

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/2/2009	9/2/2009	9/3/2009	9/4/2009	9/4/2009	9/3/2009	9/9/2009	9/10/2009
WV Fk DS Outfall 005	22800		33800		24500		18570	24500
Outfall 005			34400			26200	25250	
WV Fk US Outfall 005								
WV Fk (below H2O intake) DS 003						2870		
WV Fk (above H2O intake) US 003						2550		
WV Fk at 002						4040		
WV Fk US 002						2730		
WV Fk US Blacksville #2 (private bridge)					3330		4957	
WV Fk at Wanna	3400							
WV Fk between Wanna & Wadestown						3700		
Range Run						509		
N Fk WV Fk at mouth						445		
S Fk WV Fk at mouth						9400		
S Fk WV (at hunting camp)						11100		
S FK WV Fk below wetland								
S FK WV Fk in Wetland								
S Fk WV Fk (at access bridge)						11800		
S Fk WV Fk DS 016 (~50')								
Outfall 016 (Loveridge)						13090		
S Fk WV Fk US 016 (~50')						250		
North of Kuhntown Shaft								
NW of Kuhntown Shaft								
Near barrier seep between Blacksville #1 & #2								
Wana submersible pump								

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Conductivity, $\mu\text{S/cm}$						
	9/10/2009	9/13/2009	9/14/2009	9/15/2009	9/15/2009	9/16/2009	9/17/2009
Dundard Ck near mouth				1870			
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	2160	2210					
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	2230						
Dunkark Ck DS Rudolph Run		3110				2800	
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage					3740	4010	
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville				4760			
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run	5330						
Dunkard Ck US Morris Run (near or at Brave)	5870	5840		6550			
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)			5870			6120	
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)		427		424			
PA Fork at T309 Bridge				8000-10000			

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Conductivity, $\mu\text{S}/\text{cm}$						
	9/10/2009	9/13/2009	9/14/2009	9/15/2009	9/15/2009	9/16/2009	9/17/2009
WV Fk DS Outfall 005	11570	12120	11570	19760	18900	17300	17000
Outfall 005	21720	26700	26700	5000-10000	23300	24300	26700
WV Fk US Outfall 005	3400	3480	3400		4400	5130	3740
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003	3190		3190				
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna							
WV Fk between Wanna & Wadestown	4590						
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)	12850						
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')			12850				
Outfall 016 (Loveridge)	12960		12960				
S Fk WV Fk US 016 (~50')	891		891				
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009	9/22/2009	9/23/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church				2040	2280		
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park						2558	
Dunkark Ck DS Rudolph Run				2990	3160		
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress						4052	
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009	9/22/2009	9/23/2009
WV Fk DS Outfall 005	16200			8070	6790	5720	5690
Outfall 005	26100			26300	26300		23500
WV Fk US Outfall 005	4990			3310	3580		3460
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna			4112			3633	
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland	12050						
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)	12380			12210	12550		12360
S Fk WV Fk DS 016 (~50')				1290	13000		
Outfall 016 (Loveridge)				272	223		
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2		43900					
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/28/2009	10/7/2009	9/2/2009	9/2/2009	9/3/2009	9/4/2009	9/4/2009	9/10/2009
WV Fk DS Outfall 005	4110			12332	2281		18900	18856
Outfall 005	10170			21064				
WV Fk US Outfall 005	3680			2272	2144			
WV Fk (below H2O intake) DS 003								
WV Fk (above H2O intake) US 003								
WV Fk at 002								
WV Fk US 002								
WV Fk US Blacksville #2 (private bridge)							1940	
WV Fk at Wanna								
WV Fk between Wanna & Wadestown								
Range Run								
N Fk WV Fk at mouth								
S Fk WV Fk at mouth								
S Fk WV (at hunting camp)								
S FK WV Fk below wetland								
S FK WV Fk in Wetland								
S Fk WV Fk (at access bridge)	2290							
S Fk WV Fk DS 016 (~50')								
Outfall 016 (Loveridge)	5970							
S Fk WV Fk US 016 (~50')	157							
North of Kuhntown Shaft								
NW of Kuhntown Shaft								
Near barrier seep between Blacksville #1 & #2								
Wana submersible pump								

EPA
DEP - WW
DEP - Mines
PADEP

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Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	TDS, mg/l						
	9/13/2009	9/14/2009	9/15/2009	9/16/2009	9/18/2009	9/18/2009	9/17/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine					3/21/1903		
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	2020				1398		
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run	1320						
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7					3002		
Dunkard Ck above DOH garage			2390	2760			
Dunkard Creek DS of Blacksville #1					2742		
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)	4080						
Dunkard Ck Above Lower Dam (at Brave)		3880		3680			
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

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Station Name	TDS, mg/l						
	9/13/2009	9/14/2009	9/15/2009	9/16/2009	9/18/2009	9/18/2009	9/17/2009
WV Fk DS Outfall 005	8610	8330	14700	11200	10938		11300
Outfall 005	21100	20900	16400	18500	22268		20600
WV Fk US Outfall 005	2250	2520	2250	2880			2550
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003		1820					
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna						2160	
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)					7204		
S FK WV Fk below wetland							8650
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							8380
S Fk WV Fk DS 016 (~50')		9050					
Outfall 016 (Loveridge)		8870			9648		
S Fk WV Fk US 016 (~50')		420					
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2					29860		
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/19/2009	9/20/2009	9/22/2009	9/28/2009	10/7/2009	9/2/2009	9/3/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	1520	1430		1590			
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park			1410				
Dunkark Ck DS Rudolph Run	1900	1930					
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress			2540				
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						19	
Miracle Run ~50 yds US from mouth				1580			
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2				3690			
Miracle Run US Federal 2				212			
Dunkard Ck US Miracle Run						33	
Dunkard Ck US Morris Run (near or at Brave)						48	
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/19/2009	9/20/2009	9/22/2009	9/28/2009	10/7/2009	9/2/2009	9/3/2009
WV Fk DS Outfall 005	4450	4410	3120	2530			88
Outfall 005	20000	20500		6780			1126
WV Fk US Outfall 005	2400	2560		2540			54
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna			2130				
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland	7740						
S Fk WV Fk (at access bridge)	8410	8140		1410			
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)	9590	8740		8290			
S Fk WV Fk US 016 (~50')	295	161		164			
North of Kuhntown Shaft					19,402		
NW of Kuhntown Shaft					30,378		
Near barrier seep between Blacksville #1 & #2					26,262		
Wana submersible pump					21,960		

