

Table 5 - Stream Locations

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
<b>Blacklick Creek Main Stem</b>								
BCMS-100	D	PADEP-SMP	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run, downstream	40.49277	-79.11388	32860109
BCMS-114	WQN0814	STORET	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek at T-660 Bridge near Josephine	40.47333	-79.18361	
BCMS-120	900440	ICCD - Multi County	Blacklick Creek - Main Stem	MARDIS RUN	Mardis Run	40.47337	-78.99356	
BCMS-122	1200142	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named Trib. To Blacklick Creek	40.48944	-79.01976	
BCMS-125	301010	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.50237	-79.11525	
BCMS-126	301011	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.50258	-79.11519	
BCMS-127	301012	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.50359	-79.11405	
BCMS-128	301013	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.50428	-79.11281	
BCMS-129	301014	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.50516	-79.11351	
BCMS-130	301015	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.50571	-79.11343	
BCMS-131	301016	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.50573	-79.11349	
BCMS-132	301017	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Un-named Trib. To Laurel Run	40.50973	-79.11424	
BCMS-135	900163	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.53139	-78.99996	
BCMS-136	900164	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.53877	-79.01556	
BCMS-137	900165	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.52627	-79.03217	
BCMS-138	900166	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.52676	-79.03788	
BCMS-139	900167	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.52549	-79.04114	
BCMS-140	900168	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.52545	-79.04269	
BCMS-141	900169	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.52583	-79.04394	
BCMS-142	900170	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.5207	-79.05523	
BCMS-144	900278	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Un-named trib. To Brush Creek	40.5416	-79.08539	
BCMS-145	900279	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Un-named trib. To Brush Creek	40.5381	-79.09749	
BCMS-147	900281	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.52624	-79.0286	
BCMS-148	900282	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Un-named trib. To Brush Creek	40.55601	-79.07482	
BCMS-149	900283	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.55207	-79.09437	
BCMS-151	900302	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.49394	-79.07824	
BCMS-152	900303	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.49381	-79.07673	
BCMS-155	1000135	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Un-named trib. To Brush Creek	40.53973	-79.10313	
BCMS-158	1000138	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Un-named trib. To Brush Creek	40.53696	-79.09848	
BCMS-159	1000139	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Un-named trib. To Brush Creek	40.53162	-79.07866	
BCMS-161	301487	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.48952	-79.12409	
BCMS-165	301491	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run	40.48589	-79.13766	
BCMS-166	301492	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run	40.48677	-79.14424	
BCMS-167	301493	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Un-named Trib. To Laurel Run	40.4876	-79.14689	
BCMS-168	301494	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Laurel Run at confluence with Blacklick Cr.	40.48499	-79.15535	
BCMS-169	701042	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named Trib. To Blacklick Creek	40.46109	-79.14033	
BCMS-170	701039	ICCD - Multi County	Blacklick Creek - Main Stem	RAMSEY RUN	Pamsey Run	40.46939	-79.09532	
BCMS-174	701047	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named Trib. To Blacklick Creek	40.46679	-79.15171	
BCMS-175	701048	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named Trib. To Blacklick Creek	40.46626	-79.14982	
BCMS-178	701051	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named Trib. To Blacklick Creek	40.45685	-79.15058	
BCMS-179	701052	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named Trib. To Blacklick Creek	40.45645	-79.14812	
BCMS-180	701114	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named Trib. To Blacklick Creek	40.46784	-79.15966	
BCMS-182	701116	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named Trib. To Blacklick Creek	40.47543	-79.15761	

Table 5 - Stream Locations

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
BCMS-183	301255	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel run - From mines on Chestnut ridge near anticline	40.48858	-79.12174	
BCMS-184	301256	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Un-named Trib. To Blacklick Creek	40.48939	-79.1213	
BCMS-188	301260	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.48769	-79.12182	
BCMS-189	301261	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run Sample	40.48804	-79.12208	
BCMS-191	201124	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named trib. To Blacklick Creek	40.47839	-79.04071	
BCMS-193	201126	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named trib. To Blacklick Creek	40.48499	-79.04349	
BCMS-195	201123	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named trib. To Blacklick Creek	40.47385	-79.04284	
BCMS-196	301208	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Un-named Trib. To Laurel Run, upstream from MB-21	40.49955	-79.11609	
BCMS-197	301209	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Un-named Trib. To Laurel Run	40.49879	-79.11168	
BCMS-198	301210	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Un-named Trib. To Laurel Run	40.49775	-79.11951	
BCMS-199	301211	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run	40.49689	-79.1195	
BCMS-200	301212	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run	40.49684	-79.1203	
BCMS-201	301213	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run	40.49108	-79.12113	
BCMS-203	301215	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run	40.49416	-79.12159	
BCMS-204	800556	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek below Rummel run	40.47052	-78.95104	
BCMS-205	800557	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek below the North and South Branch Confluence	40.48373	-78.92422	
BCMS-206	800555	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek, Bridge below Wehrum discharge (MB-4)	40.45837	-78.96342	
BCMS-207	800554	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek	40.46713	-79.00186	
BCMS-209	800552	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek at Heshbon	40.47251	-79.09663	
BCMS-212	3041900	USGS	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek at Claghorn, PA	40.49666	-79.075	
BCMS-215	MB-1	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Collect above Rummel Run, Blacklick Creek above Rummel Run	40.4827	-78.9414	
BCMS-220	MB-19	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	At Heshbon - Blacklick Creek near Refuse (Crichton Mine/Tipple)	40.4711	-79.1103	
BCMS-221	MB-2	IUP	Blacklick Creek - Main Stem	RUMMEL RUN	Collect sample on Rummel Run before the confluence with Blacklick Cr. Rummel Run at the mouth	40.4714	-78.9385	
BCMS-223	MB-26	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek at Bells Mills	40.4769	-79.1864	
BCMS-225	MB-8	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek above Oneida Mine	40.477	-79.0371	
BCMS-226	MB-9	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Clean stream sample above Oneida (Aulds Run)	40.4883	-79.0424	
BCMS-231	MP-53	M. B. Energy, Inc.	Blacklick Creek - Main Stem	BRUSH CREEK	Brush Creek	40.48806	-79.07584	32950101
BCMS-232	MP-54	M. B. Energy, Inc.	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek	40.4875	-79.07639	32950101
BCMS-233	SP-2	Marquise Mining	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek	40.47333	-79.00445	32870102
BCMS-234	SP-3	Marquise Mining	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek	40.47611	-79.00972	32870102
BCMS-235	SW-25	M. B. Energy, Inc.	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek	40.4775	-79.03944	32880106
BCMS-236	SW-26	M. B. Energy, Inc.	Blacklick Creek - Main Stem	BLACKLICK CREEK	Blacklick Creek, downstream	40.48195	-79.055	32950101
BCMS-237	NB-7	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	North Branch Blacklick Creek at confluence with the South Branch	40.4841	-78.9239	
BCMS-247	50-5		Blacklick Creek - Main Stem	LAUREL RUN	Downstream of 50-4.	40.492	-79.12125	
BCMS-248	50-6		Blacklick Creek - Main Stem	LAUREL RUN	upstream of 50-4.	40.4932	-79.12128	
BCMS-249	50-9		Blacklick Creek - Main Stem	LAUREL RUN	Laurel Run; upstream of abandoned mine discharge 50-7	40.51271	-79.11508	
<b>Blacklick Creek North Branch</b>								
BCNB-013	17	TMDL-Elk Creek	Blacklick Creek - North Branch	CALIFORNIA RUN	On Priesser Rd near bridge before intersection with Snake Road. Sample upstream of the bridge.	40.5538	-78.81487	
BCNB-015	14	TMDL-Elk Creek	Blacklick Creek - North Branch	CROOKED RUN	Below Barnes & Tuckers treatment plant; very swampy	40.55055	-78.84412	
BCNB-016	15	TMDL-Elk Creek	Blacklick Creek - North Branch	CROOKED RUN	Sample below the discharge from the Duman Lake at the Duman Park	40.56879	-78.83758	

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Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
BCNB-017	10	TMDL-Elk Creek	Blacklick Creek - North Branch	ELK CREEK	Before it meets North Branch of Blacklick Creek. Off of 422 to Vic Miller Rd	40.52867	-78.88797	
BCNB-018	12	TMDL-Elk Creek	Blacklick Creek - North Branch	ELK CREEK	Below EA Coal Corp. Plant, take roads to back of prop, sample after outflow enters stream.	40.54528	-78.84844	
BCNB-019	13	TMDL-Elk Creek	Blacklick Creek - North Branch	ELK CREEK	Above EA Coal Corp. Plant, to left of prop, little gate across the stream, sample above the bridge.	40.54762	-78.84872	
BCNB-021	19	TMDL-Elk Creek	Blacklick Creek - North Branch	ELK CREEK	Upstream of Elk Creek, Take haul road to the bridge with a flume and sample above the bridge.	40.54161	-78.8005	
BCNB-025	50	ICCD - Multi County	Blacklick Creek - North Branch	NORTH BRANCH BLACKLICK CREEK	North Branch Blacklick Creek	40.50926	-78.90294	
BCNB-027	52	ICCD - Multi County	Blacklick Creek - North Branch	NORTH BRANCH BLACKLICK CREEK	North Branch Blacklick Creek	40.5058	-78.90477	
BCNB-028	101034	ICCD - Multi County	Blacklick Creek - North Branch	CARNEY RUN	Carney Run	40.56115	-78.91679	
BCNB-029		Stream Team	Blacklick Creek - North Branch	NORTH BRANCH BLACKLICK CREEK	North Branch	40.48416	-78.92333	
BCNB-030	11	TMDL-Elk Creek	Blacklick Creek - North Branch	LITTLE ELK CREEK	Off of 271 to haul road crosses this trib, sample near bridge that is railroad linked,	40.53612	-78.86256	
BCNB-032	NB-4	IUP	Blacklick Creek - North Branch	NORTH BRANCH BLACKLICK CREEK	Collected before the Red Mill discharge.North Branch Blacklick Creek above the Red Mill discharge	40.5123	-78.9031	
BCNB-037	18	TMDL-Elk Creek	Blacklick Creek - North Branch	ELK CREEK	At Priesser crossing, sample opposite side of bridge as California Run.	40.55167	-78.8134	
BCNB-038	16	TMDL-Elk Creek	Blacklick Creek - North Branch	ELK CREEK	Right above the stream where Crooked Run joins Elk Creek	40.5502	-78.84366	
BCNB-039	NB-3	IUP	Blacklick Creek - North Branch	ELK CREEK	Collected from Elk Cr. between the treatment plants and the confluence with North Branch.Elk Creek below treatment plant	40.5372	-78.8637	
<b>Blacklick Creek South Branch</b>								
BCSB-051	30	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Sample opposite side of bridge to the left.	40.48303	-78.92296	
BCSB-052	33	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Park near VFW on Flat Rd off of 271	40.49547	-78.86738	
BCSB-053	34	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	On Blacklick, off of 1st St near the Fire Station, downstream of confluence with Pergrin Run	40.47131	-78.83599	
BCSB-054	36	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Along mud road (Pergrin Run Sample Location), on the left of the road after a trib joins Blacklick	40.46045	-78.82617	
BCSB-055	37	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Below Stewart Run. Walk up the trail in the woods. Sample right above a little trib.	40.45966	-78.82446	
BCSB-056	39	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Sample downstream from the discharge of AMD treatment plant.	40.4742	-78.77872	
BCSB-057	40	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Intersection of Beulard Rd and Allie Buck Rd, sample down the road (bridge),SBBC at first bridge downstream of Williams Run	40.47604	-78.77553	
BCSB-058	42	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Take Bethlehem rd. in Revloc across bridge, sample near square block downstream, EBG Power-SBBC below site	40.48664	-78.76266	
BCSB-059	44	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Upstream of S.Blacklick, just off of 422 exiting from 219, sample in through BT tire/Auto, EBG Power-SBBC upstream	40.49132	-78.7525	
BCSB-060	43	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Trib along 422N before Hudson Rd to Revloc, sample a little below the fence.	40.49334	-78.7598	
BCSB-061	31	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Plank Rd before Maple St, on left side of the road, sample above the sewage discharge	40.47866	-78.90602	
BCSB-067	14	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Coal Pit Run immediately above number 13	40.50027	-78.85222	
BCSB-070	17	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Unnamed trib to Coal Pit Run about 75 feet upstream of mouth	40.4975	-78.83638	
BCSB-071	18	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Coal Pit Run at Expedite Road crossing, upstream side	40.49722	-78.83583	
BCSB-076	22	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Coal Pit Run about 200 feet upstream of number 21	40.49972	-78.83111	
BCSB-077	3	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Tributary to Coal Pit Run, flowing in from north	40.5	-78.86194	

