

Fish collected from West Fork River upstream and downstream of Harrison Power Plant discharge on 9/8/2010 by WVDEP.

Family	Common Name	Scientific Name	Upstream of Plant			Downstream of plant		
			RM 17.9			RM 16.4		
			Min	Max	Number collected	Min	Max	Number collected
Centrarchidae - Bass, Sunfish	Smallmouth Bass	<i>Micropterus dolomieu</i>	56	412	28	63	287	25
	Spotted Bass	<i>Micropterus punctulatus</i>	82	290	11	80	305	5
	Largemouth Bass	<i>Micropterus salmoides</i>	164		1			
	Bluegill	<i>Lepomis macrochirus</i>	88	113	10	91	116	4
	Green Sunfish	<i>Lepomis cyanellus</i>	79	153	6	77	113	2
	Longear Sunfish	<i>Lepomis megalotis</i>	78	96	15	na	114	3
	Hybrid Sunfish	<i>Lepomis sp.</i>					92	1
Percidae - Darters	Rockbass	<i>Ambloplites rupestris</i>	110	203	7	na	200	10
	Greenside Darter	<i>Etheostoma blennioides</i>		48	1	51	59	3
	Banded Darter	<i>Etheostoma zonale</i>					50	1
	Blackside Darter	<i>Percina maculata</i>	56	57	2	57	77	3
	Logperch	<i>Percina caprodes</i>	69	133	23	67	118	16
Catostomidae - Suckers	Northern Hogsucker	<i>Hypentelium nigricans</i>	70	210	40	78	310	51
	Golden Redhorse	<i>Moxostoma erythrurum</i>	79	394	94	84	404	46
	Silver Redhorse	<i>Moxostoma anisurum</i>				385	557	2
	Quillback Carpsucker	<i>Carpionodes cyprinus</i>					535	1
Ictaluridae - Catfishes	Channel Catfish	<i>Ictalurus punctatus</i>					545	1
	Flathead Catfish	<i>Pylodictis olivaris</i>					250	1
Cyprinidae - Minnows	Common Carp	<i>Cyprinus carpio</i>	610	621	2			
	Bluntnose Minnow	<i>Pimephales notatus</i>	57	90	11		77	1
	Spotfin Shiner	<i>Cyprinella spiloptera</i>	64	98	14	67	77	3
	Rosyface Shiner	<i>Notropis rubellus</i>	46	58	4	52	57	4
	Silver Shiner	<i>Notropis photogenis</i>	55	101	28	66	102	20
	Mimic Shiner	<i>Notropis volucellus</i>		54	1			
Lepisosteidae - Gars	Longnose Gar	<i>Lepisosteus osseus</i>		370	1		595	1
Atherinidae - Silversides	Brook Silverside	<i>Labidesthes sicculus</i>		62	1			
<b>Total Fish Collected</b>					<b>300</b>			<b>204</b>
<b>Total Number of Taxa</b>					<b>20</b>			<b>22</b>

collected upstream only  
collected downstream only

Fish collected from West Fork River riffle downstream of mouth of Robinson Run on 9/8/2010 by WVDEP.

Family	Common Name	Scientific Name	Notes
<b>Percidae - Darters</b>	Greenside Darter	Etheostoma blennioides	
	Banded Darter	Etheostoma zonale	
	Rainbow Darter	Etheostoma caeruleum	
	Fantail Darter	Etheostoma flabellare	
<b>Catostomidae - Suckers</b>	Northern Hogsucker	Hypentelium nigricans	
<b>Ictaluridae - Catfishes</b>	Channel Catfish	Ictalurus punctatus	juvenile
	Flathead Catfish	Pylodictus olivaris	juvenile
	Yellow Bullhead	Ameiurus natalis	juvenile
<b>Cyprinidae - Minnows</b>	Bluntnose Minnow	Pimephales notatus	
	Rosyface Shiner	Notropis rubellus	
	Mimic Shiner	Notropis volucellus	
	Sand Shiner	Notropis stramineus	
	Striped Shiner	Luxilus chrysocephalus	
	Central Stoneroller	Campostoma anomalum	

No numbers, we simply electrofished some riffle habitat to see what species were present.

