



# 2023 CONTAMINANT SUMMARY REPORT

May 08, 2024

12:17 pm

**CN :** CN603988692

**Organization :** MARATHON OIL EF LLC

**RN :** RN106322357

**Account :** KAA013M

**Site :** SOUTH SUGARLOAF CENTRAL FACILITY

**Last EI Date :** 12/31/2023

## CRITERIA EMISSIONS TOTALS

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	2.7374	16.2448	0.0027	0.0111	0.0138
VOC	39.6989	221.1982	0.1120	0.4659	0.5779
CO	13.2781	79.9725	0.1320	0.5476	0.6796
NOX	31.6139	188.7926	0.0661	0.2743	0.3404
SO2	0.9184	1.3857	0.0292	0.1210	0.1502
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	2.7643	16.4183	0.0036	0.0148	0.0184

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	2.7643	16.4183	0.0036	0.0148	0.0184
20000	PM10 PART-U	2.7643	16.4183	0.0036	0.0148	0.0184
39999	TOTAL PM2.5 PARTICULATE	2.7374	16.2448	0.0027	0.0111	0.0138
50001	VOC-UNCLASSIFIED	22.3380	124.3305	0.1120	0.4659	0.5779
51530	METHANOL	0.3379	2.0099	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	1.1300	6.7210	0.0000	0.0000	0.0000
51640	ACROLEIN	0.6948	4.1323	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.6668	3.9953	0.0000	0.0000	0.0000
52420	BENZENE	0.2555	1.3951	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0024	0.0135	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0056	0.0350	0.0000	0.0000	0.0000
52488	2-METHYLNAPHTHALENE	0.0010	0.0065	0.0000	0.0000	0.0000
52490	TOLUENE	0.5063	2.7092	0.0000	0.0000	0.0000
52510	XYLENE-U	0.1927	1.0183	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53390	1,1,2,2-TETRACHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
56150	METHYLCYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56575	HEPTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56610	2,2,4-TRIMETHYLPENTANE	0.2898	0.3887	0.0000	0.0000	0.0000
56625	ISOBUTANE	0.9180	5.0303	0.0000	0.0000	0.0000
56674	OCTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56680	DECANE	0.0000	0.0000	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.6471	3.5455	0.0000	0.0000	0.0000
56703	NONANE	0.0000	0.0000	0.0000	0.0000	0.0000
56725	N BUTANE	1.3812	7.5683	0.0000	0.0000	0.0000
56730	N-HEXANE	0.6202	3.2028	0.0000	0.0000	0.0000
56751	2,2,4- TRIMETHYLPENTANE	0.0416	0.2280	0.0000	0.0000	0.0000



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56752	N-PENTANE	0.6802	3.8386	0.0000	0.0000	0.0000
56775	PROPANE	8.9908	51.0359	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.0003	0.0040	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	18.3826	108.5674	0.0661	0.2743	0.3404
70402	NITROGEN DIOXIDE	13.2313	80.2252	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.9184	1.3857	0.0292	0.1210	0.1502
90100	CARBON DIOXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	13.2781	79.9725	0.1320	0.5476	0.6796

### HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51530	METHANOL	0.3379	2.0099	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	1.1300	6.7210	0.0000	0.0000	0.0000
51640	ACROLEIN	0.6948	4.1323	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.6668	3.9953	0.0000	0.0000	0.0000
52420	BENZENE	0.2555	1.3951	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0024	0.0135	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0056	0.0350	0.0000	0.0000	0.0000
52488	2-METHYLNAPHTHALENE	0.0010	0.0065	0.0000	0.0000	0.0000
52490	TOLUENE	0.5063	2.7092	0.0000	0.0000	0.0000
52510	XYLENE-U	0.1927	1.0183	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53390	1,1,2,2-TETRACHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56610	2,2,4-TRIMETHYLPENTANE	0.2898	0.3887	0.0000	0.0000	0.0000
56730	N-HEXANE	0.6202	3.2028	0.0000	0.0000	0.0000
56751	2,2,4- TRIMETHYLPENTANE	0.0416	0.2280	0.0000	0.0000	0.0000
Total		4.7446	25.8556	0.0000	0.0000	0.0000