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	TSS, mg/l						
	9/3/2009	9/4/2009	9/4/2009	9/13/2009	9/14/2009	9/15/2009	9/16/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church		21					
Dunkard Ck ~200 yds DS from Eddy AMD 003		17					
Dunkard Ck @ Eddy AMD		16					
Dunkard Ck at Buckeye Church	29	40	18	28			
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run				26			
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage						31	
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)				26			
Dunkard Ck Above Lower Dam (at Brave)					77		
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)			26				
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	TSS, mg/l						
	9/3/2009	9/4/2009	9/4/2009	9/13/2009	9/14/2009	9/15/2009	9/16/2009
WV Fk DS Outfall 005	30		56	32	33	53	
Outfall 005	27			46	68	44	
WV Fk US Outfall 005				22	23	23	
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003					28		
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)			12				
WV Fk at Wanna							
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')			35		37		
Outfall 016 (Loveridge)					35		
S Fk WV Fk US 016 (~50')					3		
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/18/2009	9/18/2009	9/17/2009	9/22/2009	9/2/2009	9/3/2009	9/3/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church							236
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park				24			
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress				25			
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)					446		
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run					416		
Dunkard Ck US Morris Run (near or at Brave)					600		
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/18/2009	9/18/2009	9/17/2009	9/22/2009	9/2/2009	9/3/2009	9/3/2009
WV Fk DS Outfall 005				17		4500	
Outfall 005						4500	
WV Fk US Outfall 005						342	333
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna		22		31			
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)							236
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2	78						
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Chlor						
	9/4/2009	9/4/2009	9/9/2009	9/10/2009	9/13/2009	9/14/2009	9/15/2009
Dundard Ck near mouth				152			
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church	224						
Dunkard Ck ~200 yds DS from Eddy AMD 003	236						
Dunkard Ck @ Eddy AMD	238						
Dunkard Ck at Buckeye Church	244	246			177		
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run					214		
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							440
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run			447				
Dunkard Ck US Morris Run (near or at Brave)				840			
Dunkard Ck Below Lower Dam (at Brave)					740		
Dunkard Ck Above Lower Dam (at Brave)						730	
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)		1270		5.9			
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Chlor						
	9/4/2009	9/4/2009	9/9/2009	9/10/2009	9/13/2009	9/14/2009	9/15/2009
WV Fk DS Outfall 005		4000	3740	4255	1790	1610	3000
Outfall 005			6120		3820	4450	4050
WV Fk US Outfall 005					312	359	386
WV Fk (below H2O intake) DS 003			444				
WV Fk (above H2O intake) US 003						318	
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)		302					
WV Fk at Wanna							
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')						1430	
Outfall 016 (Loveridge)						1360	
S Fk WV Fk US 016 (~50')						39.4	
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
 DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Nitrite, mg/l					
	9/16/2009	9/18/2009	9/18/2009	9/17/2009	9/19/2009	9/20/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine		186				
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church		226			194	216
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park						
Dunkark Ck DS Rudolph Run					307	329
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress						
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7		504				
Dunkard Ck above DOH garage	388					
Dunkard Creek DS of Blacksville #1		214				
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)	730					
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Lead, mg/l					
	9/16/2009	9/18/2009	9/18/2009	9/17/2009	9/19/2009	9/20/2009
WV Fk DS Outfall 005	2620	2044		2490	873	740
Outfall 005	4090	3700		4380	3620	4750
WV Fk US Outfall 005	450			325	273	300
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna			408			
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)		1349				
S FK WV Fk below wetland				1300		
S FK WV Fk in Wetland					1180	
S Fk WV Fk (at access bridge)				1240	1470	1440
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)		1457			962	1530
S Fk WV Fk US 016 (~50')					4.88	3.17
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2		4630				
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/22/2009	9/28/2009	10/7/2009	9/2/2009	9/3/2009	9/3/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine						
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church		263				578
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park	226					
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress	455					
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7						
Dunkard Ck above DOH garage						
Dunkard Creek DS of Blacksville #1						
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)				1180		
Miracle Run ~50 yds US from mouth		113				
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2		262				
Miracle Run US Federal 2		2.27				
Dunkard Ck US Miracle Run				1216		
Dunkard Ck US Morris Run (near or at Brave)				1222		
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)						
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/22/2009	9/28/2009	10/7/2009	9/2/2009	9/3/2009	9/3/2009
WV Fk DS Outfall 005	702	432			8300	1180
Outfall 005		1380			8500	
WV Fk US Outfall 005		376			942	920
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna	355					
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)						
S FK WV Fk below wetland						
S FK WV Fk in Wetland						
S Fk WV Fk (at access bridge)		202				
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)		1560				
S Fk WV Fk US 016 (~50')		9.89				
North of Kuhntown Shaft			5800			
NW of Kuhntown Shaft			7600			
Near barrier seep between Blacksville #1 & #2			5300			
Wana submersible pump			5000			

EPA
DEP - WW
DEP - Mines
PADEP

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Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	SO4, mg/l						
	9/4/2009	9/4/2009	9/9/2009	9/10/2009	9/13/2009	9/14/2009	9/15/2009
Dundard Ck near mouth				406			
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church	578						
Dunkard Ck ~200 yds DS from Eddy AMD 003	584						
Dunkard Ck @ Eddy AMD	584						
Dunkard Ck at Buckeye Church	594	579			1020		
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run					541		
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							1720
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run			1360				
Dunkard Ck US Morris Run (near or at Brave)				1622			
Dunkard Ck Below Lower Dam (at Brave)					1460		
Dunkard Ck Above Lower Dam (at Brave)						1450	
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)		2360		32			
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	SO4, mg/l						
	9/4/2009	9/4/2009	9/9/2009	9/10/2009	9/13/2009	9/14/2009	9/15/2009
WV Fk DS Outfall 005		6590	6730	7867	3520	3150	6290
Outfall 005			10800		7280	8250	8460
WV Fk US Outfall 005			1070		855	871	965
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003						871	
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)		840					
WV Fk at Wanna							
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')						3850	
Outfall 016 (Loveridge)						3650	
S Fk WV Fk US 016 (~50')						104	
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/16/2009	9/18/2009	9/18/2009	9/17/2009	9/19/2009	9/20/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine		462				
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church		584			521	586
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park						
Dunkark Ck DS Rudolph Run					955	945
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress						
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7		1342				
Dunkard Ck above DOH garage	1020					
Dunkard Creek DS of Blacksville #1		1614				
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)	1360					
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/16/2009	9/18/2009	9/18/2009	9/17/2009	9/19/2009	9/20/2009
WV Fk DS Outfall 005	5510	4172		4840	2080	1680
Outfall 005	8430	7418		8320	7220	9150
WV Fk US Outfall 005	1090			823	693	805
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna			1110			
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)		3660				
S FK WV Fk below wetland				3510		
S FK WV Fk in Wetland					3180	
S Fk WV Fk (at access bridge)				3380	4060	3980
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)		4029			2670	4190
S Fk WV Fk US 016 (~50')					16.4	10.7
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2		11200				
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	NH3-N, mg/l						
	9/22/2009	9/28/2009	10/7/2009	9/4/2009	9/15/2009	9/16/2009	9/18/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church		680		<.04			
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	754						
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress	1180						
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage					<0.04	<0.04	
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth		852					
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2		2080					
Miracle Run US Federal 2		39.6					
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)						0.77	
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)				0.07			
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	NH3-N, mg/l						
	9/22/2009	9/28/2009	10/7/2009	9/4/2009	9/15/2009	9/16/2009	9/18/2009
WV Fk DS Outfall 005	1570	1120		1.86			
Outfall 005		2500					
WV Fk US Outfall 005		1020					
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)				<.04			
WV Fk at Wanna	950						<0.5
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)		544					
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)		4080					
S Fk WV Fk US 016 (~50')		29.4					
North of Kuhntown Shaft			6000				
NW of Kuhntown Shaft			7000				
Near barrier seep between Blacksville #1 & #2			10,000				
Wana submersible pump			8000				

