



2023 CONTAMINANT SUMMARY REPORT

July 29, 2024

12:58 pm

CN : CN603988692

Organization : MARATHON OIL EF LLC

RN : RN107257925

Account : KAA029C

Site : EAST KARNES 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	4.7373	25.2531	0.0002	0.0158	0.0160
VOC	48.8599	291.5851	0.0084	0.4830	0.4914
CO	27.2380	131.6764	0.0128	0.7354	0.7482
NOX	54.5408	282.9283	0.0064	0.3684	0.3748
SO2	0.4177	2.2536	0.0018	0.1030	0.1048
PM10	4.7373	25.2531	0.0002	0.0158	0.0160

CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	4.7373	25.2531	0.0002	0.0158	0.0160
20000	PM10 PART-U	4.7373	25.2531	0.0002	0.0158	0.0160
39999	TOTAL PM2.5 PARTICULATE	4.7373	25.2531	0.0002	0.0158	0.0160
50001	VOC-UNCLASSIFIED	25.6134	137.2955	0.0084	0.4742	0.4826
51530	METHANOL	0.2642	2.3582	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	1.5674	8.2035	0.0000	0.0000	0.0000
51640	ACROLEIN	0.9637	5.0438	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0452	0.1164	0.0000	0.0000	0.0000
52420	BENZENE	0.1098	0.6567	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0005	0.0025	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0132	0.0702	0.0000	0.0000	0.0000
52488	2-METHYLNAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.1071	0.7327	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0599	0.4447	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0384	0.2261	0.0000	0.0000	0.0000
56528	ISOHEXANE AKA 2-METHYLPENTANE	0.1063	1.3896	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56625	ISOBUTANE	1.7854	13.7283	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.3601	4.7077	0.0000	0.0000	0.0000
56725	N BUTANE	0.9508	11.3108	0.0000	0.0000	0.0000
56730	N-HEXANE	0.4868	3.0949	0.0000	0.0088	0.0088
56750	PENTANE	0.2794	1.5167	0.0000	0.0000	0.0000
56751	2,2,4- TRIMETHYLPENTANE	0.0544	0.3348	0.0000	0.0000	0.0000
56752	N-PENTANE	0.5481	5.0509	0.0000	0.0000	0.0000
56775	PROPANE	15.5058	95.3011	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.0071	0.0469	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	54.5408	282.9283	0.0064	0.3684	0.3748
70510	SULFUR DIOXIDE	0.4177	2.2536	0.0018	0.1030	0.1048
90300	CARBON MONOXIDE	27.2380	131.6764	0.0128	0.7354	0.7482



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HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51530	METHANOL	0.2642	2.3582	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	1.5674	8.2035	0.0000	0.0000	0.0000
51640	ACROLEIN	0.9637	5.0438	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0452	0.1164	0.0000	0.0000	0.0000
52420	BENZENE	0.1098	0.6567	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0005	0.0025	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0132	0.0702	0.0000	0.0000	0.0000
52488	2-METHYLNAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.1071	0.7327	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0599	0.4447	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0384	0.2261	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.4868	3.0949	0.0000	0.0088	0.0088
56751	2,2,4- TRIMETHYLPENTANE	0.0544	0.3348	0.0000	0.0000	0.0000
Total		3.7106	21.2845	0.0000	0.0088	0.0088