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Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
BCSB-078	4	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Coal Pit Run about 75 feet downstream from number	40.49972	-78.86027	
BCSB-088	35	TMDL-Blacklick	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Left at Wolf Pack Pizza (if S271) on mud road, sample above the road below Car Wash, below the Webster discharge	40.46805	-78.83468	
BCSB-090		SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	T. J. Mining-Coalpit Run - downstream	40.48333	-78.85583	SMP11890102
BCSB-096	1	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-Coalpit Run Down Stream	40.49972	-78.84166	SMP11860101
BCSB-097	7	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-Coalpit Run Upstream	40.49888	-78.81972	SMP11860101
BCSB-098	8	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-Griffittown Reservoir	40.50444	-78.84333	SMP11860101
BCSB-105	4	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-Coalpit Run downstream	40.50111	-78.85916	SMP11920110
BCSB-107	92-12	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Laurel Land Dev.-Unnamed tributary to SBBC	40.49416	-78.85916	SMP11920110
BCSB-113	12	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Laurel Land Dev.-Unnamed Trib. To SBBC	40.49277	-78.86277	SMP11960108
BCSB-115	61A	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-Coal Pit Run Upstream	40.5	-78.85916	SMP11960108
BCSB-116	62	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Laurel Land Dev.-SBBC Downstream	40.49666	-78.86833	SMP11960108
BCSB-123	5	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Smith Energy-SBBC above NantyGlow Mine 31 refuse	40.46666	-78.83305	SMP11960201
BCSB-133	57	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-Coalpit Run, upstream	40.4975	-78.83555	Pre-application
BCSB-134	64	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Laurel Land Dev.-Coalpit Run, upstream	40.48194	-78.84555	Pre-application
BCSB-135	65	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Laurel Land Dev.-SBBC Upstream	40.48138	-78.84527	Pre-application
BCSB-136	1	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	MB Energy-SBBC, S.W. of permit, downstream	40.48583	-78.90583	SMP11970104
BCSB-137	3	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	MB Energy-Unnamed Trib. To SBBC, south of permit	40.48361	-78.89305	SMP11970104
BCSB-138	8	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	MB Energy-SBBC, S.E. of permit, upstream	40.49111	-78.86388	SMP11970104
BCSB-140	17	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	MB Energy-Unnamed trib.SBBC S. of permit, downstream	40.48722	-78.89638	SMP11970104
BCSB-141	21	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	MB Energy-Unnamed trib.SBBC S. of permit, downstream	40.48694	-78.88166	SMP11970104
BCSB-142	38	TMDL-Blacklick	Blacklick Creek - South Branch	STEWART RUN	Sample on Stewart before it joins Blacklick. Marshy area.	40.45822	-78.82226	
BCSB-143	3041800	USGS	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	South Branch Blacklick Creek at Vintondale, PA	40.48111	-78.91833	
BCSB-144	41	TMDL-Blacklick	Blacklick Creek - South Branch	WILLIAMS RUN	Take train bed at Revloc Municipal Plant up to an old bridge, sample near mouth.	40.48172	-78.7722	
BCSB-146		Webster Mine Study	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Pergrin Run upstream of Webster discharge,Smith Energy-Pergrin Run above the Webster discharge	40.46305	-78.83722	
BCSB-148		Webster Mine Study	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	SBBC, upstream of treated Bethlehem mine discharge	40.46027	-78.81888	
BCSB-150		Webster Mine Study	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	SBBC at bridge S.E. of Twin Rocks	40.49	-78.86277	
BCSB-151		Webster Mine Study	Blacklick Creek - South Branch	STEWART RUN	Steward Run at Rt. 22, east of Mundys Corner	40.44666	-78.79916	
BCSB-152		Webster Mine Study	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Pergrin Run upstream of Lorraine Refuse Pile	40.45833	-78.84166	
BCSB-153		Webster Mine Study	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	SBBC upstream of Bethenergy Mines #31 refuse pile	40.46444	-78.82833	
BCSB-161	H-2	Smith Energy, Inc.	Blacklick Creek - South Branch	COALPIT RUN	Coal Pit Run	40.49722	-78.83611	11890202
BCSB-163	MP-10	Laurel Land Dev., Inc.	Blacklick Creek - South Branch	BRACKEN RUN	Bracken Run	40.46722	-78.88583	11970106
BCSB-165	MP-61	Laurel Land Development	Blacklick Creek - South Branch	COALPIT RUN	Coal Pit Run about 100 feet us S. Branch Blacklick, about 50 feet upstream of stone abutment, Sample before Coalpit meets up with Blacklick	40.49611	-78.8675	11960108
BCSB-166	001	Smith Energy Inc.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Nanty Glo Refuse Site, monitoring point stream	40.46806	-78.83778	11960201
BCSB-167	001	Laurel Land Development	Blacklick Creek - South Branch	COALPIT RUN	McFadden No. 1 Mine, monitoring point stream	40.49861	-78.85973	11960108
BCSB-169	2	TJ Mining Inc.	Blacklick Creek - South Branch	COALPIT RUN	TJ No. 1	40.5	-78.85583	11890102
BCSB-170	7	TJ Mining Inc.	Blacklick Creek - South Branch	COALPIT RUN	TJ No. 1	40.49722	-78.83611	11890102
BCSB-171	8	Ebensburg Power Co.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Revloc Refuse Site	40.49166	-78.75833	11880201
BCSB-172	MP18	M.B. Energy, Inc.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	State Gamelands No. 79 Mine	40.49389	-78.875	11970104
BCSB-173	MP18	Laurel Land Development	Blacklick Creek - South Branch	COALPIT RUN	McFadden No. 1 Mine	40.49889	-78.86083	11960108

Table 5 - Stream Locations

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
BCSB-174	MP19	M.B. Energy, Inc.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	State Gamelands No. 79 Mine	40.49222	-78.87861	11970104
BCSB-175	MP20	Laurel Land Development	Blacklick Creek - South Branch	COALPIT RUN	McFadden No. 1 Mine	40.49778	-78.86389	11960108
BCSB-176	MP22	M.B. Energy, Inc.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	State Gamelands No. 79 Mine	40.4925	-78.89306	11970104
BCSB-177	MP9	Laurel Land Development	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Chickaree	40.46889	-78.87611	11970106
<b>Lower Blacklick Creek</b>								
LBC-011	800547	ICCD - Multi County	Lower Blacklick Creek to Conemaugh Reser.	BLACKLICK CREEK	Twolick Creek at confluence with Blacklick Creek	40.48204	-79.19408	
LBC-012	800549	ICCD - Multi County	Lower Blacklick Creek to Conemaugh Reser.	BLACKLICK CREEK	Twolick Creek before the confluence with Blacklick Creek	40.47323	-79.20374	
LBC-013	601402	ICCD - Multi County	Lower Blacklick Creek to Conemaugh Reser.	WEIRS RUN	Weirs Run	40.46202	-79.2086	
LBC-014	601403	ICCD - Multi County	Lower Blacklick Creek to Conemaugh Reser.	MUDDY RUN	Muddy Run	40.48039	-79.23728	
LBC-015	601442	ICCD - Multi County	Lower Blacklick Creek to Conemaugh Reser.	STEWART RUN	Steward Run	40.47039	-79.29265	
LBC-016	601443	ICCD - Multi County	Lower Blacklick Creek to Conemaugh Reser.	GREYS RUN	Grays Run	40.47404	-79.26675	
<b>Upper Twolick Creek</b>								
UTLC-035	WQN0854	STORET	Upper Twolick Creek	SOUTH BRANCH TWO LICK CREEK	S. Branch Twolick Creek, near Wandin Junction, PA	40.67472	-78.94444	
UTLC-039	401070	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Penn Run	40.63986	-79.00915	
UTLC-043	401066	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Un-named trib. To Penn Run	40.63338	-79.01411	
UTLC-044	1200339	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	North Branch Twolick Creek	40.72207	-78.94228	
UTLC-051	1200413	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	North Branch Twolick Creek	40.71167	-78.94509	
UTLC-055	1200339	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	North Branch Twolick Creek	40.71907	-78.92538	
UTLC-057	101300	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	North Branch Twolick Creek	40.70864	-78.95968	
UTLC-066	101301	ICCD - Multi County	Upper Twolick Creek	POMPEY RUN	Pompey Run at mouth	40.69978	-78.95488	
UTLC-080	301505	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Penn Run	40.63478	-79.0136	
UTLC-083	301508	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Penn Run	40.63816	-79.01981	
UTLC-084	401039	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Penn Run Sample	40.63855	-79.02495	
UTLC-089	401044	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Penn Run	40.63637	-79.03245	
UTLC-100	4	ICCD - Multi County	Upper Twolick Creek	DIXON RUN	Dixon Run	40.70841	-79.00973	
UTLC-101	5	ICCD - Multi County	Upper Twolick Creek	DIXON RUN	Dixon Run	40.73462	-79.00525	
UTLC-103	7	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	North Branch Two lick Creek	40.71072	-78.92964	
UTLC-104	8	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Mouth of North Branch Two lick Creek	40.67607	-78.96292	
UTLC-110	14	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Downstream of Buck Run	40.66526	-79.01569	
UTLC-111	15	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Two lick Creek	40.65218	-79.03373	
UTLC-112	16	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Two lick Creek	40.66467	-78.97134	
UTLC-113	41	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Two lick Creek	40.66407	-78.97365	
UTLC-120	53	ICCD - Multi County	Upper Twolick Creek	BUCK RUN	Buck Run	40.67602	-79.0023	
UTLC-123	56	ICCD - Multi County	Upper Twolick Creek	BUCK RUN	Buck Run	40.67886	-79.00014	
UTLC-124	57	ICCD - Multi County	Upper Twolick Creek	BUCK RUN	Buck Run	40.68098	-78.99886	
UTLC-127	60	ICCD - Multi County	Upper Twolick Creek	BUCK RUN	Buck Run	40.68664	-78.99159	
UTLC-131	501079	ICCD - Multi County	Upper Twolick Creek	SOUTH BRANCH TWO LICK CREEK	South Branch Two Lick	40.67335	-78.93671	
UTLC-132		Stream Team	Upper Twolick Creek	BUCK RUN	Mouth of Buck Run	40.67277	-79.00333	
UTLC-134		Stream Team	Upper Twolick Creek	PENN RUN	Penns Run	40.63777	-79.03694	
UTLC-137		Stream Team	Upper Twolick Creek	TWO LICK CREEK	Sample Run	40.65722	-79.03111	
UTLC-196		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Two Lick Creek Upstream Sampling Point	40.70503	-78.95675	
UTLC-198		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Two lick Creek Upstream of IUP Site 13	40.71025	-78.94776	
UTLC-200		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Two Lick Creek Upstream of IUP Site 14	40.7158	-78.94446	

Table 5 - Stream Locations

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
UTLC-202		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Two Lick Creek Downstream of IUP Site 15	40.71141	-78.94073	
UTLC-203		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Two Lick Creek Upstream of IUP Site 15	40.71141	-78.94062	
UTLC-208		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Downstream of Sample Run	40.65652	-79.03126	
UTLC-209		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Upstream of Sample Run	40.6569	-79.03069	
UTLC-211		Twolick Creek - IUP	Upper Twolick Creek	DIXON RUN	Two Lick Creek Downstream of IUP site 2	40.67365	-79.01559	
UTLC-212		Twolick Creek - IUP	Upper Twolick Creek	DIXON RUN	Two Lick Creek Upstream of IUP site 2	40.68033	-79.0141	
UTLC-213		Twolick Creek - IUP	Upper Twolick Creek	BUCK RUN	Two Lick Creek Downstream of IUP site 3	40.6836	-78.99602	
UTLC-214		Twolick Creek - IUP	Upper Twolick Creek	BUCK RUN	Two Lick Creek Upstream of IUP site 4	40.68447	-78.99541	
UTLC-215		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Downstream of IUP site 5	40.67083	-78.99177	
UTLC-218		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Downstream of IUP site 7	40.66414	-78.9807	
UTLC-219		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Upstream of IUP site 7	40.66375	-78.98001	
UTLC-221		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Downstream of Diamondville Discharge	40.66622	-78.97213	
UTLC-222		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Upstream of Diamondville Discharge	40.66312	-78.96897	
UTLC-224		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Two Lick Creek Downstream of IUP site 9	40.68214	-78.96441	
UTLC-226	3042055	USGS	Upper Twolick Creek	DIXON RUN	Unnamed Tributary to Dixon Run at Dixonville, PA	40.7125	-79.01416	
UTLC-227	3042045	USGS	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Unn Trib to NB Two Lick Creek at Commodore, PA	40.71222	-78.94027	
UTLC-228	3042061	USGS	Upper Twolick Creek	DIXON RUN	Dixon Run at Clymer, PA	40.67027	-79.015	
UTLC-229	3042075	USGS	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek near Clymer, PA	40.64555	-79.03666	
UTLC-234	UT-1	IUP	Upper Twolick Creek	SOUTH BRANCH TWO LICK CREEK	South Branch Twolick Creek.downstream from treatment plant	40.6727	-78.8945	
UTLC-238	MP-15		Upper Twolick Creek	DIXON RUN	Dixon Run	40.68278	-79.01389	32910102
UTLC-240	MP-41	M. B. Energy, Inc.	Upper Twolick Creek	POMPEY RUN	Pompey Run	40.69917	-78.95194	32860110
UTLC-241	MP-46	M. B. Energy, Inc.	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	North Branch	40.69944	-78.95834	32860110
UTLC-242	MP-67	M. B. Energy, Inc.	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	North Branch	40.69	-78.96139	32860110
UTLC-245	MP-5	FNR Mining Company	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Starford #2	40.69611	-78.95944	32880109
UTLC-246	MP-6	FNR Mining Company	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Starford #2	40.69611	-78.95972	32880109
UTLC-247	10	Russelville Coal	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Two Lick Cr.			32800104
UTLC-248	CB-10	T. L. H. Coal Co.	Upper Twolick Creek	DIXON RUN	Dixon Run below			32823066
UTLC-249	MP-1	FNR	Upper Twolick Creek	BUCK RUN	Buck Run above	40.70833	-78.985	32880102
UTLC-250	MP-1	Mears Enterprises	Upper Twolick Creek	TWO LICK CREEK	Two lick Cr.	40.67222	-78.99389	32990111
UTLC-251	MP-2	FNR	Upper Twolick Creek	BUCK RUN	Buck Run below	40.7075	-78.98695	32880102
UTLC-252	MP-4	Mears Enterprises	Upper Twolick Creek	WHITAKER RUN	Two lick Cr.	40.66306	-78.93611	32990111
UTLC-253		Twolick Study- PADEP	Upper Twolick Creek	SOUTH BRANCH TWO LICK CREEK	Two Lick Creek Mouth of South Branch	40.67379	-78.96297	
UTLC-254		Twolick Study- PADEP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Downstream from Confluence of Branches	40.67361	-78.96415	
UTLC-255		Twolick Study- PADEP	Upper Twolick Creek	TWO LICK CREEK	Two Lick Creek Upstream of Buck Run	40.6711	-79.00123	
<b>Lower Twolick Creek</b>								
LTLC-021	601375	ICCD - Multi County	Lower Twolick Creek	TWO LICK CREEK	Un-named trib. To Twolick Creek	40.49776	-79.16654	
LTLC-022	601376	ICCD - Multi County	Lower Twolick Creek	CHERRY RUN	Cherry Run	40.51374	-79.18314	
LTLC-024	601035	ICCD - Multi County	Lower Twolick Creek	TWO LICK CREEK	Tearing Run	40.5318	-79.1663	
LTLC-025	401218	ICCD - Multi County	Lower Twolick Creek	RAMSEY RUN	Ramsey Run at stream mouth	40.59162	-79.11038	
LTLC-026	401219	ICCD - Multi County	Lower Twolick Creek	TWO LICK CREEK	Twolick Creek below dam	40.5918	-79.10797	
LTLC-027	601366	ICCD - Multi County	Lower Twolick Creek	ALLEN RUN	Allan Run	40.6252	-79.05629	
LTLC-028	601367	ICCD - Multi County	Lower Twolick Creek	ALLEN RUN	Allan Run	40.62481	-79.05524	
LTLC-029	601368	ICCD - Multi County	Lower Twolick Creek	ALLEN RUN	Allan Run	40.62189	-79.05168	
LTLC-030	601369	ICCD - Multi County	Lower Twolick Creek	ALLEN RUN	Allan Run	40.61905	-79.05132	

