

Riverside  
Boiler PM & PM10

	lb/mmBtu	From Test		Ave lb/mmBtu		PM EF	PM10 EF	PM2.5
		lb/mmBtu	lb/mmBtu					
EP1	0.045	0.05	0.043	0.0460	PM	0.0460	0.0308	0.01334
EP2	0.046	0.037	0.024	0.0357	PM	0.0357	0.0239	0.010343

Formula: PM Emission Factor = PM Test Results  
 PM10 Emission Factor = PM Test Results x PM10 Particle Distribution

PM Test Results from most recent particulate test results as reported to the IDNR.  
 PM10 Particle Distribution from AP-42.

Dust Collector PM/PM10  
Junction Tower

Emission Point	Emission Unit	Pollutant	Test lb/hr	Coal Tons/Hr	Emission Factor lb/Ton
EP6	EU7	PM10	0.5374	213.00	2.5230E-03
		PM	0.9136	320.00	2.8550E-03

Tripper

Emission Point	Emission Unit	Pollutant	PM Test lb/hr	Coal Tons/Hr	Emission Factor lb/Ton
EP8A	EU9	PM10	0.8673	342.00	2.5360E-03
		PM	0.8384	264.00	3.1758E-03

Formula: EF lb/Ton = PM Test lb/hr / Coal Tons/hr

Where: PM Test lb/hr = emissions test results as reported to the IDNR  
 Coal Tons/hr = coal system throughput recorded during the test  
 EF lb/Ton = Emission factor from calculation