



2023 CONTAMINANT SUMMARY REPORT

August 12, 2024

2:43 pm

CN : CN600126775

Organization : INEOS US CHEMICALS COMPANY

RN : RN102536307

Account : GB0001R

Site : TEXAS CITY CHEMICAL 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	1.5412	1.6062	0.0000	0.0000	0.0000
VOC	46.4916	298.4969	0.7692	0.0550	0.8242
CO	79.6360	474.9334	6.2505	0.0000	6.2505
NOX	24.2384	99.2332	1.2118	0.0000	1.2118
SO2	0.1304	0.5358	0.0103	0.0000	0.0103
PM10	2.8907	3.2681	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	4.2954	3.7233	0.0000	0.0000	0.0000
11000	PART - CHEMICAL-U	0.0000	0.0000	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
11175	SULFURIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
11230	FLUORIDES EXCEPT HF	0.0000	0.0000	0.0000	0.0000	0.0000
14010	ALUMINUM - AL	0.0000	0.0000	0.0000	0.0000	0.0000
14012	ALUMINUM CHLORIDE- ALCL3	0.0000	0.0000	0.0000	0.0000	0.0000
14014	ALUMINUM HYDROXIDE -ALOH3	0.0000	0.0000	0.0000	0.0000	0.0000
14016	ALUMINM OXIDE- AL2O3	0.0000	0.0000	0.0000	0.0000	0.0000
14023	ANTIMONY AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14045	TREMOLITE	0.0000	0.0000	0.0000	0.0000	0.0000
14052	BARITE - BAS04	0.0000	0.0000	0.0000	0.0000	0.0000
14123	CALCIUM CARBONATE-CACO3	0.0000	0.0000	0.0000	0.0000	0.0000
14126	CALCIUM OXIDE-CAO	0.0000	0.0000	0.0000	0.0000	0.0000
14142	CARBON BLACK	0.0000	0.0000	0.0000	0.0000	0.0000
14162	CHROMIUM OXIDE-CRO	0.0000	0.0000	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14194	COPPER COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14344	MAGNESIUM OXIDE-MGO	0.0000	0.0000	0.0000	0.0000	0.0000
14354	MANGANESE DIOXIDE-MNO2	0.0000	0.0000	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14370	MICA	0.0000	0.0000	0.0000	0.0000	0.0000
14670	TALC	0.0000	0.0000	0.0000	0.0000	0.0000
14735	TITANIUM DIOXIDE	0.0001	0.0013	0.0000	0.0000	0.0000
14780	ZINC-ZN	0.0000	0.0000	0.0000	0.0000	0.0000
14784	ZINC OXIDE-ZNO	0.0000	0.0000	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	2.8907	3.2681	0.0000	0.0000	0.0000
24010	PM10 ALUMINUM - AL	0.0000	0.0000	0.0000	0.0000	0.0000



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24016	PM10 ALUMINM OXIDE- AL2O3	0.0000	0.0000	0.0000	0.0000	0.0000
24045	PM10 TREMOLITE	0.0000	0.0000	0.0000	0.0000	0.0000
24052	PM10 BARITE - BASO4	0.0000	0.0000	0.0000	0.0000	0.0000
24123	PM10 CALCIUM CARBONATE-CACO3	0.0000	0.0000	0.0000	0.0000	0.0000
24126	PM10 CALCIUM OXIDE-CAO	0.0000	0.0000	0.0000	0.0000	0.0000
24344	PM10 MAGNESIUM OXIDE-MGO	0.0000	0.0000	0.0000	0.0000	0.0000
24784	PM10 ZINC OXIDE-ZNO	0.0000	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	1.5412	1.6062	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	9.2034	49.1648	0.7339	0.0001	0.7340
51405	BENZYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51415	DIACETONE ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51430	2- BUTOXYETHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51434	GLYCOL ETHER DPM	0.0000	0.0000	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51455	PROPROXYETHANOL 2	0.0000	0.0000	0.0000	0.0000	0.0000
51460	ETHANOL	0.0001	0.0011	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	0.0054	0.0704	0.0000	0.0000	0.0000
51488	PROPYLENE GLYCOL T-BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
51490	ISOBUTANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51493	METHYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.0026	0.0334	0.0000	0.0000	0.0000
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0118	0.0000	0.0000	0.0000	0.0000
52229	AMINOETHYLPIPERAZINE, N	0.0000	0.0000	0.0000	0.0000	0.0000
52253	DIETHYLENE TRIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52257	POLYAMINE H SPECIAL	0.0000	0.0000	0.0000	0.0000	0.0000
52259	PETROLEUM DISTILLATES	0.0000	0.0000	0.0000	0.0000	0.0000
52265	AROMATIC PETROLEUM DISTILLATE HEAVY	0.0000	0.0000	0.0000	0.0000	0.0000
52305	1,2,3,4 - TETRAHYDRONAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52360	M-XYLENE A,A-DIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52400	AROMATICS-U	0.1648	0.8253	0.0000	0.0001	0.0001
52416	TRIMETHYL BENZENE, 1,2,4-	0.0000	0.0000	0.0000	0.0000	0.0000
52417	TRIMETHYL BENZENE, 1,2,3-	0.0262	0.1408	0.0000	0.0000	0.0000
52418	TRIMETHYL BENZENE, 1,3,5-	0.0089	0.0509	0.0000	0.0000	0.0000
52420	BENZENE	4.1257	35.0895	0.0353	0.0001	0.0354
52428	TRIMETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000



