



# 2023 CONTAMINANT SUMMARY REPORT

June 24, 2024

3:46 pm

**CN :** CN600124705

**Organization :** EQUSTAR CHEMICALS LP

**RN :** RN100221662

**Account :** NE0051B

**Site :** CORPUS CHRISTI 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	91.7300	504.1910	0.0000	0.0009	0.0009
VOC	177.6980	974.2370	35.1801	37.4298	72.6099
CO	274.8880	1318.7240	59.6590	56.4822	116.1412
NOX	906.7150	4937.8470	12.4150	10.9911	23.4061
SO2	2.5400	13.7620	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	102.4880	563.2720	0.0000	0.0009	0.0009

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	102.1090	561.1910	0.0000	0.0009	0.0009
14146	COKE	1.2090	6.6360	0.0000	0.0000	0.0000
20000	PM10 PART-U	102.1090	561.1910	0.0000	0.0009	0.0009
24146	PM10 COKE	0.3790	2.0810	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	91.7300	504.1910	0.0000	0.0009	0.0009
50001	VOC-UNCLASSIFIED	78.9220	431.9210	0.7301	0.0249	0.7550
51520	HEXANOL	0.0520	0.2900	0.0000	0.0000	0.0000
51530	METHANOL	0.0950	0.5190	0.0000	0.0000	0.0000
51570	N-PROPANOL	0.0060	0.0310	0.0000	0.0000	0.0000
51752	BUTENE CIS-2	0.0000	0.0000	0.0000	0.0000	0.0000
51820	ACETYLENE	0.2270	1.2480	0.1200	0.1410	0.2610
51825	METHYL ACETYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52400	AROMATICS-U	0.1020	0.5580	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0490	0.2750	0.0000	0.0000	0.0000
52420	BENZENE	10.2640	56.3480	0.3900	0.8200	1.2100
52428	TRIMETHYL BENZENE	0.0050	0.0280	0.0000	0.0000	0.0000
52440	CUMENE	0.3620	1.9860	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.3950	2.1810	0.0000	0.0120	0.0120
52460	NAPHTHALENE	0.1030	0.5630	0.0000	0.0060	0.0060
52475	BIPHENYL	0.0150	0.0830	0.0000	0.0000	0.0000
52480	STYRENE	0.1560	0.8600	0.0000	0.0000	0.0000
52490	TOLUENE	2.7630	15.1790	0.0000	0.0813	0.0813
52492	INDAN	0.0000	0.0000	0.0000	0.0050	0.0050
52510	XYLENE-U	0.9240	5.0690	0.0000	0.0080	0.0080
52735	N-BUTYLBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52790	VINYLACETYLENE	0.0010	0.0040	0.0000	0.0000	0.0000
55000	OLEFINS-U	0.0020	0.0100	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	3.3770	18.5390	0.7000	0.9310	1.6310



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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
55151	BUTADIENE, 1,2-	0.0000	0.0000	0.0000	0.0000	0.0000
55175	BUTENE	0.4080	2.2380	0.5800	0.8750	1.4550
55176	1-BUTENE	2.8160	15.4630	0.0000	0.0000	0.0000
55178	ISOBUTENE	0.0000	0.0000	0.0000	0.0000	0.0000
55179	TRANS-2-BUTENE	0.0000	0.0000	0.0000	0.0000	0.0000
55225	DICYCLOPENTADIENE	0.0070	0.0460	0.0000	0.0033	0.0033
55300	ETHYLENE	25.8660	142.0100	22.9300	21.2840	44.2140
55320	HEPTENES MIXED ISOMERS	0.2500	1.3730	0.0000	0.0000	0.0000
55525	PENTENE 1	2.6050	14.3040	0.0000	0.0151	0.0151
55600	PROPYLENE	13.3770	73.4400	5.6900	7.4150	13.1050
56000	PARAFFINS-U	0.5380	2.9600	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.4460	2.4540	0.0000	0.0000	0.0000
56100	CYCLOPENTANE	2.2560	12.3780	0.0000	0.0000	0.0000
56575	HEPTANE	0.3970	2.1770	0.0000	0.0116	0.0116
56590	HEXENE	0.8250	4.5290	0.0000	0.0121	0.0121
56600	HEXANE	2.1880	12.0140	0.1700	0.3558	0.5258
56601	METHYL PENTANE 3	0.1430	0.7870	0.0000	0.0079	0.0079
56625	ISOBUTANE	0.0310	0.1710	0.0000	0.0510	0.0510
56673	OCTENE	0.1860	1.0230	0.0000	0.0000	0.0000
56674	OCTANE	0.0140	0.0740	0.0000	0.0138	0.0138
56680	DECANE	0.2960	1.6210	0.0000	0.0520	0.0520
56700	ISO PENTANE	0.0390	0.2120	0.0000	0.0000	0.0000
56703	NONANE	0.7190	3.9430	0.0000	0.0100	0.0100
56725	N BUTANE	6.0790	33.3740	0.1600	0.1770	0.3370
56750	PENTANE	14.0200	76.9700	0.4600	0.9520	1.4120
56775	PROPANE	3.1240	17.1490	3.2500	4.1650	7.4150
58225	DIMETHYLFORMAMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58799	DIMETHYL SULFIDE	0.0030	0.0170	0.0000	0.0000	0.0000
59003	GASOLINE	0.2240	1.2280	0.0000	0.0000	0.0000
59200	FUEL OIL-U	2.5580	14.0400	0.0000	0.0000	0.0000
59210	NO 2 FUEL OIL	0.0500	0.2740	0.0000	0.0000	0.0000
59220	NO 5 FUEL OIL	0.2130	1.1720	0.0000	0.0000	0.0000
59225	NO 6 FUEL OIL	0.1970	1.0800	0.0000	0.0000	0.0000
59300	NAPHTHA	0.0030	0.0240	0.0000	0.0000	0.0000
59400	RAFFINATE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	906.7150	4937.8470	12.4150	10.9911	23.4061
70510	SULFUR DIOXIDE	2.5400	13.7620	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	274.8880	1318.7240	59.6590	56.4822	116.1412



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## HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51530	METHANOL	0.0950	0.5190	0.0000	0.0000	0.0000
52420	BENZENE	10.2640	56.3480	0.3900	0.8200	1.2100
52440	CUMENE	0.3620	1.9860	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.3950	2.1810	0.0000	0.0120	0.0120
52460	NAPHTHALENE	0.1030	0.5630	0.0000	0.0060	0.0060
52475	BIPHENYL	0.0150	0.0830	0.0000	0.0000	0.0000
52480	STYRENE	0.1560	0.8600	0.0000	0.0000	0.0000
52490	TOLUENE	2.7630	15.1790	0.0000	0.0813	0.0813
52510	XYLENE-U	0.9240	5.0690	0.0000	0.0080	0.0080
55150	1,3- BUTADIENE	3.3770	18.5390	0.7000	0.9310	1.6310
56600	HEXANE	2.1880	12.0140	0.1700	0.3558	0.5258
58225	DIMETHYLFORMAMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		20.6420	113.3410	1.2600	2.2141	3.4741