EPA
DEP - WW
DEP - Mines
PADEP

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Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/17/2009	9/2/2009	9/2/2009	9/3/2009	9/4/2009	9/4/2009	9/9/2009	9/10/2009
WV Fk DS Outfall 005		0.09		0.11		0.0278	0.045	
Outfall 005				0.1			0.058	
WV Fk US Outfall 005				0.93				
WV Fk (below H2O intake) DS 003							0.135	
WV Fk (above H2O intake) US 003								
WV Fk at 002								
WV Fk US 002								
WV Fk US Blacksville #2 (private bridge)						0.128		
WV Fk at Wanna								
WV Fk between Wanna & Wadestown								
Range Run								
N Fk WV Fk at mouth								
S Fk WV Fk at mouth								
S Fk WV (at hunting camp)								
S FK WV Fk below wetland	0.06							
S FK WV Fk in Wetland								
S Fk WV Fk (at access bridge)	0.52							
S Fk WV Fk DS 016 (~50')								
Outfall 016 (Loveridge)								
S Fk WV Fk US 016 (~50')								
North of Kuhntown Shaft								
NW of Kuhntown Shaft								
Near barrier seep between Blacksville #1 & #2								
Wana submersible pump								

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Al, mg/l					
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine				0.16		
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church				0.17		0.055
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park						
Dunkark Ck DS Rudolph Run						0.058
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress						
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7				0.11		
Dunkard Ck above DOH garage	0.077	0.035				
Dunkard Creek DS of Blacksville #1				0.18		
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)			0.03			
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Al, mg/l					
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009
WV Fk DS Outfall 005				17.3		0.048
Outfall 005				<0.05		<0.06
WV Fk US Outfall 005						0.116
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna						
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)				0.19		
S FK WV Fk below wetland			0.051			
S FK WV Fk in Wetland						0.037
S Fk WV Fk (at access bridge)			0.04			0.037
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)				0.1		0.052
S Fk WV Fk US 016 (~50')						0.156
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2				2		
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Cr, mg/l						
	9/20/2009	9/22/2009	9/4/2009	9/15/2009	9/16/2009	9/17/2009	9/18/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							<0.05
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	0.025		<.001				<0.05
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park		0.05					
Dunkark Ck DS Rudolph Run	0.039						
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress		0.03					
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							<0.05
Dunkard Ck above DOH garage				<0.001	<0.001		
Dunkard Creek DS of Blacksville #1							<0.05
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)					0.0011		
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)			0.0013				
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Cr, mg/l						
	9/20/2009	9/22/2009	9/4/2009	9/15/2009	9/16/2009	9/17/2009	9/18/2009
WV Fk DS Outfall 005	0.045	0.03	0.0013				<0.05
Outfall 005	<0.06						<0.05
WV Fk US Outfall 005	0.041						
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)			<.001				
WV Fk at Wanna		0.09					
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							<0.05
S FK WV Fk below wetland						0.0024	
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)	0.037					0.0032	
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)	0.056						<0.05
S Fk WV Fk US 016 (~50')	0.01						
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP



Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/18/2009	9/19/2009	9/22/2009	9/4/2009	9/9/2009	9/15/2009	9/16/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church				<.002			
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park			<0.005				
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress			<0.005				
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage						0.003	0.0044
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run					0.013		
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							0.0028
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)				<.002			
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/18/2009	9/19/2009	9/22/2009	9/4/2009	9/9/2009	9/15/2009	9/16/2009
WV Fk DS Outfall 005			<0.01	<.002	0.057		
Outfall 005					0.086		
WV Fk US Outfall 005							
WV Fk (below H2O intake) DS 003					0.012		
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)				<.002			
WV Fk at Wanna	<0.005		<0.005				
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland		<0.001					
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)							
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP



Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Cu, mg/l						
	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/22/2009	9/2/2009	9/2/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine		<0.02					
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church		<0.02					
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park					0.0029		
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress					0.0038		
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7		<0.02					
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1		<0.02					
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							0.23
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							0.24
Dunkard Ck US Morris Run (near or at Brave)							0.33
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Cu, mg/l						
	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/22/2009	9/2/2009	9/2/2009
WV Fk DS Outfall 005		<0.02			<0.005	0.43	
Outfall 005		<0.02					
WV Fk US Outfall 005							
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna			0.0042		0.0034		
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)		<0.02					
S FK WV Fk below wetland	0.0041						
S FK WV Fk in Wetland				0.0033			
S Fk WV Fk (at access bridge)	0.0042						
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)							
S Fk WV Fk US 016 (~50')		<0.02					
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Fe, mg/l						
	9/3/2009	9/4/2009	9/4/2009	9/9/2009	9/10/2009	9/15/2009	9/16/2009
Dundard Ck near mouth					0.573		
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church		0.61					
Dunkard Ck ~200 yds DS from Eddy AMD 003		0.52					
Dunkard Ck @ Eddy AMD		0.19					
Dunkard Ck at Buckeye Church		0.24	0.19				
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage						0.211	0.192
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run				0.205			
Dunkard Ck US Morris Run (near or at Brave)					0.242		
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							0.192
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)			0.434		0.534		
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Fe, mg/l						
	9/3/2009	9/4/2009	9/4/2009	9/9/2009	9/10/2009	9/15/2009	9/16/2009
WV Fk DS Outfall 005	0.25		0.877	0.451	0.48		
Outfall 005	0.13			2.7			
WV Fk US Outfall 005	2.13						
WV Fk (below H2O intake) DS 003				0.652			
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)			0.403				
WV Fk at Wanna							
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)							
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009	9/22/2009	9/4/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine		0.27					
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church		0.33		0.212	0.189		<.003
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park						0.19	
Dunkark Ck DS Rudolph Run				0.204	0.21		
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress						0.12	
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7		0.21					
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1		0.25					
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							<.003
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009	9/22/2009	9/4/2009
WV Fk DS Outfall 005		46				0.33	<.003
Outfall 005		0.27					
WV Fk US Outfall 005				0.425	0.436		
WV Fk (below H2O intake) DS 003				0.52	0.78		
WV Fk (above H2O intake) US 003				0.448	0.387		
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							<.003
WV Fk at Wanna			0.68			0.48	
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)		0.48					
S FK WV Fk below wetland	0.314						
S FK WV Fk in Wetland				0.073			
S Fk WV Fk (at access bridge)	0.403			0.492	0.632		
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)		0.22		0.069	0.067		
S Fk WV Fk US 016 (~50')				1.1	0.527		
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2		574					
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