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52433	DIETHYL BENZENE	0.0399	0.2127	0.0000	0.0000	0.0000
52440	CUMENE	0.0426	0.3345	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	2.9126	20.6054	0.0000	0.0005	0.0005
52460	NAPHTHALENE	0.0004	0.0021	0.0000	0.0000	0.0000
52474	BISPHENOL-A	0.0000	0.0000	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0000	0.0000	0.0000	0.0000	0.0000
52476	METHYL NAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	2.4828	19.9605	0.0000	0.0000	0.0000
52490	TOLUENE	0.6449	3.0743	0.0000	0.0001	0.0001
52510	XYLENE-U	0.4898	3.5852	0.0000	0.0456	0.0456
52512	META-XYLENE	10.5810	70.2857	0.0000	0.0034	0.0034
52514	ORTHO-XYLENE	3.8072	26.5530	0.0000	0.0011	0.0011
52516	PARA-XYLENE	8.9525	58.6996	0.0000	0.0039	0.0039
52640	BUTYL ACETATE	0.0086	0.1127	0.0000	0.0000	0.0000
52701	ETHYL-B-ETHOXYPROPIONATE	0.0000	0.0000	0.0000	0.0000	0.0000
52711	DI-N-BUTYL PHTHALATE	0.0000	0.0000	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52912	EPOXY RESIN	0.0000	0.0000	0.0000	0.0000	0.0000
52922	METHOXY 1 PROPANOL 2	0.0009	0.0111	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53260	ETHYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53299	PARACHLOROBENZOTRIFLUORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53475	CHLORODIFLUOROMETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0054	0.0704	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54072	HEPTANONE 2	0.0000	0.0000	0.0000	0.0000	0.0000
55000	OLEFINS-U	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0022	0.0200	0.0000	0.0000	0.0000
55175	BUTENE	0.0008	0.0101	0.0000	0.0000	0.0000
55176	1-BUTENE	0.0015	0.0096	0.0000	0.0000	0.0000
55177	CIS-2-BUTENE	0.0022	0.0189	0.0000	0.0000	0.0000
55179	TRANS-2-BUTENE	0.0021	0.0187	0.0000	0.0000	0.0000
55300	ETHYLENE	0.4400	2.0985	0.0000	0.0000	0.0000
55400	ISOBUTYLENE	0.0016	0.0207	0.0000	0.0000	0.0000
55405	BUTYLENES - UNCLASSIFIED	0.0000	0.0000	0.0000	0.0000	0.0000