Fish species collected from West Fork River on 9/8/10

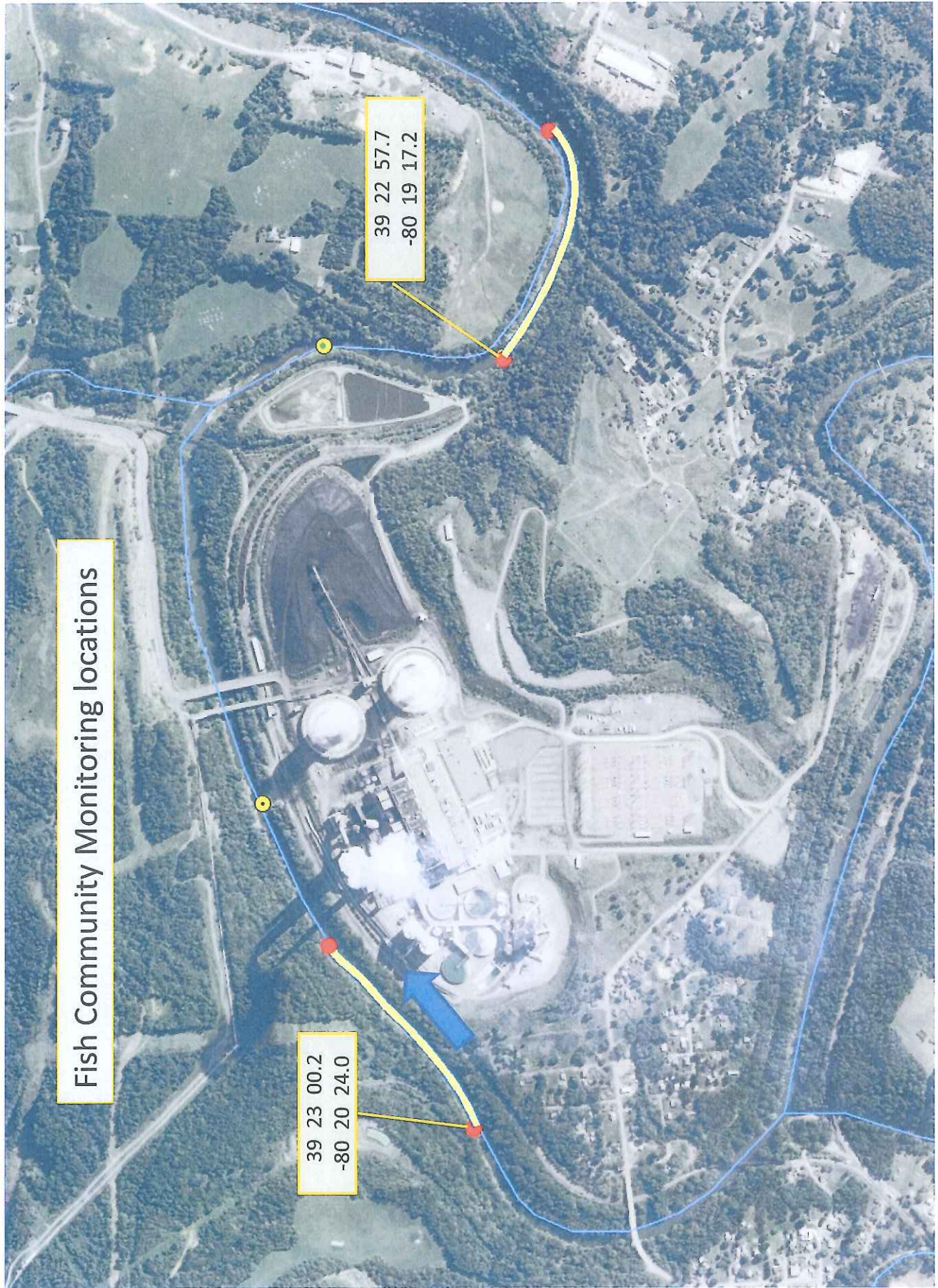
Common Name	Upstream of plant	Downstream of plant effluent
<b>Minnows</b>		
Common Carp	X	
Emerald Shiner	X	X
Rosyface Shiner		X
Spotfin Shiner	X	X
Bluntnose Minnow	X	X
Silver Shiner	X	X
<b>Bass / Sunfish</b>		
Spotted Bass	X	X
Smallmouth Bass	X	X
Largemouth Bass	X	
Rockbass	X	X
Bluegill	X	X
Green Sunfish	X	X
Longear Sunfish	X	X
<b>Darters</b>		
Greenside Darter	X	X
Johnny Darter		X
Blackside Darter	X	X
Banded Darter		X
Logperch	X	X
<b>Suckers</b>		
Golden Redhorse	X	X
Silver Redhorse		X
Northern Hogsucker	X	X
Quillback Carpsucker		X
<b>Catfish</b>		
Channel Catfish		X
Flathead Catfish		X
<b>Other</b>		
Longnose Gar	X	X
Brook Silverside	X	