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Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Pb, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/22/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine				<0.001			
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church				<0.001			
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							<0.003
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							<0.003
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7				<0.001			
Dunkard Ck above DOH garage	0.0003	<0.002					
Dunkard Creek DS of Blacksville #1				<0.001			
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)		<0.0002					
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Pb, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/22/2009
WV Fk DS Outfall 005				<0.001			<0.006
Outfall 005				<0.001			
WV Fk US Outfall 005							
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna					<0.003		<0.003
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)				<0.001			
S FK WV Fk below wetland			0.0003				
S FK WV Fk in Wetland						0.0002	
S Fk WV Fk (at access bridge)			<0.0002				
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)				<0.001			
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/2/2009	9/2/2009	9/3/2009	9/4/2009	9/4/2009	9/9/2009	9/10/2009
Dundard Ck near mouth							0.191
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church				0.21			
Dunkard Ck ~200 yds DS from Eddy AMD 003				0.18			
Dunkard Ck @ Eddy AMD				0.19			
Dunkard Ck at Buckeye Church				0.21	0.195		
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)		0.19					
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run		0.18				0.176	
Dunkard Ck US Morris Run (near or at Brave)		0.18					0.455
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)					0.862		0.072
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/2/2009	9/2/2009	9/3/2009	9/4/2009	9/4/2009	9/9/2009	9/10/2009
WV Fk DS Outfall 005	0.52		1.06		1.17	0.643	0.606
Outfall 005			0.47			1.29	
WV Fk US Outfall 005			1.18				
WV Fk (below H2O intake) DS 003						0.601	
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)					0.154		
WV Fk at Wanna							
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)							
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Mn, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine				0.27			
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church				0.34		0.298	0.234
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run						0.214	0.206
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7				0.17			
Dunkard Ck above DOH garage	0.178	0.157					
Dunkard Creek DS of Blacksville #1				0.08			
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)		1.65					
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Mn, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009
WV Fk DS Outfall 005				18.9		0.353	0.304
Outfall 005				1.24		1.34	1.27
WV Fk US Outfall 005						0.31	0.312
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna					0.241		
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)				0.17			
S FK WV Fk below wetland			0.19				
S FK WV Fk in Wetland						0.114	
S Fk WV Fk (at access bridge)			0.124			0.203	0.22
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)				<0.01		0.007	0.007
S Fk WV Fk US 016 (~50')						0.0705	0.404
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2				11			
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Ni, mg/l						
	9/22/2009	9/9/2009	9/18/2009	9/18/2009	9/22/2009	9/9/2009	9/10/2009
Dundard Ck near mouth							261
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine			<0.04				
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church			<0.04				
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	0.181				0.006		
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress	0.156				0.0076		
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7			<0.04				
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1			<0.04				
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run		0.009				786	
Dunkard Ck US Morris Run (near or at Brave)							1210
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							23
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Ni, mg/l						
	9/22/2009	9/9/2009	9/18/2009	9/18/2009	9/22/2009	9/9/2009	9/10/2009
WV Fk DS Outfall 005	0.211	0.025	<0.04		0.009	4040	5480
Outfall 005		0.032	<0.04			5780	
WV Fk US Outfall 005						697	
WV Fk (below H2O intake) DS 003		0.007					
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna	0.161			0.0071	0.0058		
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)			<0.04				
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)			<0.04				
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP



Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Na, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine				380			
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church				453		324	401
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run						438	515
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7				788			
Dunkard Ck above DOH garage	626	638					
Dunkard Creek DS of Blacksville #1				814			
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)		1030					
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Na, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009
WV Fk DS Outfall 005		3900		4312		1480	1340
Outfall 005		5430		7205		4340	5380
WV Fk US Outfall 005		5020				513	633
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna					1090		
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)				32374			
S FK WV Fk below wetland			2550				
S FK WV Fk in Wetland						2290	
S Fk WV Fk (at access bridge)			2500			2550	2550
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)				2599		3480	3280
S Fk WV Fk US 016 (~50')						12.1	10
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2				6660			
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP



Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Se, mg/l						
	9/22/2009	9/28/2009	9/4/2009	9/9/2009	9/15/2009	9/16/2009	9/17/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church		396	<.02				
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	475						
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress	923						
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage					0.00	0.0036	
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth		371					
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2		969					
Miracle Run US Federal 2		20.1					
Dunkard Ck US Miracle Run				0.015			
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)						0.006	
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)			<.02				
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Se, mg/l						
	9/22/2009	9/28/2009	9/4/2009	9/9/2009	9/15/2009	9/16/2009	9/17/2009
WV Fk DS Outfall 005	1440	875	0.0067	0.107			
Outfall 005		2070		0.146			
WV Fk US Outfall 005		743					
WV Fk (below H2O intake) DS 003				0.016			
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)			<.02				
WV Fk at Wanna	907						
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							0.0085
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)		417					0.0082
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)		2460					
S Fk WV Fk US 016 (~50')		11.1					
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP



Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/18/2009	9/18/2009	9/19/2009	9/22/2009	9/4/2009	9/9/2009	9/10/2009
Dundard Ck near mouth							0.01
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine	<0.006						
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	<0.006				0.0051		
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park				0.008			
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress				0.0157			
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7	<0.006						
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1	<0.006						
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run						0.005	
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)					0.0044		
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/18/2009	9/18/2009	9/19/2009	9/22/2009	9/4/2009	9/9/2009	9/10/2009
WV Fk DS Outfall 005	<0.006			0.0328	0.0051	0.011	0.012
Outfall 005	0.0072					0.012	
WV Fk US Outfall 005							
WV Fk (below H2O intake) DS 003						0.008	
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)					0.0058		
WV Fk at Wanna		0.0159		0.0125			
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)	0.0075						
S FK WV Fk below wetland							
S FK WV Fk in Wetland			0.0062				
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)	0.008						
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP



Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Zn, mg/l					
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine				0.007		
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church				0.006		
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park						
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress						
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7				0.005		
Dunkard Ck above DOH garage	0.012	0.0132				
Dunkard Creek DS of Blacksville #1				0.021		
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)		0.0031				
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Zn, mg/l					
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009
WV Fk DS Outfall 005				0.114		19.8
Outfall 005				<0.005		24.6
WV Fk US Outfall 005						24.9
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna					<0.05	
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)				<0.005		
S FK WV Fk below wetland			0.0078			
S FK WV Fk in Wetland						0.013
S Fk WV Fk (at access bridge)			0.0043			
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)				0.02		
S Fk WV Fk US 016 (~50')						
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2						
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	K, mg/l						
	9/22/2009	9/9/2009	9/16/2009	9/17/2009	9/18/2009	9/19/2009	9/22/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine					6.19		
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church					6.46		
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	<0.05						6.4
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress	<0.05						9.3
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7					8.7		
Dunkard Ck above DOH garage			13.3				
Dunkard Creek DS of Blacksville #1					9.81		
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run		8.04					
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)			8.66				
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	K, mg/l						
	9/22/2009	9/9/2009	9/16/2009	9/17/2009	9/18/2009	9/19/2009	9/22/2009
WV Fk DS Outfall 005	<0.1	35.80			21		7.7
Outfall 005		55.30			23.6		
WV Fk US Outfall 005							
WV Fk (below H2O intake) DS 003		9.55					
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna	<0.05						6.2
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)					20.7		
S FK WV Fk below wetland				17.9			
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)				17.8			
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)					24.5		
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Mg, mg/l						
	9/28/2009	9/9/2009	9/10/2009	9/15/2009	9/16/2009	9/17/2009	9/18/2009
Dundard Ck near mouth			21				
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							23
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	8.14						23.6
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							44.1
Dunkard Ck above DOH garage				47	52.3		
Dunkard Creek DS of Blacksville #1							54.2
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth	6.6						
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2	10.4						
Miracle Run US Federal 2	2.14						
Dunkard Ck US Miracle Run		48.50					
Dunkard Ck US Morris Run (near or at Brave)			67				
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)					71.8		
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)			7				
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Mg, mg/l						
	9/28/2009	9/9/2009	9/10/2009	9/15/2009	9/16/2009	9/17/2009	9/18/2009
WV Fk DS Outfall 005	9.04	229.00	313		248		193
Outfall 005	14.7	3737.00			332		322
WV Fk US Outfall 005	8.91				337		
WV Fk (below H2O intake) DS 003		32.70					
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna							
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							87.5
S FK WV Fk below wetland						112	
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)	5.45					105	
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)	19.4						103
S Fk WV Fk US 016 (~50')	2.61						
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/18/2009	9/19/2009	9/20/2009	9/22/2009	9/28/2009	9/4/2009	9/9/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church						<0.001	
Dunkard Ck ~200 yds DS from Eddy AMD 003						<0.001	
Dunkard Ck @ Eddy AMD						<0.001	
Dunkard Ck at Buckeye Church		26.2	29.7		31	<0.001	
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park				30			
Dunkark Ck DS Rudolph Run		39.2	42				
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress				45.2			
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth					34.9		
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2					77.1		
Miracle Run US Federal 2					7.36		
Dunkard Ck US Miracle Run							0.005
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/18/2009	9/19/2009	9/20/2009	9/22/2009	9/28/2009	9/4/2009	9/9/2009
WV Fk DS Outfall 005		95	80.8	54.1	33.4		0.031
Outfall 005		461	474		122		0.042
WV Fk US Outfall 005		32	33		30.2		
WV Fk (below H2O intake) DS 003							0.006
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna	30.5			26.9			
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland		82.7					
S Fk WV Fk (at access bridge)		118	109		18.9		
S Fk WV Fk DS 016 (~50')					116		
Outfall 016 (Loveridge)		116	123		3.44		
S Fk WV Fk US 016 (~50')		5.65	5.26				
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	As, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine				0.001			
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church				<0.001		0.0039	0.005
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run							0.0051
Dunkard Ck US Rudolph Run						0.0044	
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7				<0.001			
Dunkard Ck above DOH garage	0.0041	0.0042					
Dunkard Creek DS of Blacksville #1				<0.001			
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)		0.0083					
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	As, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/19/2009	9/20/2009
WV Fk DS Outfall 005				<0.001		0.0109	0.0096
Outfall 005				<0.001		0.0333	0.0307
WV Fk US Outfall 005						0.0076	0.0053
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna					<0.007		
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)				<0.001			
S FK WV Fk below wetland			0.0104				
S FK WV Fk in Wetland						0.0143	
S Fk WV Fk (at access bridge)			0.0088			0.0132	0.0125
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)				<0.001		0.0138	0.0126
S Fk WV Fk US 016 (~50')						0.0043	0.0031
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Ba, mg/l						
	9/22/2009	9/9/2009	9/10/2009	9/15/2009	9/16/2009	9/17/2009	9/18/2009
Dundard Ck near mouth			0.109				
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							0.1
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church							<0.1
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	<0.007						
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress	<0.007						
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							<0.1
Dunkard Ck above DOH garage				0.0971	0.102		
Dunkard Creek DS of Blacksville #1							<0.1
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run		0.08					
Dunkard Ck US Morris Run (near or at Brave)			0.09				
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)					0.145		
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)			0.66				
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Ba, mg/l						
	9/22/2009	9/9/2009	9/10/2009	9/15/2009	9/16/2009	9/17/2009	9/18/2009
WV Fk DS Outfall 005	<0.014	0.047	0.33				0.35
Outfall 005		N/D					<0.1
WV Fk US Outfall 005							
WV Fk (below H2O intake) DS 003		0.093					
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna	<0.007						
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							<0.1
S FK WV Fk below wetland						0.0368	
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)						0.0142	
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)							<0.1
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/19/2009	9/20/2009	9/22/2009	9/28/2009	9/9/2009	9/18/2009	9/18/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine						66.9	
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	0.0973	0.104		0.094		71.6	
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park			0.078				
Dunkark Ck DS Rudolph Run	0.0967	0.0944					
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress			0.07				
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7						101	
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1						117	
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth				0.05			
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2				0.034			
Miracle Run US Federal 2				0.063			
Dunkard Ck US Miracle Run					111		
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	9/19/2009	9/20/2009	9/22/2009	9/28/2009	9/9/2009	9/18/2009	9/18/2009
WV Fk DS Outfall 005	0.0687	0.0821	0.055	0.084	473	312	
Outfall 005	0.012	0.0116		0.019	71.8	360	
WV Fk US Outfall 005	0.109	0.102		0.084			
WV Fk (below H2O intake) DS 003					99.5		
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna			0.085				58.9
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)						70.2	
S FK WV Fk below wetland							
S FK WV Fk in Wetland	0.117						
S Fk WV Fk (at access bridge)	0.0155	0.0163		0.048			
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)	0.0082	0.0082		0.007		79.1	
S Fk WV Fk US 016 (~50')	0.08	0.0699		0.049			
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Ca, mg/l				Co, mg/l		
	9/19/2009	9/20/2009	9/22/2009	9/28/2009	9/9/2009	9/15/2009	9/16/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	73.5	75.3		72.3			
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park			74.9				
Dunkark Ck DS Rudolph Run	81.9	85.5					
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress			105				
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage						<0.0002	<0.0002
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth				77.1			
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2				146			
Miracle Run US Federal 2				37.1			
Dunkard Ck US Miracle Run					0.001		
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							<0.0002
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Ca, mg/l				Co, mg/l		
	9/19/2009	9/20/2009	9/22/2009	9/28/2009	9/9/2009	9/15/2009	9/16/2009
WV Fk DS Outfall 005	181	155	125	56.1	0.002		
Outfall 005	774	797		247	0.003		
WV Fk US Outfall 005	72.9	74.9		52.8			
WV Fk (below H2O intake) DS 003					ND		
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna			52.1				
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland	36.6						
S Fk WV Fk (at access bridge)	74.6	74.4		32.5			
S Fk WV Fk DS 016 (~50')				57.9			
Outfall 016 (Loveridge)	65	66.7		15.2			
S Fk WV Fk US 016 (~50')	29.5	29.1					
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data

