

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

SAMPLE POINT	CORRESPONDING SAMPLE ID	MAJOR WATERSHED	SUB WATERSHED	SAMPLE POINT NAME	DESCRIPTION	RECEIVING STREAM	PRIMARY TYPE	MONITORED	DEP PERMIT	DEP POINT	DATA SOURCE	LATITUDE	LONGITUDE
BCMS-001		Blacklick Creek - Main Stem	Blacklick Creek	Bells Mill Mine	Bells Mill Mine, Josephine and Bells Mills Mines upstream of Josephine on the north side of Blacklick Creek, Deep mine (2-bells mills) discharge near RR bridge in Josephine	Blacklick Creek	Discharge	N		22	PADER	40.47943878	-79.17415619
BCMS-002		Blacklick Creek - Main Stem	Blacklick Creek	Bells Mill Mine	Bells Mill Mine	Blacklick Creek	Discharge	N		22B	PADER	40.47861099	-79.17582703
BCMS-003		Blacklick Creek - Main Stem	Blacklick Creek	Drift Mine	Drift Mine	Unnamed tributary to Blacklick Creek	Discharge	N		24A	PADER	40.46276855	-79.18193817
BCMS-004		Blacklick Creek - Main Stem	Blacklick Creek	Jewell No. 3 Mine	Jewell No. 3 Mine	Unnamed tributary to Blacklick Creek	Discharge	N		26B	PADER	40.47304916	-79.17500305
BCMS-005		Blacklick Creek - Main Stem	Laurel Run	Josephine No. 2 Mine	Josephine No. 2 Mine	Laurel Run	Discharge	N		32B	PADER	40.49250031	-79.15000153
BCMS-006	ICCD-316, 301258	Blacklick Creek - Main Stem	Laurel Run	Crichton Coal & Coke Co. Mine	Crichton Coal & Coke Co. Mine, Mine discharge at west end of highwall, Deep mine discharge on Chestnut ridge near anticline (phase #2 proposal area)	Laurel Run	Discharge	N		32C	PADER	40.49499893	-79.12249756
BCMS-007		Blacklick Creek - Main Stem	Ramsey Run	Heshbon Mine Complex #1	Heshbon Mine Complex		Stream	N		46A	PADER	40.46443939	-79.08943939
BCMS-008		Blacklick Creek - Main Stem	Ramsey Run	Heshbon Mine Complex #2	Heshbon Mine Complex	Ramsey Run	Discharge	N		46B	PADER	40.46138	-79.0891571
BCMS-009		Blacklick Creek - Main Stem	Ramsey Run	Heshbon Mine Complex #3	Heshbon Mine Complex	Ramsey Run	Discharge	N		46C	PADER	40.4605484	-79.08638
BCMS-010		Blacklick Creek - Main Stem	Ramsey Run	Heshbon Mine Complex #4	Heshbon Mine Complex	Ramsey Run	Discharge	N		46D	PADER	40.46250153	-79.08943939
BCMS-011		Blacklick Creek - Main Stem	Yellow Creek	Point Discharge and Mine Waste Dump Seep	Point Discharge and Mine Waste Dump Drainage		Seep	N		4743	PADER	40.4822197	-78.93388367
BCMS-012		Blacklick Creek - Main Stem	Blacklick Creek	Point Discharge	Point Discharge		Seep	N		4744	PADER	40.48249817	-78.93444061
BCMS-013		Blacklick Creek - Main Stem	Ramsey Run	Artesian shaft	Artesian shaft, Wehrum - Shaft discharge and Swamp Area	South Branch Blacklick Creek	Discharge	N		4746	PADER	40.46472168	-78.95388031
BCMS-014		Blacklick Creek - Main Stem	Blacklick Creek	Thermal No. 15 Mine	Thermal No. 15 Mine	Unnamed Tributary to Blacklick Creek	Discharge	N		4748	PADER	40.47637939	-79.00054932
BCMS-015		Blacklick Creek - Main Stem	Brush Creek	Drift Mine	Drift Mine	Tide Tributary	Discharge	N		4835	PADER	40.53887939	-79.10111237
BCMS-016		Blacklick Creek - Main Stem	Rummel Run	Drift mine	Drift mine	Unnamed Tributary to South Branch Blacklick Creek	Discharge	N		4851	PADER	40.45943832	-78.90776825
BCMS-017		Blacklick Creek - Main Stem	Rummel Run	Drift mine	Drift mine	Rummel Run	Discharge	N		4853	PADER	40.45360947	-78.92137909
BCMS-018		Blacklick Creek - Main Stem	Rummel Run	Drift mine	Drift mine	Rummel Run	Discharge	N		4854	PADER	40.45526886	-78.92166138
BCMS-019		Blacklick Creek - Main Stem	Rummel Run	Drift mine	Drift mine	Rummel Run	Discharge	N		4855	PADER	40.45222092	-78.92221832
BCMS-020		Blacklick Creek - Main Stem	Blacklick Creek	Amerford Mine	Amerford Mine	Blacklick Creek	Discharge	N		4857	PADER	40.46860886	-79.01165771
BCMS-021		Blacklick Creek - Main Stem	Blacklick Creek	Scott Glenn Mine	Scott Glenn Mine	Blacklick Creek	Discharge	N		4858	PADER	40.46722031	-79.01693726
BCMS-022		Blacklick Creek - Main Stem	Mardis Run	Drift Mine	Drift Mine	Unnamed tributary to MainStem Blacklick Creek	Discharge	N		4859	PADER	40.4688797	-79.03276825
BCMS-023		Blacklick Creek - Main Stem	Blacklick Creek	Strip mine seepage	Strip mine seepage		Seep	N		4863	PADER	40.48693848	-79.02555084

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BCMS-024		Blacklick Creek - Main Stem	Blacklick Creek	Drift mine	Drift mine	Unnamed tributary to MainStem Blacklick Creek	Discharge	N		4863A	PADER	40.48666	-79.02610779
BCMS-025		Blacklick Creek - Main Stem	Blacklick Creek	Caldwell #1 Mine	Caldwell #1 Mine	Unnamed tributary to MainStem Blacklick Creek	Seep	N		4866	PADER	40.47861099	-79.03665924
BCMS-027		Blacklick Creek - Main Stem	Blacklick Creek	Virginian No. 15 Mine	Virginian No. 15 Mine	Unnamed tributary to MainStem Blacklick Creek	Discharge	N		4868	PADER	40.48387909	-79.05888367
BCMS-028		Blacklick Creek - Main Stem	Blacklick Creek	Virginian No. 15 Mine	Virginian No. 15 Mine	Unnamed tributary to MainStem Blacklick Creek	Discharge	N		4869	PADER	40.48693848	-79.05860901
BCMS-029		Blacklick Creek - Main Stem	Blacklick Creek	Thermal No. 15 Mine	Thermal No. 15 Mine	Blacklick Creek	Discharge	N		4874	PADER	40.47499847	-79.00332642
BCMS-030		Blacklick Creek - Main Stem	Blacklick Creek	Seepage Area	Seepage Area		Seep	N		4874A	PADER	40.47444153	-79.0036087
BCMS-031		Blacklick Creek - Main Stem	Blacklick Creek	Drift mine	Drift mine	Unnamed tributary to MainStem Blacklick Creek	Discharge	N		4875	PADER	40.46722031	-79.05027008
BCMS-032		Blacklick Creek - Main Stem	Ramsey Run	Hesbon Mine Complex	Hesbon Mine Complex	Ramsey Run	Discharge	N		4876	PADER	40.46110916	-79.08693695
BCMS-033		Blacklick Creek - Main Stem	Blacklick Creek	Drift mine	Drift mine	Unnamed tributary to MainStem Blacklick Creek	Discharge	N		4877	PADER	40.47415924	-79.04277039
BCMS-034		Blacklick Creek - Main Stem	Blacklick Creek	Mine Waste Dump Seepage	Mine Waste Dump Seepage		Seep	N		4878	PADER	40.48387909	-79.05500031
BCMS-036		Blacklick Creek - Main Stem	Blacklick Creek	Vinton No. 12 Mine	Vinton No. 12 Mine	Blacklick Creek	Discharge	N		4886	PADER	40.48554993	-79.08083344
BCMS-037		Blacklick Creek - Main Stem	Blacklick Creek	Vinton No. 14 mine	Vinton No. 14 mine	Blacklick Creek	Discharge	N		4887A	PADER	40.48249817	-79.07861328
BCMS-038		Blacklick Creek - Main Stem	Blacklick Creek	Vinton No. 12 Mine	Vinton No. 12 Mine	Blacklick Creek	Seep	N		4889	PADER	40.47861099	-79.08833313
BCMS-040		Blacklick Creek - Main Stem	Aulds Run	Drift Mine	Drift Mine, Virginia #14 Mine	Aulds Run	Seep	N		4893	PADER	40.47610855	-79.11193848
BCMS-041		Blacklick Creek - Main Stem	Aulds Run	Aulds Run Mine	Aulds Run Mine	Aulds Run	Discharge	N		4895	PADER	40.48611069	-79.10221863
BCMS-042		Blacklick Creek - Main Stem	Blacklick Creek	Mine Waste Dump Seepage	Mine Waste Dump Seepage		Seep	N		4897	PADER	40.47972107	-79.12000275
BCMS-043		Blacklick Creek - Main Stem	Aulds Run	Virginian No. 14 Mine	Virginian No. 14 Mine	Aulds Run	Discharge	N		4898	PADER	40.47444153	-79.10944366
BCMS-044		Blacklick Creek - Main Stem	Laurel Run	Luciusboro Mine	Luciusboro Mine	Laurel Run	Discharge	N		4922	PADER	40.51026917	-79.11360931
BCMS-045		Blacklick Creek - Main Stem	Blacklick Creek	Jewell No. 3 Mine	Jewell No. 3 Mine	Blacklick Creek Mainstem	Discharge	N		5017	PADER	40.47360992	-79.17333221
BCMS-046		Blacklick Creek - Main Stem	Blacklick Creek	Jewell No. 3 Mine	Jewell No. 3 Mine	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		5018	PADER	40.47249985	-79.17500305
BCMS-047		Blacklick Creek - Main Stem	Blacklick Creek	Jewell No. 3 Mine	Jewell No. 3 Mine	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		5019	PADER	40.47222137	-79.17582703
BCMS-048		Blacklick Creek - Main Stem	Blacklick Creek	Drift mine	Drift mine	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		5020	PADER	40.47082901	-79.17500305
BCMS-049		Blacklick Creek - Main Stem	Blacklick Creek	Jewell No. 3 Mine	Jewell No. 3 Mine	Blacklick Creek Mainstem	Discharge	N		5023	PADER	40.47861099	-79.16722107

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BCMS-050		Blacklick Creek - Main Stem	Blacklick Creek	Jewell No. 3 Mine	Jewell No. 3 Mine	Blacklick Creek Mainstem	Discharge	N		5024	PADER	40.46944046	-79.16860962
BCMS-051		Blacklick Creek - Main Stem	Blacklick Creek	Jewell No. 3 Mine	Jewell No. 3 Mine	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		5025	PADER	40.47721863	-79.16999817
BCMS-052		Blacklick Creek - Main Stem	Blacklick Creek	Jewell No. 3 Mine	Jewell No. 3 Mine	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		5026	PADER	40.47583008	-79.17137909
BCMS-054		Blacklick Creek - Main Stem	Blacklick Creek	Strip pit No. 115 seep	Seepage from strip pit No. 115 filled with mine waste	Blacklick Creek Mainstem	Seep	N		52B	PADER	40.48083115	-79.05082703
BCMS-055		Blacklick Creek - Main Stem	Blacklick Creek	Mine Waste Dump Seepage	Mine Waste Dump Seepage	Blacklick Creek Mainstem	Seep	N		69B	PADER	40.48194122	-78.93222046
BCMS-056		Blacklick Creek - Main Stem	Rummel Run	Strip mine Drainage Seep	Strip mine Drainage Seep	Blacklick Creek Mainstem	Seep	N		73	PADER	40.45861053	-78.92749786
BCMS-057		Blacklick Creek - Main Stem	Blacklick Creek	Strip Mine Seep #1	Strip Mine Seep	Unnamed Tributary to Blacklick Creek Mainstem	Seep	N			BCWA	40.46731949	-79.1521225
BCMS-060		Blacklick Creek - Main Stem	Blacklick Creek	Strip Mine Pit	Mine is along the north valley wall of Blacklick Creek, near tipple	Mainstem Blacklick Creek	Seep	N			BCWA	40.47719955	-79.11985016
BCMS-061	26	Blacklick Creek - Main Stem	Blacklick Creek	Strip Mine Pit	Mine is along the north valley wall of Blacklick Creek, near tipple	Mainstem Blacklick Creek	Seep	N			BCWA	40.4723587	-79.11422729
BCMS-064	23	Blacklick Creek - Main Stem	Blacklick Creek	Refuse Seeps	Buena furnace, Seeps	Mainstem of Blacklick Creek	Seep	N			BCWA	40.48097992	-79.04489136
BCMS-065	21	Blacklick Creek - Main Stem	Blacklick Creek	Virginia #15 Mine	Virginia #15 Mine	Un-named Tributary to Blacklick Creek	Discharge	N			BCWA	40.48682022	-79.04252625
BCMS-066	22B	Blacklick Creek - Main Stem	Blacklick Creek	Strip Mine	Strip Mine, Oneida - Deep mine discharge	Un-named Tributary to Blacklick Creek	Discharge	N			BCWA	40.48461914	-79.04273224
BCMS-067		Blacklick Creek - Main Stem	Blacklick Creek	Strip Mine	Strip Mine	Un-named Tributary to Blacklick Creek	Discharge	N			BCWA	40.48387146	-79.03305817
BCMS-070		Blacklick Creek - Main Stem	Blacklick Creek	Refuse Pile	Refuse Pile, Scott Glenn - mine discharge, seeps, refuse materials	Mainstem Blacklick Creek	Seep	N			BCWA	40.47129059	-79.01206207
BCMS-074	29	Blacklick Creek - Main Stem	Blacklick Creek	Dunkard Creek Coal Co.	Strip Mine, un-named trib from Rte. 22 peak, old strips near anticline - bad seeps, some with AI	Un-named Tributary to Blacklick Creek	Discharge	N			BCWA	40.46146011	-79.12425232
BCMS-075	28	Blacklick Creek - Main Stem	Laurel Run	Virginia #2 Mine	Virginia #2 Mine	Laurel Run	Discharge	N			BCWA	40.49420929	-79.12122345
BCMS-080	19B	Blacklick Creek - Main Stem	Blacklick Creek	Oneida Mine	Dilltown (Heights area) Surface mine contour with stream entering opening.	Mainstem Blacklick Creek	Seep	N			BCWA	40.47814941	-79.00972748
BCMS-081	20	Blacklick Creek - Main Stem	Blacklick Creek	Discharge	Discharge	Mainstem Blacklick Creek	Discharge	N			BCWA	40.4743309	-79.00691223
BCMS-082	16	Blacklick Creek - Main Stem	Rummel Run	Discharge Rummel Run	Discharge Rummel Run	Rummel Run	Seep	N			BCWA	40.46170044	-78.93627167
BCMS-084	17	Blacklick Creek - Main Stem	Rummel Run	Discharge along Rummel Run	Approx. 4,500ft. upstream on Rummel Run from the confluence with Blacklick Creek.	Mainstem Blacklick Creek	Discharge	N			BCWA	40.46249771	-78.93681335
BCMS-086		Blacklick Creek - Main Stem	Blacklick Creek	Strip Mine Seep #2	Strip Mine Seep	Unnamed Tributary to Blacklick Creek Mainstem	Seep	N			BCWA	40.46226883	-79.15203094
BCMS-087		Blacklick Creek - Main Stem	Laurel Run	Crichton Coal & Coke Co. Mine #1	Crichton Coal & Coke Co. Mine Laurel Run #2 Proposal area near Plant-it-Earth	Laurel Run	Discharge	N			BCWA	40.50733948	-79.11424255

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BCMS-088		Blacklick Creek - Main Stem	Blacklick Creek	Strip Mine Seep #3	Strip Mine Seep	Unnamed Tributary to Blacklick Creek Mainstem	Seep	N			BCWA	40.45719147	-79.15171814
BCMS-091		Blacklick Creek - Main Stem	Blacklick Creek	Possible mine on Upper Freeport (Source: MRR98)	Possible mine on Upper Freeport (Source: MRR98)	Main stem Blacklick Creek	Discharge	N			BCWA	40.47319031	-79.186409
BCMS-093		Blacklick Creek - Main Stem	Laurel Run	Strip Mines	Strip Mines	Un-named Tributary to Laurel Run	Discharge	N			BCWA	40.49380112	-79.14526367
BCMS-094	H	Blacklick Creek - Main Stem	Laurel Run	Spring	Spring		Seep	Y	32823049	H	PADEP	40.50352097	-79.11338043
BCMS-095	MP-5	Blacklick Creek - Main Stem	Brush Creek	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32910102	MP-5	PADEP	40.54193878	-79.10221863
BCMS-096	MP-11	Blacklick Creek - Main Stem	Brush Creek	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32910102	MP-11	PADEP	40.54222107	-79.10221863
BCMS-097	MP-50	Blacklick Creek - Main Stem	Blacklick Creek	Wetland Discharge	Wetland Discharge		Discharge	Y	32950101	MP-50	PADEP	40.48416138	-79.05165863
BCMS-098	MP-50A	Blacklick Creek - Main Stem	Blacklick Creek	Highwall discharge	Highwall discharge		Discharge	Y	32950101	MP-50A	PADEP	40.48500061	-79.05666351
BCMS-100	D	Blacklick Creek - Main Stem	Laurel Run	Laurel Run, downstream	Laurel Run, downstream		Stream	Y	32860109	D	PADEP	40.49277115	-79.11387634
BCMS-101	OO	Blacklick Creek - Main Stem	Laurel Run	Seep at toe of Lower Freeport Spoil	Seep at toe of Lower Freeport Spoil		Seep	Y	32860109	OO	PADEP	40.49277115	-79.11332703
BCMS-102	SP-10	Blacklick Creek - Main Stem	Blacklick Creek	Combination of Seeps	Combination of Seeps		Seep	Y	32870102	SP-10	PADEP	40.47555161	-79.00444031
BCMS-104	SW-127	Blacklick Creek - Main Stem	Blacklick Creek	Seep at Gasline	Seep at Gasline		Seep	Y	32880104	SW-127	PADEP	40.48360825	-79.02111053
BCMS-105	MD-131	Blacklick Creek - Main Stem	Blacklick Creek	Mine Discharge	Mine Discharge		Discharge	Y	32880104	MD-131	PADEP	40.48416138	-79.02638245
BCMS-106	MD-135	Blacklick Creek - Main Stem	Blacklick Creek	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32880104	MD-135	PADEP	40.4783287	-79.03388214
BCMS-109	MD-8-14	Blacklick Creek - Main Stem	Blacklick Creek	Seep	Seep		Seep	Y	32880106	MD-8-14	PADEP	40.48194122	-79.03694153
BCMS-110	MD-33-10	Blacklick Creek - Main Stem	Blacklick Creek	Abandoned Strip Discharge	Abandoned Strip Discharge		Discharge	Y	32880106	MD-33-10	PADEP	40.48915863	-79.04222107
BCMS-111	MD-33-11	Blacklick Creek - Main Stem	Blacklick Creek	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32880106	MD-33-11	PADEP	40.48804855	-79.04305267
BCMS-112	MD-33-14	Blacklick Creek - Main Stem	Blacklick Creek	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32880106	MD-33-14	PADEP	40.48387909	-79.04250336
BCMS-113	MD-33-58	Blacklick Creek - Main Stem	Blacklick Creek	Abandoned Strip Discharge	Abandoned Strip Discharge		Discharge	Y	32880106	MD-33-58	PADEP	40.48833084	-79.04193878
BCMS-114	WQN0814	Blacklick Creek - Main Stem	Blacklick Creek	BC at T-660 Bridge	Blacklick Creek at T-660 Bridge near Josephine		Stream	N		WQN0814	PADEP	40.47333145	-79.18360901
BCMS-115	900435	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.47278976	-79.10346985
BCMS-116	900436	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.47475052	-79.1713562
BCMS-117	900437	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.48472977	-79.03861237
BCMS-118	900438	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.48482132	-79.03855133
BCMS-119	900439	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.47109985	-79.00437164
BCMS-120	900440	Blacklick Creek - Main Stem	Mardis Run	Mardis Run	Mardis Run		Stream	N			ICCD	40.4733696	-78.99356079

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BCMS-121	900441	Blacklick Creek - Main Stem	Ramsey Run	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.45890045	-78.9524765
BCMS-122	1200142	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.48944092	-79.01976013
BCMS-123	1200141	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.49163055	-79.01950073
BCMS-125	301010	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.50236893	-79.11524963
BCMS-126	301011	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.50257874	-79.1151886
BCMS-127	301012	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.50358963	-79.11405182
BCMS-128	301013	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.50428009	-79.11280823
BCMS-129	301014	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.50516129	-79.11351013
BCMS-130	301015	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.5057106	-79.11342621
BCMS-131	301016	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.50572968	-79.11348724
BCMS-132	301017	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Un-named Trib. To Laurel Run		Stream	N			ICCD	40.50973129	-79.11424255
BCMS-133	1200376	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.4860611	-79.02387238
BCMS-134	1200377	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.4867897	-79.02313232
BCMS-135	900163	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.53139114	-78.99996185
BCMS-136	900164	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.53876877	-79.01555634
BCMS-137	900165	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.52627182	-79.03217316
BCMS-138	900166	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.5267601	-79.03787994
BCMS-139	900167	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.52548981	-79.0411377
BCMS-140	900168	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.52545166	-79.04268646
BCMS-141	900169	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.52582932	-79.04393768
BCMS-142	900170	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.52069855	-79.05522919
BCMS-143	900277	Blacklick Creek - Main Stem	Brush Creek	Discharge Sample	Discharge Sample	Brush Creek	Discharge	N			ICCD	40.55189896	-79.09439087
BCMS-144	900278	Blacklick Creek - Main Stem	Brush Creek	Un-named trib. To Brush Creek	Un-named trib. To Brush Creek		Stream	N			ICCD	40.54159927	-79.08538818
BCMS-145	900279	Blacklick Creek - Main Stem	Brush Creek	Un-named trib. To Brush Creek	Un-named trib. To Brush Creek		Stream	N			ICCD	40.5381012	-79.0974884
BCMS-146	900280	Blacklick Creek - Main Stem	Brush Creek	Discharge Sample	Discharge Sample	Brush Creek	Discharge	N			ICCD	40.52634048	-79.02848816
BCMS-147	900281	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.5262413	-79.0286026
BCMS-148	900282	Blacklick Creek - Main Stem	Brush Creek	Un-named trib. To Brush Creek	Un-named trib. To Brush Creek		Stream	N			ICCD	40.5560112	-79.07482147
BCMS-149	900283	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.55207062	-79.09436798

