



2023 CONTAMINANT SUMMARY REPORT

June 12, 2024

10:54 am

CN : CN605478452

Organization : OPTIMUS STEEL LLC

RN : RN100226059

Account : OC0011S

Site : OPTIMUS STEEL BEAUMONT

Last EI Date : 12/31/2023

MILL

CRITERIA EMISSIONS TOTALS

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	60.7840	375.8355	0.0000	0.0000	0.0000
VOC	16.6788	109.7785	0.0000	0.0000	0.0000
CO	858.2704	5388.8484	0.0000	0.0000	0.0000
NOX	254.1533	1527.8766	0.0000	0.0000	0.0000
SO2	102.6778	645.9348	0.0000	0.0000	0.0000
PB	0.0486	0.3047	0.0000	0.0000	0.0000
PM10	63.5362	392.6986	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	67.1131	410.5285	0.0000	0.0000	0.0000
14016	ALUMINM OXIDE- AL2O3	0.1056	0.6649	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0000	0.0000	0.0000	0.0000	0.0000
14032	ARSENIC TRIOXIDE -AS2O3	0.0003	0.0016	0.0000	0.0000	0.0000
14051	BARIUM COMPOUNDS	0.0065	0.0377	0.0000	0.0000	0.0000
14112	CADMIUM OXIDE-CDO	0.0000	0.0000	0.0000	0.0000	0.0000
14115	CADMIUM AND COMPOUNDS	0.0018	0.0104	0.0000	0.0000	0.0000
14126	CALCIUM OXIDE-CAO	1.7925	11.2769	0.0000	0.0000	0.0000
14162	CHROMIUM OXIDE-CRO	0.0000	0.0000	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0590	0.3378	0.0000	0.0000	0.0000
14193	COPPER FUME	0.0000	0.0000	0.0000	0.0000	0.0000
14194	COPPER COMPOUNDS	0.0136	0.0828	0.0000	0.0000	0.0000
14306	IRON 2 OXIDE - FEO	0.0000	0.0000	0.0000	0.0000	0.0000
14308	IRON 3 OXIDE - FE2O3	2.0658	12.9962	0.0000	0.0000	0.0000
14315	LEAD OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
14319	LEAD AND COMPOUNDS	0.0486	0.3047	0.0000	0.0000	0.0000
14344	MAGNESIUM OXIDE-MGO	1.0468	6.5857	0.0000	0.0000	0.0000
14354	MANGANESE DIOXIDE-MNO2	0.0000	0.0000	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	1.0305	6.0968	0.0000	0.0000	0.0000
14361	MERCURY AND COMPOUNDS	0.0672	0.4225	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0047	0.0280	0.0000	0.0000	0.0000
14595	SELENIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
14601	SILICA OXIDE	0.4170	2.6228	0.0000	0.0000	0.0000
14611	SILVER COMPOUNDS	0.0001	0.0006	0.0000	0.0000	0.0000
14620	SODIUM-NA	0.1046	0.6581	0.0000	0.0000	0.0000
14760	VANADIUM	0.0037	0.0237	0.0000	0.0000	0.0000
14784	ZINC OXIDE-ZNO	0.0000	0.0000	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	1.9303	12.1419	0.0000	0.0000	0.0000