October 30, 2009

Station Name	Cd, mg/l						
	9/17/2009	9/18/2009	9/19/2009	9/22/2009	9/2/2009	9/3/2009	9/4/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church							28
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park				<0.0025			
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress				<0.0025			
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							20
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Cd, mg/l						
	9/17/2009	9/18/2009	9/19/2009	9/22/2009	9/2/2009	9/3/2009	9/4/2009
WV Fk DS Outfall 005				<0.005	44.1		105
Outfall 005							
WV Fk US Outfall 005						13.3	
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							16
WV Fk at Wanna		<0.0025		<0.0025			
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland	<0.0002						
S FK WV Fk in Wetland			<0.0002				
S Fk WV Fk (at access bridge)	<0.0002						
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)							
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

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Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	COD, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/22/2009	9/3/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine				38.1			
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church				18.3			
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park						39	
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress						51	
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage	45	41					
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	COD, mg/l						
	9/15/2009	9/16/2009	9/17/2009	9/18/2009	9/18/2009	9/22/2009	9/3/2009
WV Fk DS Outfall 005				44.8		54	
Outfall 005				49.5			
WV Fk US Outfall 005							5.5
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna					42	50	
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)				26.3			
S FK WV Fk below wetland		30					
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)		38					
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)				14.6			
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	TOC, mg/l						
	9/4/2009	9/15/2009	9/16/2009	9/17/2009	9/16/2009	9/17/2009	9/18/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							0.28
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	7.71						0.34
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park							
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress							
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							0.49
Dunkard Ck above DOH garage		7.74	11.1		0.15		
Dunkard Creek DS of Blacksville #1							0.53
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)					0.23		
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)	4.72						
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	TOC, mg/l						
	9/4/2009	9/15/2009	9/16/2009	9/17/2009	9/16/2009	9/17/2009	9/18/2009
WV Fk DS Outfall 005	3.22				<0.5	0.26	<0.01
Outfall 005					<0.5	0.53	<0.01
WV Fk US Outfall 005					<0.5	<0.25	
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)	4.94						
WV Fk at Wanna							
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							1.04
S FK WV Fk below wetland				5.42		0.41	
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)				3.87		0.47	
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)							0.21
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Flouride mg/l				Hardness, mg/l		
	9/18/2009	9/19/2009	9/20/2009	9/22/2009	9/9/2009	9/18/2009	9/22/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine							
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church		0.21	0.19				
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park				<10			311
Dunkark Ck DS Rudolph Run		0.2	0.2				
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress				<12.5			448
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7							
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1							
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run					475		
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Flouride mg/l				Hardness, mg/l		
	9/18/2009	9/19/2009	9/20/2009	9/22/2009	9/9/2009	9/18/2009	9/22/2009
WV Fk DS Outfall 005		0.76	0.7	<20	2080		535
Outfall 005		0.38	0.38		3000		
WV Fk US Outfall 005		0.22	0.025				
WV Fk (below H2O intake) DS 003					383		
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna	<12.5			<10		273	241
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)							
S FK WV Fk below wetland							
S FK WV Fk in Wetland		0.97					
S Fk WV Fk (at access bridge)		12.5	0.47				
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)		1.3	0.5				
S Fk WV Fk US 016 (~50')		0.18	0.08				
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Beta-BHC, mg/l	Acetone, ug/l	t-butyl Alcohol	Bromide, mg/l		
	9/4/2009	9/10/2009	9/10/2009	9/10/2009	9/18/2009	9/22/2009
Dundard Ck near mouth				0.9		
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine						
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church	0.0000084					
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park						1.7
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress						3.4
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7						
Dunkard Ck above DOH garage						
Dunkard Creek DS of Blacksville #1						
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)		3	9	5		
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)						
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)	<.0000016			<0.2		
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Beta-BHC, mg/l	Acetone, ug/l	t-butyl Alcohol	Bromide, mg/l		
	9/4/2009	9/10/2009	9/10/2009	9/10/2009	9/18/2009	9/22/2009
WV Fk DS Outfall 005	<.0000016			27		5.2
Outfall 005						
WV Fk US Outfall 005						
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)	<.0000016					
WV Fk at Wanna					2.68	2.1
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)						
S FK WV Fk below wetland						
S FK WV Fk in Wetland						
S Fk WV Fk (at access bridge)						
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)						
S Fk WV Fk US 016 (~50')						
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2						
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP



Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	NO ₂ +NO ₃ , mg/l	P , mg/l	TKN, mg/l	Sb, mg/l		B, l
	9/18/2009	9/18/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine				<0.005		0.11
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church				<0.005		0.13
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park					<0.005	
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress					<0.005	
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7				<0.005		0.22
Dunkard Ck above DOH garage						
Dunkard Creek DS of Blacksville #1				<0.005		0.32
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)						
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	NO ₂ +NO ₃ , mg/l	P , mg/l	TKN, mg/l	Sb, mg/l		B, l
	9/18/2009	9/18/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009
WV Fk DS Outfall 005				0.008	<0.01	0.93
Outfall 005				0.012		1.43
WV Fk US Outfall 005						
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna	<15.0	0.18	2		<0.005	
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)				0.017		0.89
S FK WV Fk below wetland						
S FK WV Fk in Wetland						
S Fk WV Fk (at access bridge)						
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)				0.013		1.1
S Fk WV Fk US 016 (~50')						
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2						
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	mg/l	Be, mg/l			Hg, mg/l		
	9/22/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009	9/22/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine		<0.005			<0.0002		
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church		<0.005			<0.0002		
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	0.172			<0.001			<0.0001
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress	0.252			<0.001			<0.0001
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7		<0.005			<0.0002		
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1		<0.005			<0.0002		
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	mg/l	Be, mg/l				Hg, mg/l		
	9/22/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009	9/22/2009	
WV Fk DS Outfall 005	0.321	<0.005		<0.001	<0.0002			
Outfall 005		<0.005			<0.0002			
WV Fk US Outfall 005							<0.0001	
WV Fk (below H2O intake) DS 003								
WV Fk (above H2O intake) US 003								
WV Fk at 002								
WV Fk US 002								
WV Fk US Blacksville #2 (private bridge)								
WV Fk at Wanna	0.266		<0.001	<0.001		<0.0001	<0.0001	
WV Fk between Wanna & Wadestown								
Range Run								
N Fk WV Fk at mouth								
S Fk WV Fk at mouth								
S Fk WV (at hunting camp)		<0.005			<0.0002			
S FK WV Fk below wetland								
S FK WV Fk in Wetland								
S Fk WV Fk (at access bridge)								
S Fk WV Fk DS 016 (~50')								
Outfall 016 (Loveridge)		<0.005			<0.0002			
S Fk WV Fk US 016 (~50')								
North of Kuhntown Shaft								
NW of Kuhntown Shaft								
Near barrier seep between Blacksville #1 & #2								
Wana submersible pump								