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

SAMPLE POINT	CORRESPONDING SAMPLE ID	MAJOR WATERSHED	SUB WATERSHED	SAMPLE POINT NAME	DESCRIPTION	RECEIVING STREAM	PRIMARY TYPE	MONITORED	DEP PERMIT	DEP POINT	DATA SOURCE	LATITUDE	LONGITUDE
BCMS-151	900302	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.49393845	-79.07823944
BCMS-152	900303	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream	N			ICCD	40.49380875	-79.07672882
BCMS-154	900305	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.48477936	-79.07380676
BCMS-155	1000135	Blacklick Creek - Main Stem	Brush Creek	Un-named trib. To Brush Creek	Un-named trib. To Brush Creek		Stream	N			ICCD	40.53973007	-79.10312653
BCMS-156	1000136	Blacklick Creek - Main Stem	Brush Creek	Discharge Sample	Discharge Sample	Un-named trib. To Brush Creek	Discharge	N			ICCD	40.53968811	-79.1030426
BCMS-157	1000137	Blacklick Creek - Main Stem	Brush Creek	Discharge Sample	Discharge Sample	Un-named trib. To Brush Creek	Discharge	N			ICCD	40.53963089	-79.10292816
BCMS-158	1000138	Blacklick Creek - Main Stem	Brush Creek	Un-named trib. To Brush Creek	Un-named trib. To Brush Creek		Stream	N			ICCD	40.5369606	-79.09848022
BCMS-159	1000139	Blacklick Creek - Main Stem	Brush Creek	Un-named trib. To Brush Creek	Un-named trib. To Brush Creek		Stream	N			ICCD	40.53162003	-79.07865906
BCMS-161	301487	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.48952103	-79.1240921
BCMS-162	301488	Blacklick Creek - Main Stem	Laurel Run	Discharge Sample	Discharge Sample	Laurel Run	Discharge	N			ICCD	40.48851013	-79.13108826
BCMS-163	301489	Blacklick Creek - Main Stem	Laurel Run	Discharge Sample	Discharge Sample	Laurel Run	Discharge	N			ICCD	40.48838043	-79.13162994
BCMS-164	301490	Blacklick Creek - Main Stem	Laurel Run	Discharge Sample	Discharge Sample	Laurel Run	Discharge	N			ICCD	40.48620987	-79.13703918
BCMS-165	301491	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Laurel Run		Stream	N			ICCD	40.48588943	-79.13765717
BCMS-166	301492	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Laurel Run		Stream	N			ICCD	40.48677063	-79.14424133
BCMS-167	301493	Blacklick Creek - Main Stem	Laurel Run	Un-named Trib. To Laurel Run	Un-named Trib. To Laurel Run		Stream	N			ICCD	40.48759842	-79.14688873
BCMS-168	301494	Blacklick Creek - Main Stem	Blacklick Creek	Laurel Run	Laurel Run at confluence with Blacklick Cr.		Stream	N			ICCD	40.48498917	-79.15534973
BCMS-169	701042	Blacklick Creek - Main Stem	Blacklick Creek	Un-named Trib. To Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.46109009	-79.14032745
BCMS-170	701039	Blacklick Creek - Main Stem	Ramsey Run	Ramsey Run Sample	Pamsey Run		Stream	N			ICCD	40.46939087	-79.09532166
BCMS-171	701040	Blacklick Creek - Main Stem	Ramsey Run	Discharge Sample	Discharge Sample	Ramsey Run	Discharge	N			ICCD	40.46530914	-79.09088898
BCMS-172	701041	Blacklick Creek - Main Stem	Ramsey Run	Discharge Sample	Discharge Sample	Ramsey Run	Discharge	N			ICCD	40.46654129	-79.09114075
BCMS-173	701046	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Un-named Trib. To Blacklick Creek	Discharge	N			ICCD	40.46598053	-79.15129089
BCMS-174	701047	Blacklick Creek - Main Stem	Blacklick Creek	Un-named Trib. To Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.46678925	-79.15171051
BCMS-175	701048	Blacklick Creek - Main Stem	Blacklick Creek	Un-named Trib. To Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.466259	-79.14981842
BCMS-176	701049	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Un-named Trib. To Blacklick Creek	Discharge	N			ICCD	40.46585083	-79.1481781
BCMS-177	701050	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Un-named Trib. To Blacklick Creek	Discharge	N			ICCD	40.46569824	-79.14797974
BCMS-178	701051	Blacklick Creek - Main Stem	Blacklick Creek	Un-named Trib. To Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.45684814	-79.15058136
BCMS-179	701052	Blacklick Creek - Main Stem	Blacklick Creek	Un-named Trib. To Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.45645142	-79.14811707
BCMS-180	701114	Blacklick Creek - Main Stem	Blacklick Creek	Un-named Trib. To Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.46783829	-79.15966034

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BCMS-181	701115	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Un-named Trib. To Blacklick Creek	Discharge	N			ICCD	40.47428894	-79.1598587
BCMS-182	701116	Blacklick Creek - Main Stem	Blacklick Creek	Un-named Trib. To Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.47542953	-79.15760803
BCMS-183	301255	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Laurel run - From mines on Chestnut ridge near anticline		Stream	N			ICCD	40.4885788	-79.12174225
BCMS-184	301256	Blacklick Creek - Main Stem	Laurel Run	Un-named Trib. To Blacklick Creek	Un-named Trib. To Blacklick Creek		Stream	N			ICCD	40.48939133	-79.12129974
BCMS-187	301259	Blacklick Creek - Main Stem	Laurel Run	Discharge	Discharge		Discharge	N			ICCD	40.4905014	-79.1222229
BCMS-188	301260	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.48768997	-79.12181854
BCMS-189	301261	Blacklick Creek - Main Stem	Laurel Run	Laurel Run Sample	Laurel Run Sample		Stream	N			ICCD	40.48804092	-79.12207794
BCMS-190	701139	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge	Un-named Trib. To Blacklick Creek	Discharge	N			ICCD	40.46585083	-79.1450119
BCMS-191	201124	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Un-named trib. To Blacklick Creek		Stream	N			ICCD	40.47838974	-79.04071045
BCMS-192	201125	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Un-named trib. To Blacklick Creek	Discharge	N			ICCD	40.48511124	-79.04338837
BCMS-193	201126	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Un-named trib. To Blacklick Creek		Stream	N			ICCD	40.48498917	-79.04348755
BCMS-194	201127	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample, Downstream on Auld's run (collects MB-9 through MB-12)	Un-named trib. To Blacklick Creek	Discharge	N			ICCD	40.4849205	-79.0428009
BCMS-195	201123	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Un-named trib. To Blacklick Creek		Stream	N			ICCD	40.47385025	-79.04283905
BCMS-196	301208	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Un-named Trib. To Laurel Run, upstream from MB-21		Stream	N			ICCD	40.49954987	-79.11608887
BCMS-197	301209	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Un-named Trib. To Laurel Run		Stream	N			ICCD	40.49879074	-79.1167984
BCMS-198	301210	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Un-named Trib. To Laurel Run		Stream	N			ICCD	40.49774933	-79.11950684
BCMS-199	301211	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Laurel Run		Stream	N			ICCD	40.49689102	-79.11949921
BCMS-200	301212	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Laurel Run		Stream	N			ICCD	40.49684143	-79.12030029
BCMS-201	301213	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Laurel Run		Stream	N			ICCD	40.49108124	-79.1211319
BCMS-203	301215	Blacklick Creek - Main Stem	Laurel Run	Laurel Run	Laurel Run		Stream	N			ICCD	40.4941597	-79.12158966
BCMS-204	800556	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek below Rummel Run		Stream	N			ICCD	40.47052002	-78.95104218
BCMS-205	800557	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek below the North and South Branch Confluence		Stream	N			ICCD	40.48373032	-78.92421722
BCMS-206	800555	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek, Bridge below Wehrum discharge (MB-4)		Stream	N			ICCD	40.45837021	-78.96341705
BCMS-207	800554	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek		Stream	N			ICCD	40.46712875	-79.00186157
BCMS-208	800553	Blacklick Creek - Main Stem	Blacklick Creek	Discharge Sample	Discharge Sample	Blacklick Creek	Discharge	N			ICCD	40.48033142	-79.04560089
BCMS-209	800552	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek at Heshbon		Stream	N			ICCD	40.47251129	-79.09662628
BCMS-210		Blacklick Creek - Main Stem	Blacklick Creek	Vintondale Discharge #2	Vintondale Discharge, North Branch Blacklick Creek at confluence with the South Branch		Discharge	Y			Stream Team	40.48387909	-78.92500305

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BCMS-212	3041900	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek at Claghorn, PA		Stream	N			USGS	40.49665833	-79.07499695
BCMS-214	4890	Blacklick Creek - Main Stem	Aulds Run	Virginian No. 14 Mine	Virginian No. 14 Mine, Aulds Run - Surface cuts, fill and Deep Mine (Appears seal collapsed - severe discharge)		Discharge	N		4890	PADER	40.47805405	-79.10388947
BCMS-215	MB-1	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek above Rummel Run	Collect above Rummel Run.Blacklick Creek above Rummel Run		Stream				IUP	40.48270035	-78.94139862
BCMS-216	MB-11	Blacklick Creek - Main Stem	Blacklick Creek	Oneida - Deep mine discharge	Oneida - Deep mine discharge		Discharge				IUP	40.48550034	-79.04239655
BCMS-217	MB-14	Blacklick Creek - Main Stem	Blacklick Creek	Discharge from refuse piles	Sample at pipe under railroad bed.AMD tributary from numerous refuse piles near the Buena Vista Furnace/Dias Tipple		Discharge				IUP	40.48239899	-79.05390167
BCMS-218	MB-15	Blacklick Creek - Main Stem	Blacklick Creek	Deep mine discharge at Heshbon	Coordinates were revised.At Heshbon - abandoned open deep mine entry upstream from town on B.Valley side		Discharge				IUP	40.47579956	-79.0911026
BCMS-220	MB-19	Blacklick Creek - Main Stem	Blacklick Creek	Refuse pile discharge at Hesbon	At Heshbon - Refuse Materials on Brushvalley Side (Crichton Mine/Tipple)		Stream				IUP	40.47109985	-79.11029816
BCMS-221	MB-2	Blacklick Creek - Main Stem	Rummel Run	Rummel Run at the mouth	Collect sample on Rummel Run before the confluence with Blacklick Cr.Rummel Run at the mouth		Stream				IUP	40.47140121	-78.93849945
BCMS-222	MB-23	Blacklick Creek - Main Stem	Blacklick Creek	Seeps near old strips, near Rte. 22 peak	Un-named trib from Rte. 22 peak, old strips near anticline - bad seeps, some wi/aluminum		Discharge				IUP	40.45709991	-79.11090088
BCMS-223	MB-26	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek at Bells Mills	Blacklick Creek at Bells Mills		Stream				IUP	40.47689819	-79.18640137
BCMS-224	MB-6	Blacklick Creek - Main Stem	Blacklick Creek	Discharge across stream from Scott Glen	Across stream from Scott Glen discharge (MB-7)		Discharge				IUP	40.47460175	-79.00319672
BCMS-225	MB-8	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek above Oneida Mine	Sample above Oneida Mine Blacklick Creek above Oneida Mine		Stream				IUP	40.47700119	-79.03710175
BCMS-226	MB-9	Blacklick Creek - Main Stem	Blacklick Creek	Aulds Run above Oneida	Clean stream sample above Oneida (Aulds Run)		Stream				IUP	40.48830032	-79.04239655
BCMS-227	BS-55	Blacklick Creek - Main Stem	Blacklick Creek	Seep	Seep		Seep	Y	32950101	BS-55	PADEP	40.48638153	-79.06804657
BCMS-228	BS-56	Blacklick Creek - Main Stem	Blacklick Creek	Seep	Seep		Seep	Y	32950101	BS-56	PADEP	40.48638153	-79.06749725
BCMS-229	MD-19	Blacklick Creek - Main Stem	Brush Creek	Mine Discharge	Mine Discharge		Discharge	Y	32950101	MD-19	PADEP	40.49000168	-79.07472229
BCMS-230	BS-51	Blacklick Creek - Main Stem	Blacklick Creek	Seep	Seep		Seep		32950101	BS-51	PADEP	40.48167038	-79.05222321
BCMS-231	MP-53	Blacklick Creek - Main Stem	Brush Creek	Brush Creek	Brush Creek		Stream		32950101	MP-53	PADEP	40.48806	-79.07584381
BCMS-232	MP-54	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek		Stream		32950101	MP-54	PADEP	40.48749924	-79.07639313
BCMS-233	SP-2	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek		Stream		32870102	SP-2	PADEP	40.47333145	-79.00444794
BCMS-234	SP-3	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek		Stream		32870102	SP-3	PADEP	40.47610855	-79.00971985
BCMS-235	SW-25	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek	Blacklick Creek		Stream		32880106	SW-25	PADEP	40.47750092	-79.03943634
BCMS-236	SW-26	Blacklick Creek - Main Stem	Blacklick Creek	Blacklick Creek, downstream	Blacklick Creek, downstream		Stream		32950101	SW-26	PADEP	40.48194885	-79.05500031

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BCMS-237	NB-7	Blacklick Creek - Main Stem	Blacklick Creek	NB Blacklick Creek at South Branch	North Branch Blacklick Creek at confluence with the South Branch		Stream	N			IUP	40.48410034	-78.92389679
BCMS-245	50-4	Blacklick Creek - Main Stem	Laurel Run	Second discharge below culvert.	Second discharge below culvert.		Discharge					40.49294662	-79.12250519
BCMS-246	50-4A	Blacklick Creek - Main Stem	Laurel Run	50-4 discharge before Laurel Run.	50-4 discharge before Laurel Run.		Discharge					40.49225998	-79.12158966
BCMS-247	50-5	Blacklick Creek - Main Stem	Laurel Run	Downstream of 50-4.	Downstream of 50-4.		Stream					40.49200439	-79.12124634
BCMS-248	50-6	Blacklick Creek - Main Stem	Laurel Run	upstream of 50-4.	upstream of 50-4.		Stream					40.49320221	-79.12127686
BCMS-249	50-9	Blacklick Creek - Main Stem	Laurel Run	Laurel Run; upstream of abandoned mine discharge 50-7	Laurel Run; upstream of abandoned mine discharge 50-7		Stream					40.51270676	-79.11508179
BCMS-250	10	Blacklick Creek - Main Stem	Blacklick Creek	Discharge at Wehrum	East bank of Blacklick Creek at Wehrum	South Branch Blacklick Creek	Discharge	N			BCWA	40.47102737	-78.94158936
BCMS-251		Blacklick Creek - Main Stem	Rummel Run	Artesian shaft north bank of Rummel Run	Artesian shaft located on north bank on Rummel Run approx. 1,000 ft. upstream from the confluence with Blacklick Creek.	South Branch Blacklick Creek	Seep	N			BCWA	40.47154236	-78.93929291
BCMS-252	MB-10	Blacklick Creek - Main Stem	Blacklick Creek	Deep Mine entry along Rte. 56	Deep Mine entry along Rte. 56 discharging (large volume, high load)		Discharge				IUP	40.48789978	-79.042099
BCNB-001		Blacklick Creek - North Branch	North Branch Blacklick Creek	RedMill Mine, Mine #16	Commercial Coal Mining Co. Mine #16 (Red Mill Mine)	North Branch Blacklick Creek	Discharge	N		80A	PADER	40.50722122	-78.90249634
BCNB-002	4A	Blacklick Creek - North Branch	North Branch Blacklick Creek	Refuse Pile	Refuse Pile	North Branch Blacklick Creek	Seep	N			BCWA	40.50772095	-78.90206146
BCNB-004		Blacklick Creek - North Branch	Walker Run	Discharge Walker Run	Discharge Walker Run	Walker Run	Discharge	N			BCWA	40.50532913	-78.89261627
BCNB-005	5	Blacklick Creek - North Branch	North Branch Blacklick Creek	Red Mill Mine & Refuse discharge	Red Mill Mine & Refuse - discharge and numerous seeps, boreholes in the middle of the stream dewatered Vintondale No. 6 and decreased flow	North Branch of Blacklick Creek	Discharge	N			BCWA	40.48437881	-78.92314148
BCNB-006	1	Blacklick Creek - North Branch	Elk Creek	Colver Mine	Colver Mine	Elk Creek	Discharge	N			BCWA	40.5442009	-78.79974365
BCNB-007	2	Blacklick Creek - North Branch	Elk Creek	Colver Refuse Piles #1	Colver Refuse Piles - Seep	Elk Creek	Seep	N			BCWA	40.54634094	-78.8052597
BCNB-008	1	Blacklick Creek - North Branch	Elk Creek	Colver Refuse Piles #2	Colver Refuse Piles - Seep	Elk Creek	Seep	N			BCWA	40.54859924	-78.80587769
BCNB-009	1	Blacklick Creek - North Branch	Elk Creek	Colver Refuse Piles #3	Colver Refuse Piles - Seep	Elk Creek	Seep	N			BCWA	40.54883957	-78.80963898
BCNB-010	1	Blacklick Creek - North Branch	Elk Creek	Refuse Pile seep	Refuse Pile seep, Colver Mine refuse piles along Elk Creek (associated buried seeps and springs)	Elk Creek	Seep	N			BCWA	40.55197906	-78.81286621
BCNB-011	3A	Blacklick Creek - North Branch	Crooked Run	Barns & Tucker Mine Treatment System	Barns & Tucker Mine Treatment System effluent (?)	Crooked Run	System	N			BCWA	40.55921173	-78.84532928
BCNB-012	3B	Blacklick Creek - North Branch	Elk Creek	Eastern Coal Mine Treatment System	Eastern Coal Mine Treatment System effluent (?)	Elk Creek	System	N			BCWA	40.54616165	-78.85006714
BCNB-013	17	Blacklick Creek - North Branch	California Run	Mouth of California Run	On Priesser Rd near bridge before intersection with Snake Road. Sample upstream of the bridge.		Stream	Y			PADEP	40.55379868	-78.81487274
BCNB-015	14	Blacklick Creek - North Branch	Crooked Run	Mouth of Crooked Run	Below Barnes & Tuckers treatment plant; very swampy		Stream	Y			PADEP	40.55054855	-78.84411621
BCNB-016	15	Blacklick Creek - North Branch	Crooked Run	Upstream of Crooked Run	Sample below the discharge from the Duman Lake at the Duman Park		Stream	Y			PADEP	40.56879044	-78.83757782

