

Figure 2

Hall Drilling, LLC
Ellenboro, Richie County, West Virginia
UIC Permit 2D0859909

Summary of Analytical Results

					Radiologics (1)		Metals (2)											Conventional Chemistry Parameters (2)													Field Measurements		
Sample Name	Lab ID No.	Type	Sampled By	Date Sampled	Ra-226	Ra-228	Al	Ba	Ca	Fe	Mg	Mn	K	Na	Sr	As	Pb	Chloride	Bromide	Nitrate	Nitrite	TDS	TSS	SO4	Sp Cond (3)	pH (4)	Hardness	Acidity	Alkalinity	Sp Cond (3)	pH (4)	Temp (5)	
Sample 1 (Downstream)	1509E14-01A	Liquid - Grab	WVDEP-REIC	9/11/2015	6.15	5.78	2.90	0.132	38.6	3.98	6.92	0.151	4.64	13.8	0.286	0.0022	0.003	20.6	ND	0.63	1.08	168	98.0	18.1	335	7.48	125	17.6	96.5	300	6.93	20.43	
Sample 2 (upstream of center tributary)	1509E14-02A	Liquid - Grab	WVDEP-REIC	9/11/2015	5.32	6.86	2.68	0.11	33.7	3.60	6.25	0.133	4.65	13.3	0.231	0.0019	0.0024	17.6	ND	0.56	1.05	164	55.0	14.9	312	7.28	110	14.2	91.8	285	6.82	20.59	
Sample 3 (center trib at gatehouse)	1509E14-03A	Liquid - Grab	WVDEP-REIC	9/11/2015	5.78	6.14	0.731	0.153	67.0	0.938	12.3	0.147	3.90	19.3	0.763	ND	0.0009	47.3	0.24	1.09	1.35	286	29.0	43.3	572	7.86	218	2.1	138	520	7.16	19.9	
Sample 4 (seep below MW-3)	1509E14-04A	Liquid - Grab	WVDEP-REIC	9/11/2015	4.72	5.35	1.40	1.34	173	1.23	55.9	13.8	8.61	350	15.3	ND	0.0023	938	12.5	2.76	ND	###	116	5.24	3,270	4.02	661	73.2	ND	2,751	5.86	22.01	
Sample 5 (upstream of east tributary)	1509E14-05A	Liquid - Grab	WVDEP-REIC	9/11/2015	5.61	6.68	1.06	0.080	42.6	1.46	7.46	0.070	4.99	18.2	0.200	0.0025	0.0021	25.2	ND	0.58	1.26	193	18.0	16.0	399	7.35	137	2.4	119	404	7.01	20.04	

- Notes:
- (1) pCi/L
 - (2) mg/L
 - (3) umhos/cm
 - (4) Standard Units
 - (5) Celsius