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Tl, mg/l			Ag, mg/l		Dis Al, mg/l	
	9/18/2009	9/18/2009	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine	<0.001			<0.01		<0.05	
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church	<0.001			<0.01		<0.05	
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park			<0.0025		<0.0005		
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress			<0.0025		<0.0005		
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7	<0.001			<0.01		<0.05	
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1	<0.001			<0.01		<0.05	
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Tl, mg/l			Ag, mg/l		Dis Al, mg/l	
	9/18/2009	9/18/2009	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
WV Fk DS Outfall 005	<0.001			<0.01		<0.05	
Outfall 005	0.009			<0.01		<0.05	
WV Fk US Outfall 005			<0.005		<0.0005		
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna		<0.0025	<0.0025		<0.0005		<0.02
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)	0.002			<0.01		<0.05	
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)	0.003			<0.01		<0.05	
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Sb, mg/l		Dis As, mg/l				
	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine		<0.005		<0.001			<0.1
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church		<0.005		<0.001			<0.1
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	<0.02		<0.005			<0.007	
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress	<0.02		<0.005			<0.007	
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7		<0.005		<0.001			<0.1
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1		<0.005		<0.001			<0.1
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Sb, mg/l				Dis As, mg/l		
	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009
WV Fk DS Outfall 005		0.007		<0.001			<0.1
Outfall 005		0.01		<0.001			<0.1
WV Fk US Outfall 005	<0.02		<0.005			<0.014	
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna	<0.02		<0.005		<0.007	<0.007	
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)		0.01		<0.001			<0.1
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)		0.009		<0.001			<0.1
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Ba, mg/l		Dis Be, mg/l		Dis B, mg/l	
	9/18/2009	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine					<0.005	
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church					<0.005	
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park		0.076		<0.001		
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress		0.069		<0.001		
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7					<0.005	
Dunkard Ck above DOH garage						
Dunkard Creek DS of Blacksville #1					<0.005	
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)						
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Ba, mg/l		Dis Be, mg/l		Dis B, mg/l	
	9/18/2009	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
WV Fk DS Outfall 005					<0.005	
Outfall 005					<0.005	
WV Fk US Outfall 005		0.054		<0.001		
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna	0.101	0.081	<0.001	<0.001		0.262
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)					<0.005	
S FK WV Fk below wetland						
S FK WV Fk in Wetland						
S Fk WV Fk (at access bridge)						
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)					<0.005	
S Fk WV Fk US 016 (~50')						
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2						
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Cd, mg/l			Dis Cr, mg/l		
	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/22/2009	9/18/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine						<0.02
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church						<0.02
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park	0.165		<0.0025		<0.005	
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress	0.239		<0.0025		<0.005	
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7						<0.02
Dunkard Ck above DOH garage						
Dunkard Creek DS of Blacksville #1						<0.02
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)						
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Cd, mg/l			Dis Cr, mg/l		9/18/2009
	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/22/2009	
WV Fk DS Outfall 005						<0.02
Outfall 005						<0.02
WV Fk US Outfall 005	0.307		<0.005		<0.01	
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna	0.233	<0.0025	<0.0025	<0.005	<0.005	
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)						<0.02
S FK WV Fk below wetland						
S FK WV Fk in Wetland						
S Fk WV Fk (at access bridge)						
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)						<0.02
S Fk WV Fk US 016 (~50')						
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2						
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Cu, mg/l		Dis Fe, mg/l			
	9/18/2009	9/22/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine			<0.05			<0.001
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church			<0.05			<0.001
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park		0.0025			0.02	
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress		0.0034			0.02	
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7			<0.05			<0.001
Dunkard Ck above DOH garage						
Dunkard Creek DS of Blacksville #1			<0.05			<0.001
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)						
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Cu, mg/l		Dis Fe, mg/l			
	9/18/2009	9/22/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009
WV Fk DS Outfall 005			<0.05			<0.001
Outfall 005			0.07			<0.001
WV Fk US Outfall 005		<0.005			0.07	
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna	0.004	0.0026		0.08	0.05	
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)			<0.05			<0.001
S FK WV Fk below wetland						
S FK WV Fk in Wetland						
S Fk WV Fk (at access bridge)						
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)			<0.05			<0.001
S Fk WV Fk US 016 (~50')						
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2						
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Pb, mg/l		Dis Mn, mg/l		Dis Ni, mg/l	
	9/18/2009	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine			<0.01		<0.04	
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church			<0.01		<0.04	
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park		<0.003		0.023		
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress		<0.003		0.046		
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7			<0.01		<0.04	
Dunkard Ck above DOH garage						
Dunkard Creek DS of Blacksville #1			<0.01		<0.04	
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)						
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Pb, mg/l		Dis Mn, mg/l		Dis Ni, mg/l	
	9/18/2009	9/22/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
WV Fk DS Outfall 005			0.28		<0.04	
Outfall 005			0.18		<0.04	
WV Fk US Outfall 005		<0.006		0.135		
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna	<0.003	<0.003		0.072		0.0071
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)			<0.01		<0.04	
S FK WV Fk below wetland						
S FK WV Fk in Wetland						
S Fk WV Fk (at access bridge)						
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)			<0.01		<0.04	
S Fk WV Fk US 016 (~50')						
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2						
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis K, mg/l		Dis Se, mg/l			Dis Ag, mg/l	
	9/22/2009	9/18/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
Dundard Ck near mouth							
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine			<0.006			<0.01	
Dunkard Ck @ State Line DS from Buckeye Church							
Dunkard Ck ~200 yds DS from Eddy AMD 003							
Dunkard Ck @ Eddy AMD							
Dunkard Ck at Buckeye Church			<0.006			<0.01	
Dunkard Ck at Dolls Run							
Rudolph Run/Dunkard Ck							
Dunkard Ck at Mason Dixon Park	0.0059				0.0066		
Dunkark Ck DS Rudolph Run							
Dunkard Ck US Rudolph Run							
Dunkard Ck at Pentress	0.0073				0.0188		
Dundard Ck DS Days Run							
Dunkard Creek @ DOH Bridge Rt 7			<0.006			<0.01	
Dunkard Ck above DOH garage							
Dunkard Creek DS of Blacksville #1			<0.006			<0.01	
Dunkard Ck at Blacksville							
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)							
Miracle Run ~50 yds US from mouth							
Miracle Run at MasonDixon School							
Right Branch Miracle Run at Crossroads							
Miracle Run at Luther Park Road							
Miracle Run DS Federal 2							
Miracle Run US Federal 2							
Dunkard Ck US Miracle Run							
Dunkard Ck US Morris Run (near or at Brave)							
Dunkard Ck Below Lower Dam (at Brave)							
Dunkard Ck Above Lower Dam (at Brave)							
Hoovers Run/PA Fork							
Toms Run/PA Fork							
PA Fork (near bridge or hunting camp)							
PA Fork at T309 Bridge							

