

Hourly Emission Limits in Response to AG and KIUC DR2 Q33.d.							
	Parameter	Emission limit	Units	Averaging period	Reason for the limit	Documentation regarding Company's plans to meet the limit	Is limit enforced annually or seasonally?
Mill Creek 3	NOx (when burning natural gas)	0.20	lb/mmBtu	3 hour rolling	40 CFR 60.44(a)(3) LMAPCD Reg 7.06, section 6.1.3	Mill Creek's Title V Operating Permit (See Attachment 1 to AG-KIUC-2 Question No. 33(a)) contains requirements to meet these limits. The Companies plan to be in compliance with the permit requirements.	Semi-annual monitoring reports and annual compliance certifications are submitted which could be enforced against.
	NOx (when burning coal)	0.70	lb/mmBtu	3 hour rolling	40 CFR 60.44(a)(3) LMAPCD Reg 7.06, section 6.1.3		
	NOx (when burning nat gas and coal combination)	Prorated limit	lb/mmBtu	3 hour rolling	40 CFR 60.44(b)		
	Particulate Matter (from unit)	0.10	lb/mmBtu	3 hour rolling	40 CFR 60.42(a)(1) LMAPCD Reg 7.06, section 4.1.2		
	Particulate Matter (from coal silo)	82.95	lb/hr	Operating hours in a calendar day	LMAPCD Reg 6.09, section 3.2		
	SO2 (when burning natural gas)	0.8	lb/mmBtu	3 hour rolling	40 CFR 60.43(a)(2) LMAPCD Reg 7.06, section 5.1.2		
	SO2 (when burning coal)	1.2	lb/mmBtu	3 hour rolling	40 CFR 60.43(a)(2) LMAPCD Reg 7.06, section 5.1.2		
	SO2 (when burning nat gas and coal combination)	Prorated limit	lb/mmBtu	3 hour rolling	LMAPCD Reg 2.16, section 4.1.1		
	H2SO4	64.3	lb/hr	Operating hours in a calendar day	40 CFR 52.920(r) KY Regional Haze SIP		
	Opacity	20	percent	3 hour test (or 1-hour)	LMAPCD Reg 7.06, section 4.2 40 CFR 60.45(b)(7)		

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Mill Creek 4	NOx (when burning natural gas)	0.20	lb/mmBtu	3 hour rolling	40 CFR 60.44(a)(3) LMAPCD Reg 7.06, section 6.1.3	Mill Creek's Title V Operating Permit (See Attachment 1 to AG-KIUC-2 Question No. 33(a)) contains requirements to meet these limits. The Companies plan to be in compliance with the permit requirements.	Semi-annual monitoring reports and annual compliance certifications are submitted which could be enforced against.
	NOx (when burning coal)	0.70	lb/mmBtu	3 hour rolling	40 CFR 60.44(a)(3) LMAPCD Reg 7.06, section 6.1.3		
	NOx (when burning nat gas and coal combination)	Prorated limit	lb/mmBtu	3 hour rolling	40 CFR 60.44(b)		
	Particulate Matter (from unit)	0.10	lb/mmBtu	3 hour rolling	40 CFR 60.42(a)(1) LMAPCD Reg 7.06, section 4.1.2		
	Particulate Matter (from coal silo)	82.95	lb/hr	Operating hours in a calendar day	LMAPCD Reg 6.09, section 3.2		
	SO2 (when burning natural gas)	0.8	lb/mmBtu	3 hour rolling	40 CFR 60.43(a)(2) LMAPCD Reg 7.06, section 5.1.2		
	SO2 (when burning coal)	1.2	lb/mmBtu	3 hour rolling	40 CFR 60.43(a)(2) LMAPCD Reg 7.06, section 5.1.2		
	SO2 (when burning nat gas and coal combination)	Prorated limit	lb/mmBtu	3 hour rolling	LMAPCD Reg 2.16, section 4.1.1		
	H2SO4	76.5	lb/hr	Operating hours in a calendar day	40 CFR 52.920(r) KY Regional Haze SIP		
	Opacity	20	percent	3 hour test (or 1-hour)	LMAPCD Reg 7.06, section 4.2 40 CFR 60.45(b)(7)		

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Mill Creek 5	HAP	Maintain oxidation catalyst inlet temp within range suggested by manufacturer		4 hour rolling	40 CFR 63.6100	Mill Creek's Title V Construction Permit for Mill Creek 5 (See Attachment 2 to AG-KIUC-2 Question No. 33(a)) contains requirements to meet these limits. The Companies plan to be in compliance with the permit requirements.	Once Mill Creek 5 is operational, semi-annual monitoring reports and annual compliance certifications will be submitted which could be enforced against.
	Formaldehyde	91 ppbvd @ 15%O2		Tested as average of three 1-hr runs	40 CFR 63.6100		