Table 5 - Stream Locations

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
LTLC-031	601370	ICCD - Multi County	Lower Twolick Creek	ALLEN RUN	Allan Run	40.61785	-79.04986	
LTLC-032	601371	ICCD - Multi County	Lower Twolick Creek	ALLEN RUN	Allan Run	40.61488	-79.04417	
LTLC-034	601373	ICCD - Multi County	Lower Twolick Creek	ALLEN RUN	Allan Run below treatment plant	40.62631	-79.05824	
LTLC-038	501314	ICCD - Multi County	Lower Twolick Creek	TWO LICK CREEK	Two Lick Creek	40.59317	-79.13768	
LTLC-039	501390	ICCD - Multi County	Lower Twolick Creek	STONEY RUN	Stoney Run	40.57134	-79.16286	
LTLC-041		Stream Team	Lower Twolick Creek	TWO LICK CREEK	Coral Run	40.49944	-79.18055	
LTLC-056	3042700	USGS	Lower Twolick Creek	CHERRY RUN	Cherry Run near Homer City, PA	40.55416	-79.19194	
LTLC-057	3042120	USGS	Lower Twolick Creek	RAMSEY RUN	Ramsey Run near Indiana, PA	40.5975	-79.10972	
LTLC-058	3042505	USGS	Lower Twolick Creek	TWO LICK CREEK	Center Twp.	40.51277	-79.16944	
LTLC-059	3042500	USGS	Lower Twolick Creek	TWO LICK CREEK	Two Lick Creek at Graceton, PA	40.51722	-79.17194	
LTLC-060	LT-3	IUP	Lower Twolick Creek	TWO LICK CREEK	Twolick Creek above sewage treatment plant	40.5652	-79.1602	
LTLC-062	LT-5	IUP	Lower Twolick Creek	TWO LICK CREEK	Twolick Creek at Old Rt. 56 bridge	40.54	-79.1668	
LTLC-063	LT-9	IUP	Lower Twolick Creek	TWO LICK CREEK	Twolick Creek at mouth	40.4867	-79.1954	
<b>Tearing Run</b>								
TR-054	TR-2	IUP	Tearing Run	TEARING RUN	Tearing Run above discharge (Sipos Property)	40.5312	-79.1262	
TR-020	601236	ICCD - Multi County	Tearing Run	TEARING RUN	Tearing Run	40.51223	-79.12784	
TR-025	601271	ICCD - Multi County	Tearing Run	TEARING RUN	Tearing Run	40.52801	-79.12322	
TR-026	601237	ICCD - Multi County	Tearing Run	TEARING RUN	Spring along Tearing Run	40.51214	-79.12655	
TR-028	601158	ICCD - Multi County	Tearing Run	TEARING RUN	Un-named trib. To Tearing Run	40.53096	-79.1263	
TR-038	601192	ICCD - Multi County	Tearing Run	TEARING RUN	Spring along Tearing Run	40.51318	-79.14315	
TR-039	601193	ICCD - Multi County	Tearing Run	TEARING RUN	Spring along Tearing Run	40.51303	-79.14295	
TR-041	601195	ICCD - Multi County	Tearing Run	TEARING RUN	Spring along Tearing Run	40.51359	-79.14319	
TR-042	601196	ICCD - Multi County	Tearing Run	TEARING RUN	Spring along Tearing Run	40.51438	-79.14325	
TR-043	601197	ICCD - Multi County	Tearing Run	TEARING RUN	Tearing Run	40.52966	-79.12821	
TR-044	601236	ICCD - Multi County	Tearing Run	TEARING RUN	Mouth of Unnamed Tearing Trib	40.53052	-79.14332	
TR-045	601033	ICCD - Multi County	Tearing Run	TEARING RUN	Un-named trib. To Tearing Run	40.52987	-79.15395	
TR-046		Stream Team	Tearing Run	TEARING RUN	Tearing Run at mouth	40.53	-79.16083	
TR-056	TR-4	IUP	Tearing Run	TEARING RUN	Tearing Run above Snyder Mines	40.5316	-79.1363	
TR-057	MP-23	M. B. Energy, Inc.	Tearing Run	TEARING RUN	Tearing Run	40.52806	-79.12055	32910102
TR-058	MP-35	M. B. Energy, Inc.	Tearing Run	TEARING RUN	Tearing Run	40.53	-79.10806	32910102
TR-061	MP-22	M.B. Energy, Inc.	Tearing Run	TEARING RUN	Brush Valley No. 3	40.52861	-79.11555	32930106
TR-062	MP-22A	M.B. Energy, Inc.	Tearing Run	TEARING RUN	Brush Valley No. 3	40.52861	-79.11472	32930106
TR-063	MP-22B	M.B. Energy, Inc.	Tearing Run	TEARING RUN	Brush Valley No. 3	40.52889	-79.11444	32930106
TR-064	MP-27	M.B. Energy, Inc.	Tearing Run	TEARING RUN	Brush Valley No. 3	40.53361	-79.11278	32930106
TR-078	MP-6	Kent Mining	Tearing Run	Tearing Run	Tearing Run	40.53972	-79.11833	32940105
<b>Upper Yellow Creek</b>								
UYC-008	601468	ICCD - Multi County	Upper Yellow Creek	FERRIER RUN	Ferrier Run at stream mouth	40.57213	-79.10295	
UYC-009	601497	ICCD - Multi County	Upper Yellow Creek	YELLOW CREEK	Yellow Creek below dam	40.59095	-79.05457	
UYC-011	601499	ICCD - Multi County	Upper Yellow Creek	LEONARD RUN	Leonard Run at stream mouth	40.61562	-78.9211	
UYC-012	17	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Little Yellow Creek	40.58851	-78.90302	
UYC-013	18	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Little Yellow Creek	40.58995	-78.90608	
UYC-014	19	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Yellow Creek	40.60042	-78.89457	
UYC-015	20	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Yellow Creek	40.58493	-78.915	

Table 5 - Stream Locations

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
UYC-016	21	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Yellow Creek	40.5829	-78.91494	
UYC-017	22	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Yellow Creek	40.58226	-78.9149	
UYC-018	23	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Yellow Creek	40.57208	-78.92561	
UYC-019	24	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Little Yellow Creek at bridge west of Suncliff	40.55702	-79.00696	
UYC-020	63	ICCD - Multi County	Upper Yellow Creek	YELLOW CREEK	Yellow Creek	40.61514	-78.9195	
UYC-021	0	ICCD - Multi County	Upper Yellow Creek	YELLOW CREEK	Yellow Creek	40.61797	-78.92538	
UYC-022	101033	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Little Yellow Creek	40.56159	-78.94654	
UYC-023	101035	ICCD - Multi County	Upper Yellow Creek	LITTLE YELLOW CREEK	Little Yellow Creek	40.58841	-78.90003	
UYC-024	101036	ICCD - Multi County	Upper Yellow Creek	LEONARD RUN	Un-named Trib. To Leonard Run at bridge	40.60361	-78.9095	
UYC-025	101037	ICCD - Multi County	Upper Yellow Creek	LEONARD RUN	Leonard Run	40.60396	-78.92081	
UYC-026		Stream Team	Upper Yellow Creek	LITTLE YELLOW CREEK	Yellow Creek	40.56055	-79.01111	
UYC-039	3042280	USGS	Upper Yellow Creek	YELLOW CREEK	Yellow Creek near Homer City, PA	40.57166	-79.10361	
UYC-040	3042185	USGS	Upper Yellow Creek	YELLOW CREEK	Yellow Creek near Pikes Peak, PA	40.58277	-79.00277	
UYC-041	MP-1	Alverda Enterprises	Upper Yellow Creek	YELLOW CREEK	Yellow Creek, upstream	40.6325	-78.865	32980103
UYC-043	MP-48	M. B. Energy, Inc.	Upper Yellow Creek	FERRIER RUN	Yellow Cr.	40.56778	-79.09639	32990102
UYC-050	MP-7	Ridge Energy Co.	Upper Yellow Creek	YELLOW CREEK	Yellow Creek downstream	40.63361	-78.86806	32980201
UYC-051	MP-6	Alverda Enterprises	Upper Yellow Creek	YELLOW CREEK	Trib. To Yellow Creek, downstream	40.63826	-78.8706	32980112
UYC-052	MP-7	Alverda Enterprises	Upper Yellow Creek	YELLOW CREEK	Yellow Creek downstream	40.6352	-78.8717	32980103
UYC-053	MP-11	Alverda Enterprises	Upper Yellow Creek	YELLOW CREEK	Stream southcentral of permit area	40.6369	-78.8778	32980112
UYC-054	MP-2	Ridge Energy Co.	Upper Yellow Creek	YELLOW CREEK	Yellow Creek upstream	40.63556	-78.8625	32980201
UYC-055	MP-12	Alverda Enterprises	Upper Yellow Creek	YELLOW CREEK	Trib. To Yellow Creek, upstream	40.646	-78.86333	32980112
<b>Lower Yellow Creek</b>								
LYC-045	601440	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Yellow Creek	40.54935	-79.15238	
LYC-050	601466	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Tide Tributary	40.55166	-79.11748	
LYC-069		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek at Rt. 954 bridge	40.56907	-79.12741	
LYC-075		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Judy #14 Tributary below borehole	40.562	-79.128	
LYC-077		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek below Judy #14 Tributary	40.562	-79.12861	
LYC-078		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek	40.56228	-79.12837	
LYC-081		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tide Tributary - lower	40.556	-79.132	
LYC-082		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek below Tide Tributary	40.55644	-79.13303	
LYC-084		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek before YC-24	40.54858	-79.15512	
LYC-085		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek at Rt. 119	40.54387	-79.161	
LYC-087		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Judy #14 Tributary - below discharge	40.558	-79.117	
LYC-089		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek	40.56	-79.11	
LYC-091		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tributary above	40.549	-79.109	
LYC-092		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tide Tributary at Budners	40.542	-79.112	
LYC-093		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek	40.55	-79.155	
LYC-096		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tide Tributary above Tide	40.55279	-79.12794	
LYC-098		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Near the intersection of Tide Road and Rt. 954	40.5518	-79.11694	
LYC-099		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	West side of valley near Rt. 954	40.55123	-79.1169	
LYC-105		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	West side of valley near Rt. 954 above gasline	40.54708	-79.11468	
LYC-107	BS-B	Kent Mining	Lower Yellow Creek	YELLOW CREEK	Trib. To Yellow Creek	40.54361	-79.11333	32940105
LYC-108	BS-C	Kent Mining	Lower Yellow Creek	YELLOW CREEK	Trib. To Yellow Creek	40.54861	-79.11611	32940105
LYC-109	BS-E	Kent Mining	Lower Yellow Creek	YELLOW CREEK	Trib. To Yellow Creek	40.54611	-79.11444	32940105