19

23

Only found at downstream site

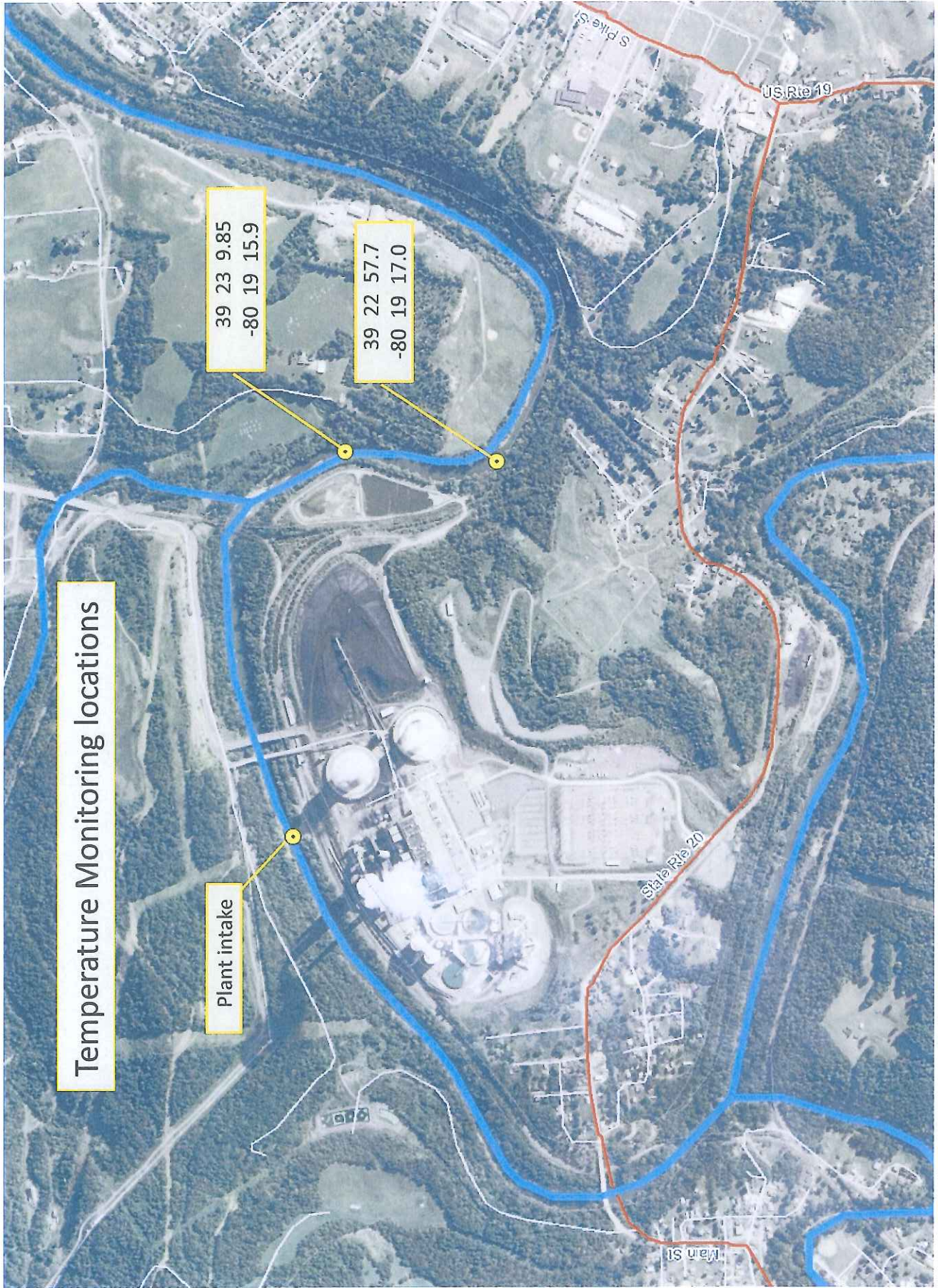
Not found at downstream site



Fish Community Monitoring locations

39 22 57.7  
-80 19 17.2

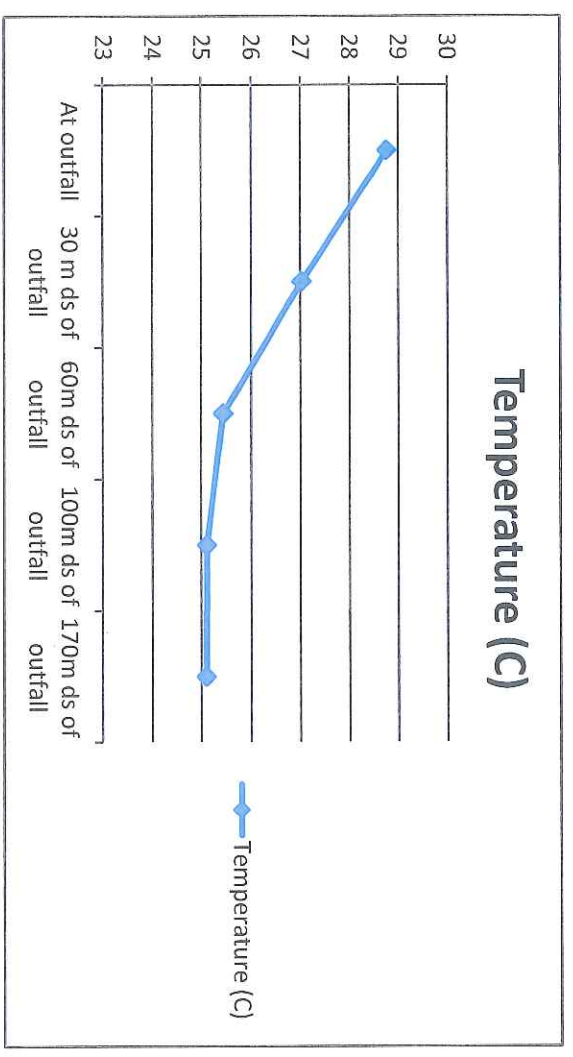
39 23 00.2  
-80 20 24.0

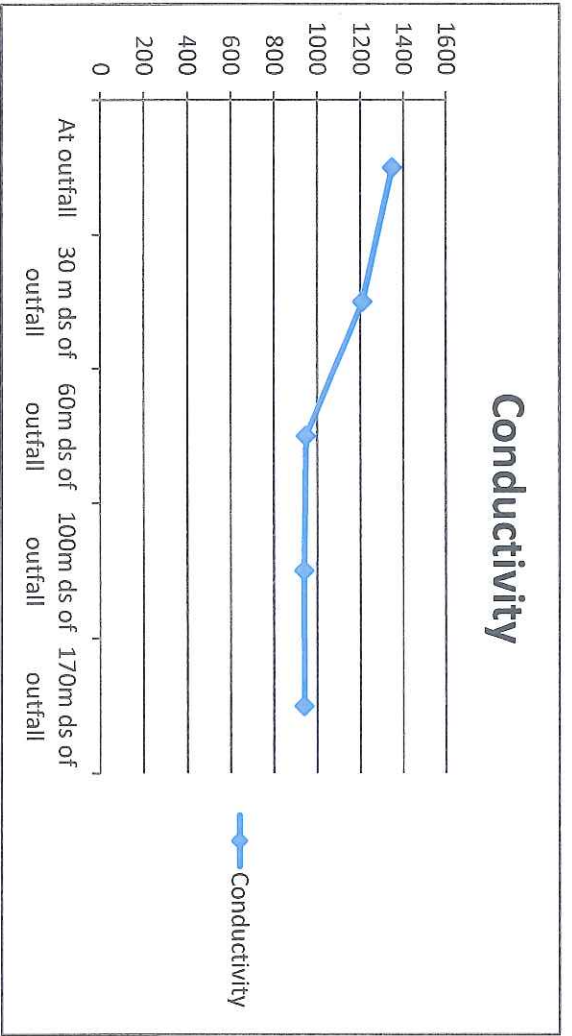


Location	Temperature (C)	Conductivity
At outfall	28.76	1345
30 m ds of outfall	27.02	1207
60m ds of outfall	25.44	946
100m ds of outfall	25.11	938
170m ds of outfall	25.1	939

Upstream site @ 10:30  
 Temp 22.3  
 Cond 650

Recorded @ 16:00





**DISCHARGE MONITORING REPORT**

**WVDEP - Division of Water and Waste Management**

Covering the period from May 16, 2005 to May 6, 2011. and Sampler = "ALL"  
 ( 2 ) Permit ID = "WV0005339"

Permit Id	Insp. Unit	Chemical EPA	Report Date	DMR Type	Quantity				Concentration				
					Min.	Avg.	Max.	Unit	Excur	Min.	Avg.	Max.	Unit
