Emission Sources - Maximum Allowable Emission Rates

Permit Number 56387

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
LHS1221	Transfer from Railcar to Units 1 & 2 Receiving Hopper	PM	0.34	0.33
		PM_{10}	0.23	0.23
		$PM_{2.5}$	0.03	0.03
LHS1211	Transfer from Units 1 & 2 Unloading Hopper to Conveyor 1	PM	0.02	0.02
		PM_{10}	0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
L12TSC	Transfer from Conveyor 1 Telescopic Chute to Stackout Pile	PM	0.14	0.15
		PM_{10}	0.10	0.10
		$PM_{2.5}$	0.01	0.01
L12SSPW & L12SSPM	Units 1 & 2 Live Storage Stackout Pile – Wind Erosion, Maintenance, Loading, and Unloading	PM	0.29	1.25
		PM_{10}	0.29	1.25
		$PM_{2.5}$	0.29	1.25
LHS1293A	Transfer from Units 1 & 2 Stackout Pile Reclaim Hopper to Conveyor 2	PM	0.01	0.02
		PM_{10}	0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
L12SRW	Conveyor 3 (uncovered)	PM	0.03	0.11
		PM_{10}	0.03	0.11
		$PM_{2.5}$	0.03	0.11
LHS1292A	Units 1 & 2 Stacker Reclaimer / Conveyor 5 onto Storage Pile	PM	0.19	0.52
		PM_{10}	0.13	0.35
		$PM_{2.5}$	0.01	0.04
LHS1292B	Units 1 & 2 Stacker Reclaimer / Bucket onto Conveyor 5	PM	1.76	7.42

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		PM_{10}	1.20	5.05
		$PM_{2.5}$	0.13	0.56
LHS1292C	Units 1 & 2 Stacker Reclaimer / Conveyor 5 onto Conveyor F3	PM	0.53	2.23
		PM_{10}	0.36	1.52
		$PM_{2.5}$	0.04	0.17
LHS1292D	Units 1 & 2 Stacker Reclaimer / Conveyor F3 onto Conveyor 3	PM	0.53	2.23
		PM_{10}	0.36	1.52
		$PM_{2.5}$	0.04	0.17
LHS1292E	Units 1 & 2 Stacker Reclaimer / Conveyor 4 onto Conveyor 5	PM	0.06	0.16
		PM_{10}	0.04	0.11
		$PM_{2.5}$	<0.01	0.01
LHS1292F	Units 1 & 2 Stacker Reclaimer / Conveyor 3 onto Conveyor 4	PM	0.06	0.16
		PM_{10}	0.04	0.11
		$PM_{2.5}$	<0.01	0.01
LHS1241	Transfer from Conveyor 2 to Surge Hopper, Exhaust Vent	PM	0.01	0.03
		PM_{10}	0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
LHS1241F	Unit 1 & 2 Transfer / Crusher Tower 1 Fugitives	PM	1.02	2.15
		PM_{10}	0.35	0.74
		$PM_{2.5}$	0.34	0.71
LHS1251	Transfer from Conveyors 6A & 6B to Transfer Tower 2 Surge Bin, Exhaust Vent	PM	0.02	0.05
		PM_{10}	0.02	0.04
		$PM_{2.5}$	<0.01	<0.01
LHS1251F	Unit 1 & 2 Transfer Tower 2 Fugitives	PM	0.01	0.04
		PM_{10}	0.01	0.04
		$PM_{2.5}$	<0.01	<0.01
LHS1261	Unit 1 North Tripper House and Boiler Feed Bins	PM	0.01	0.03
		PM_{10}	0.01	0.03
		$PM_{2.5}$	<0.01	<0.01

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LHS1271	Unit 1 South Tripper House and Boiler Feed Bins	PM	0.01	0.03
		PM_{10}	0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
LHS1281	Unit 2 North Tripper House and Boiler Feed Bins	PM	0.01	0.03
		PM_{10}	0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
LHS1291	Unit 2 South Tripper House and Boiler Feed Bins	PM	0.01	0.03
		PM_{10}	0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
L12DSPW & L12DSPM	Units 1 & 2 Dead Storage Pile A – Wind Erosion, Maintenance, Loading, and Unloading	PM	1.01	4.44
		PM_{10}	1.01	4.44
		$PM_{2.5}$	1.01	4.44
LHS1231W & LHS1231M	Units 1 & 2 Storage Pile – Wind Erosion, Maintenance, Loading, and Unloading	PM	0.96	4.22
		PM_{10}	0.96	4.22
		$PM_{2.5}$	0.96	4.22
WCDSPW & WCDSPM	Units 1 & 2 Dead Storage Pile B – Wind Erosion, Maintenance, Loading, and Unloading	PM	0.47	2.05
		PM_{10}	0.47	2.05
		$PM_{2.5}$	0.47	2.05

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 2, 2015