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BCNB-017	10	Blacklick Creek - North Branch	Elk Creek	Mouth of Elk Creek	Before it meets North Branch of Blacklick Creek. Off of 422 to Vic Miller Rd		Stream	Y			PADEP	40.52867126	-78.88796997
BCNB-018	12	Blacklick Creek - North Branch	Elk Creek	Below Eastern Associated Coal Corp.	Below EA Coal Corp. Plant, take roads to back of prop, sample after outflow enters stream.		Stream	Y			PADEP	40.54528046	-78.84844208
BCNB-019	13	Blacklick Creek - North Branch	Elk Creek	Above Eastern Associated Coal Corp.	Above EA Coal Corp. Plant, to left of prop, Little gate across the stream, sample above the bridge.		Stream	Y			PADEP	40.54761887	-78.84871674
BCNB-021	19	Blacklick Creek - North Branch	Elk Creek	Above Colver refuse pile	Upstream of Elk Creek, Take haul road to the bridge with a flume and sample above the bridge.		Stream	Y			PADEP	40.54161072	-78.80049896
BCNB-025	50	Blacklick Creek - North Branch	North Branch Blacklick Creek	North Branch Twolick Creek	North Branch Blacklick Creek		Stream	N			ICCD	40.50925827	-78.90293884
BCNB-027	52	Blacklick Creek - North Branch	North Branch Blacklick Creek	North Branch Twolick Creek	North Branch Blacklick Creek		Stream	N			ICCD	40.50579834	-78.9047699
BCNB-028	101034	Blacklick Creek - North Branch	Carney Run	Carney Run	Carney Run		Stream	N			ICCD	40.5611496	-78.91678619
BCNB-029		Blacklick Creek - North Branch	North Branch Blacklick Creek	North Branch	North Branch		Stream	Y			Stream Team	40.48416138	-78.92333221
BCNB-030	11	Blacklick Creek - North Branch	Little Elk Creek	Mouth of Little Elk Creek	Off of 271 to haul road crosses this trib, sample near bridge that is railroad linked.		Stream	N			PADEP	40.53612137	-78.86255646
BCNB-032	NB-4	Blacklick Creek - North Branch	North Branch Blacklick Creek	NB Blacklick Creek above Red Mill discharge	Collected before the Red Mill discharge. North Branch Blacklick Creek above the Red Mill discharge		Stream				IUP	40.51229858	-78.90309906
BCNB-037	18	Blacklick Creek - North Branch	Elk Creek	Below Colver refuse pile	At Priesser crossing, sample opposite side of bridge as California Run.		Stream	Y			PADEP	40.55167007	-78.81340027
BCNB-038	16	Blacklick Creek - North Branch	Elk Creek	Mouth of Crooked Run #2	Right above the stream where Crooked Run joins Elk Creek		Stream	Y			PADEP	40.55020142	-78.84365845
BCNB-039	NB-3	Blacklick Creek - North Branch	Elk Creek	Elk Creek before NB Blacklick	Collected from Elk Cr. between the treatment plants and the confluence with North Branch. Elk Creek below treatment plant		Stream				IUP	40.53720093	-78.86370087
BCSB-001		Blacklick Creek - South Branch	South Branch Blacklick Creek	Vinton - Colliers Mine No. 6	Vinton - Colliers Mine No. 6	South Branch Blacklick Creek	Discharge	N		106B	PADER	40.48083115	-78.9091568
BCSB-002		Blacklick Creek - South Branch	South Branch Blacklick Creek	Nanty Glo Mine No. 1 #1	Nanty Glo Mine No. 1		Discharge	N		111A	PADER	40.48500061	-78.86054993
BCSB-003		Blacklick Creek - South Branch	South Branch Blacklick Creek	Nanty Glo Mine No. 1 #2	Nanty Glo Mine No. 1		Discharge	N		111B	PADER	40.48332977	-78.86138153
BCSB-004		Blacklick Creek - South Branch	South Branch Blacklick Creek	Nanty Glo Mine No. 1 #3	Nanty Glo Mine No. 1		Discharge	N		111C	PADER	40.48360825	-78.86193848
BCSB-005		Blacklick Creek - South Branch	South Branch Blacklick Creek	Nanty Glo Mine No. 1 #4	Nanty Glo Mine No. 1		Discharge	N		111D	PADER	40.48387909	-78.86332703
BCSB-006		Blacklick Creek - South Branch		Discharge	Discharge	Coal Pit Run	Discharge	N		112A	PADER		
BCSB-007		Blacklick Creek - South Branch	Coal Pit Run	Imperial Cardiff Coal Co. #1	Imperial Cardiff Coal Co.	Coal Pit Run	Discharge	N		114A	PADER	40.49861145	-78.8327713
BCSB-008		Blacklick Creek - South Branch	Coal Pit Run	Imperial Cardiff Coal Co. #2	Imperial Cardiff Coal Co.	Coal Pit Run	Discharge	N		114B	PADER	40.49832916	-78.83361053
BCSB-009		Blacklick Creek - South Branch	Coal Pit Run	Drift Waste Dump Seep	Drift Waste Dump Seep	Coal Pit Run	Seep	N		114C	PADER	40.49887848	-78.83721924
BCSB-010		Blacklick Creek - South Branch	South Branch Blacklick Creek	Drift Mine	Drift Mine	Unnamed Tributary to South Branch Blacklick Creek	Discharge	N		115A	PADER	40.47193909	-78.86387634

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

SAMPLE POINT	CORRESPONDING SAMPLE ID	MAJOR WATERSHED	SUB WATERSHED	SAMPLE POINT NAME	DESCRIPTION	RECEIVING STREAM	PRIMARY TYPE	MONITORED	DEP PERMIT	DEP POINT	DATA SOURCE	LATITUDE	LONGITUDE
BCSB-011		Blacklick Creek - South Branch	South Branch Blacklick Creek	Nantv Glo Mine No. 1 #5	Nantv Glo Mine No. 1	Unnamed Tributary to South Branch Blacklick Creek	Discharge	N		117A	PADER	40.47304916	-78.84944153
BCSB-013		Blacklick Creek - South Branch	South Branch Blacklick Creek	Artesian Discharge Point	Artesian Discharge Point		Discharge	N		120A	PADER	40.46776962	-78.8347168
BCSB-014		Blacklick Creek - South Branch	South Branch Blacklick Creek	Vinton No. 3 Mine	Vinton No. 3 Mine, East side of the So. Branch Blacklick Creek, east of Vintondale, approx. 1,200 ft. from creek	South Branch Blacklick Creek	Discharge	N		4542	PADER	40.4830513	-78.90332794
BCSB-015		Blacklick Creek - South Branch	Shuman Run	Vinton No. 2 Mine	Vinton No. 2 Mine	South Branch Blacklick Creek	Discharge	N		4750	PADER	40.47637939	-78.91027069
BCSB-016		Blacklick Creek - South Branch	South Branch Blacklick Creek	2 Drift Mine	2 Drift Mine	South Branch Blacklick Creek	Discharge	N		4794	PADER	40.47777176	-78.90833282
BCSB-017		Blacklick Creek - South Branch	South Branch Blacklick Creek	Drift Mine	Drift Mine, Laurel Land Dev.-Lower Kittanning deep mine discharge	Unnamed Tributary to South Branch Blacklick Creek	Discharge	N		4797	PADER	40.46165848	-78.8758316
BCSB-018		Blacklick Creek - South Branch	South Branch Blacklick Creek	Commercial No. 16 Mine	Commercial No. 16 Mine	South Branch Blacklick Creek	Discharge	N		4798	PADER	40.48833084	-78.90833282
BCSB-019		Blacklick Creek - South Branch	South Branch Blacklick Creek	Mine Waste Dump Seepage	Mine Waste Dump Seepage	South Branch Blacklick Creek	Seep	N		5039	PADER	40.46500015	-78.83083344
BCSB-020		Blacklick Creek - South Branch	South Branch Blacklick Creek	Mine Waste Dump Seepage	Mine Waste Dump Seepage	South Branch Blacklick Creek	Seep	N		5040	PADER	40.46472168	-78.82943726
BCSB-021		Blacklick Creek - South Branch	South Branch Blacklick Creek	Ivory Hill Mine	Ivory Hill Mine	South Branch Blacklick Creek	Discharge	N		5043	PADER	40.46611023	-78.82637787
BCSB-022		Blacklick Creek - South Branch	South Branch Blacklick Creek	Ivory Hill Mine	Ivory Hill Mine	South Branch Blacklick Creek	Seep	N		5043A	PADER	40.46665955	-78.82694244
BCSB-023		Blacklick Creek - South Branch	South Branch Blacklick Creek	Contaminated Spring	Contaminated Spring		Discharge	N		5076	PADER	40.46221924	-78.8355484
BCSB-025		Blacklick Creek - South Branch	Coal Pit Run	Twin Rocks Mine	Twin Rocks Mine	Unnamed Tributary to South Branch Blacklick Creek	Discharge	N		5081	PADER	40.50387955	-78.85887909
BCSB-028	8	Blacklick Creek - South Branch	Coal Pit Run	Refuse pile from Imperial Cardiff Mine and Strip Mine	Refuse pile from Imperial Cardiff Mine and Strip Mine, Orange upwelling on west bank of stream associated with 24-inch cmp	Coal Pit Run	Discharge	N			BCWA	40.49805069	-78.83499908
BCSB-035	11A	Blacklick Creek - South Branch	Bracken Run	Discharge along SB Blacklick	On the north side of So. Branch Blacklick Creek approx. 2 mi. upstream from Vintondale.	South Branch Blacklick Creek	Discharge	N			BCWA	40.47127914	-78.89440918
BCSB-038	14	Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge along SB Blacklick	North side of Creek across from Vintondale, north side of bike trail.	North Branch Blacklick Creek	Discharge	N			BCWA	40.48160172	-78.91137695
BCSB-039	13	Blacklick Creek - South Branch	Shuman Run	Seep discharge along Suman Run	Along Shuman Run approx. 3000 ft. upstream from confluence with So. Branch Blacklick Creek.	Shuman Run	Seep	N			BCWA	40.46485138	-78.90326691
BCSB-040	9	Blacklick Creek - South Branch	South Branch Blacklick Creek	Bracken Dip Refuse Piles	Bracken Dip Refuse Piles	South Branch Blacklick Creek	Seep	N			BCWA	40.4830513	-78.89087677
BCSB-041	7	Blacklick Creek - South Branch	South Branch Blacklick Creek	Revloc Refuse Pile #1	South side of Rt. 422 east of Revloc	South Branch Blacklick Creek	Seep	N			BCWA	40.4896698	-78.75778198
BCSB-042	7	Blacklick Creek - South Branch	South Branch Blacklick Creek	Revloc Refuse Pile #2	South side of Rt. 422 east of Revloc	South Branch Blacklick Creek	Seep	N			BCWA	40.48926926	-78.75837708
BCSB-043	7	Blacklick Creek - South Branch	South Branch Blacklick Creek	Revloc Refuse Pile #3	South side of Rt. 422 east of Revloc	South Branch Blacklick Creek	Seep	N			BCWA	40.4885788	-78.75892639
BCSB-045	7	Blacklick Creek - South Branch	South Branch Blacklick Creek	Revloc Refuse Pile #5	South side of Rt. 422 east of Revloc	South Branch Blacklick Creek	Seep	N			BCWA	40.48746872	-78.76081848
BCSB-046		Blacklick Creek - South Branch	South Branch Blacklick Creek	Nantv-Glo STP	Nantv-Glo STP	South Branch Blacklick Creek	STP Discharge	N			BCWA	40.47468185	-78.77722931

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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BCSB-047		Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge	Discharge	Un-named Tributary to South Branch Blacklick Creek	Discharge	N			BCWA	40.45827103	-78.82718658
BCSB-048	6B	Blacklick Creek - South Branch	South Branch Blacklick Creek	Refuse Pile	Refuse Pile	Pergrin Run	Seep	N			BCWA	40.46015167	-78.83943939
BCSB-049	6A	Blacklick Creek - South Branch	South Branch Blacklick Creek	Refuse Pile	Refuse Pile	Pergrin Run	Seep	N			BCWA	40.4663887	-78.83618927
BCSB-051	30	Blacklick Creek - South Branch	South Branch Blacklick Creek	Mouth of SBBC	North stream, 3 wells in middle of the stream, sample opposite side of bridge to the left.		Stream	Y			PADEP	40.48302841	-78.92295837
BCSB-052	33	Blacklick Creek - South Branch	South Branch Blacklick Creek	Blacklick before Coal Pit Run	Park near VFW on Flat Rd off of 271 Laurel Land Dev.-SBBC Upstream		Stream	Y			PADEP	40.49546814	-78.86737823
BCSB-053	34	Blacklick Creek - South Branch	South Branch Blacklick Creek	Below Pergrin Run and Webster discharge	On Blacklick, off of 1st St near the Fire Station, SBBC downstream of confluence with Pergrin Run,Smith Energy-SBBS below Pergrin Run		Stream	Y			PADEP	40.47130966	-78.83599091
BCSB-054	36	Blacklick Creek - South Branch	South Branch Blacklick Creek	Below Mine 31 AMD treatment plant	Along mud road (Pergrin Run Sample Location), on the left of the road after a trib joins Blacklick		Stream	Y			PADEP	40.46044922	-78.82617188
BCSB-055	37	Blacklick Creek - South Branch	South Branch Blacklick Creek	Above Mine 31 AMD treatment plant	Below Stewart Rrun. Walk up the trail in the woods. Sample right above a Little trib.		Stream	Y			PADEP	40.45965958	-78.82446289
BCSB-056	39	Blacklick Creek - South Branch	South Branch Blacklick Creek	Below Beth NRG Mines Inc. Treat. Facility.	Sample downstream from the discharge of AMD treatment plant.		Stream	Y			PADEP	40.4742012	-78.77871704
BCSB-057	40	Blacklick Creek - South Branch	South Branch Blacklick Creek	Above Beth NRG Mines Inc. Treat. Facility.	Intersection of Beulard Rd and Allie Buck Rd, sample down the road (bridge).,SBBC at first bridge downstream of Williams Run		Stream	Y			PADEP	40.47603989	-78.77552795
BCSB-058	42	Blacklick Creek - South Branch	South Branch Blacklick Creek	Below Revloc refuse piles	Take Bethlehem rd. in Revloc across bridge, sample near square block downstream, EBG Power-SBBC below site		Stream	Y			PADEP	40.48664093	-78.76265717
BCSB-059	44	Blacklick Creek - South Branch	South Branch Blacklick Creek	Above Revloc refuse piles	Upstream of S.Blacklick, just off of 422 exiting from 219, sample in through BT tire/Auto, EBG Power-SBBC upstream		Stream	Y			PADEP	40.49132156	-78.75250244
BCSB-060	43	Blacklick Creek - South Branch	South Branch Blacklick Creek	Unnamed Trib along 422N	Trib along 422N before Hudson Rd to Revloc, sample a Little below the fence.		Stream	Y			PADEP	40.49333954	-78.75980377
BCSB-061	31	Blacklick Creek - South Branch	South Branch Blacklick Creek	Mouth of Bracken Run	Plank Rd before Maple St, on left side of the road, sample above the sewage discharge		Stream	Y			PADEP	40.47866058	-78.90602112
BCSB-064	10	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 10	mine discharge flowing through center of refuse pile, collected where it enters stream	Coal Pit Run	Discharge	Y		10	PADEP Mining	40.50027084	-78.85443878
BCSB-065	12	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 12	Combined deep mine discharges above the railroad crossing at western end of refuse pile. Same water as point 8	Coal Pit Run	Discharge	Y		12	PADEP Mining	40.49972153	-78.85388184
BCSB-066	13	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 13	deep mine discharges entering Coal Pit Run from south. Just upstream of triple culvert	Coal Pit Run	Discharge	Y		13	PADEP Mining	40.50027084	-78.85250092
BCSB-067	14	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run Site 14	Coal Pit Run immediately above number 13		Stream	Y		14	PADEP Mining	40.50027084	-78.85221863

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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BCSB-068	15	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 15	deep mine discharges at railroad bed. Same water as Point 13	Coal Pit Run	Discharge	Y		15	PADEP Mining	40.49972153	-78.84944153
BCSB-069	16	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 16	Discharge from reclaimed refuse area, where it enters spring at railroad culvert. Same water as Smith Energy H10	Coal Pit Run	Discharge	Y		16	PADEP Mining	40.49861145	-78.83693695
BCSB-070	17	Blacklick Creek - South Branch	Coal Pit Run	Tributary to Coal Pit Run Site 17	Unnamed tributary to Coal Pit Run about 75 feet upstream of mouth		Stream	Y		17	PADEP Mining	40.49750137	-78.83638
BCSB-071	18	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run Site 18	Coal Pit Run at Expedite Road crossing, upstream side, Laurel Land Dev.-Coal Pit Run, upstream		Stream	Y		18	PADEP Mining	40.49721909	-78.83583069
BCSB-072	19	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 19	Discharge on east bank of stream near concrete wall	Coal Pit Run	Discharge	Y		19	PADEP Mining	40.4977684	-78.83527374
BCSB-074	20	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 20	Orange upwelling on west bank of stream associated with 24-inch cmp	Coal Pit Run	Discharge	Y		20	PADEP Mining	40.49805069	-78.83499908
BCSB-075	21	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 21	Deep mine discharge at weir on east bank of stream. Proposed growing greener point	Coal Pit Run	Discharge	Y		21	PADEP Mining	40.49916077	-78.83165741
BCSB-076	22	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run Site 22	Coal Pit Run about 200 feet upstream of number 21		Stream	Y		22	PADEP Mining	40.49972153	-78.83110809
BCSB-077	3	Blacklick Creek - South Branch	Coal Pit Run	Tributary to Coal Pit Run Site 3	Tributary to Coal Pit Run, flowing in from north		Stream	Y		3	PADEP Mining	40.5	-78.86193848
BCSB-078	4	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run Site 4	Coal Pit Run about 75 feet downstream from number		Stream	Y		4	PADEP Mining	40.49972153	-78.86026764
BCSB-079	5	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharges to CPR Site 5	Combination of discharges 1, 1A, & 1B of SMP 11960108, collected at entry into Coal Pit Run at pipeline crossing	Coal Pit Run	Discharge	Y		5	PADEP Mining	40.49972153	-78.86000061
BCSB-080	6	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharges to CPR Site 6	Combination of discharges 1, 1A, & 1B 60 feet east of collapsing culvert under railroad grade	Coal Pit Run	Discharge	Y		6	PADEP Mining	40.49916077	-78.85887909
BCSB-081	7	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharges to CPR Site 7	Deep mine discharge where it enters Coal Pit Run from the north, located behind ball field. (Appears to be a trib.)	Coal Pit Run	Discharge	Y		7	PADEP Mining	40.5	-78.85804749
BCSB-082	8	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharges to CPR Site 8	Combination of discharges from south side of stream at discharge point to stream	Coal Pit Run	Discharge	Y		8	PADEP Mining	40.49972153	-78.85749817
BCSB-083	9	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharges to CPR Site 9	Deep mine discharge on north side of stream near entry. Same water as point 7	Coal Pit Run	Discharge	Y		9	PADEP Mining	40.5008316	-78.85415649
BCSB-084	900442	Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge Sample	Discharge Sample	South Branch Blacklick Creek	Discharge	N			ICCD	40.48440933	-78.92006683
BCSB-087		Blacklick Creek - South Branch	South Branch Blacklick Creek	Vintondale Discharge #1	Vintondale Discharge	North Branch Blacklick Creek	Discharge	Y			Stream Team	40.48387909	-78.90693665
BCSB-088	35	Blacklick Creek - South Branch	South Branch Blacklick Creek	Pergrin Run	Left at Wolf Pack Pizza (if S271) on mud road, sample above the road below Car Wash, Smith Energy-Pergrin Run below the Webster discharge, Smith Energy-Pergrin Run below the Webster discharge		Stream	Y			PADEP	40.4680481	-78.83467865
BCSB-089	4	Blacklick Creek - South Branch	Coal Pit Run	Seep from Spoil	Laurel Land Dev.-Seep from Spoil	Coal Pit Run	Seep	Y	SMP11860101	4	PADEP-BAMR	40.49832916	-78.83721924
BCSB-090		Blacklick Creek - South Branch	South Branch Blacklick Creek	Coal Pit Run - downstream	T. J. Mining-Coal Pit Run - downstream	Coal Pit Run	Stream	Y	SMP11890102		PADEP-BAMR	40.48332977	-78.85582733

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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BCSB-092		Blacklick Creek - South Branch	Coal Pit Run	Lower Kittanning Deep Mine Discharge- northern permit area	T. J. Mining-Lower Kittanning Deep Mine Discharge- northern permit area	Coal Pit Run	Discharge	Y	SMP11890102		PADEP-BAMR	40.49916077	-78.84471893
BCSB-095	10	Blacklick Creek - South Branch	Coal Pit Run	Discharge #1	Laurel Land Dev.-Deep Mine Discharge	Coal Pit Run	Discharge	Y	SMP11860101	10	PADEP-BAMR		
BCSB-096	1	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run Down Stream	Laurel Land Dev.-Coal Pit Run Down Stream	Coal Pit Run	Stream	Y	SMP11860101	1	PADEP-BAMR	40.49972153	-78.84165955
BCSB-097	7	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run Upstream	Laurel Land Dev.-Coal Pit Run Upstream		Stream	Y	SMP11860101	7	PADEP-BAMR	40.49887848	-78.81971741
BCSB-098	8	Blacklick Creek - South Branch	Coal Pit Run	Griffittown Reservoir	Laurel Land Dev.-Griffittown Reservoir		Stream	Y	SMP11860101	8	PADEP-BAMR	40.50444031	-78.84333038
BCSB-099	4(A)	Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge #2	EBG Power-Discharge	South Branch Blacklick Creek	Discharge	Y	SMP11880201	4(A)	PADEP-BAMR	40.48749924	-78.75943756
BCSB-100	4(B)	Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge #3	EBG Power-Discharge	South Branch Blacklick Creek	Discharge	Y	SMP11880201	4(B)	PADEP-BAMR	40.48749924	-78.75943756
BCSB-101	6	Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge #4	EBG Power-AMD Discharge, South side of Rt. 422 east of Revloc	South Branch Blacklick Creek	Discharge	Y	SMP11880201	6	PADEP-BAMR	40.48804855	-78.7591629
BCSB-105	4	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run downstream	Laurel Land Dev.-Coal Pit Run downstream		Stream	Y	SMP11920110	4	PADEP-BAMR	40.50111008	-78.85916138
BCSB-107	92-12	Blacklick Creek - South Branch	South Branch Blacklick Creek	Unnamed tributary to SBBC	Laurel Land Dev.-Unnamed tributary to SBBC		Stream	Y	SMP11920110	92-12	PADEP-BAMR	40.4941597	-78.85916138
BCSB-108	1	Blacklick Creek - South Branch	Coal Pit Run	Seep Northern Area #2	Laurel Land Dev.-L. K. seep northern section of permit	Coal Pit Run	Seep	Y	SMP11960108	1	PADEP-BAMR	40.49887848	-78.85777283
BCSB-109	1A	Blacklick Creek - South Branch	Coal Pit Run	Seep Northern Area #3	Laurel Land Dev.-L. K. seep northern section of permit	Coal Pit Run	Seep	Y	SMP11960108	1A	PADEP-BAMR	40.49887848	-78.85777283
BCSB-110	1B	Blacklick Creek - South Branch	Coal Pit Run	Seep Northeast Area #1	Laurel Land Dev.-L. K. seep northeast section of permit	Coal Pit Run	Seep	Y	SMP11960108	1B	PADEP-BAMR	40.49916077	-78.85722351
BCSB-111	3	Blacklick Creek - South Branch	Coal Pit Run	Seep Northeast Area #2	Laurel Land Dev.-L. K. seep northeast of permit	Coal Pit Run	Seep	Y	SMP11960108	3	PADEP-BAMR	40.49887848	-78.85610962
BCSB-112	21	Blacklick Creek - South Branch	Coal Pit Run	Deep Mine West Area	Laurel Land Dev.-LK deep mine discharge MP-21 of SMP# 11960108 at 4" white PVC pipe, at base of railroad grade CPR Site 2	Coal Pit Run	Discharge	Y	SMP11960108	21	PADEP-BAMR	40.49694061	-78.86499786
BCSB-113	12	Blacklick Creek - South Branch	South Branch Blacklick Creek	Unnamed Trib. To SBBC	Laurel Land Dev.-Unnamed Trib. To SBBC		Stream	Y	SMP11960108	12	PADEP-BAMR	40.49277115	-78.86277008
BCSB-115	61A	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run Upstream	Laurel Land Dev.-Coal Pit Run Upstream		Stream	Y	SMP11960108	61A	PADEP-BAMR	40.5	-78.85916138
BCSB-116	62	Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC Downstream	Laurel Land Dev.-SBBC Downstream		Stream	Y	SMP11960108	62	PADEP-BAMR	40.49665833	-78.86833191
BCSB-119	7	Blacklick Creek - South Branch	South Branch Blacklick Creek	Seep Into Culvert	Smith Energy-Seep flow into culvert, SE corner of site	Pergrin Run	Seep	Y	SMP11960201	7	PADEP-BAMR	40.46332932	-78.83693695
BCSB-123	5	Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC above Nanty Glo Mine 31 refuse	Smith Energy-SBBC above NantyGlow Mine 31 refuse		Stream	Y	SMP11960201	5	PADEP-BAMR	40.46665955	-78.83305359
BCSB-124	R2-A	Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge #6	EBG Power-AMD Discharge	Pergrin Run	Discharge	Y	SMP11960202	R2-A	PADEP-BAMR	40.48971939	-78.75554657
BCSB-125	R2-B	Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge #7	EBG Power-AMD Discharge	Pergrin Run	Discharge	Y	SMP11960202	R2-B	PADEP-BAMR	40.49000168	-78.75554657
BCSB-126	3	Blacklick Creek - South Branch	South Branch Blacklick Creek	Impoundment Discharge	Laurel Land Dev.-Impoundment Discharge, western half of permit	Unnamed Tributary to South Branch Blacklick Creek	Discharge	Y	SMP11970106	3	PADEP-BAMR	40.46472168	-78.87944031
BCSB-128	5	Blacklick Creek - South Branch	Coal Pit Run	LK Deep Mine Northern Area #1	Laurel Land Dev.-L. K. deep mine discharge, northern permit area	Coal Pit Run	Discharge	Y	Pre-application	5	PADEP-BAMR	40.49887848	-78.85083008