Table 5 - Stream Locations

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number
LYC-110	BS-G	Kent Mining	Lower Yellow Creek	YELLOW CREEK	Trib. To Yellow Creek	40.55111	-79.12833	32940105
LYC-112	MP-12	Kent Mining	Lower Yellow Creek	YELLOW CREEK	Trib., upstream	40.54055	-79.11222	32940105
LYC-114	MP-18	Kent Mining	Lower Yellow Creek	YELLOW CREEK	Trib., downstream	40.555	-79.13084	32940105
LYC-115	MP-2	Kent Mining	Lower Yellow Creek	YELLOW CREEK	Trib., upstream	40.55	-79.12861	32940105
LYC-119	MP-S-8	M. B. Energy, Inc.	Lower Yellow Creek	YELLOW CREEK	Ferrier Run	40.56972	-79.10833	32990102
LYC-121	S2	Britt Energies, Inc.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek, downstream	40.5575	-79.1375	32950109
LYC-123	S5	Britt Energies, Inc.	Lower Yellow Creek	YELLOW CREEK	Trib. upstream	40.57139	-79.13139	32950109
LYC-124	S7	Britt Energies, Inc.	Lower Yellow Creek	YELLOW CREEK	Trib. Downstream	40.56639	-79.12917	32950109
LYC-126	002	Kent Coal mining Company	Lower Yellow Creek	YELLOW CREEK	Lucerne No. 2 Mine, monitoring point stream	40.54472	-79.11528	32940105
LYC-128	004	Kent Coal mining Company	Lower Yellow Creek	YELLOW CREEK	Lucerne No. 2 Mine, monitoring point stream	40.55083	-79.11723	32940105
LYC-130	006	Kent Coal mining Company	Lower Yellow Creek	YELLOW CREEK	Lucerne No. 2 Mine, monitoring point stream	40.55194	-79.12361	32940105
LYC-137	MP-A	Kent Coal mining Company	Lower Yellow Creek	YELLOW CREEK	Lucerne No. 2 Mine	40.54417	-79.11472	32940105
LYC-155	S1	Britt Energies, Inc.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek	40.55695	-79.13917	32010108
LYC-157	S3	Britt Energies, Inc.	Lower Yellow Creek	YELLOW CREEK	Yellow Creek	40.55639	-79.13194	32010108
LYC-167		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Judy #14 Tributary - above discharge	40.55785	-79.11403	
LYC-168		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tributary at gas well			
LYC-169		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tributary above red stain			
LYC-171		Stream Team	Lower Yellow Creek	YELLOW CREEK	Yellow Creek on Elm St	40.5438	-79.161	

Table 6 - Non-Point Source Discharge Areas

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number	Coal Seam
<b>Blacklick Creek Main Stem</b>									
BCMS-001		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Josephine & Bells Mills Mines upstream of Josephine on the N side of Blacklick Creek, Deep mine (2-bells mills) discharge near RR bridge in Josephine	40.47944	-79.17416		Lower Kittanning
BCMS-002		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Bells Mill Mine	40.47861	-79.17583		Lower Kittanning
BCMS-003		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Drift Mine	40.46277	-79.18194		Lower Freeport
BCMS-004		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Jewell No. 3 Mine	40.47305	-79.175		Lower Kittanning
BCMS-005		Blacklick Scarlift	Blacklick Creek - Main Stem	LAUREL RUN	Josephine No. 2 Mine	40.4925	-79.15		Lower Kittanning
BCMS-006	301258	Blacklick Scarlift	Blacklick Creek - Main Stem	LAUREL RUN	Crichton Coal & Coke Co. Mine, Mine discharge at west end of highwall, Deep mine discharge on Chestnut ridge near anticline (phase #2 proposal area)	40.495	-79.1225		Lower Kittanning
BCMS-007		Blacklick Scarlift	Blacklick Creek - Main Stem	RAMSEY RUN	Heshbon Mine Complex	40.46444	-79.08944		
BCMS-008		Blacklick Scarlift	Blacklick Creek - Main Stem	RAMSEY RUN	Heshbon Mine Complex	40.46138	-79.08916		Upper Freeport
BCMS-009		Blacklick Scarlift	Blacklick Creek - Main Stem	RAMSEY RUN	Heshbon Mine Complex	40.46055	-79.08638		Upper Freeport
BCMS-010		Blacklick Scarlift	Blacklick Creek - Main Stem	RAMSEY RUN	Heshbon Mine Complex	40.4625	-79.08944		Lower Freeport
BCMS-011		Blacklick Scarlift	Blacklick Creek - Main Stem	YELLOW CREEK	Point Discharge and Mine Waste Dump Drainage	40.48222	-78.93388		
BCMS-012		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Point Discharge	40.4825	-78.93444		
BCMS-013		Blacklick Scarlift	Blacklick Creek - Main Stem	RAMSEY RUN	Artesian shaft, Wehrum - Shaft discharge and Swamp Area	40.46472	-78.95388		
BCMS-014		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Thermal No. 15 Mine	40.47638	-79.00055		Lower Kittanning
BCMS-015		Blacklick Scarlift	Blacklick Creek - Main Stem	BRUSH CREEK	Drift Mine	40.53888	-79.10111		Upper Freeport
BCMS-016		Blacklick Scarlift	Blacklick Creek - Main Stem	RUMMEL RUN	Drift mine	40.45944	-78.90777		Lower Kittanning
BCMS-017		Blacklick Scarlift	Blacklick Creek - Main Stem	RUMMEL RUN	Drift mine	40.45361	-78.92138		Lower Kittanning
BCMS-018		Blacklick Scarlift	Blacklick Creek - Main Stem	RUMMEL RUN	Drift mine	40.45527	-78.92166		Lower Kittanning
BCMS-019		Blacklick Scarlift	Blacklick Creek - Main Stem	RUMMEL RUN	Drift mine	40.45222	-78.92222		Lower Kittanning
BCMS-020		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Amerford Mine	40.46861	-79.01166		Lower Kittanning
BCMS-021		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Scott Glenn Mine	40.46722	-79.01694		Lower Kittanning
BCMS-022		Blacklick Scarlift	Blacklick Creek - Main Stem	MARDIS RUN	Drift Mine	40.46888	-79.03277		Lower Kittanning
BCMS-023		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Strip mine seepage	40.48694	-79.02555		
BCMS-024		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Drift mine	40.48666	-79.02611		Lower Kittanning
BCMS-025		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Caldwell #1 Mine	40.47861	-79.03666		Lower Kittanning
BCMS-027		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Virginian No. 15 Mine	40.48388	-79.05888		Lower Kittanning
BCMS-028		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Virginian No. 15 Mine	40.48694	-79.05861		Lower Kittanning
BCMS-029		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Thermal No. 15 Mine	40.475	-79.00333		Lower Kittanning
BCMS-030		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Seepage Area	40.47444	-79.00361		
BCMS-031		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Drift mine	40.46722	-79.05027		Lower Freeport
BCMS-032		Blacklick Scarlift	Blacklick Creek - Main Stem	RAMSEY RUN	Heshbon Mine Complex	40.46111	-79.08694		Upper Freeport
BCMS-033		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Drift mine	40.47416	-79.04277		Lower Kittanning
BCMS-034		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Mine Waste Dump Seepage	40.48388	-79.055		
BCMS-036		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Vinton No. 12 Mine	40.48555	-79.08083		Upper Freeport
BCMS-037		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Vinton No. 14 mine	40.4825	-79.07861		Upper Freeport
BCMS-038		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Vinton No. 12 Mine	40.47861	-79.08833		
BCMS-040		Blacklick Scarlift	Blacklick Creek - Main Stem	AULDS RUN	Drift Mine, Virginia #14 Mine	40.47611	-79.11194		
BCMS-041		Blacklick Scarlift	Blacklick Creek - Main Stem	AULDS RUN	Aulds Run Mine	40.48611	-79.10222		Upper Freeport
BCMS-042		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Mine Waste Dump Seepage	40.47972	-79.12		
BCMS-043		Blacklick Scarlift	Blacklick Creek - Main Stem	AULDS RUN	Virginian No. 14 Mine	40.47444	-79.10944		Lower Kittanning
BCMS-044		Blacklick Scarlift	Blacklick Creek - Main Stem	LAUREL RUN	Luciusboro Mine	40.51027	-79.11361		Upper Freeport
BCMS-045		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Jewell No. 3 Mine	40.47361	-79.17333		Lower Kittanning
BCMS-046		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Jewell No. 3 Mine	40.4725	-79.175		Lower Kittanning
BCMS-047		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Jewell No. 3 Mine	40.47222	-79.17583		Lower Kittanning
BCMS-048		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Drift mine	40.47083	-79.175		Lower Kittanning
BCMS-049		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Jewell No. 3 Mine	40.47861	-79.16722		Lower Kittanning
BCMS-050		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Jewell No. 3 Mine	40.46944	-79.16861		Lower Kittanning
BCMS-051		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Jewell No. 3 Mine	40.47722	-79.17		Lower Kittanning
BCMS-052		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Jewell No. 3 Mine	40.47583	-79.17138		Lower Kittanning
BCMS-054		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Seepage from strip pit No. 115 filled with mine waste	40.48083	-79.05083		
BCMS-055		Blacklick Scarlift	Blacklick Creek - Main Stem	BLACKLICK CREEK	Mine Waste Dump Seepage	40.48194	-78.93222		
BCMS-056		Blacklick Scarlift	Blacklick Creek - Main Stem	RUMMEL RUN	Strip mine Drainage Seep	40.45861	-78.9275		
BCMS-057		BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Strip Mine Seep	40.46732	-79.15212		Lower Freeport
BCMS-060		BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Mine is along the north valley wall of Blacklick Creek, near tipple	40.4772	-79.11985		Lower Kittanning
BCMS-061	26	BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Mine is along the north valley wall of Blacklick Creek, near tipple	40.47236	-79.11423		Lower Kittanning
BCMS-064	23	BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Buena furnace, Seeps	40.48098	-79.04489		
BCMS-065	21	BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Virginia #15 Mine	40.48682	-79.04253		Lower Kittanning
BCMS-066	22B	BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Strip Mine, Oneida - Deep mine discharge	40.48462	-79.04273		Lower Kittanning
BCMS-067		BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Strip Mine	40.48387	-79.03306		Lower Kittanning
BCMS-070		BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Refuse Pile, Scott Glenn - mine discharge, seeps, refuse materials	40.47129	-79.01206		
BCMS-074	29	BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Strip Mine, un-named trib from Rte. 22 peak, old strips near anticline - bad seeps, some with Al	40.46146	-79.12425		Lower Kittanning
BCMS-075	28	BCWA	Blacklick Creek - Main Stem	LAUREL RUN	Virginia #2 Mine	40.49421	-79.12122		Lower Kittanning
BCMS-080	19B	BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Dilltown (Heights area) Surface mine contour with stream entering opening.	40.47815	-79.00973		
BCMS-081	20	BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge	40.47433	-79.00691		
BCMS-082	16	BCWA	Blacklick Creek - Main Stem	RUMMEL RUN	Discharge Rummel Run	40.4617	-78.93627		Lower Kittanning
BCMS-084	17	BCWA	Blacklick Creek - Main Stem	RUMMEL RUN	Approx. 4,500ft. upstream on Rummel Run from the confluence with Blacklick Creek.	40.4625	-78.93681		Lower Kittanning