WV0005339	007	00530 - Total Suspended Solids	07/31/2005	Normal					494.0	mg/l			
			09/30/2005	Normal				68.5	mg/l				
			06/30/2006	Normal				511.0	mg/l				
			09/30/2006	Normal				2.5	mg/l				
			06/30/2007	Normal				541.0	mg/l				
			10/31/2007	Normal				84.8	mg/l				
			06/30/2008	Normal				16.0	mg/l				
			12/31/2008	Normal				77.2	mg/l				
			12/31/2009	Normal				218.3	mg/l				
			06/30/2010	Normal				524.0	mg/l				
WV0005339	007	00980 - Iron, Total Recoverable	12/31/2010	Normal				125.0	mg/l				
			07/31/2005	Normal				17.240	mg/l				
			09/30/2005	Normal				12.180	mg/l				
			06/30/2006	Normal				66.840	mg/l				
			09/30/2006	Normal				0.717	mg/l				
			06/30/2007	Normal				11.420	mg/l				
			10/31/2007	Normal				7.262	mg/l				
			06/30/2008	Normal				3.399	mg/l				
			12/31/2008	Normal				5.131	mg/l				
			12/31/2009	Normal				21.570	mg/l				
WV0005339	007	01104 - Aluminum, Total Recoverat	06/30/2010	Normal				26.140	mg/l				
			12/31/2010	Normal				2.962	mg/l				
			07/31/2005	Normal				10.200	mg/l				
			09/30/2005	Normal				1.254	mg/l				
			06/30/2006	Normal				10.550	mg/l				
			09/30/2006	Normal				0.095	mg/l				
			06/30/2007	Normal				9.939	mg/l				
			10/31/2007	Normal				1.858	mg/l				
			06/30/2008	Normal				0.407	mg/l				
			12/31/2008	Normal				2.053	mg/l				
WV0005339	008	00530 - Total Suspended Solids	12/31/2009	Normal				3.543	mg/l				
			06/30/2010	Normal				14.020	mg/l				
			12/31/2010	Normal				2.370	mg/l				
			07/31/2005	Normal				14.0	mg/l				

Sampling Frequency not matching for Highlighted rows.



**DISCHARGE MONITORING REPORT**

**WVDEP - Division of Water and Waste Management**

Covering the period from May 16, 2005 to May 6, 2011. and Sampler = "ALL"  
 ( 2 ) Permit ID = "WV0005339"