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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BCSB-129	5A	Blacklick Creek - South Branch	Coal Pit Run	Seep Northern Area #1	Laurel Land Dev.-L.K. seep northern section of permit	Coal Pit Run	Discharge	Y	Pre-application	5A	PADEP-BAMR	40.49861145	-78.85137939
BCSB-130	6	Blacklick Creek - South Branch	Coal Pit Run	Deep mine Northern Area #2	Laurel Land Dev.-L.K. deep mine discharge, northern permit area	Coal Pit Run	Discharge	Y	Pre-application	6	PADEP-BAMR	40.49887848	-78.85276794
BCSB-131	6A	Blacklick Creek - South Branch	Coal Pit Run	Deep Mine Northern Area #3	Laurel Land Dev.-L. K. deep mine discharge, northern permit area	Coal Pit Run	Discharge	Y	Pre-application	6A	PADEP-BAMR	40.49805069	-78.85360718
BCSB-132	35	Blacklick Creek - South Branch	Coal Pit Run	Deep Mine Northern Area #4	Laurel Land Dev.-L. K. deep mine discharge, northern permit area	Coal Pit Run	Discharge	Y	Pre-application	35	PADEP-BAMR	40.49916077	-78.84610748
BCSB-133	57	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run, upstream	Laurel Land Dev.-Coal Pit Run, upstream		Stream	Y	Pre-application	57	PADEP-BAMR	40.49750137	-78.8355484
BCSB-134	64	Blacklick Creek - South Branch	South Branch Blacklick Creek	Coal Pit Run, upstream	Laurel Land Dev.-Coal Pit Run, upstream		Stream	Y	Pre-application	64	PADEP-BAMR	40.48194122	-78.84555054
BCSB-135	65	Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC Upstream	Laurel Land Dev.-SBBC Upstream		Stream	Y	Pre-application	65	PADEP-BAMR	40.48138046	-78.84526825
BCSB-136	1	Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC, S.W. of permit, downstream	MB Energy-SBBC, S.W. of permit, downstream		Stream	Y	SMP11970104	1	PADEP-BAMR	40.4858284	-78.90583038
BCSB-137	3	Blacklick Creek - South Branch	South Branch Blacklick Creek	Unnamed Trib. To SBBC, south of permit	MB Energy-Unnamed Trib. To SBBC, south of permit		Stream	Y	SMP11970104	3	PADEP-BAMR	40.48360825	-78.89305115
BCSB-138	8	Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC, S.E. of permit, upstream	MB Energy-SBBC, S.E. of permit, upstream		Stream	Y	SMP11970104	8	PADEP-BAMR	40.49111176	-78.86387634
BCSB-139	9	Blacklick Creek - South Branch	South Branch Blacklick Creek	Artesian well, located outside of S. central permit	MB Energy-Artesian well, located outside of S. central permit		Discharge	Y	SMP11970104	9	PADEP-BAMR	40.48527145	-78.89221954
BCSB-140	17	Blacklick Creek - South Branch	South Branch Blacklick Creek	Unnamed trib.SBBC S. of permit, downstream	MB Energy-Unnamed trib.SBBC S. of permit, downstream		Stream	Y	SMP11970104	17	PADEP-BAMR	40.48722076	-78.89637756
BCSB-141	21	Blacklick Creek - South Branch	South Branch Blacklick Creek	Unnamed trib.SBBC S. of permit, downstream	MB Energy-Unnamed trib.SBBC S. of permit, downstream		Stream	Y	SMP11970104	21	PADEP-BAMR	40.48693848	-78.88166046
BCSB-142	38	Blacklick Creek - South Branch	Stewart Run	Mouth of Stewart Run	Sample on Stewart before it joins Blacklick. Marshy area around the stream.		Stream	Y			PADEP	40.45822144	-78.822258
BCSB-143	3041800	Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC Vintondale	South Branch Blacklick Creek at Vintondale, PA		Stream	N			USGS	40.48110962	-78.91832733
BCSB-144	41	Blacklick Creek - South Branch	WILLIAMS RUN	Mouth of Williams Run	Take train bed at Revloc Municipal Plant up to an old bridge, sample near mouth.		Stream	Y			PADEP	40.48171997	-78.77220154
BCSB-145	a	Blacklick Creek - South Branch	South Branch Blacklick Creek	Webster Mine discharge	Webster Mine discharge in Nanty Glo,Penna. Coal & Coke Co. - Webster No. 14 Mine,Smith Energy-Webster Mine Discharge	South Branch Blacklick Creek	Discharge	N		WM-01	ACOE	40.46583176	-78.83611298
BCSB-146		Blacklick Creek - South Branch	South Branch Blacklick Creek	Pergrin Run #1	Pergrin Run upstream of Webster discharge,Smith Energy-Pergrin Run above the Webster discharge		Stream	N		WM-03	ACOE	40.46305084	-78.83721924
BCSB-148		Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC #2	SBBC, upstream of treated Bethlehem mine discharge		Stream	N		WM-07	ACOE	40.46026993	-78.81887817
BCSB-150		Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC #4	SBBC at bridge S.E. of Twin Rocks		Stream	N		WM-11	ACOE	40.49000168	-78.86277008
BCSB-151		Blacklick Creek - South Branch	Stewart Run	Steward Run	Steward Run at Rt. 22, east of Mundys Corner		Stream	N		WM-16	ACOE	40.44665909	-78.79915619
BCSB-152		Blacklick Creek - South Branch	South Branch Blacklick Creek	Pergrin Run #2	Pergrin Run upstream of Lorraine Refuse Pile		Stream	N		WM-18	ACOE	40.45832825	-78.84165955

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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BCSB-153		Blacklick Creek - South Branch	South Branch Blacklick Creek	SBBC #6	SBBC upstream of Bethenergy Mines #31 refuse pile		Stream	N		WM-19	ACOE	40.46443939	-78.82833099
BCSB-155	11B	Blacklick Creek - South Branch	Bracken Run	Discharge along Bracken Run	North side of Bracken Run, approx. 1300 ft. upstream from the confluence with So. Branch Blacklick Creek	Bracken Run	Discharge	N			BCWA	40.47652054	-78.90363312
BCSB-157	5	Blacklick Creek - South Branch	Coal Pit Run	Deep Mine Discharge	Deep Mine Discharge, T. J. Mining-Lower Kittanning Deep Mine Discharge		Discharge		11890102	5	PADEP	40.49888992	-78.85166931
BCSB-158	6	Blacklick Creek - South Branch	Coal Pit Run	Deep Mine Discharge	Deep Mine Discharge, T. J. Mining-Lower Kittanning Deep Mine Discharge-northern permit area		Discharge		11890102	6	PADEP	40.4991684	-78.85360718
BCSB-159	H-10	Blacklick Creek - South Branch	Coal Pit Run	Seep	Seep		Discharge		11980202	H-10	PADEP	40.49832916	-78.83638763
BCSB-160	H-11	Blacklick Creek - South Branch	Coal Pit Run	Seep	Seep		Discharge		11980202	H-11	PADEP	40.49888992	-78.83693695
BCSB-161	H-2	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run	Coal Pit Run		Stream		11980202	H-2	PADEP	40.49721909	-78.83611298
BCSB-163	MP-10	Blacklick Creek - South Branch	Bracken Run	Bracken Run	Bracken Run		Stream		11970106	MP-10	PADEP	40.46722031	-78.88583374
BCSB-164	MP-14	Blacklick Creek - South Branch	South Branch Blacklick Creek	Discharge	Discharge		Discharge		11970106	MP-14	PADEP	40.46583176	-78.875
BCSB-165	MP-61	Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run	Coal Pit Run about 100 feet upstream South Branch Blacklick, and about 50 feet upstream of stone abutment, Sample before Coalpit meets up with Blacklick CPR Site 1		Stream		11960108	MP-61	PADEP	40.49610901	-78.86750031
BCSB-166	001	Blacklick Creek - South Branch	South Branch Blacklick Creek	Monitoring point stream	Nanty Glo Refuse Site, monitoring point stream		Stream		11960201	001	PADEP	40.46805573	-78.83778381
BCSB-167	001	Blacklick Creek - South Branch	Coal Pit Run	Monitoring point stream	McFadden No. 1 Mine, monitoring point stream		Stream		11960108	001	PADEP	40.49861145	-78.85973358
BCSB-168	002	Blacklick Creek - South Branch	Coal Pit Run	Discharge from sediment pond	McFadden No. 1 Mine, discharge from sediment pond		Sed Pond Discharge		11960108	002	PADEP	40.49888992	-78.8602829
BCSB-169	2	Blacklick Creek - South Branch	Coal Pit Run	TJ No. 1	TJ No. 1		Stream		11890102	2	PADEP	40.5	-78.85582733
BCSB-170	7	Blacklick Creek - South Branch	Coal Pit Run	TJ No. 1	TJ No. 1		Stream		11890102	7	PADEP	40.4972229	-78.83611298
BCSB-171	8	Blacklick Creek - South Branch	South Branch Blacklick Creek	Revloc Refuse Site	Revloc Refuse Site		Stream		11880201	8	PADEP	40.49166489	-78.7583313
BCSB-172	MP18	Blacklick Creek - South Branch	South Branch Blacklick Creek	State Gamelands No. 79 Mine	State Gamelands No. 79 Mine		Stream		11970104	MP18	PADEP	40.49388885	-78.875
BCSB-173	MP18	Blacklick Creek - South Branch	Coal Pit Run	McFadden No. 1 Mine	McFadden No. 1 Mine		Stream		11960108	MP18	PADEP	40.49888992	-78.86083221
BCSB-174	MP19	Blacklick Creek - South Branch	South Branch Blacklick Creek	State Gamelands No. 79 Mine	State Gamelands No. 79 Mine		Stream		11970104	MP19	PADEP	40.49222183	-78.8786087
BCSB-175	MP20	Blacklick Creek - South Branch	Coal Pit Run	McFadden No. 1 Mine	McFadden No. 1 Mine		Stream		11960108	MP20	PADEP	40.49777603	-78.8638916
BCSB-176	MP22	Blacklick Creek - South Branch	South Branch Blacklick Creek	State Gamelands No. 79 Mine	State Gamelands No. 79 Mine		Stream		11970104	MP22	PADEP	40.49250031	-78.89305878
BCSB-177	MP9	Blacklick Creek - South Branch	South Branch Blacklick Creek	Chickaree	Chickaree		Stream		11970106	MP9	PADEP	40.46888733	-78.87610626
BCSB-178	SP1	Blacklick Creek - South Branch		TR No. 1, Laurel Land Dev.-L. K. mine discharge	TR No. 1, Laurel Land Dev.-L. K. mine discharge		Stream		11920110	SP1	PADEP	40.4991684	-78.86000061
BCSB-180	SP3	Blacklick Creek - South Branch		TR No. 1	TR No. 1		Discharge		11920110	SP3	PADEP	40.4991684	-78.85639191
BCSB-185	11	Blacklick Creek - South Branch	South Branch Blacklick Creek	Seep	Seep		Seep		11890102	11	PADEP	40.49472046	-78.85778046

BLACKLICK CREEK WATERSHED
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BCSB-187	5B	Blacklick Creek - South Branch	Coal Pit Run	Deep Mine Discharge	Deep Mine Discharge		Discharge		11980103	5B	PADEP	40.5	-78.85305786
BCSB-188		Blacklick Creek - South Branch	Coal Pit Run	Coal Pit Run	Coal Pit Run		Stream	Y			Stream Team	40.49637985	-78.86582947
BCSB-189	11	Blacklick Creek - South Branch	Coal Pit Run	Mine Discharge to CPR Site 11	Deep mine discharge flowing through center of refuse pile, collected at weir below RR grade	Coal Pit Run	Discharge	Y		11	PADEP Mining		
DEP-TL-10				TLC Upstream of Garbage Truck Discharge	Two Lick Creek Upstream of Garbage Truck Discharge and Downstream of Diamondville Discharge		Stream				PADEP-BAMR		
DEP-TL-11				TLC Downstream of Garbage Truck Discharge	Downstream of Garbage Truck Discharge and Upstream of PA2436 Tributary		Stream				PADEP-BAMR		
DEP-TL-DIS				TLC Discharge	Discharge on Right of Stream Across from Garbage Truck Discharge		Discharge				PADEP-BAMR		
DEP-TL-UNT				TLC Unnamed Tributary	Tributary on West Side of PA2436		Stream				PADEP-BAMR		
KBLAC1				Blacklick Creek	Blacklick Creek		Stream	Y			Stream Team		
KBLCHE				Cherry Run	Cherry Run		Stream	Y			Stream Team		
KBLSB3				South Branch #3	South Branch		Stream	Y			Stream Team		
KBLTL1				Two Lick Creek #1	Two Lick Creek		Stream	Y			Stream Team		
LBC-001		Lower Blacklick Creek to Conemaugh Reservoir	Muddy Run	Drift Mine	Drift Mine	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		4772	PADER	40.48527145	-79.2188797
LBC-002		Lower Blacklick Creek to Conemaugh Reservoir	Muddy Run	2 Drift Mines	2 Drift Mines	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		4773	PADER	40.48666	-79.21861267
LBC-003		Lower Blacklick Creek to Conemaugh Reservoir	Blacklick Creek	Drift Mine	Drift Mine	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		4774	PADER	40.4822197	-79.22083282
LBC-004		Lower Blacklick Creek to Conemaugh Reservoir	Muddy Run	2 Drift Mines	2 Drift Mines	Muddy Run	Discharge	N		4800	PADER	40.49361038	-79.22026825
LBC-005		Lower Blacklick Creek to Conemaugh Reservoir	Blacklick Creek	Strip mine	Strip mine		Discharge	N		4902	PADER	40.44916153	-79.23722076
LBC-006		Lower Blacklick Creek to Conemaugh Reservoir	Blacklick Creek	Drift mine	Drift mine	Blacklick Creek	Discharge	N		4905	PADER	40.45861053	-79.23638153
LBC-007		Lower Blacklick Creek to Conemaugh Reservoir	Blacklick Creek	Drift mine	Drift mine	Blacklick Creek	Discharge	N		4906	PADER	40.45526886	-79.23554993

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LBC-008		Lower Blacklick Creek to Conemaugh Reservoir	Blacklick Creek	Drift mine	Drift mine	Unnamed Tributary to Blacklick Creek Mainstem	Discharge	N		4910	PADER	40.45415878	-79.24861145
LBC-010		Lower Blacklick Creek to Conemaugh Reservoir	Blacklick Creek	Drift Mine	Drift Mine	Unnamed Tributary to Blacklick Creek Main stem	Discharge	N		4903	PADER	40.45111084	-79.23722076
LBC-011	800547	Lower Blacklick Creek to Conemaugh Reservoir	Blacklick Creek	Twolick Creek	Twolick Creek at confluence with Blacklick Creek		Stream	N			ICCD	40.48204041	-79.19407654
LBC-012	800549	Lower Blacklick Creek to Conemaugh Reservoir	Blacklick Creek	Twolick Creek	Twolick Creek before the confluence with Blacklick Creek		Stream	N			ICCD	40.47322845	-79.20374298
LBC-013	601402	Lower Blacklick Creek to Conemaugh Reservoir	WEIRS RUN	Weirs Run	Weirs Run		Stream	N			ICCD	40.46202087	-79.20860291
LBC-014	601403	Lower Blacklick Creek to Conemaugh Reservoir	Muddy Run	Muddy Run	Muddy Run		Stream	N			ICCD	40.48038864	-79.2372818
LBC-015	601442	Lower Blacklick Creek to Conemaugh Reservoir	Stewart Run	Steward Run	Steward Run		Stream	N			ICCD	40.47039032	-79.29264832
LBC-016	601443	Lower Blacklick Creek to Conemaugh Reservoir	Greys Run	Grays Run	Grays Run		Stream	N			ICCD	40.47404099	-79.26674652
LTLC-001	47	Lower Two Lick Creek	Two Lick Creek	Potter Mine	Potter Mine, Senate Coal Permit Site - two borehole discharges	Mainstem of Blacklick Creek	Discharge	N			BCWA	40.49581909	-79.18965912
LTLC-006		Lower Two Lick Creek	Allen Run	Marion Center Mining	North of Rt. 422 on the north side of Allens Run	Alds Run	Discharge	N			BCWA	40.61795044	-79.04033661
LTLC-007		Lower Two Lick Creek	Two Lick Creek	Crichton Coal & Coke Co. Mine #2	Crichton Coal & Coke Co. Mine south of Luciusboro Laurel Run Treatment System #1	Laurel Run	Discharge	N			BCWA	40.61637115	-79.05532837
LTLC-008		Lower Two Lick Creek	Two Lick Creek	Penn Hills No. 2 Mine	Penn Hills No. 2 Mine east End of Reservoir	Twolick Creek	Discharge	N			BCWA	40.63399887	-79.04017639
LTLC-010		Lower Two Lick Creek	Cherry Run	Lucerne #2 or Snyder Mine	South side of Yellow Creek at west end of refuse pile, west of Tide.	Lower Yellow Creek	Discharge	N			BCWA	40.55519104	-79.19187164
LTLC-012	48	Lower Two Lick Creek	Cherry Run	Heavy borehole discharge - aluminum etc.	Heavy borehole discharge - aluminum etc.. Borehole along Cherry Run	Cherry Run	Discharge	N			BCWA	40.51609039	-79.18123627
LTLC-014	45	Lower Two Lick Creek	Two Lick Creek	Homer City Borehole Discharges	Homer City - Near FMC- Two borehole discharges along cliffs near FMC	Lower Yellow Creek	Discharge	N			BCWA	40.53097153	-79.16895294
LTLC-015	43	Lower Two Lick Creek	Stoney Run	Wastewater Treatment discharge	Wastewater Treatment discharge	Lower Twolick Creek	STP Discharge	N			BCWA	40.57168961	-79.16285706
LTLC-017		Lower Two Lick Creek	Two Lick Creek	#4 Main	Approx. 1,000 ft. east of Rt. 119, east of Graceton	Lower Twolick Creek	Discharge	N			BCWA	40.50762177	-79.16294098