Table 6 - Non-Point Source Discharge Areas

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number	Coal Seam
BCMS-086		BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Strip Mine Seep	40.46227	-79.15203		Lower Freeport
BCMS-087		BCWA	Blacklick Creek - Main Stem	LAUREL RUN	Crichton Coal & Coke Co. Mine Laurel Run #2 Proposal area near Plant-it-Earth	40.50734	-79.11424		Lower Kittanning
BCMS-088		BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Strip Mine Seep	40.45719	-79.15172		Lower Freeport
BCMS-091		BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	Possible mine on Upper Freeport (Source: MRR98)	40.47319	-79.18641		Upper Freeport
BCMS-093		BCWA	Blacklick Creek - Main Stem	LAUREL RUN	Strip Mines	40.4938	-79.14526		Lower Kittanning
BCMS-094	H	PADEP-SMP	Blacklick Creek - Main Stem	LAUREL RUN	Spring	40.50352	-79.11338	32823049	
BCMS-095	MP-5	PADEP-SMP	Blacklick Creek - Main Stem	BRUSH CREEK	Deep Mine Discharge	40.54194	-79.10222	32910102	
BCMS-096	MP-11	PADEP-SMP	Blacklick Creek - Main Stem	BRUSH CREEK	Deep Mine Discharge	40.54222	-79.10222	32910102	
BCMS-097	MP-50	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Wetland Discharge	40.48416	-79.05166	32950101	
BCMS-098	MP-50A	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Highwall discharge	40.485	-79.05666	32950101	
BCMS-101	OO	PADEP-SMP	Blacklick Creek - Main Stem	LAUREL RUN	Seep at toe of Lower Freeport Spoil	40.49277	-79.11333	32860109	
BCMS-102	SP-10	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Combination of Seeps	40.47555	-79.00444	32870102	
BCMS-104	SW-127	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Seep at Gasline	40.48361	-79.02111	32880104	
BCMS-105	MD-131	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Mine Discharge	40.48416	-79.02638	32880104	
BCMS-106	MD-135	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Deep Mine Discharge	40.47833	-79.03388	32880104	
BCMS-109	MD-8-14	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Seep	40.48194	-79.03694	32880106	
BCMS-110	MD-33-10	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Abandoned Strip Discharge	40.48916	-79.04222	32880106	
BCMS-111	MD-33-11	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Deep Mine Discharge	40.48805	-79.04305	32880106	
BCMS-112	MD-33-14	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Deep Mine Discharge	40.48388	-79.0425	32880106	
BCMS-113	MD-33-58	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Abandoned Strip Discharge	40.48833	-79.04194	32880106	
BCMS-115	900435	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.47279	-79.10347		
BCMS-116	900436	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.47475	-79.17136		
BCMS-117	900437	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.48473	-79.03861		
BCMS-118	900438	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.48482	-79.03855		
BCMS-119	900439	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.4711	-79.00437		
BCMS-121	900441	ICCD - Multi County	Blacklick Creek - Main Stem	RAMSEY RUN	Discharge Sample	40.4589	-78.95248		
BCMS-123	1200141	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.49163	-79.0195		
BCMS-133	1200376	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.48606	-79.02387		
BCMS-134	1200377	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.48679	-79.02313		
BCMS-143	900277	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Discharge Sample	40.5519	-79.09439		
BCMS-146	900280	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Discharge Sample	40.52634	-79.02849		
BCMS-154	900305	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.48478	-79.07381		
BCMS-156	1000136	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Discharge Sample	40.53969	-79.10304		
BCMS-157	1000137	ICCD - Multi County	Blacklick Creek - Main Stem	BRUSH CREEK	Discharge Sample	40.53963	-79.10293		
BCMS-162	301488	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Discharge Sample	40.48851	-79.13109		
BCMS-163	301489	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Discharge Sample	40.48838	-79.13163		
BCMS-164	301490	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Discharge Sample	40.48621	-79.13704		
BCMS-171	701040	ICCD - Multi County	Blacklick Creek - Main Stem	RAMSEY RUN	Discharge Sample	40.46531	-79.09089		
BCMS-172	701041	ICCD - Multi County	Blacklick Creek - Main Stem	RAMSEY RUN	Discharge Sample	40.46654	-79.09114		
BCMS-173	701046	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.46598	-79.15129		
BCMS-176	701049	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.46585	-79.14818		
BCMS-177	701050	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.4657	-79.14798		
BCMS-181	701115	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.47429	-79.15986		
BCMS-187	301259	ICCD - Multi County	Blacklick Creek - Main Stem	LAUREL RUN	Discharge	40.4905	-79.12222		
BCMS-190	701139	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge	40.46585	-79.14501		
BCMS-192	201125	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.48511	-79.04339		
BCMS-194	201127	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample, Downstream on Auld's run (collects MB-9 through MB-12)	40.48492	-79.0428		
BCMS-208	800553	ICCD - Multi County	Blacklick Creek - Main Stem	BLACKLICK CREEK	Discharge Sample	40.48033	-79.0456		
BCMS-210		Stream Team	Blacklick Creek - Main Stem	BLACKLICK CREEK	Vintondale Discharge, North branch Blacklick Creek at confluence with the South Branch	40.48388	-78.925		
BCMS-214	4890	Blacklick Scarlift	Blacklick Creek - Main Stem	AULDS RUN	Virginian No. 14 Mine, Aulds Run - Surface cuts, fill and Deep Mine (Appears seal collapsed - severe discharge)	40.47805	-79.10389		
BCMS-216	MB-11	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Oneida - Deep mine discharge	40.4855	-79.0424		
BCMS-217	MB-14	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Sample at pipe under railroad bed.AMD tributary from numerous refuse piles near the Buena Vista Furnace/Dias Tipple	40.4824	-79.0539		
BCMS-218	MB-15	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Coordinates were revised.At Heshbon - abandoned open deep mine entry upstream from town on B.Valley side	40.4758	-79.0911		
BCMS-222	MB-23	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Un-named trib from Rte. 22 peak, old strips near anticline - bad seeps, some w/aluminum	40.4571	-79.1109		
BCMS-224	MB-6	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Across stream from Scott Glen discharge (MB-7)	40.4746	-79.0032		
BCMS-227	BS-55	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Seep	40.48638	-79.06805	32950101	
BCMS-228	BS-56	PADEP-SMP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Seep	40.48638	-79.0675	32950101	
BCMS-229	MD-19	PADEP-SMP	Blacklick Creek - Main Stem	BRUSH CREEK	Mine Discharge	40.49	-79.07472	32950101	
BCMS-230	BS-51	M. B. Energy, Inc.	Blacklick Creek - Main Stem	BLACKLICK CREEK	Seep	40.48167	-79.05222	32950101	
BCMS-245	50-4		Blacklick Creek - Main Stem	LAUREL RUN	Second discharge below culvert.	40.49295	-79.12251		
BCMS-246	50-4A		Blacklick Creek - Main Stem	LAUREL RUN	50-4 discharge before Laurel Run.	40.49226	-79.12159		
BCMS-250	10	BCWA	Blacklick Creek - Main Stem	BLACKLICK CREEK	East bank of Blacklick Creek at Wehrum	40.47103	-78.94159		Lower Kittanning
BCMS-251		BCWA	Blacklick Creek - Main Stem	RUMMEL RUN	Artesian shaft located on north bank on Rummel Run approx. 1,000 ft. upstream from the confluence with Blacklick Creek.	40.47154	-78.93929		Lower Kittanning
BCMS-252	MB-10	IUP	Blacklick Creek - Main Stem	BLACKLICK CREEK	Deep Mine entry along Rte. 56 discharging (large volume, high load)	40.4879	-79.0421		
<b>Blacklick Creek North Branch</b>									
BCNB-001		Blacklick Scarlift	Blacklick Creek - North Branch	NORTH BRANCH BLACKLICK CREEK	Commercial Coal Mining Co. Mine #16 (Red Mill Mine)	40.50722	-78.9025		Lower Kittanning
BCNB-002	4A	BCWA	Blacklick Creek - North Branch	NORTH BRANCH BLACKLICK CREEK	Refuse Pile	40.50772	-78.90206		

Table 6 - Non-Point Source Discharge Areas

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number	Coal Seam
BCNB-004		BCWA	Blacklick Creek - North Branch	WALKER RUN	Discharge Walker Run	40.50533	-78.89262		
BCNB-005	5	BCWA	Blacklick Creek - North Branch	NORTH BRANCH BLACKLICK CREEK	Red Mill Mine & Refuse - discharge and numerous seeps, boreholes in the middle of the stream dewatered Vintondale No. 6 and decreased flow	40.48438	-78.92314		
BCNB-006	1	BCWA	Blacklick Creek - North Branch	ELK CREEK	Colver Mine	40.5442	-78.79974		
BCNB-007	2	BCWA	Blacklick Creek - North Branch	ELK CREEK	Colver Refuse Piles - Seep	40.54634	-78.80526		
BCNB-008	1	BCWA	Blacklick Creek - North Branch	ELK CREEK	Colver Refuse Piles - Seep	40.5486	-78.80588		
BCNB-009	1	BCWA	Blacklick Creek - North Branch	ELK CREEK	Colver Refuse Piles - Seep	40.54884	-78.80964		
BCNB-010	1	BCWA	Blacklick Creek - North Branch	ELK CREEK	Refuse Pile seep, Colver Mine refuse piles along Elk creek (associated buried seeps and springs)	40.55198	-78.81287		
<b>Blacklick Creek South Branch</b>									
BCSB-001		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Vinton - Colliers Mine No. 6	40.48083	-78.90916		Lower Kittanning
BCSB-002		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Nanty Glo Mine No. 1	40.485	-78.86055		
BCSB-003		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Nanty Glo Mine No. 1	40.48333	-78.86138		
BCSB-004		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Nanty Glo Mine No. 1	40.48361	-78.86194		
BCSB-005		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Nanty Glo Mine No. 1	40.48388	-78.86333		
BCSB-006		Blacklick Scarlift	Blacklick Creek - South Branch						Lower Kittanning
BCSB-007		Blacklick Scarlift	Blacklick Creek - South Branch	COALPIT RUN	Imperial Cardiff Coal Co.	40.49861	-78.83277		Lower Kittanning
BCSB-008		Blacklick Scarlift	Blacklick Creek - South Branch	COALPIT RUN	Imperial Cardiff Coal Co.	40.49833	-78.83361		Lower Kittanning
BCSB-009		Blacklick Scarlift	Blacklick Creek - South Branch	COALPIT RUN	Drift Waste Dump Seep	40.49888	-78.83722		
BCSB-010		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Drift Mine	40.47194	-78.86388		Lower Kittanning
BCSB-011		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Nanty Glo Mine No. 1	40.47305	-78.84944		Lower Kittanning
BCSB-013		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Artesian Discharge Point	40.46777	-78.83472		
BCSB-014		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Vinton No. 3 Mine, East side of the So. Branch Blacklick Creek, east of Vintondale, approx. 1,200 ft. from creek	40.48305	-78.90333		Lower Kittanning
BCSB-015		Blacklick Scarlift	Blacklick Creek - South Branch	SHUMAN RUN	Vinton No. 2 Mine	40.47638	-78.91027		Lower Kittanning
BCSB-016		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	2 Drift Mine	40.47777	-78.90833		Lower Kittanning
BCSB-017		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Drift Mine, Laurel Land Dev.-Lower Kittanning deep mine discharge	40.46166	-78.87583		Lower Kittanning
BCSB-018		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Commercial No. 16 Mine	40.48833	-78.90833		Lower Kittanning
BCSB-019		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Mine Waste Dump Seepage	40.465	-78.83083		
BCSB-020		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Mine Waste Dump Seepage	40.46472	-78.82944		
BCSB-021		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Ivory Hill Mine	40.46611	-78.82638		Lower Freeport
BCSB-022		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Ivory Hill Mine	40.46666	-78.82694		Lower Freeport
BCSB-023		Blacklick Scarlift	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Contaminated Spring	40.46222	-78.83555		
BCSB-025		Blacklick Scarlift	Blacklick Creek - South Branch	COALPIT RUN	Twin Rocks Mine	40.50388	-78.85888		Lower Freeport
BCSB-028	8	BCWA	Blacklick Creek - South Branch	COALPIT RUN	Refuse pile from Imperial Cardiff Mine and Strip Mine, Orange upwelling on west bank of stream associated with 24-inch cmp	40.49805	-78.835		Lower Kittanning
BCSB-035	11A	BCWA	Blacklick Creek - South Branch	BRACKEN RUN	On the north side of So. Branch Blacklick Creek approx. 2 mi. upstream from Vintondale.	40.47128	-78.89441		Lower Kittanning
BCSB-038	14	BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	North side of Creek across from Vintondale, north side of bike trail.	40.4816	-78.91138		
BCSB-039	13	BCWA	Blacklick Creek - South Branch	SHUMAN RUN	Along Shuman Run approx. 3000 ft. upstream from confluence with So. Branch Blacklick Creek.	40.46485	-78.90327		Lower Kittanning
BCSB-040	9	BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Bracken Dip Refuse Piles	40.48305	-78.89088		
BCSB-041	7	BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	South side of Rt. 422 east of Revloc	40.48967	-78.75778		Lower Kittanning
BCSB-042	7	BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	South side of Rt. 422 east of Revloc	40.48927	-78.75838		Lower Kittanning
BCSB-043	7	BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	South side of Rt. 422 east of Revloc	40.48858	-78.75893		Lower Kittanning
BCSB-045	7	BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	South side of Rt. 422 east of Revloc	40.48747	-78.76082		Lower Kittanning
BCSB-047		BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Discharge	40.45827	-78.82719		
BCSB-048	6B	BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Refuse Pile	40.46015	-78.83944		Lower Kittanning
BCSB-049	6A	BCWA	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Refuse Pile	40.46639	-78.83619		Lower Kittanning
BCSB-064	10	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	mine discharge flowing through center of refuse pile, collected where it enters stream	40.50027	-78.85444		Lower Kittanning
BCSB-065	12	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Combined deep mine discharges above the railroad crossing at western end of refuse pile. Same water as point 8	40.49972	-78.85388		Lower Kittanning
BCSB-066	13	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	deep mine discharges entering Coal Pit Run from south. Just upstream of triple culvert	40.50027	-78.8525		Lower Kittanning
BCSB-068	15	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	deep mine discharges at railroad bed. Same water as Point 13	40.49972	-78.84944		Lower Kittanning
BCSB-069	16	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Discharge from reclaimed refuse area, where it enters spring at railroad culvert. Same water as Smith Energy H10	40.49861	-78.83694		Lower Kittanning
BCSB-072	19	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Discharge on east bank of stream near concrete wall	40.49777	-78.83527		Lower Kittanning
BCSB-074	20	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Orange upwelling on west bank of stream associated with 24-inch cmp	40.49805	-78.835		Lower Kittanning
BCSB-075	21	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Deep mine discharge at weir on east bank of stream. Proposed growing greener point	40.49916	-78.83166		Lower Kittanning
BCSB-079	5	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Combination of discharges 1, 1A, & 1B of SMP 11960108, collected at entry into Coal Pit Run at pipeline crossing	40.49972	-78.86		Lower Kittanning
BCSB-080	6	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Combination of discharges 1, 1A, & 1B 60 feet east of collapsing culvert under railroad grade	40.49916	-78.85888		Lower Kittanning
BCSB-081	7	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Deep mine discharge where it enters Coal Pit Run from the north, located behind ball field. (Appears to be a trib.)	40.5	-78.85805		Lower Kittanning
BCSB-082	8	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Combination of discharges from south side of stream at discharge point to stream	40.49972	-78.8575		Lower Kittanning
BCSB-083	9	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Deep mine discharge on north side of stream near entry. Same water as point 7	40.50083	-78.85416		Lower Kittanning
BCSB-084	900442	ICCD - Multi County	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Discharge Sample	40.48441	-78.92007		
BCSB-087		Stream Team	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Vintondale Discharge	40.48388	-78.90694		
BCSB-089	4	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-Seep from Spoil	40.49833	-78.83722	SMP11860101	
BCSB-092		SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	T. J. Mining-Lower Kittanning Deep Mine Discharge- northern permit area	40.49916	-78.84472	SMP11890102	
BCSB-095	10	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-Deep Mine Discharge			SMP11860101	Lower Kittanning
BCSB-099	4(A)	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	EBG Power-Discharge	40.4875	-78.75944	SMP11880201	Lower Kittanning
BCSB-100	4(B)	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	EBG Power-Discharge	40.4875	-78.75944	SMP11880201	Lower Kittanning
BCSB-101	6	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	EBG Power-AMD Discharge, South side of Rt. 422 east of Revloc	40.48805	-78.75916	SMP11880201	Lower Kittanning
BCSB-108	1	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L. K. seep northern section of permit	40.49888	-78.85777	SMP11960108	Lower Kittanning
BCSB-109	1A	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L. K. seep northern section of permit	40.49888	-78.85777	SMP11960108	Lower Kittanning
BCSB-110	1B	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L. K. seep northeast section of permit	40.49916	-78.85722	SMP11960108	Lower Kittanning