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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
20000	PM10 PART-U	57.5273	355.0894	0.0000	0.0000	0.0000
24016	PM10 ALUMINM OXIDE- AL2O3	0.0788	0.4961	0.0000	0.0000	0.0000
24032	PM10 ARSENIC TRIOXIDE -AS2O3	0.0002	0.0013	0.0000	0.0000	0.0000
24051	PM10 BARIUM COMPOUNDS	0.0036	0.0211	0.0000	0.0000	0.0000
24112	PM10 CADMIUM OXIDE-CDO	0.0000	0.0000	0.0000	0.0000	0.0000
24115	PM10 CADMIUM COMPOUNDS	0.0012	0.0072	0.0000	0.0000	0.0000
24126	PM10 CALCIUM OXIDE-CAO	1.2683	7.9793	0.0000	0.0000	0.0000
24162	PM10 CHROMIUM OXIDE-CRO	0.0000	0.0000	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0310	0.1797	0.0000	0.0000	0.0000
24193	PM10 COPPER FUME	0.0000	0.0000	0.0000	0.0000	0.0000
24194	PM10 COPPER COMPOUNDS	0.0085	0.0521	0.0000	0.0000	0.0000
24306	PM10 IRON 2 OXIDE - FEO	0.0000	0.0000	0.0000	0.0000	0.0000
24308	PM10 IRON 3 OXIDE - FE2O3	1.4189	8.9263	0.0000	0.0000	0.0000
24315	PM10 LEAD OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
24319	PM10 LEAD AND COMPOUNDS	0.0365	0.2293	0.0000	0.0000	0.0000
24344	PM10 MAGNESIUM OXIDE-MGO	0.7917	4.9806	0.0000	0.0000	0.0000
24354	PM10 MANGANESE DIOXIDE-MNO2	0.0000	0.0000	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.6154	3.6978	0.0000	0.0000	0.0000
24361	PM10 MERCURY AND COMPOUNDS	0.0510	0.3210	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0029	0.0175	0.0000	0.0000	0.0000
24595	PM10 SELENIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
24601	PM10 SILICA OXIDE	0.2870	1.8061	0.0000	0.0000	0.0000
24611	PM10 SILVER COMPOUNDS	0.0001	0.0005	0.0000	0.0000	0.0000
24620	PM10 SODIUM-NA	0.0798	0.5020	0.0000	0.0000	0.0000
24760	PM10 VANADIUM	0.0026	0.0165	0.0000	0.0000	0.0000
24784	PM10 ZINC OXIDE-ZNO	0.0000	0.0000	0.0000	0.0000	0.0000
24785	PM10 ZINC COMPOUNDS	1.3313	8.3747	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	60.7840	375.8355	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	16.2601	107.2517	0.0000	0.0000	0.0000
59003	GASOLINE	0.4187	2.5268	0.0000	0.0000	0.0000
60000	METHANE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	254.1533	1527.8766	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	102.6778	645.9348	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	858.2704	5388.8484	0.0000	0.0000	0.0000



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HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
14030	ARSENIC - AS	0.0000	0.0000	0.0000	0.0000	0.0000
14032	ARSENIC TRIOXIDE -AS203	0.0003	0.0016	0.0000	0.0000	0.0000
14112	CADMIUM OXIDE-CDO	0.0000	0.0000	0.0000	0.0000	0.0000
14115	CADMIUM AND COMPOUNDS	0.0018	0.0104	0.0000	0.0000	0.0000
14162	CHROMIUM OXIDE-CRO	0.0000	0.0000	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0590	0.3378	0.0000	0.0000	0.0000
14315	LEAD OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
14319	LEAD AND COMPOUNDS	0.0486	0.3047	0.0000	0.0000	0.0000
14354	MANGANESE DIOXIDE-MNO2	0.0000	0.0000	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	1.0305	6.0968	0.0000	0.0000	0.0000
14361	MERCURY AND COMPOUNDS	0.0672	0.4225	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0047	0.0280	0.0000	0.0000	0.0000
14595	SELENIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
24032	PM10 ARSENIC TRIOXIDE -AS203	0.0002	0.0013	0.0000	0.0000	0.0000
24112	PM10 CADMIUM OXIDE-CDO	0.0000	0.0000	0.0000	0.0000	0.0000
24115	PM10 CADMIUM COMPOUNDS	0.0012	0.0072	0.0000	0.0000	0.0000
24162	PM10 CHROMIUM OXIDE-CRO	0.0000	0.0000	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0310	0.1797	0.0000	0.0000	0.0000
24315	PM10 LEAD OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
24319	PM10 LEAD AND COMPOUNDS	0.0365	0.2293	0.0000	0.0000	0.0000
24354	PM10 MANGANESE DIOXIDE-MNO2	0.0000	0.0000	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.6154	3.6978	0.0000	0.0000	0.0000
24361	PM10 MERCURY AND COMPOUNDS	0.0510	0.3210	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0029	0.0175	0.0000	0.0000	0.0000
24595	PM10 SELENIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
Total		1.9505	11.6558	0.0000	0.0000	0.0000