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LTLC-018		Lower Two Lick Creek	Two Lick Creek	Graceton #5 Mine	Approx. 1,200 ft. east of Rt. 119, east of Graceton	Un-named Tributary to Lower Twolick Creek	Discharge	N			BCWA	40.50539017	-79.16426086
LTLC-020	501315	Lower Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge Sample	Twolick Creek	Discharge	N			ICCD	40.58512115	-79.15122986
LTLC-021	601375	Lower Two Lick Creek	Two Lick Creek	Un-named trib. To Twolick Creek	Un-named trib. To Twolick Creek		Stream	N			ICCD	40.49776077	-79.16654205
LTLC-022	601376	Lower Two Lick Creek	Cherry Run	Cherry Run	Cherry Run		Stream	N			ICCD	40.51374054	-79.18314362
LTLC-024	601035	Lower Two Lick Creek	Two Lick Creek	Tearing Run	Tearing Run		Stream	N			ICCD	40.53179932	-79.16629791
LTLC-025	401218	Lower Two Lick Creek	Ramsey Run	Ramsey Run	Ramsey Run at stream mouth		Stream	N			ICCD	40.5916214	-79.11038208
LTLC-026	401219	Lower Two Lick Creek	Two Lick Creek	Twolick Creek	Twolick Creek below dam		Stream	N			ICCD	40.59180069	-79.10797119
LTLC-027	601366	Lower Two Lick Creek	Allen Run	Allan Run	Allan Run		Stream	N			ICCD	40.62519836	-79.05628967
LTLC-028	601367	Lower Two Lick Creek	Allen Run	Allan Run	Allan Run		Stream	N			ICCD	40.62480927	-79.05523682
LTLC-029	601368	Lower Two Lick Creek	Allen Run	Allan Run	Allan Run		Stream	N			ICCD	40.62189102	-79.05168152
LTLC-030	601369	Lower Two Lick Creek	Allen Run	Allan Run	Allan Run		Stream	N			ICCD	40.61904907	-79.05132294
LTLC-031	601370	Lower Two Lick Creek	Allen Run	Allan Run	Allan Run		Stream	N			ICCD	40.61785126	-79.04985809
LTLC-032	601371	Lower Two Lick Creek	Allen Run	Allan Run	Allan Run		Stream	N			ICCD	40.61487961	-79.04416656
LTLC-033	601372	Lower Two Lick Creek	Allen Run	Treated Sample	Treated discharge to Allan Run	Allan Run	System	N			ICCD	40.6151619	-79.04360962
LTLC-034	601373	Lower Two Lick Creek	Allen Run	Allan Run	Allan Run below treatment plant		Stream	N			ICCD	40.62630844	-79.0582428
LTLC-037	501316	Lower Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge	Twolick Creek	Discharge	N			ICCD	40.58189011	-79.15477753
LTLC-038	501314	Lower Two Lick Creek	Two Lick Creek	Two Lick Creek	Two Lick Creek		Stream	N			ICCD	40.59317017	-79.13768005
LTLC-039	501390	Lower Two Lick Creek	Stoney Run	Stoney Run	Stoney Run		Stream	N			ICCD	40.57133865	-79.16285706
LTLC-040	501389	Lower Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge, In Homer City next to the stream.	Twolick Creek	Discharge	N			ICCD	40.5582695	-79.1663208
LTLC-041		Lower Two Lick Creek	Two Lick Creek	Coral Run	Coral Run		Stream	Y			Stream Team	40.49943924	-79.18054962
LTLC-042		Lower Two Lick Creek	Two Lick Creek	Penn Hills Treatment Sys #1	Penn Hills Treatment Sys	Twolick Creek	System	Y			Stream Team	40.63111115	-79.04055023
LTLC-043		Lower Two Lick Creek	Two Lick Creek	Penn Hills Treatment Sys #4	Penn Hills Treatment Sys	Twolick Creek	System	Y			Stream Team	40.63055038	-79.04110718
LTLC-044		Lower Two Lick Creek	Allen Run	Penn Hills Treatment Sys #5	Penn Hills Treatment Sys	Twolick Creek	System	Y			Stream Team	40.61666107	-79.04165649
LTLC-045		Lower Two Lick Creek	Two Lick Creek	Penn Hills Treatment Sys #6	Penn Hills Treatment Sys	Twolick Creek	System	Y			Stream Team	40.63166046	-79.04277039
LTLC-047		Lower Two Lick Creek	Two Lick Creek	Campbell Mine	Campbell Mine, Campbell Mine across the stream from Lucerne No. 3B	Lower Twolick Creek	Discharge	N		129	PADER	40.59891891	-79.12243652
LTLC-048		Lower Two Lick Creek	Two Lick Creek	Lucerne 3-B Mine	Lucerne 3-B Mine, Barish #1 mine, east of Lucerne #3B entrance.	Lower Twolick Creek	Discharge	N		177	PADER	40.59654999	-79.12272644
LTLC-049		Lower Two Lick Creek	Two Lick Creek	Graceton No. 2 Mine	Graceton No. 2 Mine	Lower Twolick Creek	Discharge	N		183	PADER	40.51243973	-79.15885925

BLACKLICK CREEK WATERSHED
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LTLC-050		Lower Two Lick Creek	Two Lick Creek	Coy No. 1 and No. 2 Mines	Coy No. 1 and No. 2 Mines	Lower Twolick Creek	Discharge	N		184	PADER	40.51113129	-79.15210724
LTLC-051		Lower Two Lick Creek	Two Lick Creek	Penn Hills No. 1 Mine	Penn Hills No. 1 Mine, Penn Hills No. 1 Mine east End of Reservoir	Upper Twolick	Discharge	N		223	PADER	40.62525177	-79.04910278
LTLC-052		Lower Two Lick Creek	Two Lick Creek	Graceton No. 2 Mine #1	Graceton No. 2 Mine	Lower Twolick Creek	Discharge	N		44	PADER	40.51245117	-79.15885925
LTLC-053		Lower Two Lick Creek	Two Lick Creek	Graceton No. 2 Mine #2	Graceton No. 2 Mine	Lower Twolick Creek	Discharge	N		45	PADER	40.51261139	-79.15876007
LTLC-054		Lower Two Lick Creek	Two Lick Creek	Graceton No. 1 Mine	Graceton No. 1 Mine	Lower Twolick Creek	Discharge	N		46	PADER	40.50400162	-79.16549683
LTLC-055		Lower Two Lick Creek	Two Lick Creek	Ralston Mine	Ralston Mine	Un-named Tributary to Lower Yellow Creek	Discharge	N		UTLC5-1	PADER	40.61016846	-79.06672668
LTLC-056	3042700	Lower Two Lick Creek	Cherry Run	Cherry Run	Cherry Run near Homer City, PA		Stream	N			USGS	40.55416107	-79.19194031
LTLC-057	3042120	Lower Two Lick Creek	Ramsey Run	Ramsey Run	Ramsey Run near Indiana, PA		Stream	N			USGS	40.59749985	-79.10971832
LTLC-058	3042505	Lower Two Lick Creek	Two Lick Creek	Two Lick Graceton #1	Two Lick Cr. At Graceton, PA, Twolick Creek at T-598 Bridge in Center Twp.		Stream	N			USGS	40.51277161	-79.16944122
LTLC-059	3042500	Lower Two Lick Creek	Two Lick Creek	Two Lick Graceton #2	Two Lick Creek at Graceton, PA		Stream	N			USGS	40.51721954	-79.17194366
LTLC-060	LT-3	Lower Two Lick Creek	Two Lick Creek	Twolick Creek above sewage treatment plant	Collect the sample above the sewage treatment plant, Twolick Creek above sewage treatment plant		Stream				IUP	40.56520081	-79.16020203
LTLC-061	LT-4	Lower Two Lick Creek	Two Lick Creek	Risinger Shaft Discharge - Homer City	Collect at discharge.Risinger Shaft Discharge - Homer City		Discharge				IUP	40.55490112	-79.16290283
LTLC-062	LT-5	Lower Two Lick Creek	Two Lick Creek	Twolick Creek at Rt. old Rt. 56 bridge	Collect the sample at the old Rt. 56 bridge.Twolick Creek at Rt. Old Rt. 56 bridge, Yellow Creek before confluence with Twolick Creek		Stream				IUP	40.54000092	-79.16680145
LTLC-063	LT-9	Lower Two Lick Creek	Two Lick Creek	Twolick Creek at mouth	Collect the sample before the confluence with Blacklick Creek.Twolick Creek at mouth		Stream				IUP	40.48669815	-79.19539642
LTLC-064	SC-1	Lower Two Lick Creek	Two Lick Creek	Josephine Borehole AMD Discharge GW-9	Proposed Coal Tipple Area near Josephene	Twolick Creek	Discharge			SC-1	Senate Coal	40.49777985	-79.18772125
LYC-001		Lower Yellow Creek	Yellow Creek	Krolick Mine	Crop discharge - no discharge	Unnamed Tributary to Yellow Creek	Discharge	N			BCWA	40.54938126	-79.11582947
LYC-006		Lower Yellow Creek	Yellow Creek	Samac #2 Mine discharge	Samac #2 Mine discharge	Un-named Tributary to Lower Yellow Creek	Discharge	N			BCWA	40.55776978	-79.11283875
LYC-007	56	Lower Yellow Creek	Yellow Creek	SGL road seep	SGL road seep	Lower Yellow Creek	Seep	N			BCWA	40.5676918	-79.11177826
LYC-009	53	Lower Yellow Creek	Yellow Creek	Appalachia Mine discharge	Appalachia Mine discharge	Un-named tributary Lower Yellow Creek	Discharge	N			BCWA	40.57133102	-79.12117767
LYC-011		Lower Yellow Creek	Yellow Creek	Refuse Pile	North of un-named tributary to Yellow Creek across from the town of Tide.Tearing Run Mine (Graceton No. 3)	Lower Yellow Creek	Discharge	N			BCWA	40.5550499	-79.13126373
LYC-013		Lower Yellow Creek	Yellow Creek	Tide #1 and #2 Mines / Tide Refuse Piles	North of Tide, east of Yellow Creek along abandoned railroad bed	Yellow Creek	Seep	N			BCWA	40.5592308	-79.12786102

BLACKLICK CREEK WATERSHED
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LYC-016		Lower Yellow Creek	Yellow Creek	Discharge East of Tide	South side of unnamed tributary, east of Tide	Un-named Tributary to Yellow Creek	Discharge	N			BCWA	40.5528717	-79.12801361
LYC-019	MP-F	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32940105	MP-F	PADEP	40.55054855	-79.12805176
LYC-020	MP-H	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32940105	MP-H	PADEP	40.55083084	-79.1286087
LYC-021	MP-T-24	Lower Yellow Creek	Yellow Creek	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32940105	MP-T-24	PADEP	40.55250168	-79.125
LYC-022	MP-100	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32990102	MP-100	PADEP	40.56583023	-79.12554932
LYC-023	MP-202	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32990102	MP-202	PADEP	40.56499863	-79.12138367
LYC-024	MP-2	Lower Yellow Creek	Yellow Creek	Discharge from surface mine	Discharge from surface mine,Pete Snyder Mine		Discharge	Y	32990102	MP-2	PADEP	40.56193924	-79.10971832
LYC-025	MP-96	Lower Yellow Creek	Yellow Creek	Soil Discharge	Soil Discharge		Discharge	Y	32990102	MP-96	PADEP	40.56805038	-79.1258316
LYC-026	MP-99	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32990102	MP-99	PADEP	40.5677681	-79.12526703
LYC-027	101	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32990102	101	PADEP	40.56499863	-79.125
LYC-028	104	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32990102	104	PADEP	40.56805038	-79.12554932
LYC-029	105	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32990102	105	PADEP	40.5677681	-79.125
LYC-030	106	Lower Yellow Creek	Yellow Creek	Mine Discharge	Mine Discharge		Discharge	Y	32990102	106	PADEP	40.56750107	-79.12526703
LYC-031	MP-D1	Lower Yellow Creek	Yellow Creek	Deep mine discharge	Deep mine discharge		Discharge	Y	32000102	MP-D1	PADEP	40.57500076	-79.12444305
LYC-033	601397	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Tide Tributary	Discharge	N			ICCD	40.56201935	-79.12783813
LYC-034	601398	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Tide Tributary	Discharge	N			ICCD	40.56201935	-79.12766266
LYC-036	601400	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Yellow Creek	Discharge	N			ICCD	40.56190109	-79.13027191
LYC-037	601401	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Yellow Creek	Discharge	N			ICCD	40.55764008	-79.13214874
LYC-039	601434	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Yellow Creek	Discharge	N			ICCD	40.55699921	-79.13699341
LYC-042	601437	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Yellow Creek	Discharge	N			ICCD	40.55659866	-79.1460495
LYC-043	601438	Lower Yellow Creek	Yellow Creek	Discharge Sample	Stream Sample	Yellow Creek	Discharge	N			ICCD	40.55361938	-79.15049744
LYC-044	601439	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Yellow Creek	Discharge	N			ICCD	40.55041122	-79.14173889
LYC-045	601440	Lower Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek		Stream	N			ICCD	40.54935074	-79.1523819
LYC-047	601469	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Yellow Creek	Discharge	N			ICCD	40.56972122	-79.11901855
LYC-048	601470	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Yellow Creek	Discharge	N			ICCD	40.57049179	-79.12277222
LYC-050	601466	Lower Yellow Creek	Yellow Creek	Tide Tributary	Tide Tributary		Stream	N			ICCD	40.55165863	-79.11747742
LYC-051	601467	Lower Yellow Creek	Yellow Creek	Discharge Sample	Discharge Sample	Judy #14 Tributary	Discharge	N			ICCD	40.55709839	-79.1159668

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

SAMPLE POINT	CORRESPONDING SAMPLE ID	MAJOR WATERSHED	SUB WATERSHED	SAMPLE POINT NAME	DESCRIPTION	RECEIVING STREAM	PRIMARY TYPE	MONITORED	DEP PERMIT	DEP POINT	DATA SOURCE	LATITUDE	LONGITUDE
LYC-055		Lower Yellow Creek	Yellow Creek	Treatment System 2A Influent	Treatment System 2A Influent	Yellow Creek	System	Y			Stream Team	40.5633316	-79.1258316
LYC-056		Lower Yellow Creek	Yellow Creek	Treatment System 2A VFR	Treatment System 2A VFR	Yellow Creek	System	Y			Stream Team	40.56388092	-79.12638855
LYC-058		Lower Yellow Creek	Yellow Creek	Crown Hill Mine	Crown Hill Mine	Lower Yellow Creek	Discharge	N		158	PADER	40.56908035	-79.12322235
LYC-059		Lower Yellow Creek	Yellow Creek	Mecco Mine	Mecco Mine	Lower Yellow Creek	Discharge	N		168	PADER	40.56705856	-79.12433624
LYC-062		Lower Yellow Creek	Yellow Creek	Judy No. 14 Mine	Judy No. 14 Mine, Krolick Mine	Lower Yellow Creek	Discharge	N		96	PADER	40.55630112	-79.11508179
LYC-063		Lower Yellow Creek	Yellow Creek	Crown Hill Mine	Crown Hill Mine	Lower Yellow Creek	Discharge	N		LYC1-1	PADER	40.56758118	-79.10825348
LYC-064		Lower Yellow Creek	Yellow Creek	Judy No. 14 Mine	Judy No. 14 Mine	Judy #14 Tributary	Discharge	N		LYC1-2	PADER	40.5545311	-79.11472321
LYC-069		Lower Yellow Creek	Yellow Creek	YC Rt. 954 Bridge	Yellow Creek at Rt. 954 bridge		Stream	Y			BCWA	40.56906891	-79.12741089
LYC-070		Lower Yellow Creek	Yellow Creek	Discharge	Discharge	Yellow Creek	Discharge	Y			BCWA	40.56967926	-79.1257782
LYC-071		Lower Yellow Creek	Yellow Creek	Discharge	Discharge	Yellow Creek	Discharge	Y			BCWA	40.56964111	-79.1245575
LYC-072		Lower Yellow Creek	Yellow Creek	Yellow Creek Phase 1A Effluent	Treatment System Phase 1A Effluent	Yellow Creek	System	Y			BCWA	40.56600189	-79.12677002
LYC-073		Lower Yellow Creek	Yellow Creek	Yellow Creek Phase 1A Influent	Treatment System Phase 1A Influent		System	Y			BCWA	40.56766891	-79.12677002
LYC-074		Lower Yellow Creek	Yellow Creek	Yellow Creek Phase 1B Influent	Treatment System Phase 1B Influent		System	Y			BCWA	40.56536865	-79.12693024
LYC-075		Lower Yellow Creek	Yellow Creek	Judy #14 Tributary	Judy #14 Tributary below borehole		Stream	Y			BCWA	40.56200027	-79.12799835
LYC-076		Lower Yellow Creek	Yellow Creek	Tide Borehole	Tide Borehole, North of Tide, east of Yellow Creek along abandoned railroad bed	Unnamed Tributary	Discharge	Y			BCWA	40.56200027	-79.1269989
LYC-077		Lower Yellow Creek	Yellow Creek	YC below Judy #14 Tributary	Yellow Creek below Judy #14 Tributary		Stream	Y			BCWA	40.56200027	-79.1286087
LYC-078		Lower Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek		Stream	Y			BCWA	40.56227875	-79.12837219
LYC-079		Lower Yellow Creek	Yellow Creek	Tide Refuse Pile Seep	Tide Refuse Pile Seep	Yellow Creek	Seep	Y			BCWA	40.55599976	-79.1309967
LYC-080	YC-09A	Lower Yellow Creek	Yellow Creek	Tide Refuse Pile Seep - grassy area	Tide Refuse Pile Seep - grassy area	Yellow Creek	Seep	Y			BCWA	40.55599976	-79.1309967
LYC-081		Lower Yellow Creek	Yellow Creek	Tide Tributary - lower	Tide Tributary - lower		Stream	Y			BCWA	40.55599976	-79.13200378
LYC-082		Lower Yellow Creek	Yellow Creek	Yellow Creek below Tide Tributary	Yellow Creek below Tide Tributary		Stream	Y			BCWA	40.55643845	-79.13303375
LYC-083		Lower Yellow Creek	Yellow Creek	Lucerne #3 Mine	Lucerne #3 Mine, North side of Yellow Creek, east of Lucerne Mines.,North side of Yellow Creek	Yellow Creek	Discharge	Y			BCWA	40.55799866	-79.14299774
LYC-084		Lower Yellow Creek	Yellow Creek	Yellow Creek before YC-24	Yellow Creek before YC-24		Stream	Y			BCWA	40.54858017	-79.15512085
LYC-085		Lower Yellow Creek	Yellow Creek	Yellow Creek at the Floodway Park	Yellow Creek at the Floodway Park, Yellow Creek at Rt. 119 at bridge		Stream	Y			BCWA	40.54386902	-79.16100311
LYC-086		Lower Yellow Creek	Yellow Creek	Lucerne #2 Borehole under Rt. 119	Lucerne No. 2 Mine Churn Drill Holes, Bore hole behind 84 Lumber	Yellow Creek	Discharge	Y			BCWA	40.54729843	-79.15457916
LYC-087		Lower Yellow Creek	Yellow Creek	Judy #14 Tributary - below discharge	Judy #14 Tributary - below discharge		Stream	Y			BCWA	40.55799866	-79.11699677

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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LYC-088		Lower Yellow Creek	Yellow Creek	Judy #14 Discharge	Judy #14 Discharge	Unnamed Tributary to YellowCreek	Discharge	Y			BCWA	40.56000137	-79.11499786
LYC-089		Lower Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek		Stream	Y			BCWA	40.56000137	-79.11000061
LYC-090		Lower Yellow Creek	Yellow Creek	OHM stripmine discharge	OHM stripmine discharge	Unnamed Tributary to YellowCreek	Discharge	Y			BCWA	40.55099869	-79.11299896
LYC-091		Lower Yellow Creek	Yellow Creek	Tributary above Tide Tributary at	Tributary above		Stream	Y			BCWA	40.54899979	-79.10900116
LYC-092		Lower Yellow Creek	Yellow Creek	Budners	Tide Tributary at Budners		Stream	Y			BCWA	40.54199982	-79.11199951
LYC-093		Lower Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek		Stream	Y			BCWA	40.54999924	-79.15499878
LYC-094		Lower Yellow Creek	Yellow Creek	Weir at wetlands near Rt. 119 bridge	Weir at wetlands near Rt. 119 bridge	Yellow Creek	Discharge	Y			BCWA	40.55009842	-79.15480042
LYC-095		Lower Yellow Creek	Yellow Creek	Discharge below ACV refuse pit	Discharge below ACV refuse pit, South side of Yellow Creek at west end of refuse pile, west of Tide.	Yellow Creek	Seep	Y			BCWA	40.55699921	-79.14299774
LYC-096		Lower Yellow Creek	Yellow Creek	Tide Tributary above Tide	Tide Tributary above Tide	Yellow Creek	Stream	N			BCWA	40.5527916	-79.12793732
LYC-097		Lower Yellow Creek	Yellow Creek	Deep mine discharge southeast of Tide	Deep mine discharge southeast of Tide, South side of unnamed tributary, east of Tide	Yellow Creek	Discharge	N			BCWA	40.55266953	-79.1259613
LYC-098		Lower Yellow Creek	Yellow Creek	Near the intersection of Tide Road and Rt. 954	Near the intersection of Tide Road and Rt. 954	Yellow Creek	Stream	N			BCWA	40.55179977	-79.11694336
LYC-099		Lower Yellow Creek	Yellow Creek	West side of valley near Rt. 954	West side of valley near Rt. 954	Yellow Creek	Stream	N			BCWA	40.55123138	-79.11689758
LYC-100		Lower Yellow Creek	Yellow Creek	Deep mine discharge along Rt. 954	Deep mine discharge along Rt. 954	Yellow Creek	Discharge	N			BCWA	40.55080032	-79.11469269
LYC-101		Lower Yellow Creek	Yellow Creek	West side of valley near Rt. 954	West side of valley near Rt. 954	Yellow Creek	Seep	N			BCWA	40.55078888	-79.11624908
LYC-102		Lower Yellow Creek	Yellow Creek	West side of valley near Rt. 954 Seep 1	West side of valley near Rt. 954	Yellow Creek	Seep	N			BCWA	40.548069	-79.11540985
LYC-103		Lower Yellow Creek	Yellow Creek	West side of valley near Rt. 954 Seep 2	West side of valley near Rt. 954	Yellow Creek	Seep	N			BCWA	40.548069	-79.11540985
LYC-104		Lower Yellow Creek	Yellow Creek	West side of valley near Rt. 954 Seep 3	West side of valley near Rt. 954	Yellow Creek	Seep	N			BCWA	40.548069	-79.11540985
LYC-105		Lower Yellow Creek	Yellow Creek	West side of valley near Rt. 954 above gasline	West side of valley near Rt. 954 above gasline	Yellow Creek	Stream	N			BCWA	40.54708099	-79.11467743
LYC-107	BS-B	Lower Yellow Creek	Yellow Creek	Trib. To Yellow Creek	Trib. To Yellow Creek		Stream		32940105	BS-B	PADEP	40.54360962	-79.11332703
LYC-108	BS-C	Lower Yellow Creek	Yellow Creek	Trib. To Yellow Creek	Trib. To Yellow Creek		Stream		32940105	BS-C	PADEP	40.54861069	-79.11611176
LYC-109	BS-E	Lower Yellow Creek	Yellow Creek	Trib. To Yellow Creek	Trib. To Yellow Creek		Stream		32940105	BS-E	PADEP	40.54610825	-79.11444092
LYC-110	BS-G	Lower Yellow Creek	Yellow Creek	Trib. To Yellow Creek	Trib. To Yellow Creek		Stream		32940105	BS-G	PADEP	40.55110931	-79.12832642