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55525	PENTENE 1	0.0000	0.0000	0.0000	0.0000	0.0000
55600	PROPYLENE	0.0348	0.2058	0.0000	0.0000	0.0000
56000	PARAFFINS-U	0.0000	0.0000	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0002	0.0012	0.0000	0.0000	0.0000
56100	CYCLOPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56200	METHYLCYCLOPENTANE	0.0005	0.0029	0.0000	0.0000	0.0000
56526	DIMETHYL BUTANE 2,2	0.0000	0.0000	0.0000	0.0000	0.0000
56550	ETHANE	0.0390	0.1384	0.0000	0.0000	0.0000
56575	HEPTANE	0.0179	0.1081	0.0000	0.0000	0.0000
56600	HEXANE	0.6972	0.1186	0.0000	0.0000	0.0000
56625	ISOBUTANE	0.0658	0.1378	0.0000	0.0000	0.0000
56674	OCTANE	0.0106	0.0617	0.0000	0.0000	0.0000
56680	DECANE	0.0000	0.0000	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.1295	0.6358	0.0000	0.0000	0.0000
56703	NONANE	0.0216	0.0831	0.0000	0.0000	0.0000
56725	N BUTANE	0.3126	1.2770	0.0000	0.0000	0.0000
56750	PENTANE	0.0673	0.3335	0.0000	0.0000	0.0000
56752	N-PENTANE	0.0951	0.3866	0.0000	0.0001	0.0001
56775	PROPANE	0.7895	4.0538	0.0000	0.0000	0.0000
58051	TETRAETHYLENEPENTAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58711	ETHYLTOLUENE,O-	0.0000	0.0000	0.0000	0.0000	0.0000
58713	TETRAMETHYL BENZENE ALL ISOMERS	0.0000	0.0000	0.0000	0.0000	0.0000
58715	1-ETHYL 4-METHYLBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
58805	ETHYL SILICATE	0.0009	0.0111	0.0000	0.0000	0.0000
58810	METHYL SILICATE	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000
59000	VOC GAS MIXTURE-U	0.0000	0.0000	0.0000	0.0000	0.0000
59001	CRUDE OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59002	DISTILLATE	0.0000	0.0000	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
59011	PETROLEUM NAPHTHA	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	0.0000	0.0000	0.0000	0.0000	0.0000
59330	PARAFFIN WAX FUMES	0.0000	0.0000	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0000	0.0000	0.0000	0.0000	0.0000
59375	PROCESS FUEL GAS	0.2802	0.0000	0.0000	0.0000	0.0000



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59871	VM AND P NAPHTHA	0.0000	0.0000	0.0000	0.0000	0.0000
60000	METHANE	0.0000	0.0000	0.0000	0.0000	0.0000
70030	HYDROGEN	0.0000	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	0.0067	0.0371	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.0001	0.0006	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	24.2384	99.2332	1.2118	0.0000	1.2118
70401	NITRIC OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70402	NITROGEN DIOXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70490	SODIUM HYPOCHLORITE	0.0000	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.1304	0.5358	0.0103	0.0000	0.0103
70515	SULFUR TRIOXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
80500	NITROGEN	0.0000	0.0000	0.0000	0.0000	0.0000
90100	CARBON DIOXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	79.6360	474.9334	6.2505	0.0000	6.2505



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HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11160	HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
14023	ANTIMONY AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14045	TREMOLITE	0.0000	0.0000	0.0000	0.0000	0.0000
14162	CHROMIUM OXIDE-CRO	0.0000	0.0000	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14354	MANGANESE DIOXIDE-MNO2	0.0000	0.0000	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
24045	PM10 TREMOLITE	0.0000	0.0000	0.0000	0.0000	0.0000
51455	PROPROXYETHANOL 2	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51493	METHYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0118	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	4.1257	35.0895	0.0353	0.0001	0.0354
52440	CUMENE	0.0426	0.3345	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	2.9126	20.6054	0.0000	0.0005	0.0005
52460	NAPHTHALENE	0.0004	0.0021	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0000	0.0000	0.0000	0.0000	0.0000
52476	METHYL NAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	2.4828	19.9605	0.0000	0.0000	0.0000
52490	TOLUENE	0.6449	3.0743	0.0000	0.0001	0.0001
52510	XYLENE-U	0.4898	3.5852	0.0000	0.0456	0.0456
52512	META-XYLENE	10.5810	70.2857	0.0000	0.0034	0.0034
52514	ORTHO-XYLENE	3.8072	26.5530	0.0000	0.0011	0.0011
52516	PARA-XYLENE	8.9525	58.6996	0.0000	0.0039	0.0039
52711	DI-N-BUTYL PHTHALATE	0.0000	0.0000	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53260	ETHYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0022	0.0200	0.0000	0.0000	0.0000
56600	HEXANE	0.6972	0.1186	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000



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