPANY	WV1025651	11/22/2013		11/22/2018	39.424722	-80.366388	
Harrison	050200020601	Bingamon Creek		CONSOLIDATION COAL COMPANY	WV1025651	11/22/2013	11/22/2018	39.425000	-80.367222		
Webster	050500070604	Little Otter Creek-Elk River	BROOKS RUN MINING COMPANY, LLC	HPU	WV1010221	S102690	1/29/1991	3/13/2023	38.625000	-80.750000	
Webster	050500070604	Little Otter Creek-Elk River	BROOKS RUN MINING COMPANY, LLC	HPU	WV1010221		1/29/1991	3/13/2023	38.625000	-80.750000	
Webster	050500070604	Little Otter Creek-Elk River	BROOKS RUN MINING COMPANY, LLC	HPU	WV1010221		1/29/1991	3/13/2023	38.625000	-80.750000	
Webster	050500070604	Little Otter Creek-Elk River	BROOKS RUN MINING COMPANY, LLC	HPUGD	WV1010506		U101991	11/13/1991	2/20/2023	38.625000	-80.750000
Webster	050500070604	Little Otter Creek-Elk River	BROOKS RUN MINING COMPANY, LLC	HPUGD	WV1010506			11/13/1991	2/20/2023	38.625000	-80.750000
Wetzel	050302010203	Outlet South Fork Fishing Creek	BROOKS RUN MINING COMPANY, LLC	HPUO	WV0068306		29 INSPECTABLE UNITS (REFER TO S007185/U201689/WV0058513 FOR ACREAGES)	7/10/1985	11/13/2023	39.542222	-80.589166
Nicholas	050500070403	Middle Birch River		RESERVE RESOURCE PARTNERS, INC.	WV0047988	111 INSPECTABLE UNITS (REFER TO E007800/H062800/H065800/ P065700/R068000 FOR ACREAGES)	4/6/1990	6/5/2021	38.437777	-80.741111	
Nicholas	050500070403	Middle Birch River		RESERVE RESOURCE PARTNERS, INC.	WV0047988		4/6/1990	6/5/2021	38.437500	-80.737777	
Nicholas	050500070403	Middle Birch River		BROOKS RUN MINING COMPANY, LLC	WV1000527	4 INSPECTABLE UNITS (REFER TO U307186 FOR ACREAGES)	9/11/1987	12/18/2022	38.526388	-80.670000	
Nicholas	050500070403	Middle Birch River		BROOKS RUN MINING COMPANY, LLC	WV1000527		9/11/1987	12/18/2022	38.525000	-80.678333	
Nicholas	050500070403	Middle Birch River		BROOKS RUN MINING COMPANY, LLC	WV1000527		9/11/1987	12/18/2022	38.525000	-80.678333	
Nicholas	050500070403	Middle Birch River		BROOKS RUN MINING COMPANY, LLC	WV1000527		9/11/1987	12/18/2022	38.525833	-80.677222	
Nicholas	050500070403	Middle Birch River		BROOKS RUN MINING COMPANY, LLC	WV1000527		9/11/1987	12/18/2022	38.526388	-80.670000	
Nicholas	050500070403	Middle Birch River		BROOKS RUN MINING COMPANY, LLC	WV1000527		9/11/1987	12/18/2022	38.525000	-80.678333	
Nicholas	050500070403	Middle Birch River		RESERVE RESOURCE PARTNERS, INC.	WV1024531		U300610	2/9/2012	2/9/2022	38.441111	-80.730833
Nicholas	050500070403	Middle Birch River		RESERVE RESOURCE PARTNERS, INC.	WV1024531		2/9/2012	2/9/2022	38.437777	-80.740833	
Fayette	050500040208	Farleys Creek-New River	WVDEP OFFICE OF SPECIAL RECLAMATION	HPUOL	WV1028057	N/A	9/5/2014	9/3/2024	37.832222	-80.935000	
Raleigh	050500040103	Outlet Piney Creek	WVDEP OFFICE OF SPECIAL RECLAMATION	HPUOL	WV1028022	R000381	7/15/2014	6/11/2024	37.822500	-81.202500	

^aData collected from WVDEP TAGIS Data Viewer website and processed utilizing ERIS ARCGIS Software (February-May 2022).

^bMining NPDES Permits associated with permitted mines (Refer to Appendix I).

Source(s): (1) https://tagis.dep.wv.gov/wvdep_gis_viewer/; (2) <https://dep.wv.gov/insidedep/Pages/coalquarryndpespermitsearch.aspx>.