BLACKLICK CREEK WATERSHED
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LYC-112	MP-12	Lower Yellow Creek	Yellow Creek	Trib., upstream	Trib., upstream		Stream		32940105	MP-12	PADEP	40.54055023	-79.11222076
LYC-114	MP-18	Lower Yellow Creek	Yellow Creek	Trib., downstream	Trib., downstream		Stream		32940105	MP-18	PADEP	40.55500031	-79.13083649
LYC-115	MP-2	Lower Yellow Creek	Yellow Creek	Trib., upstream	Trib., upstream		Stream		32940105	MP-2	PADEP	40.54999924	-79.1286087
LYC-119	MP-S-8	Lower Yellow Creek	Yellow Creek	Ferrier Run	Ferrier Run		Stream		32990102	MP-S-8	PADEP	40.56972122	-79.10832977
LYC-121	S2	Lower Yellow Creek	Yellow Creek	Yellow Creek, downstream	Yellow Creek, downstream		Stream		32950109	S2	PADEP	40.55749893	-79.13749695
LYC-123	S5	Lower Yellow Creek	Yellow Creek	Trib. upstream	Trib. upstream		Stream		32950109	S5	PADEP	40.57138824	-79.13139343
LYC-124	S7	Lower Yellow Creek	Yellow Creek	Trib. Downstream	Trib. Downstream		Stream		32950109	S7	PADEP	40.56639099	-79.12917328
LYC-125	001	Lower Yellow Creek	Yellow Creek	Discharge from sediment pond	Lucerne No. 2 Mine, discharge from sediment pond		Sed Pond Discharge		32940105		PADEP	40.54472351	-79.11554718
LYC-126	002	Lower Yellow Creek	Yellow Creek	Monitoring point stream	Lucerne No. 2 Mine, monitoring point stream		Stream		32940105		PADEP	40.54472351	-79.11528015
LYC-127	003	Lower Yellow Creek	Yellow Creek	Discharge from sediment pond	Lucerne No. 2 Mine, discharge from sediment pond		Sed Pond Discharge		32940105		PADEP	40.54944611	-79.11638641
LYC-128	004	Lower Yellow Creek	Yellow Creek	Monitoring point stream	Lucerne No. 2 Mine, monitoring point stream		Stream		32940105		PADEP	40.55083466	-79.11723328
LYC-129	005	Lower Yellow Creek	Yellow Creek	Discharge from sediment pond	Lucerne No. 2 Mine, discharge from sediment pond		Sed Pond Discharge		32940105		PADEP	40.55222321	-79.12000275
LYC-130	006	Lower Yellow Creek	Yellow Creek	Monitoring point stream	Lucerne No. 2 Mine, monitoring point stream		Stream		32940105		PADEP	40.55194473	-79.12361145
LYC-131	007	Lower Yellow Creek	Yellow Creek	Discharge from sediment pond	Lucerne No. 2 Mine, discharge from sediment pond		Sed Pond Discharge		32940105		PADEP	40.55166626	-79.12722015
LYC-132	008	Lower Yellow Creek	Yellow Creek	Discharge from sediment pond	Lucerne No. 2 Mine, discharge from sediment pond		Sed Pond Discharge		32940105		PADEP	40.54138947	-79.11277771
LYC-133	3546	Lower Yellow Creek	Yellow Creek	Drillhole	Lucerne No. 2 Mine, drillhole		Drillhole		32940105		PADEP	40.54888916	-79.11860657
LYC-137	MP-A	Lower Yellow Creek	Yellow Creek	Lucerne No. 2 Mine	Lucerne No. 2 Mine		Stream		32940105		PADEP	40.54416656	-79.11472321
LYC-138	OB-A	Lower Yellow Creek	Yellow Creek	Drillhole	Lucerne No. 2 Mine, drillhole		Drillhole		32940105		PADEP	40.55027771	-79.12555695
LYC-139	UK3546	Lower Yellow Creek	Yellow Creek	Drillhole	Lucerne No. 2 Mine, drillhole		Drillhole		32940105		PADEP	40.54888916	-79.11860657
LYC-151	MP-A	Lower Yellow Creek	Yellow Creek	Deep Mine Discharge	Deep Mine Discharge		Discharge		32850110	MP-A	PADEP		
LYC-155	S1	Lower Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek		Stream		32010108	S1	PADEP	40.5569458	-79.13916779
LYC-157	S3	Lower Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek		Stream		32010108	S3	PADEP	40.55638885	-79.13194275
LYC-160		Lower Yellow Creek	Yellow Creek	Yellow Creek Phase 1B Effluent	Treatment System Phase 1B Effluent	Yellow Creek	System	Y			BCWA	40.56629944	-79.12718964
LYC-161	KBLYT4	Lower Yellow Creek	Yellow Creek	Treatment System 2B Effluent	Treatment System 2B Effluent	Yellow Creek	System	Y			Stream Team	40.56351852	-79.12683105
LYC-162	KBLYTA3	Lower Yellow Creek	Yellow Creek	Treatment System 1A VFR	Treatment System 1A VFR		System	Y			Stream Team	40.56732178	-79.1269989
LYC-163	KBLYTB3	Lower Yellow Creek	Yellow Creek	Treatment System 1B VFR	Treatment System 1B VFR		System	Y			Stream Team	40.56634521	-79.12738037
LYC-164	KBLYTC1	Lower Yellow Creek	Yellow Creek	Treatment System 2C Influent	Treatment System 2C Influent		System	Y			Stream Team	40.56183243	-79.12708282
LYC-165	KBLYTC2	Lower Yellow Creek	Yellow Creek	Treatment System 2C VFR	Treatment System 2C VFR		System	Y			Stream Team	40.56189728	-79.12801361

BLACKLICK CREEK WATERSHED
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LYC-166	KBLYTC3	Lower Yellow Creek	Yellow Creek	Treatment System 2C Effluent	Treatment System 2C Effluent	Yellow Creek	System	Y			Stream Team	40.56180191	-79.1279068
LYC-167		Lower Yellow Creek	Yellow Creek	Judy #14 Tributary - above discharge	Judy #14 Tributary - above discharge		Stream	Y			BCWA	40.55784988	-79.11402893
LYC-168		Lower Yellow Creek	Yellow Creek	Tributary at gas well	Tributary at gas well		Stream	Y			BCWA		
LYC-169		Lower Yellow Creek	Yellow Creek	Tributary above red stain	Tributary above red stain		Stream	Y			BCWA		
LYC-170		Lower Yellow Creek	Yellow Creek	Treatment System 2A and 2B Influent	Treatment System 2A and 2B Influent	Yellow Creek	System	Y			Stream Team	40.56388855	-79.12695313
LYC-171		Lower Yellow Creek	Yellow Creek	Yellow Creek #1	Yellow Creek on Elm St	Yellow Creek	Stream	Y			Stream Team	40.54380035	-79.16100311
TR-001		Tearing Run	Tearing Run	Refuse pile	North side of Tearing Run, south of road.	Tearing Run	Discharge	N			BCWA	40.52980042	-79.12380219
TR-002		Tearing Run	Tearing Run	Drift Mine	North side of Tearing Run, south of road., TR in the headwaters	Tearing Run	Discharge	N			BCWA	40.52809906	-79.12084198
TR-003		Tearing Run	Tearing Run	Waterman Mine discharge	Center Coal Co. Waterman Mine	Tearing Run	Discharge	N			BCWA	40.52898026	-79.11686707
TR-005		Tearing Run	Tearing Run	Waterman Mine discharge	Waterman Mine discharge	Tearing Run	Discharge	N			BCWA	40.53186035	-79.12451172
TR-009		Tearing Run	Tearing Run	Graceton #2 Mine	Approx. 1.5 due east of Coral/Graceton, across from cemetery	Un-named Tributary	Discharge	N			BCWA	40.50352859	-79.13981628
TR-014	MP-51	Tearing Run	Tearing Run	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32910102	MP-51	PADEP	40.53083038	-79.10887909
TR-015	MP-52	Tearing Run	Tearing Run	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32910102	MP-52	PADEP	40.53083038	-79.10832977
TR-016	MP-33	Tearing Run	Tearing Run	Seep	Seep		Seep	Y	32930106	MP-33	PADEP	40.5305481	-79.11026764
TR-017	MP-33A	Tearing Run	Tearing Run	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32930106	MP-33A	PADEP	40.53083038	-79.11054993
TR-019	SW23	Tearing Run	Tearing Run	Seep	Seep		Seep	Y	32950103	SW23	PADEP	40.50637817	-79.1341629
TR-020	601236	Tearing Run	Tearing Run	Tearing Run	Tearing Run		Stream	N			ICCD	40.51222992	-79.12783813
TR-021	601238	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Un-named trib. To Tearing Run	Discharge	N			ICCD	40.51066971	-79.12587738
TR-022	601239	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Un-named trib. To Tearing Run	Discharge	N			ICCD	40.51066971	-79.12571716
TR-023	601242	Tearing Run	Tearing Run	Treated Discharge	Treated discharge as of 06/02	Tearing Run	Discharge	N			ICCD	40.52898026	-79.14070129
TR-025	601271	Tearing Run	Tearing Run	Tearing Run	Tearing Run		Stream	N			ICCD	40.52801132	-79.12322235
TR-026	601237	Tearing Run	Tearing Run	Spring along Tearing Run	Spring along Tearing Run		Stream	N			ICCD	40.51213837	-79.12654877
TR-027	601240	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Un-named trib. To Tearing Run	Discharge	N			ICCD	40.51054001	-79.12597656
TR-028	601158	Tearing Run	Tearing Run	Un-named trib. To Tearing Run	Un-named trib. To Tearing Run		Stream	N			ICCD	40.53096008	-79.126297
TR-029	601159	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.5304184	-79.1260376
TR-030	601160	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Un-named trib. To Tearing Run	Discharge	N			ICCD	40.53010941	-79.12624359
TR-031	601161	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.53131866	-79.13700104
TR-032	601032	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.53071976	-79.15670776
TR-033	601034	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.52880859	-79.14810181
TR-034	601125	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.51102066	-79.14134216
TR-035	601126	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.51066971	-79.14105988
TR-036	601127	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.50756073	-79.13710785
TR-037	601128	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.50648117	-79.13913727
TR-038	601192	Tearing Run	Tearing Run	Spring along Tearing Run	Spring along Tearing Run		Stream	N			ICCD	40.51317978	-79.14315033

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

SAMPLE POINT	CORRESPONDING SAMPLE ID	MAJOR WATERSHED	SUB WATERSHED	SAMPLE POINT NAME	DESCRIPTION	RECEIVING STREAM	PRIMARY TYPE	MONITORED	DEP PERMIT	DEP POINT	DATA SOURCE	LATITUDE	LONGITUDE
TR-039	601193	Tearing Run	Tearing Run	Spring along Tearing Run	Spring along Tearing Run		Stream	N			ICCD	40.51303101	-79.14295197
TR-040	601194	Tearing Run	Tearing Run	Discharge Sample	Discharge Sample	Tearing Run	Discharge	N			ICCD	40.51303864	-79.14253235
TR-041	601195	Tearing Run	Tearing Run	Spring along Tearing Run	Spring along Tearing Run		Stream	N			ICCD	40.51359177	-79.14318848
TR-042	601196	Tearing Run	Tearing Run	Spring along Tearing Run	Spring along Tearing Run		Stream	N			ICCD	40.51438141	-79.14324951
TR-043	601197	Tearing Run	Tearing Run	Tearing Run	Tearing Run		Stream	N			ICCD	40.52965927	-79.12821198
TR-044	601236	Tearing Run	Tearing Run	Mouth of Unnamed Tearing Trib	Mouth of Unnamed Tearing Trib		Stream	N			ICCD	40.53052139	-79.14331818
TR-045	601033	Tearing Run	Tearing Run	Un-named trib. To Tearing Run	Un-named trib. To Tearing Run		Stream	N			ICCD	40.52986908	-79.15395355
TR-046		Tearing Run	Tearing Run	Tearing Run	Tearing Run at mouth		Stream	Y			Stream Team	40.52999878	-79.16082764
TR-047		Tearing Run	Tearing Run	Snyder No. 2 Mine	Snyder No. 2 Mine	Tearing Run	Discharge	N		161	PADER	40.53173065	-79.13548279
TR-048		Tearing Run	Tearing Run	Snyder No. 1 Mine #1	Snyder No. 1 Mine, Active Treatment, being treated	Tearing Run	Discharge	N		163	PADER	40.52909851	-79.13697052
TR-049		Tearing Run	Tearing Run	Snyder No. 1 Mine #2	Snyder No. 1 Mine discharge, not being treated	Tearing Run	Discharge	N		164	PADER	40.5290184	-79.13733673
TR-050		Tearing Run	Tearing Run	Snyder No. 2 Mine	Snyder No. 2 Mine	Tearing Run	Discharge	N		165	PADER	40.53174973	-79.13551331
TR-052		Tearing Run	Tearing Run	Tearing Run Mine	Tearing Run Mine (Graceton No. 3 Mine)	Lower Twolick Creek	Discharge	N		41	PADER	40.52775955	-79.15213013
TR-053		Tearing Run	Tearing Run	Steward Mine	Steward Mine	Tearing Run	Discharge	N		LYC3-1	PADER	40.53097916	-79.10957336
TR-054	TR-2	Tearing Run	Tearing Run	Tearing Run above discharge	Tearing Run above discharge (Sipos Property)		Stream				IUP	40.53120041	-79.12619781
TR-055	TR-3	Tearing Run	Tearing Run	Tearing Run discharge	Tearing Run discharge (Sipos Property)		Discharge				IUP	40.53079987	-79.12619781
TR-056	TR-4	Tearing Run	Tearing Run	Tearing Run above Snyder Mines	Tearing Run above Snyder Mines		Stream				IUP	40.53160095	-79.13629913
TR-057	MP-23	Tearing Run	Tearing Run	Tearing Run	Tearing Run		Stream		32910102	MP-23	PADEP	40.52806091	-79.12055206
TR-058	MP-35	Tearing Run	Tearing Run	Tearing Run	Tearing Run		Stream		32910102	MP-35	PADEP	40.52999878	-79.10806274
TR-060	3545	Tearing Run	Tearing Run	Drillhole	Lucerne No. 2 Mine, drillhole		Drillhole		32940105		PADEP	40.54249954	-79.11860657
TR-061	MP-22	Tearing Run	Tearing Run	Brush Valley No. 3	Brush Valley No. 3		Stream		32930106	MP-22	PADEP	40.52861023	-79.11554718
TR-062	MP-22A	Tearing Run	Tearing Run	Brush Valley No. 3	Brush Valley No. 3		Stream		32930106	MP-22A	PADEP	40.52861023	-79.11472321
TR-063	MP-22B	Tearing Run	Tearing Run	Brush Valley No. 3	Brush Valley No. 3		Stream		32930106	MP-22B	PADEP	40.5288887	-79.11444092
TR-064	MP-27	Tearing Run	Tearing Run	Brush Valley No. 3	Brush Valley No. 3		Stream		32930106	MP-27	PADEP	40.5336113	-79.11277771
TR-065	MP-3A	Tearing Run	Tearing Run	Monitoring point well	Lucerne No. 2 Mine, monitoring point well		Well		32940105		PADEP	40.54111099	-79.11638641
TR-066	MP-4	Tearing Run	Tearing Run	Monitoring point well	Lucerne No. 2 Mine, monitoring point well		Well		32940105		PADEP	40.54055405	-79.12082672
TR-069	OB-5	Tearing Run	Tearing Run	Drillhole	Brush Valley No. 3, drillhole		Drillhole		32930106	OB-5	PADEP	40.5363884	-79.10973358
TR-070	OB-5A	Tearing Run	Tearing Run	Drillhole	Brush Valley No. 3, drillhole		Drillhole		32930106	OB-5A	PADEP	40.5363884	-79.10973358
TR-071	OB-8	Tearing Run	Tearing Run	Drillhole	Brush Valley No. 3, drillhole		Drillhole		32930106	OB-8	PADEP	40.53138733	-79.10944366
TR-072	OB-88	Tearing Run	Tearing Run	Drillhole	Brush Valley No. 3, drillhole		Drillhole		32930106	OB-88	PADEP	40.53138733	-79.10944366
TR-073	OB-A	Tearing Run	Tearing Run	Drillhole	Brush Valley No. 3, drillhole		Drillhole		32930106	OB-A	PADEP	40.53499985	-79.10888672
TR-074	OB-B	Tearing Run	Tearing Run	Drillhole	Lucerne No. 2 Mine, drillhole		Drillhole		32940105		PADEP	40.5336113	-79.12555695
TR-075	OB-C	Tearing Run	Tearing Run	Drillhole	Brush Valley No. 3, drillhole		Drillhole		32930106	OB-C	PADEP	40.53194427	-79.10888672
TR-076	OB-D	Tearing Run	Tearing Run	Drillhole	Brush Valley No. 3, drillhole		Drillhole		32930106	OB-D	PADEP	40.5308342	-79.10832977
TR-077	OB-D-ULF	Tearing Run	Tearing Run	Drillhole	Brush Valley No. 3, drillhole		Drillhole		32930106	OB-D-ULF	PADEP	40.5308342	-79.10832977
TR-078	MP-6	Tearing Run	Tearing Run	Tearing Run	Tearing Run		Stream		32940105	MP-6	PADEP	40.53972244	-79.11833191
UTLC-002		Upper Two Lick Creek	Penn Run	Waynw #3 / Lynn Widdow & Son Mine	North valley wall of Penn Run	Penn Run	Discharge	N			BCWA	40.63991928	-79.02098846
UTLC-003		Upper Two Lick Creek	Two Lick Creek	Cherry Hill #4	Valley wall of Twolick Creek opposite Sample Run	Lower Twolick Creek	Discharge	N			BCWA	40.65950012	-79.01750183

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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UTLC-011		Upper Two Lick Creek	North Branch Two Lick Creek	Glendale #6 or Empire #8 Mines	Western side of valley of the North Branch Twolick Creek, west of Learn Settlement	North Branch Twolick Creek	Discharge	N			BCWA	40.68889999	-78.96032715
UTLC-012		Upper Two Lick Creek	North Branch Two Lick Creek	Crop Seep	Near tipple along the North Branch twolick Creek, north of Commodore-5	North Branch Twolick Creek	Discharge	N			BCWA	40.69385147	-78.95847321
UTLC-013	33	Upper Two Lick Creek	Pompey Run	Estepe Mine discharge	South side of Pompey Run northwest of Learn Settlement	Pompey Run	Discharge	N			BCWA	40.69812012	-78.95339966
UTLC-014	33	Upper Two Lick Creek	Pompey Run	Refuse Pile discharge	South side of Pompey Run northwest of Learn Settlement	Pompey Run	Discharge	N			BCWA	40.69684982	-78.9513092
UTLC-017	38A	Upper Two Lick Creek	Buck Run	Seeps along Buck Run	Eastern side of valley of un-named tributary to Buck Run	Buck Run	Seep	N			BCWA	40.68840027	-78.99804688
UTLC-018	38B	Upper Two Lick Creek	Buck Run	Seeps along Buck Run	Eastern side of valley of un-named tributary to Buck Run	Buck Run	Seep	N			BCWA	40.6897583	-78.99933624
UTLC-019	32	Upper Two Lick Creek	South Branch Two Lick Creek	Deep Mine Discharge	Deep Mine Discharge	South Branch Twolicl Creek	Discharge	N			BCWA	40.67432022	-78.88085175
UTLC-020	32	Upper Two Lick Creek	South Branch Two Lick Creek	Deep Mine Discharge	Deep Mine Discharge	South Branch Twolicl Creek	Discharge	N			BCWA	40.67235184	-78.89441681
UTLC-021	37	Upper Two Lick Creek	Buck Run	Seep	Seep	Buck Run	Seep	N			BCWA	40.6853714	-78.99230957
UTLC-023		Upper Two Lick Creek	Dixion Run	Discharge	Discharge	Lower Twolick Creek	Discharge	N			BCWA	40.75563049	-79.00646973
UTLC-024	MP-2	Upper Two Lick Creek	Buck Run	Seep	Seep		Seep	Y	32900102	MP-2	PADEP	40.67583084	-79.00666046
UTLC-025	MP-38	Upper Two Lick Creek	Dixion Run	Seep from old strip	Seep from old strip		Seep	Y	32980111	MP-38	PADEP	40.71944046	-78.98999786
UTLC-026	MP-39	Upper Two Lick Creek	Dixion Run	Seep from old strip	Seep from old strip		Seep	Y	32980111	MP-39	PADEP	40.72000122	-78.99054718
UTLC-027	MP-16	Upper Two Lick Creek	Two Lick Creek	Deep mine discharge	Deep mine discharge		Discharge	Y	32990111	MP-16	PADEP	40.67610931	-78.97055054
UTLC-028	MP-2	Upper Two Lick Creek	Penn Run	Mahoning Deep mine discharge	Mahoning Deep mine discharge		Discharge	Y	32000103	MP-2	PADEP	40.60860825	-79.02333069
UTLC-029	MP-3	Upper Two Lick Creek	Penn Run	Mahoning Deep mine discharge	Mahoning Deep mine discharge		Discharge	Y	32000103	MP-3	PADEP	40.60887909	-79.0230484
UTLC-031	MP-4	Upper Two Lick Creek	Buck Run	Pontami Mine - Discharge # 1	Pontami Mine - Discharge # 1	Buck Run	Discharge	Y	32880102	MP-4	PADEP	40.70804977	-78.98332977
UTLC-033	8	Upper Two Lick Creek	North Branch Two Lick Creek	Deep Mine Discharge	Deep Mine Discharge		Discharge	Y	32880109	8	PADEP	40.70222092	-78.96221924
UTLC-035	WQN0854	Upper Two Lick Creek	South Branch Two Lick Creek	S. Branch Twolick	S. Branch Twolick Creek, SB Two Lick Creek near Wandin Junction, PA		Stream	N		WQN0854	PADEP	40.67472076	-78.94444275
UTLC-036	301395	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.65256119	-79.01014709
UTLC-037	301396	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.64973068	-79.01036835
UTLC-038	401069	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.64004135	-79.00920868
UTLC-039	401070	Upper Two Lick Creek	Penn Run	Penn Run	Penn Run		Stream	N			ICCD	40.63985825	-79.00914764
UTLC-040	401068	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63880157	-79.0104599
UTLC-041	401067	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63782883	-79.01138306
UTLC-042	401071	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63822174	-79.00727844
UTLC-043	401066	Upper Two Lick Creek	Penn Run	Penn Run	Un-named trib. To Penn Run		Stream	N			ICCD	40.63338089	-79.01410675

