

**2023 CONTAMINANT SUMMARY REPORT**

August 28, 2024

4:37 pm

CN : CN600303614**Organization :** CHEVRON PHILLIPS CHEMICAL COMPANY LP**RN :** RN100209857**Account :** JE0508W**Site :** PORT ARTHUR PLANT**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	85.1242	481.3436	0.0000	0.0000	0.0000
VOC	161.8952	841.6289	0.0000	25.4558	25.4558
CO	517.6998	3694.7375	0.0000	17.5817	17.5817
NOX	532.8464	2834.4863	0.0000	2.4755	2.4755
SO2	10.2981	50.0184	0.0000	0.0000	0.0000
PM10	87.2459	492.9694	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	90.5855	511.0653	0.0000	0.0000	0.0000
11905	ANTHRACENE	0.0000	0.0000	0.0000	0.0000	0.0000
14630	SODIUM HYDROXIDE, NAOH	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	87.2459	492.9694	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	85.1242	481.3436	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	68.6169	393.3453	0.0000	0.0000	0.0000
51420	AMYL ALCOHOL	0.0053	0.0313	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0462	0.2456	0.0000	0.0000	0.0000
51460	ETHANOL	0.0225	0.1674	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.4225	2.1910	0.0000	0.0000	0.0000
51490	ISOBUTANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.0003	0.0012	0.0000	0.0000	0.0000
51530	METHANOL	0.0469	0.2228	0.0000	0.0000	0.0000
51550	PHENOL	0.0052	0.0250	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51820	ACETYLENE	0.1188	0.3639	0.0000	0.0694	0.0694
51825	METHYL ACETYLENE	0.0286	0.1505	0.0000	0.0000	0.0000
52200	AMINES-U	0.0045	0.0196	0.0000	0.0000	0.0000
52210	ALKYL AMINE-U	0.0020	0.0094	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0353	0.2521	0.0000	0.0000	0.0000
52420	BENZENE	3.7806	15.7493	0.0000	0.5380	0.5380
52427	1,2,4 -TRICHLOROBENZENE	0.0010	0.0038	0.0000	0.0000	0.0000
52428	TRIMETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52441	2,6-DI-TERT-BUTYL-P-CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0102	0.0707	0.0000	0.0000	0.0000
52457	INDENE	0.0000	0.0002	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0925	0.4424	0.0000	0.0000	0.0000
52480	STYRENE	0.0018	0.0101	0.0000	0.0000	0.0000

**2023 CONTAMINANT SUMMARY REPORT**

August 28, 2024

4:37 pm

CN : CN600303614**Organization :** CHEVRON PHILLIPS CHEMICAL COMPANY LP**RN :** RN100209857**Account :** JE0508W**Site :** PORT ARTHUR PLANT**Last EI Date :** 12/31/2023**CONTAMINANT SUMMARY REPORT**

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
52490	TOLUENE	0.3786	2.0944	0.0000	0.0000	0.0000
52510	XYLENE-U	0.1333	0.6708	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.1386	0.7041	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0000	0.0002	0.0000	0.0000	0.0000
52765	METHYLBUTANOL, 2-	0.0027	0.0157	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0008	0.0032	0.0000	0.0000	0.0000
52835	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52890	DIOXANE 1,4	0.0000	0.0000	0.0000	0.0000	0.0000
53450	FREONS-U	9.8779	54.1109	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0173	0.0506	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	1.0050	1.9769	0.0000	0.3433	0.3433
55175	BUTENE	2.0489	12.9287	0.0000	0.6559	0.6559
55176	1-BUTENE	0.0577	0.2131	0.0000	0.0000	0.0000
55177	CIS-2-BUTENE	0.1255	0.0936	0.0000	0.0227	0.0227
55178	ISOBUTENE	0.0000	0.0000	0.0000	0.0000	0.0000
55179	TRANS-2-BUTENE	0.0577	0.0430	0.0000	0.0155	0.0155
55220	CYCLOPENTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
55225	DICYCLOPENTADIENE	0.8893	2.1319	0.0000	0.0000	0.0000
55300	ETHYLENE	19.0968	52.3055	0.0000	6.8065	6.8065
55525	PENTENE 1	0.3157	0.6955	0.0000	0.0000	0.0000
55600	PROPYLENE	18.6666	76.2730	0.0000	4.3325	4.3325
55610	PROPADIENE	0.0242	0.1271	0.0000	0.0000	0.0000
56000	PARAFFINS-U	0.0000	0.0000	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	5.3169	34.5415	0.0000	0.2451	0.2451
56100	CYCLOPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56150	METHYLCYCLOHEXANE	0.0000	0.0001	0.0000	0.0000	0.0000
56200	METHYLCYCLOPENTANE	0.0000	0.0001	0.0000	0.0000	0.0000
56526	DIMETHYL BUTANE 2,2	0.0000	0.0000	0.0000	0.0000	0.0000
56528	ISOHEXANE AKA 2-METHYLPENTANE	0.0001	0.0002	0.0000	0.0000	0.0000
56550	ETHANE	0.0036	0.0199	0.0000	0.0000	0.0000
56575	HEPTANE	0.0001	0.0004	0.0000	0.0000	0.0000
56600	HEXANE	0.0872	0.3304	0.0000	0.0000	0.0000
56625	ISOBUTANE	15.4953	101.5047	0.0000	4.8492	4.8492
56700	ISO PENTANE	0.0000	0.0001	0.0000	0.0000	0.0000
56725	N BUTANE	15.9835	104.8592	0.0000	5.1219	5.1219
56750	PENTANE	1.3847	3.2233	0.0000	0.1422	0.1422

