



2023 CONTAMINANT SUMMARY REPORT

June 28, 2024

3:59 pm

CN : CN603603093

Organization : HUNTSMAN PETROCHEMICAL LLC

RN : RN100219740

Account : MQ0012Q

Site : CONROE 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	3.1462	17.2752	0.0000	0.0000	0.0000
VOC	20.8259	110.3371	0.0000	6.1176	6.1176
CO	53.5639	293.6997	0.0000	0.0002	0.0002
NOX	48.9157	268.3247	0.0000	0.0001	0.0001
SO2	0.2950	1.6022	0.0000	0.0000	0.0000
PM10	7.3494	40.3071	0.0000	0.0000	0.0000

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	8.6489	47.4326	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.0600	0.3288	0.0000	0.0001	0.0001
11170	PHOSPHORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
11175	SULFURIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	7.3494	40.3071	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	3.1462	17.2752	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	10.2092	52.0344	0.0000	5.9625	5.9625
51120	ACETIC ACID	0.0000	0.0003	0.0000	0.0000	0.0000
51180	FORMIC ACID	0.0001	0.0004	0.0000	0.0000	0.0000
51221	LACTIC ACID	0.0561	0.3076	0.0000	0.0000	0.0000
51405	BENZYL ALCOHOL	0.0010	0.0080	0.0000	0.0000	0.0000
51431	METHYLAMINOETHANOL N	0.1648	0.3191	0.0000	0.0260	0.0260
51440	N-BUTYL ALCOHOL	0.0000	0.0003	0.0000	0.0000	0.0000
51459	DIMETHYLAMINOETHANOL	0.6410	3.5063	0.0000	0.0000	0.0000
51460	ETHANOL	0.0796	0.4390	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0774	0.4192	0.0000	0.0000	0.0000
51472	PROPYLENE GLYCOL	0.0079	0.0421	0.0000	0.0000	0.0000
51473	DIETHYLENE GLYCOL	0.0000	0.0002	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	0.0100	0.0600	0.0000	0.0000	0.0000
51479	DIPROPYLENE GLYCOL	0.0013	0.0073	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.2154	1.1813	0.0000	0.0000	0.0000
51530	METHANOL	1.1777	6.4784	0.0000	0.0150	0.0150
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0473	0.2580	0.0000	0.0000	0.0000
52200	AMINES-U	0.7607	4.1655	0.0000	0.0081	0.0081
52202	METHYLDIETHANOLAMINE	0.1276	0.6956	0.0000	0.0050	0.0050
52209	TERTIARY BUTYL AMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52258	TRIETHYLENEDIAMINE	0.0002	0.0013	0.0000	0.0000	0.0000



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52260	DIMETHYLAMINE	0.6912	3.7895	0.0000	0.0000	0.0000
52271	N-ETHYLMORPHOLINE	0.1482	0.9328	0.0000	0.0000	0.0000
52280	ETHANOLAMINE	0.0032	0.0182	0.0000	0.0000	0.0000
52290	ETHYLENE DIAMINE	0.1520	0.8330	0.0000	0.0000	0.0000
52297	METHYL AMINE	1.7335	9.4688	0.0000	0.0000	0.0000
52299	MORPHOLINE	0.7485	4.4925	0.0000	0.0010	0.0010
52321	ISOPROPYLAMINE	0.0284	0.1558	0.0000	0.0000	0.0000
52330	TRIETHYLAMINE	0.0042	0.0230	0.0000	0.0000	0.0000
52340	TRIMETHYLAMINE	0.0490	0.2680	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0001	0.0000	0.0000	0.0000
52440	CUMENE	0.0020	0.0100	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0800	0.4600	0.0000	0.0000	0.0000
52490	TOLUENE	0.0700	0.3700	0.0000	0.0000	0.0000
52510	XYLENE-U	0.3600	1.9700	0.0000	0.0000	0.0000
52683	MONONONYLPHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
52854	METHYL CELLOSOLVE	0.4520	2.4770	0.0000	0.0000	0.0000
52890	DIOXANE 1,4	0.0202	0.1106	0.0000	0.0000	0.0000
53109	BROMOETHANE	0.0002	0.0009	0.0000	0.0000	0.0000
54020	ACETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0900	0.5100	0.0000	0.0000	0.0000
55300	ETHYLENE	0.0047	0.0256	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	1.0684	5.8578	0.0000	0.0000	0.0000
56527	NEOPENTANE	0.0145	0.0797	0.0000	0.0000	0.0000
56550	ETHANE	0.4826	2.6444	0.0000	0.0000	0.0000
56600	HEXANE	0.0082	0.0451	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.1420	0.7780	0.0000	0.0000	0.0000
56725	N BUTANE	0.0580	0.3181	0.0000	0.0000	0.0000
56775	PROPANE	0.1470	0.8050	0.0000	0.0000	0.0000
58051	TETRAETHYLENEPENTAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
58213	ACRYLONITRILE	0.0193	0.1087	0.0000	0.0000	0.0000
58440	ETHYLENE OXIDE	0.8457	4.9602	0.0000	0.0200	0.0200
58445	1,2-BUTYLENE OXIDE	0.0260	0.1424	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.2822	1.4020	0.0000	0.0800	0.0800
59150	DIESEL	0.0000	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	12.0886	67.2381	0.0000	0.0595	0.0595
70175	HYDROGEN BROMIDE, HBR	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	48.9157	268.3247	0.0000	0.0001	0.0001



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70510	SULFUR DIOXIDE	0.2950	1.6022	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	53.5639	293.6997	0.0000	0.0002	0.0002

HAPS SUMMARY REPORT

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11160	HYDROCHLORIC ACID	0.0600	0.3288	0.0000	0.0001	0.0001
51471	ETHYLENE GLYCOL	0.0774	0.4192	0.0000	0.0000	0.0000
51530	METHANOL	1.1777	6.4784	0.0000	0.0150	0.0150
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0473	0.2580	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52330	TRIETHYLAMINE	0.0042	0.0230	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0001	0.0000	0.0000	0.0000
52440	CUMENE	0.0020	0.0100	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0800	0.4600	0.0000	0.0000	0.0000
52490	TOLUENE	0.0700	0.3700	0.0000	0.0000	0.0000
52510	XYLENE-U	0.3600	1.9700	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
52854	METHYL CELLOSOLVE	0.4520	2.4770	0.0000	0.0000	0.0000
52890	DIOXANE 1,4	0.0202	0.1106	0.0000	0.0000	0.0000
56600	HEXANE	0.0082	0.0451	0.0000	0.0000	0.0000
58213	ACRYLONITRILE	0.0193	0.1087	0.0000	0.0000	0.0000
58440	ETHYLENE OXIDE	0.8457	4.9602	0.0000	0.0200	0.0200
58445	1,2-BUTYLENE OXIDE	0.0260	0.1424	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.2822	1.4020	0.0000	0.0800	0.0800
Total		3.5322	19.5635	0.0000	0.1151	0.1151