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UTLC-044	1200339	Upper Two Lick Creek	North Branch Two Lick Creek	North Branch Twolick Creek	North Branch Twolick Creek		Stream	N			ICCD	40.72206879	-78.94228363
UTLC-045	101297	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.72129059	-78.94306183
UTLC-046	101298	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.72085953	-78.94297028
UTLC-047	101296	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.72066116	-78.94309998
UTLC-050	1200412	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.71060944	-78.94689941
UTLC-051	1200413	Upper Two Lick Creek	North Branch Two Lick Creek	Northbranch Twolick Creek	North Branch Twolick Creek		Stream	N			ICCD	40.71166992	-78.94509125
UTLC-052	1200415	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.71147156	-78.9413681
UTLC-055	1200339	Upper Two Lick Creek	North Branch Two Lick Creek	North Branch Twolick Creek	North Branch Twolick Creek		Stream	N			ICCD	40.71907043	-78.92537689
UTLC-057	101300	Upper Two Lick Creek	North Branch Two Lick Creek	North Branch Twolick Creek	North Branch Twolick Creek		Stream	N			ICCD	40.70864105	-78.95967865
UTLC-058	1200343	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.70814896	-78.95568085
UTLC-059	1200342	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.70756912	-78.95661163
UTLC-060	1200346	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.70568848	-78.95748138
UTLC-062	1200344	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.70293045	-78.96238708
UTLC-063	1200337	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.70149994	-78.95954895
UTLC-064	1200336	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.70064926	-78.96016693
UTLC-065	1200345	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.70040131	-78.95908356
UTLC-066	101301	Upper Two Lick Creek	Pompey Run	Pompey Run	Pompey Run at mouth		Stream	N			ICCD	40.69977951	-78.95487976
UTLC-068	1200332	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.69210815	-78.96211243
UTLC-069	1200334	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.69208145	-78.96196747
UTLC-071	1200331	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.6897583	-78.96346283
UTLC-074	1200327	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.68722153	-78.96616364
UTLC-075	1200328	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.68716812	-78.96630096
UTLC-076	1200140	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.686409	-78.96788788
UTLC-077	301502	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.64089966	-79.01812744
UTLC-079	301504	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63571167	-79.01331329
UTLC-080	301505	Upper Two Lick Creek	Penn Run	Penn Run	Penn Run		Stream	N			ICCD	40.63478088	-79.01360321
UTLC-081	301506	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63714981	-79.0184021
UTLC-082	301507	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63772964	-79.01937103

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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UTLC-083	301508	Upper Two Lick Creek	Penn Run	Penn Run	Penn Run		Stream	N			ICCD	40.63816071	-79.01981354
UTLC-084	401039	Upper Two Lick Creek	Penn Run	Penn Run Sample	Penn Run Sample	Penn Run	Stream	N			ICCD	40.6385498	-79.02494812
UTLC-085	401040	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63682175	-79.02810669
UTLC-086	401041	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63671875	-79.02844238
UTLC-087	401042	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63682175	-79.03130341
UTLC-088	401043	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.63647079	-79.03192139
UTLC-089	401044	Upper Two Lick Creek	Penn Run	Penn Run	Penn Run		Stream	N			ICCD	40.63637161	-79.03244781
UTLC-091	401118	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge Sample	Discharge Sample	North Branch Twolick Creek	Discharge	N			ICCD	40.70951843	-78.93560791
UTLC-092	601444	Upper Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge Sample	Sample Run	Discharge	N			ICCD	40.6628418	-79.03659821
UTLC-094	601446	Upper Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge Sample	Sample Run	Discharge	N			ICCD	40.66123962	-79.03720856
UTLC-096	301358	Upper Two Lick Creek	Penn Run	Discharge Sample	Discharge Sample	Penn Run	Discharge	N			ICCD	40.64606857	-79.00684357
UTLC-098	2	Upper Two Lick Creek	Dixion Run	Discharge Sample	Discharge Sample	Dixion Run	Discharge	N			ICCD	40.6823082	-79.01326752
UTLC-099	3	Upper Two Lick Creek	Dixion Run	Discharge Sample	Discharge Sample	Dixion Run	Discharge	N			ICCD	40.68564987	-79.01246643
UTLC-100	4	Upper Two Lick Creek	Dixion Run	Dixion Run	Dixion Run		Stream	N			ICCD	40.70840836	-79.00972748
UTLC-101	5	Upper Two Lick Creek	Dixion Run	Dixion Run	Dixion Run		Stream	N			ICCD	40.73461914	-79.00524902
UTLC-103	7	Upper Two Lick Creek	North Branch Two Lick Creek	North Branch Two Lick Creek	North Branch Two Lick Creek		Stream	N			ICCD	40.71072006	-78.92964172
UTLC-104	8	Upper Two Lick Creek	North Branch Two Lick Creek	Mouth of North Branch Two Lick Creek	Mouth of North Branch Two Lick Creek		Stream	N			ICCD	40.67607117	-78.96292114
UTLC-106	10	Upper Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge Sample	Twolick Creek	Discharge	N			ICCD	40.66230011	-78.98139954
UTLC-107	11	Upper Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge Sample	Twolick Creek	Discharge	N			ICCD	40.66246033	-78.9821167
UTLC-108	12	Upper Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge Sample	Twolick Creek	Discharge	N			ICCD	40.6696701	-78.99478912
UTLC-110	14	Upper Two Lick Creek	Two Lick Creek	TLC DS of Buck Run and Dixion Run	Two Lick Creek Downstream of Buck Run		Stream	N			ICCD	40.66526031	-79.01568604
UTLC-111	15	Upper Two Lick Creek	Two Lick Creek	Two Lick Creek	Two Lick Creek		Stream	N			ICCD	40.65217972	-79.03372955
UTLC-112	16	Upper Two Lick Creek	Two Lick Creek	Two Lick Creek	Two Lick Creek		Stream	N			ICCD	40.66466904	-78.97133636
UTLC-113	41	Upper Two Lick Creek	Two Lick Creek	Two Lick Creek	Two Lick Creek		Stream	N			ICCD	40.66407013	-78.97364807
UTLC-114	42	Upper Two Lick Creek	Two Lick Creek	Discharge Sample	Discharge Sample	Twolick Creek	Discharge	N			ICCD	40.66442871	-78.98158264
UTLC-120	53	Upper Two Lick Creek	Buck Run	Buck Run	Buck Run		Stream	N			ICCD	40.67602158	-79.00229645
UTLC-121	54	Upper Two Lick Creek	Buck Run	Discharge Sample	Discharge Sample	Buck Run	Discharge	N			ICCD	40.67959976	-78.99826813

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UTLC-122	55	Upper Two Lick Creek	Buck Run	Discharge Sample	Discharge Sample	Buck Run	Discharge	N			ICCD	40.68011856	-78.99815369
UTLC-123	56	Upper Two Lick Creek	Buck Run	Buck Run	Buck Run		Stream	N			ICCD	40.67885971	-79.00013733
UTLC-124	57	Upper Two Lick Creek	Buck Run	Buck Run	Buck Run		Stream	N			ICCD	40.68098068	-78.99886322
UTLC-126	59	Upper Two Lick Creek	Buck Run	Discharge Sample	Discharge Sample	Buck Run	Discharge	N			ICCD	40.68450928	-78.99394226
UTLC-127	60	Upper Two Lick Creek	Buck Run	Buck Run	Buck Run		Stream	N			ICCD	40.68664169	-78.99159241
UTLC-128	61	Upper Two Lick Creek	Buck Run	Discharge Sample	Discharge Sample	Buck Run	Discharge	N			ICCD	40.68804932	-78.99928284
UTLC-131	501079	Upper Two Lick Creek	South Branch Two Lick Creek	South Branch Two Lick	South Branch Two Lick		Stream	N			ICCD	40.67335129	-78.93670654
UTLC-132		Upper Two Lick Creek	Buck Run	Mouth of Buck Run	Mouth of Buck Run		Stream	Y			Stream Team	40.67277145	-79.00332642
UTLC-134		Upper Two Lick Creek	Penn Run	Penns Run	Penns Run		Stream	Y			Stream Team	40.63777161	-79.03694153
UTLC-135		Upper Two Lick Creek	Two Lick Creek	Penn Hills Treatment Sys #2	Penn Hills Treatment Sys	Twolick Creek	System	Y			Stream Team	40.63694	-79.03887939
UTLC-136		Upper Two Lick Creek	Penn Run	Penn Hills Treatment Sys #3	Penn Hills Treatment Sys	Twolick Creek	System	Y			Stream Team	40.63750076	-79.03777313
UTLC-137		Upper Two Lick Creek	Two Lick Creek	Sample Run	Sample Run		Stream	Y			Stream Team	40.65721893	-79.03111267
UTLC-139		Upper Two Lick Creek	Dixion Run	Victor No. 26 Mine #1	Victor No. 26 Mine	Dixion Run	Discharge	N		11	PADER	40.70351028	-79.00475311
UTLC-140		Upper Two Lick Creek	Buck Run	Pontami Mine	Pontami Mine - Discharge # 2	Buck Run	Discharge	N		110	PADER	40.70795059	-78.983078
UTLC-141		Upper Two Lick Creek	North Branch Two Lick Creek	Commodore No. 1 Mine #1	Commodore No. 1 Mine	North Branch Twolick Creek	Discharge	N		116	PADER	40.71976089	-78.94239807
UTLC-142		Upper Two Lick Creek	Two Lick Creek	Cherry Hill No. 3	Cherry Hill No. 3	Upper Tewlick	Discharge	N		118	PADER	40.66341019	-78.98104858
UTLC-143		Upper Two Lick Creek	Dixion Run	Victor No. 26 Mine #2	Victor No. 26 Mine	Dixion Run	Discharge	N		12	PADER	40.70240021	-79.00556183
UTLC-145		Upper Two Lick Creek	Dixion Run	Victor No. 29 Mine, seeps. (IUP site 2)	Victor No. 29 Mine, multiple seeps just north of Clymer off Penn Street and Dixonville Road. IUP Two Lick site 2.	Dixion Run	Discharge	N		130	PADER	40.67853928	-79.01384735
UTLC-146		Upper Two Lick Creek	Buck Run	Rodkey Mine #1	Rodkey Mine	Dixion Run	Discharge	N		130	PADER	40.67819977	-78.99725342
UTLC-147		Upper Two Lick Creek	Dixion Run	Victor No. 29 Mine	Victor No. 29 Mine	Dixion Run	Discharge	N		131	PADER	40.68085098	-79.01287842
UTLC-148		Upper Two Lick Creek	Buck Run	Rodkey Mine #1 (IUP site 3)	Rodkey Mine, discharge from high up on hillside, IUP Two Lick site 3. Two Lick Scarlift Site	Buck Run	Discharge	N		133	PADER	40.68292999	-78.99469757
UTLC-149		Upper Two Lick Creek	Dixion Run	Victor No. 29 Mine	Victor No. 29 Mine	Dixion Run	Discharge	N		134	PADER	40.67570114	-79.01525116
UTLC-150		Upper Two Lick Creek	North Branch Two Lick Creek	Capizzi Mine #1	Capizzi Mine	Buck Run	Discharge	N		135	PADER	40.7045517	-78.97212219
UTLC-151		Upper Two Lick Creek	Buck Run	Capizzi Mine #2	Capizzi Mine	Buck Run	Discharge	N		137	PADER	40.70125961	-78.97228241
UTLC-152		Upper Two Lick Creek	Two Lick Creek	Mack No. 2 Mine	Mack No. 2 Mine	Upper Twolick	Discharge	N		138	PADER	40.66530991	-78.98045349
UTLC-153		Upper Two Lick Creek	Two Lick Creek	Swank No. 6 Mine	Swank No. 6 Mine	Upper Twolick	Discharge	N		140	PADER	40.66817856	-78.99333954

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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UTLC-154		Upper Two Lick Creek	Dixon Run	Randolph No. 2 Mine	Randolph No. 2 Mine	Dixon Run	Discharge	N		142	PADER	40.71540833	-79.00540161
UTLC-155		Upper Two Lick Creek	Dixon Run	Victor No. 27	Victor No. 27	Dixon Run	Discharge	N		143	PADER	40.71894836	-79.00766754
UTLC-156		Upper Two Lick Creek	Dixon Run	Hess Mine and Black Bank Mine	Hess Mine and Black Bank Mine	Dixon Run	Discharge	N		144	PADER	40.72827911	-79.00572205
UTLC-157		Upper Two Lick Creek	Two Lick Creek	Clymer Mine No. 1	Clymer Mine No. 1	Upper Twolick	Discharge	N		17	PADER	40.66464996	-79.03759766
UTLC-158		Upper Two Lick Creek	North Branch Two Lick Creek	Estep Mine	Estep Mine	North Branch Twolick Creek	Discharge	N		178	PADER	40.70983887	-78.96092987
UTLC-159		Upper Two Lick Creek	Penn Run	Hess Mine	Hess Mine	Penn Run	Discharge	N		198	PADER	40.63304138	-79.01532745
UTLC-160		Upper Two Lick Creek	Dixon Run	P & G Coal Co. Mine #1	P & G Coal Co. Mine #1	Dixon Run	Discharge	N		2	PADER	40.74340057	-79.00575256
UTLC-161		Upper Two Lick Creek	Buck Run	Rodkey Mine #1	Rodkey Mine	Buck Run	Discharge	N		201	PADER	40.68564987	-78.97947693
UTLC-162		Upper Two Lick Creek	Buck Run	Rodkey Mine #2	Rodkey Mine	Buck Run	Discharge	N		202	PADER	40.6853714	-78.98867798
UTLC-163		Upper Two Lick Creek	Buck Run	Rodkey Mine #3	Rodkey Mine	Buck Run	Discharge	N		203	PADER	40.68547821	-78.98954773
UTLC-164		Upper Two Lick Creek	Buck Run	Rodkey Mine #4	Rodkey Mine	Buck Run	Discharge	N		204	PADER	40.68561935	-78.9906311
UTLC-165		Upper Two Lick Creek	Buck Run	Rodkey Mine #5	Rodkey Mine	Buck Run	Discharge	N		205	PADER	40.68156052	-78.99585724
UTLC-166		Upper Two Lick Creek	Buck Run	McKean Mine	McKean Mine	Buck Run	Discharge	N		210	PADER	40.69163132	-78.98840332
UTLC-167		Upper Two Lick Creek	North Branch Two Lick Creek	Empire Mine No. 7 #1	Empire Mine No. 7	North Branch Twolick Creek	Discharge	N		214	PADER	40.68696976	-78.96618652
UTLC-168		Upper Two Lick Creek	North Branch Two Lick Creek	Empire Mine No. 7 #2	Empire No. 7 Mine	North Branch Twolick Creek	Discharge	N		216	PADER	40.69842148	-78.96073914
UTLC-169		Upper Two Lick Creek	North Branch Two Lick Creek	Empire No. 8 Mine	Empire No. 8 Mine	North Branch Twolick Creek	Discharge	N		217	PADER	40.68535995	-78.96283722
UTLC-170		Upper Two Lick Creek	Dixon Run	Edwards Mine (Dixon #1, #2, & #3 Mines)	Edwards Mine (Dixon #1, #2, & #3 Mines)	Dixon Run	Discharge	N		218	PADER	40.73001099	-79.00244904
UTLC-171		Upper Two Lick Creek	North Branch Two Lick Creek	Capizzi Mine #3	Capizzi Mine	Buck Run	Discharge	N		220	PADER	40.70539856	-78.97096252
UTLC-172		Upper Two Lick Creek	Penn Run	Heilwood No. 8 Mine	Heilwood No. 8 Mine	Upper Yellow Creek	Discharge	N		226	PADER	40.62501907	-79.01648712
UTLC-173		Upper Two Lick Creek	Two Lick Creek	Cherryhill No. 1 and Victor No. 47 Mines	Cherryhill No. 1 and Victor No. 47 Mines, Surface mine discharge below Clymer	Upper Twolick	Discharge	N		23	PADER	40.65174103	-79.02707672
UTLC-174		Upper Two Lick Creek	Two Lick Creek	Cherryhill No. 1	Cherryhill No. 1	Upper Twolick	Discharge	N		251	PADER	40.65164185	-79.02700043
UTLC-175		Upper Two Lick Creek	Dixon Run	Edwards Bros. Mines	Edwards Bros. Mines	Dixon Run	Discharge	N		3	PADER	40.73875046	-79.0083313
UTLC-176		Upper Two Lick Creek	Dixon Run	Edwards Mine (Dixon #1, #2, & #3 Mines)	Edwards Mine (Dixon #1, #2, & #3 Mines)	Dixon Run	Discharge	N		4	PADER	40.73519897	-79.00245667
UTLC-177		Upper Two Lick Creek	North Branch Two Lick Creek	Myers Mine	Myers Mine	North Branch Twolick Creek	Discharge	N		52	PADER	40.73548889	-78.93624878
UTLC-178		Upper Two Lick Creek	North Branch Two Lick Creek	Commadore No. 3 Mine	Commadore No. 3 Mine	North Branch Twolick Creek	Discharge	N		54	PADER	40.71976089	-78.9450531
UTLC-179		Upper Two Lick Creek	North Branch Two Lick Creek	Buterbaugh Mine/Harve Mack Mine #1	Buterbaugh Mine and Harve Mack Mine	North Branch Twolick Creek	Discharge	N		57	PADER	40.70470047	-78.9588623

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

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UTLC-180		Upper Two Lick Creek	North Branch Two Lick Creek	Buterbaugh Mine/Harve Mack Mine #2 (IUP site 12)	Buterbaugh Mine and Harve Mack Mine. Mine blowout near the village of Starford. Possible room for treatment. IUP Two Lick site 12. Two Lick Scarlift site.	North Branch Twolick Creek	Discharge	N		58	PADER	40.70296097	-78.9608078
UTLC-181		Upper Two Lick Creek	North Branch Two Lick Creek	Buterbaugh Mine/Harve Mack Mine #3	Buterbaugh Mine and Harve Mack Mine	North Branch Twolick Creek	Discharge	N		59	PADER	40.70325851	-78.96035004
UTLC-182		Upper Two Lick Creek	Two Lick Creek	Wanchisn Mine	Wanchisn Mine	Upper Twolick	Discharge	N		67	PADER	40.67496872	-78.98741913
UTLC-183		Upper Two Lick Creek	Dixion Run	Victor No. 27	Victor No. 27	Dixion Run	Discharge	N		8	PADER	40.71635818	-79.00935364
UTLC-184		Upper Two Lick Creek	Dixion Run	Randolph No. 2 Mine	Randolph No. 2 Mine	Un-named Tributary To Dixion Run	Discharge	N		BR1-1	PADER	40.7076416	-78.99550629
UTLC-185		Upper Two Lick Creek	Buck Run	A. K. Wright Mine	A. K. Wright Mine	Un-named Tributary To Buck Run	Discharge	N		BR2-1	PADER	40.68661118	-78.97807312
UTLC-186		Upper Two Lick Creek	Dixion Run	Hess Mine and Black Bank Mine	Hess Mine and Black Bank Mine	Un-named Tributary To Dixion Run	Discharge	N		DR2-1	PADER	40.72303009	-79.00906372
UTLC-187		Upper Two Lick Creek	Dixion Run	F. F. & K. Mine	F. F. & K. Mine	Un-named Tributary To Dixion Run	Discharge	N		DR3-1	PADER	40.70700073	-78.9958725
UTLC-188		Upper Two Lick Creek	North Branch Two Lick Creek	First Street Drift Mine (IUP site 14)	First Street Drift Mine, Impacted flo off hillside just outside of Commodore, piped under the road. Two Lick Creek Scarlift site.	North Branch Twolick Creek	Discharge	N		NB2-1	PADER	40.71395874	-78.94580078
UTLC-189		Upper Two Lick Creek	North Branch Two Lick Creek	Strip Mine	Strip Mine	North Branch Twolick Creek	Discharge	N		NB2-2	PADER	40.70843887	-78.9405365
UTLC-190		Upper Two Lick Creek	Penn Run	Cherry Hill No. 4	Cherry Hill No. 4	Penn Run	Discharge	N		PR2-1	PADER	40.63616943	-79.01055908
UTLC-191		Upper Two Lick Creek	Two Lick Creek	Discharge Southwest of Clymer (IUP site 1)	High flow discharge from waste piles and deep mine. IUP Two Lick site 1.	Un-named Tributary to Twolick Creek	Discharge	N			IUP	40.66130829	-79.03601074
UTLC-192		Upper Two Lick Creek	North Branch Two Lick Creek	Discharge to NB Two Lick Creek (IUP site 10)	Impacted flow over shale rocks near IUP Two Lick site 9, left side of road. IUP Two Lick site 10	Twolick Creek	Discharge	N			IUP	40.68714905	-78.96482086
UTLC-193		Upper Two Lick Creek	North Branch Two Lick Creek	Discharge to NB Two Lick Creek (IUP site 11)	Flow from left side of road from a wetland, flows under road into another wetland.	North Branch Twolick Creek	Discharge	N			IUP	40.68835831	-78.9640274
UTLC-196		Upper Two Lick Creek	North Branch Two Lick Creek	TLC Upstream Sampling Point	Two Lick Creek Upstream Sampling Point		Stream	Y			IUP	40.70502853	-78.95674896
UTLC-197		Upper Two Lick Creek	North Branch Two Lick Creek	Discharge to NB Two Lick Creek (IUP site 13)	Impacted flow beside/behind Betty Lou's Restaurant. Small wetland that may be used for treatment. IUP Two Lick site 13.	North Branch Twolick Creek	Discharge	N			IUP	40.70877838	-78.95333862
UTLC-198		Upper Two Lick Creek	North Branch Two Lick Creek	TLC Upstream of IUP Site 13	Two Lick Creek Upstream of IUP Site 13		Stream	Y			IUP	40.71025085	-78.94776154
UTLC-200		Upper Two Lick Creek	North Branch Two Lick Creek	TLC Upstream of IUP Site 14	Two Lick Creek Upstream of IUP Site 14		Stream	Y			IUP	40.71580124	-78.94445801
UTLC-201		Upper Two Lick Creek	North Branch Two Lick Creek	Commodore No. 1 Mine (IUP site 15)	Deep mine vent near car junkyard in Clymer. Very high flow. Two Lick Creek Scarlift Point. IUP Two Lick site 15.	North Branch Twolick Creek	Discharge	N			IUP	40.7115593	-78.94055939

