

**APPENDIX D**

**ILA Physiochemical Data (No Permission  
Sites)**

**Proposed Foundation Refuse Area  
Laboratory Analysis Results  
Foundation Coal Resources, LP- Foundation Mine**

Sampling Date	pH	Alkalinity	Acidity (Hot)	Total Suspended Solids	Specific Conductance @ 25°C	Sulfate	Iron	Manganese	Aluminum
	Chapter 93 Standards								
	6.0-9.0 (S.U.)	20 mg/l minimum (mg CaCO3/L)	N/A (mg CaCO3/L)	N/A (mg/L)	N/A (micromhos/cm)	Maximum 250 mg/l	1.5 mg/l 30 day average	Maximum 1.0 mg/l	Maximum 0.750 mg/L
<b>Refuse Area #3 (RA 3)</b>									
July 10, 2009	8.36	199.99	-174.25	<1.0	729.0	111.0	0.08	<0.03	0.13
<b>Refuse Site 4 (R 4)</b>									
July 30, 2009									
<b>Refuse Site 21 (R 21)</b>									
July 10, 2009	7.38	98.68	-70.49	15.0	236.0	23.0	0.07	0.04	0.10