Permit Id	Insp. Unit	Chemical EPA	Report Date	DMR Type	Quantity				Concentration				
					Min.	Avg.	Max.	Unit	Excur	Min.	Avg.	Max.	Unit
WV0005339	008	00530 - Total Suspended Solids	09/30/2005	Normal					26.8	mg/l			
			06/30/2006	Normal				78.4	mg/l				
			09/30/2006	Normal				1.5	mg/l				
			04/30/2007	Normal				33.8	mg/l				
			10/31/2007	Normal				135.0	mg/l				
			06/30/2008	Normal				72.1	mg/l				
			12/31/2008	Normal				23.9	mg/l				
			12/31/2009	Normal				63.3	mg/l				
			06/30/2010	Normal				61.5	mg/l				
			12/31/2010	Normal				5.8	mg/l				
WV0005339	008	00980 - Iron, Total Recoverable	07/31/2005	Normal				1.038	mg/l				
			09/30/2005	Normal				6.049	mg/l				
			06/30/2006	Normal				3.999	mg/l				
			09/30/2006	Normal				0.322	mg/l				
			04/30/2007	Normal				1.089	mg/l				
			10/31/2007	Normal				4.010	mg/l				
			06/30/2008	Normal				1.981	mg/l				
			12/31/2008	Normal				1.406	mg/l				
			12/31/2009	Normal				1.890	mg/l				
			06/30/2010	Normal				1.858	mg/l				
WV0005339	008	01104 - Aluminum, Total Recoverable	12/31/2010	Normal				0.427	mg/l				
			07/31/2005	Normal				0.792	mg/l				
			09/30/2005	Normal				0.939	mg/l				
			06/30/2006	Normal				2.591	mg/l				
			09/30/2006	Normal				0.096	mg/l				
			04/30/2007	Normal				1.109	mg/l				
			10/31/2007	Normal				3.966	mg/l				
			06/30/2008	Normal				2.280	mg/l				
			12/31/2008	Normal				0.756	mg/l				
			12/31/2009	Normal				1.517	mg/l				
WV0005339	009	00530 - Total Suspended Solids	06/30/2010	Normal				1.288	mg/l				
			12/31/2010	Normal				0.217	mg/l				
			07/31/2005	Normal				225.0	mg/l				
			09/30/2005	Normal				96.5	mg/l				

Sampling Frequency not matching for Highlighted rows.

**DISCHARGE MONITORING REPORT**  
**WVDEP - Division of Water and Waste Management**

Covering the period from May 16, 2005 to May 6, 2011. and Sampler = "ALL"  
 ( 2 ) Permit ID = "WV00005339"

Permit Id	Insp. Unit	Chemical EPA	Report Date	DMR Type	Quantity			Concentration				
					Min.	Avg.	Max.	Unit	Excur	Min.	Avg.	Max.
WV00005339	009	00530 - Total Suspended Solids	06/30/2006	Normal				479.5	mg/l			
			10/31/2006	Normal				193.5	mg/l			
			04/30/2007	Normal				305.0	mg/l			
			10/31/2007	Normal				800.8	mg/l			
			06/30/2008	Normal				27.2	mg/l			
			12/31/2008	Normal				283.5	mg/l			
			12/31/2009	Normal				266.3	mg/l			
			06/30/2010	Normal				217.0	mg/l			
			12/31/2010	Normal				86.0	mg/l			
			07/31/2005	Normal				6.590	mg/l			
WV00005339	009	00980 - Iron, Total Recoverable	09/30/2005	Normal				6.701	mg/l			
			06/30/2006	Normal				9.839	mg/l			
			10/31/2006	Normal				5.177	mg/l			
			04/30/2007	Normal				10.610	mg/l			
			10/31/2007	Normal				20.860	mg/l			
			06/30/2008	Normal				0.957	mg/l			
			12/31/2008	Normal				4.677	mg/l			
			12/31/2009	Normal				2.779	mg/l			
			06/30/2010	Normal				5.898	mg/l			
			12/31/2010	Normal				6.511	mg/l			
WV00005339	009	01104 - Aluminum, Total Recoverat	07/31/2005	Normal				5.895	mg/l			
			09/30/2005	Normal				1.775	mg/l			
			06/30/2006	Normal				7.695	mg/l			
			10/31/2006	Normal				4.702	mg/l			
			04/30/2007	Normal				9.040	mg/l			
			10/31/2007	Normal				18.790	mg/l			
			06/30/2008	Normal				0.644	mg/l			
			12/31/2008	Normal				3.551	mg/l			
			12/31/2009	Normal				1.247	mg/l			
			06/30/2010	Normal				4.502	mg/l			
WV00005339	010	00530 - Total Suspended Solids	12/31/2010	Normal				1.008	mg/l			
			07/31/2005	Normal				103.3	mg/l			
			09/30/2005	Normal				35.0	mg/l			
			06/30/2006	Normal				123.9	mg/l			

Sampling Frequency not matching for Highlighted rows.