**2023 CONTAMINANT SUMMARY REPORT**

August 28, 2024

4:37 pm

CN : CN600303614**Organization :** CHEVRON PHILLIPS CHEMICAL COMPANY LP**RN :** RN100209857**Account :** JE0508W**Site :** PORT ARTHUR PLANT**Last EI Date :** 12/31/2023**CONTAMINANT SUMMARY REPORT**

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
56775	PROPANE	6.4092	28.4476	0.0000	2.3136	2.3136
58243	HEXAMETHYLENE DIISOCYANATE	0.0497	0.2043	0.0000	0.0000	0.0000
58292	PROPYLENEIMINE	0.0059	0.0324	0.0000	0.0000	0.0000
58713	TETRAMETHYL BENZENE ALL ISOMERS	0.0000	0.0000	0.0000	0.0000	0.0000
58799	DIMETHYL SULFIDE	0.0627	0.2738	0.0000	0.0000	0.0000
58998	ALIPHATIC PETROLEUM DISTILLATE	0.0000	0.0000	0.0000	0.0000	0.0000
58999	AROMATIC PETROLEUM DISTILLATE LIGHT	0.4239	2.2998	0.0000	0.0000	0.0000
59003	GASOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
59007	LUBRICATING OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	0.0045	0.0341	0.0000	0.0000	0.0000
59300	NAPHTHA	0.4717	2.2480	0.0000	0.0000	0.0000
70030	HYDROGEN	0.0000	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	2.4630	11.7522	0.0000	0.0000	0.0000
70110	CHLORINE	0.0000	0.0000	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.1069	0.5436	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	532.8464	2834.4863	0.0000	2.4755	2.4755
70403	NITROUS OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	10.2981	50.0184	0.0000	0.0000	0.0000
80500	NITROGEN	0.0000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	517.6998	3694.7375	0.0000	17.5817	17.5817

**2023 CONTAMINANT SUMMARY REPORT**

August 28, 2024

4:37 pm

CN : CN600303614**Organization :** CHEVRON PHILLIPS CHEMICAL COMPANY LP**RN :** RN100209857**Account :** JE0508W**Site :** PORT ARTHUR PLANT**Last EI Date :** 12/31/2023**HAPS SUMMARY REPORT**

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11905	ANTHRACENE	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.4225	2.1910	0.0000	0.0000	0.0000
51530	METHANOL	0.0469	0.2228	0.0000	0.0000	0.0000
51550	PHENOL	0.0052	0.0250	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	3.7806	15.7493	0.0000	0.5380	0.5380
52427	1,2,4 -TRICHLOROBENZENE	0.0010	0.0038	0.0000	0.0000	0.0000
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0102	0.0707	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0925	0.4424	0.0000	0.0000	0.0000
52480	STYRENE	0.0018	0.0101	0.0000	0.0000	0.0000
52490	TOLUENE	0.3786	2.0944	0.0000	0.0000	0.0000
52510	XYLENE-U	0.1333	0.6708	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.1386	0.7041	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0000	0.0002	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0008	0.0032	0.0000	0.0000	0.0000
52890	DIOXANE 1,4	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0173	0.0506	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	1.0050	1.9769	0.0000	0.3433	0.3433
56600	HEXANE	0.0872	0.3304	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0497	0.2043	0.0000	0.0000	0.0000
58292	PROPYLENEIMINE	0.0059	0.0324	0.0000	0.0000	0.0000
70110	CHLORINE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		6.1771	24.7824	0.0000	0.8813	0.8813