



2023 CONTAMINANT SUMMARY REPORT

July 17, 2024

4:41 pm

CN : CN600128656

Organization : CHAPARRAL STEEL MIDLOTHIAN LP

RN : RN100216472

Account : ED0011D

Site : CHAPARRAL STEEL

Last EI Date : 12/31/2023

MIDLOTHIAN PLANT

CRITERIA EMISSIONS TOTALS

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	143.8678	816.7905	0.0000	0.0000	0.0000
VOC	141.5051	772.2398	0.0000	0.0057	0.0057
CO	1428.9705	7668.7014	0.0000	0.0171	0.0171
NOX	382.9104	2067.9830	0.0000	0.0006	0.0006
SO2	293.5924	1574.5211	0.0000	0.0000	0.0000
PB	0.4296	2.3033	0.0000	0.0000	0.0000
PM10	165.4057	995.8493	0.0000	0.0000	0.0000

CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	216.3631	1359.6007	0.0000	0.0137	0.0137
14000	PART-MINERAL-U	0.0000	0.0000	0.0000	0.0000	0.0000
14016	ALUMINM OXIDE- AL2O3	0.4940	2.6484	0.0000	0.0000	0.0000
14023	ANTIMONY AND COMPOUNDS	0.0286	0.1530	0.0000	0.0000	0.0000
14036	ARSENIC AND COMPOUNDS	0.0066	0.0359	0.0000	0.0000	0.0000
14115	CADMIUM AND COMPOUNDS	0.0162	0.0870	0.0000	0.0000	0.0000
14126	CALCIUM OXIDE-CAO	4.3329	23.2355	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0535	0.2927	0.0000	0.0000	0.0000
14194	COPPER COMPOUNDS	0.0686	0.3683	0.0000	0.0000	0.0000
14308	IRON 3 OXIDE - FE2O3	2.4715	13.2527	0.0000	0.0000	0.0000
14315	LEAD OXIDE	0.4296	2.3033	0.0000	0.0000	0.0000
14344	MAGNESIUM OXIDE-MGO	2.8818	15.4544	0.0000	0.0000	0.0000
14354	MANGANESE DIOXIDE-MNO2	0.7674	4.1520	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.3288	1.7632	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0196	0.1061	0.0000	0.0000	0.0000
14784	ZINC OXIDE-ZNO	3.1739	17.0205	0.0000	0.0000	0.0000
20000	PM10 PART-U	153.9964	934.8501	0.0000	0.0000	0.0000
24016	PM10 ALUMINM OXIDE- AL2O3	0.3753	2.0128	0.0000	0.0000	0.0000
24023	PM10 ANTIMONY AND COMPOUNDS	0.0217	0.1163	0.0000	0.0000	0.0000
24036	PM10 ARSENIC AND COMPOUNDS	0.0052	0.0275	0.0000	0.0000	0.0000
24115	PM10 CADMIUM COMPOUNDS	0.0132	0.0705	0.0000	0.0000	0.0000
24126	PM10 CALCIUM OXIDE-CAO	3.2929	17.6588	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0431	0.2117	0.0000	0.0000	0.0000
24194	PM10 COPPER COMPOUNDS	0.0523	0.2801	0.0000	0.0000	0.0000
24308	PM10 IRON 3 OXIDE - FE2O3	1.8783	10.0718	0.0000	0.0000	0.0000
24315	PM10 LEAD OXIDE	0.2954	1.5842	0.0000	0.0000	0.0000
24344	PM10 MAGNESIUM OXIDE-MGO	2.1903	11.7453	0.0000	0.0000	0.0000
24354	PM10 MANGANESE DIOXIDE-MNO2	0.5647	2.8648	0.0000	0.0000	0.0000



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24360	PM10 MERCURY-HG	0.2499	1.3401	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0150	0.0806	0.0000	0.0000	0.0000
24784	PM10 ZINC OXIDE-ZNO	2.4120	12.9347	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	143.8678	816.7905	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	141.2557	770.5571	0.0000	0.0057	0.0057
59003	GASOLINE	0.2494	1.6827	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	382.9104	2067.9830	0.0000	0.0006	0.0006
70510	SULFUR DIOXIDE	293.5924	1574.5211	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	1428.9705	7668.7014	0.0000	0.0171	0.0171

HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
14023	ANTIMONY AND COMPOUNDS	0.0286	0.1530	0.0000	0.0000	0.0000
14036	ARSENIC AND COMPOUNDS	0.0066	0.0359	0.0000	0.0000	0.0000
14115	CADMIUM AND COMPOUNDS	0.0162	0.0870	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0535	0.2927	0.0000	0.0000	0.0000
14315	LEAD OXIDE	0.4296	2.3033	0.0000	0.0000	0.0000
14354	MANGANESE DIOXIDE-MNO2	0.7674	4.1520	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.3288	1.7632	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0196	0.1061	0.0000	0.0000	0.0000
24023	PM10 ANTIMONY AND COMPOUNDS	0.0217	0.1163	0.0000	0.0000	0.0000
24036	PM10 ARSENIC AND COMPOUNDS	0.0052	0.0275	0.0000	0.0000	0.0000
24115	PM10 CADMIUM COMPOUNDS	0.0132	0.0705	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0431	0.2117	0.0000	0.0000	0.0000
24315	PM10 LEAD OXIDE	0.2954	1.5842	0.0000	0.0000	0.0000
24354	PM10 MANGANESE DIOXIDE-MNO2	0.5647	2.8648	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.2499	1.3401	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0150	0.0806	0.0000	0.0000	0.0000
Total		2.8585	15.1889	0.0000	0.0000	0.0000