Table 6 - Non-Point Source Discharge Areas

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number	Coal Seam
BCSB-111	3	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L. K. seep northeast of permit	40.49888	-78.85611	SMP11960108	Lower Kittanning
BCSB-112	21	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L.K. deep mine discharge MP-21 of SMP# 11960108 at 4" white PVC pipe, at base of railroad grade	40.49694	-78.865	SMP11960108	Lower Kittanning
BCSB-119	7	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Smith Energy-Seep flow into culvert, SE corner of site	40.46333	-78.83694	SMP11960201	
BCSB-124	R2-A	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	EBG Power-AMD Discharge	40.48972	-78.75555	SMP11960202	
BCSB-125	R2-B	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	EBG Power-AMD Discharge	40.49	-78.75555	SMP11960202	
BCSB-126	3	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Laurel Land Dev.-Impoundment Discharge, western half of permit	40.46472	-78.87944	SMP11970106	Lower Kittanning
BCSB-128	5	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L. K. deep mine discharge, northern permit area	40.49888	-78.85083	Pre-application	Lower Kittanning
BCSB-129	5A	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L.K. seep northern section of permit	40.49861	-78.85138	Pre-application	Lower Kittanning
BCSB-130	6	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L.K. deep mine discharge, northern permit area	40.49888	-78.85277	Pre-application	Lower Kittanning
BCSB-131	6A	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L. K. deep mine discharge, northern permit area	40.49805	-78.85361	Pre-application	Lower Kittanning
BCSB-132	35	SBBC Proj.	Blacklick Creek - South Branch	COALPIT RUN	Laurel Land Dev.-L. K. deep mine discharge, northern permit area	40.49916	-78.84611	Pre-application	Lower Kittanning
BCSB-139	9	SBBC Proj.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	MB Energy-Artesian well, located outside of S. central permit	40.48527	-78.89222	SMP11970104	
BCSB-145	a	Webster Mine Study	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Webster Mine discharge in Nanty Glo,Penna. Coal & Coke Co. - Webster No. 14 Mine,Smith Energy-Webster Mine Discharge	40.46583	-78.83611		
BCSB-155	11B	BCWA	Blacklick Creek - South Branch	BRACKEN RUN	North side of Bracken Run, approx. 1300 ft. upstream from the confluence with So. Branch Blacklick Creek	40.47652	-78.90363		Lower Kittanning
BCSB-157	5	T. J. Mining, Inc.	Blacklick Creek - South Branch	COALPIT RUN	Deep Mine Discharge, T. J. Mining-Lower Kittanning Deep Mine Discharge	40.49889	-78.85167	11890102	
BCSB-158	6	T. J. Mining, Inc.	Blacklick Creek - South Branch	COALPIT RUN	Deep Mine Discharge,T. J. Mining-Lower Kittanning Deep Mine Discharge- northern permit area	40.49917	-78.85361	11890102	
BCSB-159	H-10	Smith Energy, Inc.	Blacklick Creek - South Branch	COALPIT RUN	Seep	40.49833	-78.83639	11980202	
BCSB-160	H-11	Smith Energy, Inc.	Blacklick Creek - South Branch	COALPIT RUN	Seep	40.49889	-78.83694	11980202	
BCSB-164	MP-14	Laurel Land Dev., Inc.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Discharge	40.46583	-78.875	11970106	
BCSB-178	SP1	Laurel Land Development	Blacklick Creek - South Branch		TR No. 1, Laurel Land Dev.-L. K. mine discharge	40.49917	-78.86	11920110	
BCSB-180	SP3	Laurel Land Development	Blacklick Creek - South Branch		TR No. 1	40.49917	-78.85639	11920110	
BCSB-185	11	T. J. Mining, Inc.	Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	Seep	40.49472	-78.85778	11890102	
BCSB-187	5B	Laurel Land Dev., Inc.	Blacklick Creek - South Branch	COALPIT RUN	Deep Mine Discharge	40.5	-78.85306	11980103	
BCSB-189	11	Coalpit Run Proj.	Blacklick Creek - South Branch	COALPIT RUN	Deep mine discharge flowing through center of refuse pile, collected at weir below RR grade				Lower Kittanning
<b>Lower Blacklick Creek</b>									
LBC-001		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	MUDDY RUN	Drift Mine	40.48527	-79.21888		Pittsburgh
LBC-002		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	MUDDY RUN	2 Drift Mines	40.48666	-79.21861		Pittsburgh
LBC-003		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	BLACKLICK CREEK	Drift Mine	40.48222	-79.22083		Pittsburgh
LBC-004		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	MUDDY RUN	2 Drift Mines	40.49361	-79.22027		Pittsburgh
LBC-005		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	BLACKLICK CREEK	Strip mine	40.44916	-79.23722		
LBC-006		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	BLACKLICK CREEK	Drift mine	40.45861	-79.23638		Pittsburgh
LBC-007		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	BLACKLICK CREEK	Drift mine	40.45527	-79.23555		Pittsburgh
LBC-008		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	BLACKLICK CREEK	Drift mine	40.45416	-79.24861		Pittsburgh
LBC-010		Blacklick Scarlift	Lower Blacklick Creek to Conemaugh Res.	BLACKLICK CREEK	Drift Mine	40.45111	-79.23722		
<b>Upper Twolick Creek</b>									
UTLC-002		BCWA	Upper Twolick Creek	PENN RUN	North valley wall of Penn Run	40.63992	-79.02099		Lower Kittanning
UTLC-003		BCWA	Upper Twolick Creek	TWO LICK CREEK	Valley wall of Twolick Creek opposite Sample Run	40.6595	-79.0175		Lower Kittanning
UTLC-011		BCWA	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Western side of valley of the North Branch Twolick Creek, west of Learn Settlement	40.6889	-78.96033		Lower Kittanning
UTLC-012		BCWA	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Near tippie along the North Branch twolick Creek, north of Commodore-5	40.69385	-78.95847		Lower Kittanning
UTLC-013	33	BCWA	Upper Twolick Creek	POMPEY RUN	South side of Pompey Run northwest of Learn Settlement	40.69812	-78.9534		Lower Kittanning
UTLC-014	33	BCWA	Upper Twolick Creek	POMPEY RUN	South side of Pompey Run northwest of Learn Settlement	40.69685	-78.95131		Lower Kittanning
UTLC-017	38A	BCWA	Upper Twolick Creek	BUCK RUN	Eastern side of valley of un-named tributary to Buck Run	40.6884	-78.99805		
UTLC-018	38B	BCWA	Upper Twolick Creek	BUCK RUN	Eastern side of valley of un-named tributary to Buck Run	40.68976	-78.99934		
UTLC-019	32	BCWA	Upper Twolick Creek	SOUTH BRANCH TWO LICK CREEK	Deep Mine Discharge	40.67432	-78.88085		
UTLC-020	32	BCWA	Upper Twolick Creek	SOUTH BRANCH TWO LICK CREEK	Deep Mine Discharge	40.67235	-78.89442		
UTLC-021	37	BCWA	Upper Twolick Creek	BUCK RUN	Seep	40.68537	-78.99231		
UTLC-023		BCWA	Upper Twolick Creek	DIXON RUN	Discharge	40.75563	-79.00647		Upper Freeport
UTLC-024	MP-2	PADEP-SMP	Upper Twolick Creek	BUCK RUN	Seep	40.67583	-79.00666	32900102	
UTLC-025	MP-38	PADEP-SMP	Upper Twolick Creek	DIXON RUN	Seep from old strip	40.71944	-78.99	32980111	
UTLC-026	MP-39	PADEP-SMP	Upper Twolick Creek	DIXON RUN	Seep from old strip	40.72	-78.99055	32980111	
UTLC-027	MP-16	PADEP-SMP	Upper Twolick Creek	TWO LICK CREEK	Deep mine discharge	40.67611	-78.97055	32990111	
UTLC-028	MP-2	PADEP-SMP	Upper Twolick Creek	PENN RUN	Mahoning Deep mine discharge	40.60861	-79.02333	32000103	
UTLC-029	MP-3	PADEP-SMP	Upper Twolick Creek	PENN RUN	Mahoning Deep mine discharge	40.60888	-79.02305	32000103	
UTLC-031	MP-4	PADEP-SMP	Upper Twolick Creek	BUCK RUN	Pontami Mine - Discharge # 1	40.70805	-78.98333	32880102	Lower Freeport
UTLC-033	8	FNR Mining Company	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Deep Mine Discharge	40.70222	-78.96222	32880109	
UTLC-036	301395	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.65256	-79.01015		
UTLC-037	301396	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.64973	-79.01037		
UTLC-038	401069	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.64004	-79.00921		
UTLC-040	401068	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.6388	-79.01046		
UTLC-041	401067	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63783	-79.01138		
UTLC-042	401071	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63822	-79.00728		
UTLC-045	101297	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.72129	-78.94306		
UTLC-046	101298	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.72086	-78.94297		
UTLC-047	101296	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.72066	-78.9431		
UTLC-050	1200412	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.71061	-78.9469		
UTLC-052	1200415	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.71147	-78.94137		

Table 6 - Non-Point Source Discharge Areas

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number	Coal Seam
UTLC-058	1200343	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.70815	-78.95568		
UTLC-059	1200342	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.70757	-78.95661		
UTLC-060	1200346	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.70569	-78.95748		
UTLC-062	1200344	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.70293	-78.96239		
UTLC-063	1200337	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.7015	-78.95955		
UTLC-064	1200336	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.70065	-78.96017		
UTLC-065	1200345	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.7004	-78.95908		
UTLC-068	1200332	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.69211	-78.96211		
UTLC-069	1200334	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.69208	-78.96197		
UTLC-071	1200331	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.68976	-78.96346		
UTLC-074	1200327	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.68722	-78.96616		
UTLC-075	1200328	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.68717	-78.9663		
UTLC-076	1200140	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.68641	-78.96789		
UTLC-077	301502	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.6409	-79.01813		
UTLC-079	301504	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63571	-79.01331		
UTLC-081	301506	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63715	-79.0184		
UTLC-082	301507	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63773	-79.01937		
UTLC-085	401040	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63682	-79.02811		
UTLC-086	401041	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63672	-79.02844		
UTLC-087	401042	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63682	-79.0313		
UTLC-088	401043	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.63647	-79.03192		
UTLC-091	401118	ICCD - Multi County	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge Sample	40.70952	-78.93561		
UTLC-092	601444	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Discharge Sample	40.66284	-79.0366		
UTLC-094	601446	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Discharge Sample	40.66124	-79.03721		
UTLC-096	301358	ICCD - Multi County	Upper Twolick Creek	PENN RUN	Discharge Sample	40.64607	-79.00684		
UTLC-098	2	ICCD - Multi County	Upper Twolick Creek	DIXON RUN	Discharge Sample	40.68231	-79.01327		
UTLC-099	3	ICCD - Multi County	Upper Twolick Creek	DIXON RUN	Discharge Sample	40.68565	-79.01247		
UTLC-106	10	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Discharge Sample	40.6623	-78.9814		
UTLC-107	11	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Discharge Sample	40.66246	-78.98212		
UTLC-108	12	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Discharge Sample	40.66967	-78.99479		
UTLC-114	42	ICCD - Multi County	Upper Twolick Creek	TWO LICK CREEK	Discharge Sample	40.66443	-78.98158		
UTLC-121	54	ICCD - Multi County	Upper Twolick Creek	BUCK RUN	Discharge Sample	40.6796	-78.99827		
UTLC-122	55	ICCD - Multi County	Upper Twolick Creek	BUCK RUN	Discharge Sample	40.68012	-78.99815		
UTLC-126	59	ICCD - Multi County	Upper Twolick Creek	BUCK RUN	Discharge Sample	40.68451	-78.99394		
UTLC-128	61	ICCD - Multi County	Upper Twolick Creek	BUCK RUN	Discharge Sample	40.68805	-78.99928		
UTLC-139		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Victor No. 26 Mine	40.70351	-79.00475		Lower Freeport
UTLC-140		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Pontami Mine - Discharge # 2	40.70795	-78.98308		Lower Freeport
UTLC-141		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Commodore No. 1 Mine	40.71976	-78.9424		Lower Freeport
UTLC-142		Twolick Creek Scarlift	Upper Twolick Creek	TWO LICK CREEK	Cherry Hill No. 3	40.66341	-78.98105		Lower Kittanning
UTLC-143		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Victor No. 26 Mine	40.7024	-79.00556		Lower Freeport
UTLC-145		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Victor No. 29 Mine, multiple seeps just north of Clymer off Penn Street and Dixonville Road. IUP Two Lick site 2.	40.67854	-79.01385		Lower Kittanning
UTLC-146		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Rodkey Mine	40.6782	-78.99725		Lower Kittanning
UTLC-147		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Victor No. 29 Mine	40.68085	-79.01288		Lower Kittanning
UTLC-148		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Rodkey Mine, discharge from high up on hillside, IUP Two Lick site 3. Two Lick Scarlift Site	40.68293	-78.9947		Lower Kittanning
UTLC-149		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Victor No. 29 Mine	40.6757	-79.01525		Lower Kittanning
UTLC-150		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Capizzi Mine	40.70455	-78.97212		Lower Freeport
UTLC-151		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Capizzi Mine	40.70126	-78.97228		Lower Freeport
UTLC-152		Twolick Creek Scarlift	Upper Twolick Creek	TWO LICK CREEK	Mack No. 2 Mine	40.66531	-78.98045		Lower Kittanning
UTLC-153		Twolick Creek Scarlift	Upper Twolick Creek	TWO LICK CREEK	Swank No. 6 Mine	40.66818	-78.99334		Lower Kittanning
UTLC-154		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Randolph No. 2 Mine	40.71541	-79.0054		Lower Freeport
UTLC-155		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Victor No. 27	40.71895	-79.00767		Lower Freeport
UTLC-156		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Hess Mine and Black Bank Mine	40.72828	-79.00572		Lower Freeport
UTLC-157		Twolick Creek Scarlift	Upper Twolick Creek	TWO LICK CREEK	Clymer Mine No. 1	40.66465	-79.0376		Lower Kittanning
UTLC-158		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Estep Mine	40.70984	-78.96093		Lower Kittanning
UTLC-159		Twolick Creek Scarlift	Upper Twolick Creek	PENN RUN	Hess Mine	40.63304	-79.01533		Lower Kittanning
UTLC-160		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	P & G Coal Co. Mine #1	40.7434	-79.00575		Lower Freeport
UTLC-161		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Rodkey Mine	40.68565	-78.97948		Lower Kittanning
UTLC-162		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Rodkey Mine	40.68537	-78.98868		Lower Kittanning
UTLC-163		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Rodkey Mine	40.68548	-78.98955		Lower Kittanning
UTLC-164		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Rodkey Mine	40.68562	-78.99063		Lower Kittanning
UTLC-165		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	Rodkey Mine	40.68156	-78.99586		Lower Kittanning
UTLC-166		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	McKean Mine	40.69163	-78.9884		Lower Kittanning
UTLC-167		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Empire Mine No. 7	40.68697	-78.96619		Lower Kittanning
UTLC-168		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Empire No. 7 Mine	40.69842	-78.96074		Lower Kittanning
UTLC-169		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Empire No. 8 Mine	40.68536	-78.96284		Lower Kittanning
UTLC-170		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Edwards Mine (Dixon #1, #2, & #3 Mines)	40.73001	-79.00245		Lower Freeport
UTLC-171		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Capizzi Mine	40.7054	-78.97096		Lower Freeport
UTLC-172		Twolick Creek Scarlift	Upper Twolick Creek	PENN RUN	Heilwood No. 8 Mine	40.62502	-79.01649		Lower Freeport