**DISCHARGE MONITORING REPORT**  
**WVDEP - Division of Water and Waste Management**

Covering the period from May 16, 2005 to May 6, 2011. and Sampler = "ALL"  
 ( 2 ) Permit ID = "WV0005339"

Permit Id	Insp. Unit	Chemical EPA	Report Date	DMR Type	Quantity					Concentration								
					Min.	Avg.	Max.	Unit	Excur	Min.	Avg.	Max.	Unit	Excur				
WV0005339	010	00530 - Total Suspended Solids	09/30/2006	Normal						5.1	mg/l							
			04/30/2007	Normal						110.8	mg/l							
			10/31/2007	Normal						23.8	mg/l							
			06/30/2008	Normal						4.7	mg/l							
			12/31/2008	Normal						48.3	mg/l							
			12/31/2009	Normal						218.0	mg/l							
			06/30/2010	Normal						34.0	mg/l							
			12/31/2010	Normal						9.8	mg/l							
			07/31/2005	Normal						14.230	mg/l							
			09/30/2005	Normal						2.711	mg/l							
			06/30/2006	Normal						4.446	mg/l							
WV0005339	010	00980 - Iron, Total Recoverable	09/30/2006	Normal					0.946	mg/l								
			04/30/2007	Normal					1.900	mg/l								
			10/31/2007	Normal					3.630	mg/l								
			06/30/2008	Normal					0.792	mg/l								
			12/31/2008	Normal					3.427	mg/l								
			12/31/2009	Normal					55.180	mg/l								
			06/30/2010	Normal					1.752	mg/l								
			12/31/2010	Normal					0.844	mg/l								
			07/31/2005	Normal					1.788	mg/l								
			09/30/2005	Normal					0.411	mg/l								
			06/30/2006	Normal					2.353	mg/l								
WV0005339	010	01104 - Aluminum, Total Recoverat	09/30/2006	Normal					0.071	mg/l								
			04/30/2007	Normal					1.643	mg/l								
			10/31/2007	Normal					0.315	mg/l								
			06/30/2008	Normal					0.120	mg/l								
			12/31/2008	Normal					0.878	mg/l								
			12/31/2009	Normal					0.975	mg/l								
			06/30/2010	Normal					0.360	mg/l								
			12/31/2010	Normal					0.151	mg/l								
			07/31/2005	Normal					141.5	mg/l								
			12/31/2005	Normal					6.1	mg/l								
			06/30/2006	Normal					409.0	mg/l								
WV0005339	011	00530 - Total Suspended Solids	10/31/2006	Normal					88.0	mg/l								

Sampling Frequency not matching for Highlighted rows.

**DISCHARGE MONITORING REPORT**

**WVDEP - Division of Water and Waste Management**

Covering the period from May 16, 2005 to May 6, 2011. and Sampler = "ALL"

( 2 ) Permit ID = "WV0005339"

Permit Id	Insp. Unit	Chemical EPA	Report Date	DMR Type	Quantity				Concentration												
					Min.	Avg.	Max.	Unit	Excur	Min.	Avg.	Max.	Unit	Excur							
WV0005339	011	00530 - Total Suspended Solids	04/30/2007	Normal																	
			12/31/2008	Normal																	
			12/31/2009	Normal																	
			06/30/2010	Normal																	
			12/31/2010	Normal																	
			07/31/2005	Normal																	
			12/31/2005	Normal																	
			06/30/2006	Normal																	
			10/31/2006	Normal																	
			04/30/2007	Normal																	
WV0005339	011	01104 - Aluminum, Total Recoverat	07/31/2005	Normal																	
			12/31/2005	Normal																	
			06/30/2006	Normal																	
			10/31/2006	Normal																	
			04/30/2007	Normal																	
			12/31/2008	Normal																	
			12/31/2009	Normal																	
			06/30/2010	Normal																	
			12/31/2010	Normal																	
			07/31/2005	Normal																	