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis K, mg/l		Dis Se, mg/l			Dis Ag, mg/l	
	9/22/2009	9/18/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
WV Fk DS Outfall 005			<0.006			<0.01	
Outfall 005			<0.006			<0.01	
WV Fk US Outfall 005	0.0076				0.0254		
WV Fk (below H2O intake) DS 003							
WV Fk (above H2O intake) US 003							
WV Fk at 002							
WV Fk US 002							
WV Fk US Blacksville #2 (private bridge)							
WV Fk at Wanna	0.0051	6.7		0.0138	0.0127		<0.0001
WV Fk between Wanna & Wadestown							
Range Run							
N Fk WV Fk at mouth							
S Fk WV Fk at mouth							
S Fk WV (at hunting camp)			<0.006			<0.01	
S FK WV Fk below wetland							
S FK WV Fk in Wetland							
S Fk WV Fk (at access bridge)							
S Fk WV Fk DS 016 (~50')							
Outfall 016 (Loveridge)			<0.006			<0.01	
S Fk WV Fk US 016 (~50')							
North of Kuhntown Shaft							
NW of Kuhntown Shaft							
Near barrier seep between Blacksville #1 & #2							
Wana submersible pump							

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Sr, mg/l		Dis Tl, mg/l			Dis V, mg/l
	9/22/2009	9/18/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009
Dundard Ck near mouth						
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine			<0.001			
Dunkard Ck @ State Line DS from Buckeye Church						
Dunkard Ck ~200 yds DS from Eddy AMD 003						
Dunkard Ck @ Eddy AMD						
Dunkard Ck at Buckeye Church			<0.001			
Dunkard Ck at Dolls Run						
Rudolph Run/Dunkard Ck						
Dunkard Ck at Mason Dixon Park	<0.0001				<0.0025	
Dunkark Ck DS Rudolph Run						
Dunkard Ck US Rudolph Run						
Dunkard Ck at Pentress	<0.0001				<0.0025	
Dundard Ck DS Days Run						
Dunkard Creek @ DOH Bridge Rt 7			<0.001			
Dunkard Ck above DOH garage						
Dunkard Creek DS of Blacksville #1			<0.001			
Dunkard Ck at Blacksville						
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)						
Miracle Run ~50 yds US from mouth						
Miracle Run at MasonDixon School						
Right Branch Miracle Run at Crossroads						
Miracle Run at Luther Park Road						
Miracle Run DS Federal 2						
Miracle Run US Federal 2						
Dunkard Ck US Miracle Run						
Dunkard Ck US Morris Run (near or at Brave)						
Dunkard Ck Below Lower Dam (at Brave)						
Dunkard Ck Above Lower Dam (at Brave)						
Hoovers Run/PA Fork						
Toms Run/PA Fork						
PA Fork (near bridge or hunting camp)						
PA Fork at T309 Bridge						

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Sr, mg/l		Dis Tl, mg/l			Dis V, mg/l
	9/22/2009	9/18/2009	9/18/2009	9/18/2009	9/22/2009	9/18/2009
WV Fk DS Outfall 005			<0.001			
Outfall 005			0.006			
WV Fk US Outfall 005	<0.0001				<0.005	
WV Fk (below H2O intake) DS 003						
WV Fk (above H2O intake) US 003						
WV Fk at 002						
WV Fk US 002						
WV Fk US Blacksville #2 (private bridge)						
WV Fk at Wanna	<0.0001	0.778		<0.0025	<0.0025	<0.002
WV Fk between Wanna & Wadestown						
Range Run						
N Fk WV Fk at mouth						
S Fk WV Fk at mouth						
S Fk WV (at hunting camp)			0.002			
S FK WV Fk below wetland						
S FK WV Fk in Wetland						
S Fk WV Fk (at access bridge)						
S Fk WV Fk DS 016 (~50')						
Outfall 016 (Loveridge)			0.002			
S Fk WV Fk US 016 (~50')						
North of Kuhntown Shaft						
NW of Kuhntown Shaft						
Near barrier seep between Blacksville #1 & #2						
Wana submersible pump						

EPA
DEP - WW
DEP - Mines
PADEP

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Zn, mg/l			NO ₃ , mg/l	NO ₂ , mg/l
	9/18/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
Dundard Ck near mouth					
Dunkard Ck 4.5 m. DS of Mt Morris U.S of 4-West Mine	<0.005			<0.01	<0.01
Dunkard Ck @ State Line DS from Buckeye Church					
Dunkard Ck ~200 yds DS from Eddy AMD 003					
Dunkard Ck @ Eddy AMD					
Dunkard Ck at Buckeye Church	<0.005			<0.01	<0.01
Dunkard Ck at Dolls Run					
Rudolph Run/Dunkard Ck					
Dunkard Ck at Mason Dixon Park			<0.05		
Dunkark Ck DS Rudolph Run					
Dunkard Ck US Rudolph Run					
Dunkard Ck at Pentress			<0.05		
Dundard Ck DS Days Run					
Dunkard Creek @ DOH Bridge Rt 7	<0.005			<0.01	0.02
Dunkard Ck above DOH garage					
Dunkard Creek DS of Blacksville #1	0.009			3.2	0.03
Dunkard Ck at Blacksville					
Dunkard Ck DS Miracle Run (at Brave Rd Bridge)					
Miracle Run ~50 yds US from mouth					
Miracle Run at MasonDixon School					
Right Branch Miracle Run at Crossroads					
Miracle Run at Luther Park Road					
Miracle Run DS Federal 2					
Miracle Run US Federal 2					
Dunkard Ck US Miracle Run					
Dunkard Ck US Morris Run (near or at Brave)					
Dunkard Ck Below Lower Dam (at Brave)					
Dunkard Ck Above Lower Dam (at Brave)					
Hoovers Run/PA Fork					
Toms Run/PA Fork					
PA Fork (near bridge or hunting camp)					
PA Fork at T309 Bridge					

Dunkard Creek Fish Kill Accumulative Data
October 30, 2009

Station Name	Dis Zn, mg/l			NO ₃ , mg/l	NO ₂ , mg/l
	9/18/2009	9/18/2009	9/22/2009	9/18/2009	9/18/2009
WV Fk DS Outfall 005	<0.005			0.1	0.86
Outfall 005	<0.005			0.17	0.38
WV Fk US Outfall 005			<0.1		
WV Fk (below H2O intake) DS 003					
WV Fk (above H2O intake) US 003					
WV Fk at 002					
WV Fk US 002					
WV Fk US Blacksville #2 (private bridge)					
WV Fk at Wanna		<0.05	<0.05		
WV Fk between Wanna & Wadestown					
Range Run					
N Fk WV Fk at mouth					
S Fk WV Fk at mouth					
S Fk WV (at hunting camp)	<0.005			<0.01	0.07
S FK WV Fk below wetland					
S FK WV Fk in Wetland					
S Fk WV Fk (at access bridge)					
S Fk WV Fk DS 016 (~50')					
Outfall 016 (Loveridge)	<0.005			0.36	0.02
S Fk WV Fk US 016 (~50')					
North of Kuhntown Shaft					
NW of Kuhntown Shaft					
Near barrier seep between Blacksville #1 & #2					
Wana submersible pump					

EPA
DEP - WW
DEP - Mines
PADEP