Table 6 - Non-Point Source Discharge Areas

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number	Coal Seam
UTLC-173		Twolick Creek Scarlift	Upper Twolick Creek	TWO LICK CREEK	Cherryhill No. 1 and Victor No. 47 Mines, Surface mine discharge below Clymer	40.65174	-79.02708		Lower Kittanning
UTLC-174		Twolick Creek Scarlift	Upper Twolick Creek	TWO LICK CREEK	Cherryhill No. 1	40.65164	-79.027		Lower Kittanning
UTLC-175		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Edwards Bros. Mines	40.73875	-79.00833		Lower Freeport
UTLC-176		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Edwards Mine (Dixon #1, #2, & #3 Mines)	40.7352	-79.00246		Lower Freeport
UTLC-177		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Myers Mine	40.73549	-78.93625		Lower Freeport
UTLC-178		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Commodore No. 3 Mine	40.71976	-78.94505		Lower Freeport
UTLC-179		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Buterbaugh Mine and Harve Mack Mine	40.7047	-78.95886		Lower Kittanning
UTLC-180		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Buterbaugh & Harve Mack Mine. Mine blowout near the village of Starford. Possible room for treatment. IUP Two Lick site 12.	40.70296	-78.96081		Lower Kittanning
UTLC-181		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Buterbaugh Mine and Harve Mack Mine	40.70326	-78.96035		Lower Kittanning
UTLC-182		Twolick Creek Scarlift	Upper Twolick Creek	TWO LICK CREEK	Wanchisn Mine	40.67497	-78.98742		Lower Freeport
UTLC-183		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Victor No. 27	40.71636	-79.00935		Lower Freeport
UTLC-184		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Randolph No. 2 Mine	40.70764	-78.99551		
UTLC-185		Twolick Creek Scarlift	Upper Twolick Creek	BUCK RUN	A. K. Wright Mine	40.68661	-78.97807		
UTLC-186		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	Hess Mine and Black Bank Mine	40.72303	-79.00906		
UTLC-187		Twolick Creek Scarlift	Upper Twolick Creek	DIXON RUN	F. F. & K. Mine	40.707	-78.99587		
UTLC-188		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	First Street Drift Mine, Impacted flow off hillside just outside of Commodore, piped under the road. Two Lick Creek Scarlift site.	40.71396	-78.9458		
UTLC-189		Twolick Creek Scarlift	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Strip Mine	40.70844	-78.94054		
UTLC-190		Twolick Creek Scarlift	Upper Twolick Creek	PENN RUN	Cherry Hill No. 4	40.63617	-79.01056		
UTLC-191		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	High flow discharge from waste piles and deep mine. IUP Two Lick site 1.	40.66131	-79.03601		
UTLC-192		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Impacted flow over shale rocks near IUP Two Lick site 9, left side of road. IUP Two Lick site 10	40.68715	-78.96482		
UTLC-193		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Flow from left side of road from a wetland, flows under road into another wetland.	40.68836	-78.96403		
UTLC-197		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Impacted flow beside/behind Betty Lou's Restaurant. Small wetland that may be used for treatment. IUP Two Lick site 13.	40.70878	-78.95334		
UTLC-201		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Deep mine vent near car junkyard in Clymer. Very high flow. Two Lick Creek Scarlift Point. IUP Two Lick site 15.	40.71156	-78.94056		
UTLC-204		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Impaired flow into Two Lick Creek. IUP Two Lick site 16.	40.67382	-78.96493		
UTLC-205		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge in the upper part of NB Two Lick. IUP Two Lick site 17.	40.71049	-78.92933		
UTLC-206		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Discharge on the left side of Starford Road. Relatively minor discharge. Near IUP site 11.	40.69215	-78.96122		
UTLC-207	TL-19	Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Impaired flow into NB Two Lick Creek at Commodore. IUP Two Lick site 19.	40.71157	-78.94043		
UTLC-217		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Large flow from underground source piped under Rt. 403. Previous efforts for treatment not operating properly.	40.66388	-78.98031		
UTLC-220		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Diamondville Discharge (IUP site TL-8)	40.66521	-78.97202		
UTLC-223		Twolick Creek - IUP	Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	Impacted narrow flow draining through a yard, under the road and into NB Two Lick Creek. IUP Two Lick site 9.	40.6862	-78.96542		
UTLC-231		Twolick Creek - IUP	Upper Twolick Creek	BUCK RUN	Significant flow in small trib to Buck Run, flows between houses then piped under road, IUP Tow Lick site 4.	40.68493	-78.99601		
UTLC-232		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Large Seep/drainage from hillside. Drains uner Rt. 403 then to Two Lick Creek. IUP Two Lick site 5	40.66844	-78.99081		
UTLC-233		Twolick Creek - IUP	Upper Twolick Creek	TWO LICK CREEK	Impacted tributary draining a former strip mine and waste/refuse piles.	40.67169	-78.99233		
UTLC-235	UT-2	IUP	Upper Twolick Creek	POMPEY RUN	Starford Area - Refuse Piles etc.	40.6994	-78.957		
UTLC-236	UT-3	IUP	Upper Twolick Creek	POMPEY RUN	Sample at discharge. Surface mine discharge below Clymer	40.656	-79.0247		
UTLC-244	MP-4	M.B. Energy, Inc.	Upper Twolick Creek	POMPEY RUN	Starford #2 Discharge	40.69667	-78.94111	32890106	
<b>Lower Twolick Creek</b>									
LTLC-001	47	BCWA	Lower Twolick Creek	TWO LICK CREEK	Potter Mine, Senate Coal Permit Site - two borehole discharges	40.49582	-79.18966		Upper Freeport
LTLC-006		BCWA	Lower Twolick Creek	ALLEN RUN	North of Rt. 422 on the north side of Allens Run	40.61795	-79.04034		Lower Kittanning
LTLC-007		BCWA	Lower Twolick Creek	TWO LICK CREEK	Crichton Coal & Coke Co. Mine south of Luciusboro Laurel Run Treatment System #1	40.61637	-79.05533		Lower Kittanning
LTLC-008		BCWA	Lower Twolick Creek	TWO LICK CREEK	Penn Hills No. 2 Mine east End of Reservoir	40.634	-79.04018		Lower Kittanning
LTLC-010		BCWA	Lower Twolick Creek	CHERRY RUN	South side of Yellow Creek at west end of refuse pile, west of Tide.	40.55519	-79.19187		Lower Kittanning
LTLC-012	48	BCWA	Lower Twolick Creek	CHERRY RUN	Heavy borehole discharge - aluminum etc., Borehole along Cherry Run	40.51609	-79.18124		
LTLC-014	45	BCWA	Lower Twolick Creek	TWO LICK CREEK	Homer City - Near FMC- Two borehole discharges along cliffs near FMC	40.53097	-79.16895		Lower Kittanning
LTLC-017		BCWA	Lower Twolick Creek	TWO LICK CREEK	Approx. 1,000 ft. east of Rt. 119, east of Graceton	40.50762	-79.16294		Upper Freeport
LTLC-018		BCWA	Lower Twolick Creek	TWO LICK CREEK	Approx. 1,200 ft. east of Rt. 119, east of Graceton	40.50539	-79.16426		Upper Freeport
LTLC-020	501315	ICCD - Multi County	Lower Twolick Creek	TWO LICK CREEK	Discharge Sample	40.58512	-79.15123		
LTLC-037	501316	ICCD - Multi County	Lower Twolick Creek	TWO LICK CREEK	Discharge	40.58189	-79.15478		
LTLC-040	501389	ICCD - Multi County	Lower Twolick Creek	TWO LICK CREEK	Discharge, In Homer City next to the stream.	40.55827	-79.16632		
LTLC-047		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Campbell Mine, Campbell Mine across the stream from Lucerne No. 3B	40.59892	-79.12244		Upper Freeport
LTLC-048		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Lucerne 3-B Mine, Barish #1 mine, east of Lucerne #3B entrance.	40.59655	-79.12273		Upper Freeport
LTLC-049		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Graceton No. 2 Mine	40.51244	-79.15886		Upper Freeport
LTLC-050		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Coy No. 1 and No. 2 Mines	40.51113	-79.15211		Upper Freeport
LTLC-051		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Penn Hills No. 1 Mine, Penn Hills No. 1 Mine east End of Reservoir	40.62525	-79.0491		Lower Kittanning
LTLC-052		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Graceton No. 2 Mine	40.51245	-79.15886		Upper Freeport
LTLC-053		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Graceton No. 2 Mine	40.51261	-79.15876		Upper Freeport
LTLC-054		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Graceton No. 1 Mine	40.504	-79.1655		Upper Freeport
LTLC-055		Twolick Creek Scarlift	Lower Twolick Creek	TWO LICK CREEK	Ralston Mine	40.61017	-79.06673		
LTLC-061	LT-4	IUP	Lower Twolick Creek	TWO LICK CREEK	Collect at discharge. Risinger Shaft Discharge - Homer City	40.5549	-79.1629		
LTLC-064	SC-1	Senate Coal Co.	Lower Twolick Creek	TWO LICK CREEK	Proposed Coal Tipple Area near Josephene	40.49778	-79.18772		
<b>Tearing Run</b>									
TR-001		BCWA	Tearing Run	TEARING RUN	North side of Tearing Run, south of road.	40.5298	-79.1238		Lower Kittanning
TR-002		BCWA	Tearing Run	TEARING RUN	North side of Tearing Run, south of road., TR in the headwaters	40.5281	-79.12084		Lower Kittanning
TR-003		BCWA	Tearing Run	TEARING RUN	Center Coal Co. Waterman Mine	40.52898	-79.11687		Lower Kittanning
TR-005		BCWA	Tearing Run	TEARING RUN	Waterman Mine discharge	40.53186	-79.12451		Lower Kittanning
TR-009		BCWA	Tearing Run	TEARING RUN	Approx. 1.5 due east of Coral/Graceton, across from cemetery	40.50353	-79.13982		