BLACKLICK CREEK WATERSHED
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UTLC-202		Upper Two Lick Creek	North Branch Two Lick Creek	TLC Downstream of IUP Site 15	Two Lick Creek Downstream of IUP Site 15		Stream	Y			IUP	40.71141052	-78.94072723
UTLC-203		Upper Two Lick Creek	North Branch Two Lick Creek	TLC Upstream of IUP Site 15	Two Lick Creek Upstream of IUP Site 15		Stream	Y			IUP	40.71141052	-78.94062042
UTLC-204		Upper Two Lick Creek	Two Lick Creek	Discharge to Two Lick Creek (IUP site 16)	Impaired flow into Two Lick Creek. IUP Two Lick site 16.	North Branch Twolick Creek	Discharge	N			IUP	40.6738205	-78.96492767
UTLC-205		Upper Two Lick Creek	North Branch Two Lick Creek	Discharge to NB Two Lick Creek (IUP site 17)	Discharge in the upper part of NB Two Lick. IUP Two Lick site 17.	North Branch Twolick Creek	Discharge	Y			IUP	40.71049118	-78.92932892
UTLC-206		Upper Two Lick Creek	North Branch Two Lick Creek	Discharge to NB Two Lick Creek (IUP site 18)	Discharge on the left side of Starford Road. Relatively minor discharge. Near IUP site 11.	North Branch Twolick Creek	Discharge	N			IUP	40.69215012	-78.96121979
UTLC-207	TL-19	Upper Two Lick Creek	North Branch Two Lick Creek	Discharge to NB Two Lick Creek (IUP site 19)	Impaired flow into NB Two Lick Creek at Commodore. IUP Two Lick site 19.	North Branch Twolick Creek	Discharge	N			IUP	40.71157074	-78.94042969
UTLC-208		Upper Two Lick Creek	Two Lick Creek	TLC DS of Sample Run	Two Lick Creek Downstream of Sample Run		Stream	Y			IUP	40.65652084	-79.03125763
UTLC-209		Upper Two Lick Creek	Two Lick Creek	TLC US of Sample Run	Two Lick Creek Upstream of Sample Run		Stream	Y			IUP	40.6568985	-79.03069305
UTLC-211		Upper Two Lick Creek	Dixion Run	TLC Downstream of IUP site 2	Two Lick Creek Downstream of IUP site 2		Stream	Y			IUP	40.67364883	-79.01558685
UTLC-212		Upper Two Lick Creek	Dixion Run	TLC Upstream of IUP site 2	Two Lick Creek Upstream of IUP site 2		Stream	Y			IUP	40.68032837	-79.01409912
UTLC-213		Upper Two Lick Creek	Buck Run	TLC Downstream of IUP site 3	Two Lick Creek Downstream of IUP site 3		Stream	Y			IUP	40.68360138	-78.99601746
UTLC-214		Upper Two Lick Creek	Buck Run	TLC Upstream of IUP site 4	Two Lick Creek Upstream of IUP site 4		Stream	Y			IUP	40.68447113	-78.9954071
UTLC-215		Upper Two Lick Creek	Two Lick Creek	TLC Downstream of IUP site 5	Two Lick Creek Downstream of IUP site 5		Stream	Y			IUP	40.67082977	-78.99176788
UTLC-217		Upper Two Lick Creek	Two Lick Creek	Discharge to Two Lick Creek (IUP site 7)	Large flow from underground source piped under Rt. 403. Previous efforts for treatment not operating properly.	Upper Twolick Creek	Discharge	N			IUP	40.66387939	-78.98030853
UTLC-218		Upper Two Lick Creek	Two Lick Creek	TLC Downstream of IUP site 7	Two Lick Creek Downstream of IUP site 7		Stream	Y			IUP	40.66413879	-78.98069763
UTLC-219		Upper Two Lick Creek	Two Lick Creek	TLC Upstream of IUP site 7	Two Lick Creek Upstream of IUP site 7		Stream	Y			IUP	40.66374969	-78.98001099
UTLC-220		Upper Two Lick Creek	Two Lick Creek	Diamondville Discharge	Diamondville Discharge (IUP site TL-8)	Upper Twolick Creek	Discharge	N			IUP	40.66521454	-78.97202301
UTLC-221		Upper Two Lick Creek	Two Lick Creek	TLC DS of Diamondville Discharge	Two Lick Creek Downstream of Diamondville Discharge		Stream	Y			IUP	40.66622162	-78.97212982
UTLC-222		Upper Two Lick Creek	Two Lick Creek	TLC US of Diamondville Discharge	Two Lick Creek Upstream of Diamondville Discharge		Stream	Y			IUP	40.66312027	-78.96897125
UTLC-223		Upper Two Lick Creek	North Branch Two Lick Creek	Discharge to NB Two Lick Creek (IUP site 9)	Impacted narrow flow draining through a yard, under the road and into NB Two Lick Creek. IUP Two Lick site 9.	Un-named Tributary to North Branch Twolick Creek	Discharge	N			IUP	40.68619919	-78.96542358
UTLC-224		Upper Two Lick Creek	North Branch Two Lick Creek	TLC Downstream of IUP site 9	Two Lick Creek Downstream of IUP site 9		Stream	Y			IUP	40.68214035	-78.96440887
UTLC-226	3042055	Upper Two Lick Creek	Dixion Run	Unnamed Trib to Dixion Run	Unnamed Tributary to Dixion Run at Dixionville, PA		Stream	N			USGS	40.71250153	-79.01416016
UTLC-227	3042045	Upper Two Lick Creek	North Branch Two Lick Creek	Unnamed Trib to NB Two Lick	Unn Trib to NB Two Lick Creek at Commodore, PA		Stream	N			USGS	40.71221924	-78.94026947

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UTLC-228	3042061	Upper Two Lick Creek	Dixion Run	Dixion Run	Dixion Run at Clymer, PA		Stream	N			USGS	40.67026901	-79.01499939
UTLC-229	3042075	Upper Two Lick Creek	Two Lick Creek	Two Lick Clymer	Two Lick Creek near Clymer, PA		Stream	N			USGS	40.64554977	-79.03665924
UTLC-231		Upper Two Lick Creek	Buck Run	Discharge to Buck Run (IUP site 4)	Significant flow in small trib to Buck Run, flowas between houses then piped under road, IUP Tow Lick site 4.	Buck Run	Discharge	N			IUP	40.68492889	-78.99600983
UTLC-232		Upper Two Lick Creek	Two Lick Creek	Large Seep to Two Lick Creek (IUP site 5)	Large Seep/drainage from hillside. Drains uner Rt. 403 then to Two Lick Creek. IUP Two Lick site 5	Twolick Creek	Discharge	N			IUP	40.66844177	-78.99080658
UTLC-233		Upper Two Lick Creek	Two Lick Creek	Strip and Waste Pile runoff (IUP site 6)	Impacted tributary draining a former strip mine and waste/refuse piles.	Twolick Creek	Discharge	N			IUP	40.67169189	-78.99233246
UTLC-234	UT-1	Upper Two Lick Creek	South Branch Two Lick Creek	South Branch Twolick Creek	South Branch Twolick Creek.downstream from treatment plant		Stream				IUP	40.67269897	-78.89450073
UTLC-235	UT-2	Upper Two Lick Creek	Pompey Run	Starford Area - Refuse Piles	Starford Area - Refuse Piles etc.		Discharge				IUP	40.69940186	-78.95700073
UTLC-236	UT-3	Upper Two Lick Creek	Two Lick Creek	Surface mine discharge below Clymer	Sample at discharge.Surface mine discharge below Clymer		Discharge				IUP	40.65599823	-79.02469635
UTLC-238	MP-15	Upper Two Lick Creek	Dixion Run	Dixion Run	Dixion Run		Stream		32910102		PADEP	40.68278122	-79.01389313
UTLC-240	MP-41	Upper Two Lick Creek	Pompey Run	Pompey Run	Pompey Run		Stream		32860110	MP-41	PADEP	40.69916916	-78.95194244
UTLC-241	MP-46	Upper Two Lick Creek	North Branch Two Lick Creek	North Branch	North Branch		Stream		32860110	MP-46	PADEP	40.69944	-78.95834351
UTLC-242	MP-67	Upper Two Lick Creek	North Branch Two Lick Creek	North Branch	North Branch		Stream		32860110	MP-67	PADEP	40.68999863	-78.96138763
UTLC-243	F	Upper Two Lick Creek	Pompey Run	Aulds Run No. 3	Aulds Run No. 3		System		32860109	F	PADEP	40.69666672	-78.9411087
UTLC-244	MP-4	Upper Two Lick Creek	Pompey Run	Starford #2 Discharge	Starford #2 Discharge		Discharge		32890106	MP-4	PADEP	40.69666672	-78.9411087
UTLC-245	MP-5	Upper Two Lick Creek	North Branch Two Lick Creek	Starford #2	Starford #2		Stream		32880109	MP-5	PADEP	40.69610977	-78.95944214
UTLC-246	MP-6	Upper Two Lick Creek	North Branch Two Lick Creek	Starford #2	Starford #2		Stream		32880109	MP-6	PADEP	40.69610977	-78.9597168
UTLC-247	10	Upper Two Lick Creek	North Branch Two Lick Creek	Two Lick Cr.	Two Lick Cr.		Stream		32800104	10	PADEP		
UTLC-248	CB-10	Upper Two Lick Creek	Dixion Run	Dixion Run below	Dixion Run below		Stream		32823066	CB-10	PADEP		
UTLC-249	MP-1	Upper Two Lick Creek	Buck Run	Buck Run above	Buck Run above		Stream		32880102	MP-1	PADEP	40.70833206	-78.98500061
UTLC-250	MP-1	Upper Two Lick Creek	Two Lick Creek	Two lick Cr.	Two lick Cr.		Stream		32990111	MP-1	PADEP	40.67222214	-78.99388885
UTLC-251	MP-2	Upper Two Lick Creek	Buck Run	Buck Run below	Buck Run below		Stream		32880102	MP-2	PADEP	40.70750046	-78.98695374
UTLC-252	MP-4	Upper Two Lick Creek	Whitaked Run	Two lick Cr.	Two lick Cr.		Stream		32990111	MP-4	PADEP	40.66305542	-78.93611145
UTLC-253		Upper Two Lick Creek	South Branch Two Lick Creek	TLC Mouth of the South Branch	Two Lick Creek Mouth of South Branch		Stream				PADEP-BAMR	40.67378616	-78.96296692
UTLC-254		Upper Two Lick Creek	Two Lick Creek	TLC DS of Confluence of Branches	Two Lick Creek Downstream from Confluence of Branches		Stream				PADEP-BAMR	40.67361069	-78.96414948
UTLC-255		Upper Two Lick Creek	Two Lick Creek	TLC UpStream of Buck Run	Two Lick Creek Upstream of Buck Run		Stream				PADEP-BAMR	40.6710968	-79.00122833

BLACKLICK CREEK WATERSHED
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UYC-001		Upper Yellow Creek	Yellow Creek	Discharge	Discharge	Upper Yellow Creek	Discharge	N			BCWA	40.61592865	-78.92064667
UYC-002		Upper Yellow Creek	Yellow Creek	Refuse Pile	Refuse Pile	Upper Yellow Creek	Seep	N			BCWA	40.61510849	-78.91767883
UYC-003		Upper Yellow Creek	Little Yellow Creek	Discharge	Discharge	Little Yellow Creek	Discharge	N			BCWA	40.58345032	-78.91387939
UYC-004		Upper Yellow Creek	Leonard Run	Refuse Pile	Refuse Pile	Upper Yellow Creek	Seep	N			BCWA	40.61420822	-78.92028046
UYC-005		Upper Yellow Creek	Ferrier Run	Barish #4 Mine discharge	Strip mine southwest of evens Hill along Ferrier Run	Tearing Run	Discharge	N			BCWA	40.56460953	-79.08306885
UYC-007	MP-18	Upper Yellow Creek	Little Yellow Creek	Deep mine discharge	Deep mine discharge		Discharge	Y	32010110	MP-18	PADEP	40.59383011	-78.9150238
UYC-008	601468	Upper Yellow Creek	Ferrier Run	Ferrier Run at stream mouth	Ferrier Run at stream mouth		Stream	N			ICCD	40.5721283	-79.10295105
UYC-009	601497	Upper Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek below dam		Stream	N			ICCD	40.59095001	-79.05457306
UYC-011	601499	Upper Yellow Creek	Leonard Run	Leanard Run	Leanard Run at stream mouth		Stream	N			ICCD	40.61561966	-78.9210968
UYC-012	17	Upper Yellow Creek	Little Yellow Creek	Little Yellow Creek	Little Yellow Creek		Stream	N			ICCD	40.58850861	-78.90302277
UYC-013	18	Upper Yellow Creek	Little Yellow Creek	Little Yellow Creek	Little Yellow Creek		Stream	N			ICCD	40.58995056	-78.90608215
UYC-014	19	Upper Yellow Creek	Little Yellow Creek	Yellow Creek	Yellow Creek		Stream	N			ICCD	40.60042191	-78.8945694
UYC-015	20	Upper Yellow Creek	Little Yellow Creek	Yellow Creek	Yellow Creek		Stream	N			ICCD	40.58493042	-78.91500092
UYC-016	21	Upper Yellow Creek	Little Yellow Creek	Yellow Creek	Yellow Creek		Stream	N			ICCD	40.582901	-78.91493988
UYC-017	22	Upper Yellow Creek	Little Yellow Creek	Yellow Creek	Yellow Creek		Stream	N			ICCD	40.58226013	-78.91490173
UYC-018	23	Upper Yellow Creek	Little Yellow Creek	Yellow Creek	Yellow Creek		Stream	N			ICCD	40.5720787	-78.9256134
UYC-019	24	Upper Yellow Creek	Little Yellow Creek	Little Yellow Creek	Little Yellow Creek at bridge west of Suncliff		Stream	N			ICCD	40.55701828	-79.00695801
UYC-020	63	Upper Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek		Stream	N			ICCD	40.61513901	-78.91950226
UYC-021	0	Upper Yellow Creek	Yellow Creek	Yellow Creek	Yellow Creek		Stream	N			ICCD	40.61796951	-78.92537689
UYC-022	101033	Upper Yellow Creek	Little Yellow Creek	Little Yellow Creek	Little Yellow Creek		Stream	N			ICCD	40.56158829	-78.94654083
UYC-023	101035	Upper Yellow Creek	Little Yellow Creek	Little Yellow Creek	Little Yellow Creek		Stream	N			ICCD	40.58840942	-78.90003204
UYC-024	101036	Upper Yellow Creek	Leonard Run	Leanard Run	Un-named Trib. To Leanard Run at bridge		Stream	N			ICCD	40.60361099	-78.90950012
UYC-025	101037	Upper Yellow Creek	Leonard Run	Leanard Run	Leanard Run		Stream	N			ICCD	40.60395813	-78.92080688
UYC-026		Upper Yellow Creek	Little Yellow Creek	Yellow Creek #3	Yellow Creek		Stream	Y			Stream Team	40.56055069	-79.0111084
UYC-028		Upper Yellow Creek	Yellow Creek	Glenside No. 9 Drift and Strip Mines	Glenside No. 9 Drift and Strip Mines	Upper Yellow Creek	Discharge	N		106	PADER	40.64056015	-78.86699677
UYC-029		Upper Yellow Creek	Yellow Creek	# 11 Mine Dip	# 11 Mine Dip	Upper Yellow Creek	Discharge	N		107	PADER	40.62818909	-78.87306976
UYC-030		Upper Yellow Creek	Leonard Run	Heilwood No. 2 and No. 3 Mines	Heilwood No. 2 and No. 3 Mines	Upper Yellow Creek	Discharge	N		125	PADER	40.60958099	-78.92529297

BLACKLICK CREEK WATERSHED
SAMPLE POINT DESCRIPTIONS

SAMPLE POINT	CORRESPONDING SAMPLE ID	MAJOR WATERSHED	SUB WATERSHED	SAMPLE POINT NAME	DESCRIPTION	RECEIVING STREAM	PRIMARY TYPE	MONITORED	DEP PERMIT	DEP POINT	DATA SOURCE	LATITUDE	LONGITUDE
UYC-031		Upper Yellow Creek	Leonard Run	Heilwood No. 5 Mine	Heilwood No. 5 Mine	Upper Yellow Creek	Discharge	N		224	PADER	40.61257935	-78.92160797
UYC-032		Upper Yellow Creek	Yellow Creek	Heilwood No. 2 and No. 3 Mines	Heilwood No. 2 and No. 3 Mines	Upper Yellow Creek	Discharge	N		225	PADER	40.61661148	-78.92337036
UYC-033		Upper Yellow Creek	Leonard Run	Camerons Bottom Mine	Camerons Bottom Mine	Upper Yellow Creek	Discharge	N		236	PADER	40.6044693	-78.91938782
UYC-034		Upper Yellow Creek	Yellow Creek	Ferrier Run Mine	Ferrier Run Mine	Lower Yellow Creek	Discharge	N		40	PADER	40.57556152	-79.10180664
UYC-035		Upper Yellow Creek	Yellow Creek	Heilwood No. Mine	Heilwood No. Mine	Upper Yellow Creek	Discharge	N		UYC2-1	PADER	40.61735153	-78.92173767
UYC-037		Upper Yellow Creek	Leonard Run	Valley Coal Nos. 5, 6, & 7	Valley Coal Nos. 5, 6, & 7	Leonard Run	Discharge	N		UYC3-2	PADER	40.59128189	-78.92308807
UYC-038		Upper Yellow Creek	Leonard Run	Valley Coal No. 8	Valley Coal No. 8	Leonard Run	Discharge	N		UYC3-3	PADER	40.58882141	-78.92572021
UYC-039	3042280	Upper Yellow Creek	Yellow Creek	Yellow Creek #1	Yellow Creek near Homer City, PA		Stream	N			USGS	40.57165909	-79.10360718
UYC-040	3042185	Upper Yellow Creek	Yellow Creek	Yellow Creek #2	Yellow Creek near Pikes Peak, PA		Stream	N			USGS	40.5827713	-79.00276947
UYC-041	MP-1	Upper Yellow Creek	Yellow Creek	Yellow Creek, upstream	Yellow Creek, upstream		Stream		32980103	MP-1	PADEP	40.63249969	-78.86499786
UYC-042	MP-2A	Upper Yellow Creek	Leonard Run	Deep mine discharge	Deep mine discharge		Discharge		32010110	MP-2A	PADEP	40.6033287	-78.91680908
UYC-043	MP-48	Upper Yellow Creek	Ferrier Run	Yellow Cr.	Yellow Cr.		Stream		32990102	MP-48	PADEP	40.56777954	-79.09638977
UYC-050	MP-7	Upper Yellow Creek	Yellow Creek	Yellow Creek downstream	Yellow Creek downstream		Stream		32980201	MP-7	PADEP	40.63360977	-78.86805725
UYC-051	MP-6	Upper Yellow Creek	Yellow Creek	Trib. To Yellow Creek, downstream	Trib. To Yellow Creek, downstream		Stream		32980112	MP-6	PADEP	40.63825989	-78.87059784
UYC-052	MP-7	Upper Yellow Creek	Yellow Creek	Yellow Creek downstream	Yellow Creek downstream		Stream		32980103	MP-7	PADEP	40.6352005	-78.87169647
UYC-053	MP-11	Upper Yellow Creek	Yellow Creek	Yellow Creek Location	Stream southcentral of permit area		Stream		32980112	MP-11	PADEP	40.63690186	-78.87779999
UYC-054	MP-2	Upper Yellow Creek	Yellow Creek	Yellow Creek upstream	Yellow Creek upstream		Stream		32980201	MP-2	PADEP	40.63555527	-78.86250305
UYC-055	MP-12	Upper Yellow Creek	Yellow Creek	Trib. To Yellow Creek, upstream	Trib. To Yellow Creek, upstream		Stream		32980112	MP-12	PADEP	40.64599991	-78.86332703