Table 6 - Non-Point Source Discharge Areas

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number	Coal Seam
TR-014	MP-51	PADEP-SMP	Tearing Run	TEARING RUN	Deep Mine Discharge	40.53083	-79.10888	32910102	
TR-015	MP-52	PADEP-SMP	Tearing Run	TEARING RUN	Deep Mine Discharge	40.53083	-79.10833	32910102	
TR-016	MP-33	PADEP-SMP	Tearing Run	TEARING RUN	Seep	40.53055	-79.11027	32930106	
TR-017	MP-33A	PADEP-SMP	Tearing Run	TEARING RUN	Deep Mine Discharge	40.53083	-79.11055	32930106	
TR-019	SW23	PADEP-SMP	Tearing Run	TEARING RUN	Seep	40.50638	-79.13416	32950103	
TR-021	601238	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.51067	-79.12588		
TR-022	601239	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.51067	-79.12572		
TR-023	601242	ICCD - Multi County	Tearing Run	TEARING RUN	Treated discharge as of 06/02	40.52898	-79.1407		
TR-027	601240	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.51054	-79.12598		
TR-029	601159	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.53042	-79.12604		
TR-030	601160	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.53011	-79.12624		
TR-031	601161	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.53132	-79.137		
TR-032	601032	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.53072	-79.15671		
TR-033	601034	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.52881	-79.1481		
TR-034	601125	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.51102	-79.14134		
TR-035	601126	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.51067	-79.14106		
TR-036	601127	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.50756	-79.13711		
TR-037	601128	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.50648	-79.13914		
TR-040	601194	ICCD - Multi County	Tearing Run	TEARING RUN	Discharge Sample	40.51304	-79.14253		
TR-047		Twolick Creek Scarlift	Tearing Run	TEARING RUN	Snyder No. 2 Mine	40.53173	-79.13548		Lower Kittanning
TR-048		Twolick Creek Scarlift	Tearing Run	TEARING RUN	Snyder No. 1 Mine, Active Treatment, being treated	40.5291	-79.13697		Lower Kittanning
TR-049		Twolick Creek Scarlift	Tearing Run	TEARING RUN	Snyder No. 1 Mine discharge, not being treated	40.52902	-79.13734		Lower Kittanning
TR-050		Twolick Creek Scarlift	Tearing Run	TEARING RUN	Snyder No. 2 Mine	40.53175	-79.13551		Lower Kittanning
TR-052		Twolick Creek Scarlift	Tearing Run	TEARING RUN	Tearing Run Mine (Graceton No. 3 Mine)	40.52776	-79.15213		Upper Freeport
TR-053		Twolick Creek Scarlift	Tearing Run	TEARING RUN	Steward Mine	40.53098	-79.10957		
TR-055	TR-3	IUP	Tearing Run	TEARING RUN	Tearing Run discharge (Sipos Property)	40.5308	-79.1262		
<b>Upper Yellow Creek</b>									
UYC-001		BCWA	Upper Yellow Creek	YELLOW CREEK	Discharge	40.61593	-78.92065		
UYC-002		BCWA	Upper Yellow Creek	YELLOW CREEK	Refuse Pile	40.61511	-78.91768		
UYC-003		BCWA	Upper Yellow Creek	LITTLE YELLOW CREEK	Discharge	40.58345	-78.91388		
UYC-004		BCWA	Upper Yellow Creek	LEONARD RUN	Refuse Pile	40.61421	-78.92028		
UYC-005		BCWA	Upper Yellow Creek	FERRIER RUN	Strip mine southwest of evens Hill along Ferrier Run	40.56461	-79.08307		Lower Kittanning
UYC-007	MP-18	PADEP-SMP	Upper Yellow Creek	LITTLE YELLOW CREEK	Deep mine discharge	40.59383	-78.91502	32010110	
UYC-028		Twolick Creek Scarlift	Upper Yellow Creek	YELLOW CREEK	Glenside No. 9 Drift and Strip Mines	40.64056	-78.867		Lower Freeport
UYC-029		Twolick Creek Scarlift	Upper Yellow Creek	YELLOW CREEK	# 11 Mine Dip	40.62819	-78.87307		
UYC-030		Twolick Creek Scarlift	Upper Yellow Creek	LEONARD RUN	Heilwood No. 2 and No. 3 Mines	40.60958	-78.92529		Lower Freeport
UYC-031		Twolick Creek Scarlift	Upper Yellow Creek	LEONARD RUN	Heilwood No. 5 Mine	40.61258	-78.92161		Lower Freeport
UYC-032		Twolick Creek Scarlift	Upper Yellow Creek	YELLOW CREEK	Heilwood No. 2 and No. 3 Mines	40.61661	-78.92337		Lower Freeport
UYC-033		Twolick Creek Scarlift	Upper Yellow Creek	LEONARD RUN	Camerons Bottom Mine	40.60447	-78.91939		Lower Kittanning
UYC-034		Twolick Creek Scarlift	Upper Yellow Creek	YELLOW CREEK	Ferrier Run Mine	40.57556	-79.10181		Lower Kittanning
UYC-035		Twolick Creek Scarlift	Upper Yellow Creek	YELLOW CREEK	Heilwood No. Mine	40.61735	-78.92174		
UYC-037		Twolick Creek Scarlift	Upper Yellow Creek	LEONARD RUN	Valley Coal Nos. 5, 6, & 7	40.59128	-78.92309		
UYC-038		Twolick Creek Scarlift	Upper Yellow Creek	LEONARD RUN	Valley Coal No. 8	40.58882	-78.92572		
UYC-042	MP-2A	Alverda Enterprises, Inc.	Upper Yellow Creek	LEONARD RUN	Deep mine discharge	40.60333	-78.91681	32010110	
<b>Lower Yellow Creek</b>									
LYC-001		BCWA	Lower Yellow Creek	YELLOW CREEK	Crop discharge - no discharge	40.54938	-79.11583		Lower Kittanning
LYC-006		BCWA	Lower Yellow Creek	YELLOW CREEK	Samac #2 Mine discharge	40.55777	-79.11284		Lower Kittanning
LYC-007	56	BCWA	Lower Yellow Creek	YELLOW CREEK	SGL road seep	40.56769	-79.11178		
LYC-009	53	BCWA	Lower Yellow Creek	YELLOW CREEK	Appalachia Mine discharge	40.57133	-79.12118		
LYC-011		BCWA	Lower Yellow Creek	YELLOW CREEK	North of un-named tributary to Yellow Creek across from the town of Tide.	40.55505	-79.13126		Lower Kittanning
LYC-013		BCWA	Lower Yellow Creek	YELLOW CREEK	North of Tide, east of Yellow Creek along abandoned railroad bed	40.55923	-79.12786		Lower Kittanning
LYC-016		BCWA	Lower Yellow Creek	YELLOW CREEK	South side of unnamed tributary, east of Tide	40.55287	-79.12801		Lower Kittanning
LYC-019	MP-F	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.55055	-79.12805	32940105	
LYC-020	MP-H	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.55083	-79.12861	32940105	
LYC-021	MP-T-24	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Deep Mine Discharge	40.5525	-79.125	32940105	
LYC-022	MP-100	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.56583	-79.12555	32990102	
LYC-023	MP-202	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.565	-79.12138	32990102	
LYC-024	MP-2	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Discharge from surface mine,Pete Snyder Mine	40.56194	-79.10972	32990102	
LYC-025	MP-96	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Soil Discharge	40.56805	-79.12583	32990102	
LYC-026	MP-99	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.56777	-79.12527	32990102	
LYC-027	101	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.565	-79.125	32990102	
LYC-028	104	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.56805	-79.12555	32990102	
LYC-029	105	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.56777	-79.125	32990102	
LYC-030	106	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Mine Discharge	40.5675	-79.12527	32990102	
LYC-031	MP-D1	PADEP-SMP	Lower Yellow Creek	YELLOW CREEK	Deep mine discharge	40.575	-79.12444	32000102	
LYC-033	601397	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.56202	-79.12784		



Table 6 - Non-Point Source Discharge Areas

Location ID	Corres. ID	Affiliation	Major Watershed	Sub Watershed	Description	Latitude	Longitude	DEP Permit Number	Coal Seam
LYC-034	601398	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.56202	-79.12766		
LYC-036	601400	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.5619	-79.13027		
LYC-037	601401	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.55764	-79.13215		
LYC-039	601434	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.557	-79.13699		
LYC-042	601437	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.5566	-79.14605		
LYC-043	601438	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Stream Sample	40.55362	-79.1505		
LYC-044	601439	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.55041	-79.14174		
LYC-047	601469	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.56972	-79.11902		
LYC-048	601470	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.57049	-79.12277		
LYC-051	601467	ICCD - Multi County	Lower Yellow Creek	YELLOW CREEK	Discharge Sample	40.5571	-79.11597		
LYC-058		Twolick Creek Scarlift	Lower Yellow Creek	YELLOW CREEK	Crown Hill Mine	40.56908	-79.12322		Lower Kittanning
LYC-059		Twolick Creek Scarlift	Lower Yellow Creek	YELLOW CREEK	Mecco Mine	40.56706	-79.12434		Upper Freeport
LYC-062		Twolick Creek Scarlift	Lower Yellow Creek	YELLOW CREEK	Judy No. 14 Mine, Krolick Mine	40.5563	-79.11508		Lower Kittanning
LYC-063		Twolick Creek Scarlift	Lower Yellow Creek	YELLOW CREEK	Crown Hill Mine	40.56758	-79.10825		
LYC-064		Twolick Creek Scarlift	Lower Yellow Creek	YELLOW CREEK	Judy No. 14 Mine	40.55453	-79.11472		
LYC-070		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Discharge	40.56968	-79.12578		
LYC-071		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Discharge	40.56964	-79.12456		
LYC-076		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tide Borehole, North of Tide, east of Yellow Creek along abandoned railroad bed	40.562	-79.127		Lower Kittanning
LYC-079		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tide Refuse Pile Seep	40.556	-79.131		
LYC-080	YC-09A	Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Tide Refuse Pile Seep - grassy area	40.556	-79.131		
LYC-083		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Lucerne #3 Mine, North side of Yellow Creek, east of Lucerne Mines.,North side of Yellow Creek	40.558	-79.143		Upper Freeport
LYC-086		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Lucerne No. 2 Mine Churn Drill Holes, Bore hole behind 84 Lumber	40.5473	-79.15458		Upper Freeport
LYC-088		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Judy #14 Discharge	40.56	-79.115		Lower Kittanning
LYC-090		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	OHM stripmine discharge	40.551	-79.113		
LYC-094		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Weir at wetlands near Rt. 119 bridge. In swampy area by R & P power plant, east side of Rt. 119,Collect at pipe near bridge at Tide Rd and 119 Over pass	40.5501	-79.1548		
LYC-095		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Discharge below ACV refuse pit,South side of Yellow Creek at west end of refuse pile, west of Tide.	40.557	-79.143		
LYC-097		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Deep mine discharge southeast of Tide, South side of unnamed tributary, east of Tide	40.55267	-79.12596		
LYC-100		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	Deep mine discharge along Rt. 954	40.5508	-79.11469		
LYC-101		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	West side of valley near Rt. 954	40.55079	-79.11625		
LYC-102		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	West side of valley near Rt. 954	40.54807	-79.11541		
LYC-103		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	West side of valley near Rt. 954	40.54807	-79.11541		
LYC-104		Yellow Creek Proj.	Lower Yellow Creek	YELLOW CREEK	West side of valley near Rt. 954	40.54807	-79.11541		
LYC-151	MP-A	Mears Enterprises	Lower Yellow Creek	YELLOW CREEK	Deep Mine Discharge			32850110	

Table 7 - Discharge Areas per Watershed

Major Watershed	Sub Watershed	Total Number of Sample Types	Discharge	Drillhole	Sed Pond Discharge	Seep	STP Discharge	Stream	Treatment System	Well
Blacklick Creek - Main Stem	AULDS RUN	4	3			1				
Blacklick Creek - Main Stem	BLACKLICK CREEK	114	63			23		28		
Blacklick Creek - Main Stem	BRUSH CREEK	28	8					20		
Blacklick Creek - Main Stem	LAUREL RUN	41	12			2		27		
Blacklick Creek - Main Stem	MARDIS RUN	2	1					1		
Blacklick Creek - Main Stem	RAMSEY RUN	10	8					2		
Blacklick Creek - Main Stem	RUMMEL RUN	9	5			3		1		
Blacklick Creek - Main Stem	YELLOW CREEK	1				1				
Blacklick Creek - North Branch	CALIFORNIA RUN	1						1		
Blacklick Creek - North Branch	CARNEY RUN	1						1		
Blacklick Creek - North Branch	CROOKED RUN	3						2	1	
Blacklick Creek - North Branch	ELK CREEK	13	1			4		7	1	
Blacklick Creek - North Branch	LITTLE ELK CREEK	1						1		
Blacklick Creek - North Branch	NORTH BRANCH BLACKLICK CREEK	8	3			1		4		
Blacklick Creek - North Branch	WALKER RUN	1	1							
Blacklick Creek - South Branch		3	2					1		
Blacklick Creek - South Branch	BRACKEN RUN	3	2					1		
Blacklick Creek - South Branch	COALPIT RUN	56	30		1	6		19		
Blacklick Creek - South Branch	SHUMAN RUN	2	1			1				
Blacklick Creek - South Branch	SOUTH BRANCH BLACKLICK CREEK	76	27			12	1	36		
Blacklick Creek - South Branch	STEWART RUN	2						2		
Blacklick Creek - South Branch	WILLIAMS RUN	1						1		
Lower Blacklick Creek	BLACKLICK CREEK	8	6					2		
Lower Blacklick Creek	GREYS RUN	1						1		
Lower Blacklick Creek	MUDDY RUN	4	3					1		
Lower Blacklick Creek	STEWART RUN	1						1		
Lower Blacklick Creek	WEIRS RUN	1						1		
Upper Twolick Creek	BUCK RUN	30	17			4		9		
Upper Twolick Creek	DIXON RUN	29	19			2		8		
Upper Twolick Creek	NORTH BRANCH TWO LICK CREEK	62	44					18		
Upper Twolick Creek	PENN RUN	29	21					7	1	
Upper Twolick Creek	POMPEY RUN	7	4					2	1	
Upper Twolick Creek	SOUTH BRANCH TWO LICK CREEK	6	2					4		
Upper Twolick Creek	TWO LICK CREEK	39	22					16	1	
Upper Twolick Creek	WHITAKER RUN	1						1		
Lower Twolick Creek	ALLEN RUN	10	1					7	2	
Lower Twolick Creek	CHERRY RUN	4	2					2		
Lower Twolick Creek	RAMSEY RUN	2						2		
Lower Twolick Creek	STONEY RUN	2					1	1		

Table 7 - Discharge Areas per Watershed

Major Watershed	Sub Watershed	Total Number of Sample Types	Discharge	Drillhole	Sed Pond Discharge	Seep	STP Discharge	Stream	Treatment System	Well
Lower Twolick Creek	TWO LICK CREEK	33	20					10	3	
Tearing Run	TEARING RUN	64	29	10		2		21		2
Upper Yellow Creek	FERRIER RUN	3	1					2		
Upper Yellow Creek	LEONARD RUN	10	6			1		3		
Upper Yellow Creek	LITTLE YELLOW CREEK	13	2					11		
Upper Yellow Creek	YELLOW CREEK	19	6			1		12		