



2023 CONTAMINANT SUMMARY REPORT

August 14, 2024

2:43 pm

CN : CN602817884

Organization : INEOS USA LLC

RN : RN100229905

Account : HG0665E

Site : POLYETHYLENE 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	12.0279	64.3851	0.0000	0.0000	0.0000
VOC	300.6982	1686.4429	0.0000	7.3725	7.3725
CO	207.5874	1206.3986	0.0000	0.0625	0.0625
NOX	106.0285	542.6107	0.0000	0.0123	0.0123
SO2	0.7140	4.5510	0.0000	0.0000	0.0000
PM10	14.5138	76.1308	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	15.5347	78.5899	0.0000	0.0000	0.0000
11255	POLYETHYLENE	1.9328	9.0551	0.0000	0.0000	0.0000
14123	CALCIUM CARBONATE-CACO3	0.0000	0.0000	0.0000	0.0000	0.0000
14142	CARBON BLACK	0.0000	0.0000	0.0000	0.0000	0.0000
14160	CHROMIUM-CR	0.0000	0.0000	0.0000	0.0000	0.0000
14570	SAND	0.0000	0.0000	0.0000	0.0000	0.0000
14601	SILICA OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
14602	SILICA,CRYSTALLINE	0.0000	0.0000	0.0000	0.0000	0.0000
14670	TALC	0.4610	2.5260	0.0000	0.0000	0.0000
14735	TITANIUM DIOXIDE	0.2019	1.1062	0.0000	0.0000	0.0000
14782	ZINC CHLORIDE-ZNCL2	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	12.9306	67.0757	0.0000	0.0000	0.0000
21255	PM10 POLYETHYLENE	1.5832	9.0551	0.0000	0.0000	0.0000
24142	PM10 CARBON BLACK	0.0000	0.0000	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0000	0.0000	0.0000	0.0000	0.0000
24570	PM10 SAND	0.0000	0.0000	0.0000	0.0000	0.0000
24670	PM10 TALC	0.0000	0.0000	0.0000	0.0000	0.0000
24735	PM10 TITANIUM DIOXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	12.0279	64.3851	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	15.6104	83.6385	0.0000	0.0078	0.0078
51350	TEREPHTHALIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51400	ALCOHOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51425	FATTY ACID AMIDE	0.0114	0.0625	0.0000	0.0000	0.0000
51430	2- BUTOXYETHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51460	ETHANOL	0.0002	0.0012	0.0000	0.0000	0.0000
51465	FURFURYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51473	DIETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000



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51478	METHOXY-2-ACETOXYPROPANE, 1-	0.0012	0.0068	0.0000	0.0000	0.0000
51479	DIPROPYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0340	0.1864	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51570	N-PROPANOL	0.1230	0.6738	0.0000	0.0000	0.0000
51590	TERT BUTYL ALCOHOL	0.9094	5.7043	0.0000	0.0000	0.0000
51895	ALIPHATIC NAPHTHA	0.0034	0.0184	0.0000	0.0000	0.0000
51900	ALIPHATIC CYCLIC HYDROCARBONS-U	0.0000	0.0000	0.0000	0.0000	0.0000
52259	PETROLEUM DISTILLATES	0.0072	0.0392	0.0000	0.0000	0.0000
52265	AROMATIC PETROLEUM DISTILLATE HEAVY	0.0000	0.0000	0.0000	0.0000	0.0000
52266	2,4,6-TRIDIMETHYLAMINOMETHYL PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
52290	ETHYLENE DIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0351	0.1926	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0357	0.1956	0.0000	0.0000	0.0000
52490	TOLUENE	0.3647	1.9985	0.0000	0.0000	0.0000
52510	XYLENE-U	0.2117	1.1599	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	0.0051	0.0277	0.0000	0.0000	0.0000
52701	ETHYL-B-ETHOXYPROPIONATE	0.0000	0.0000	0.0000	0.0000	0.0000
52704	OXOHEXYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52713	DIOXOLANE,1,3-	0.0000	0.0000	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0000	0.0000	0.0000	0.0000	0.0000
52835	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52912	EPOXY RESIN	0.5658	3.1004	0.0000	0.0000	0.0000
52922	METHOXY 1 PROPANOL 2	0.0010	0.0053	0.0000	0.0000	0.0000
53100	BROMINE COMPOUNDS-U	0.0000	0.0000	0.0000	0.0000	0.0000
53450	FREONS-U	0.0000	4.4664	0.0000	0.6957	0.6957
54020	ACETONE	0.3621	2.6196	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0612	0.3356	0.0000	0.0000	0.0000
54073	METHYL ISOAMYL KETONE	0.0172	0.0942	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
55175	BUTENE	1.1917	6.7943	0.0000	0.0009	0.0009
55176	1-BUTENE	1.3946	7.4697	0.0000	0.0000	0.0000



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55300	ETHYLENE	66.3186	396.0068	0.0000	5.4849	5.4849
55600	PROPYLENE	0.6156	3.8891	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56528	ISOHEXANE AKA 2-METHYLPENTANE	0.0006	0.0035	0.0000	0.0000	0.0000
56550	ETHANE	15.2638	82.2386	0.0000	0.0000	0.0000
56575	HEPTANE	8.6881	55.8172	0.0000	0.0000	0.0000
56590	HEXENE	13.5907	68.1441	0.0000	0.1364	0.1364
56600	HEXANE	1.8966	8.6045	0.0000	0.0000	0.0000
56625	ISOBUTANE	178.3720	981.7524	0.0000	1.2907	1.2907
56675	ISO OCTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.0106	0.0577	0.0000	0.0000	0.0000
56725	N BUTANE	1.2784	7.5557	0.0000	0.0000	0.0000
56730	N-HEXANE	6.4451	38.8745	0.0000	0.4517	0.4517
56750	PENTANE	0.0140	0.0766	0.0000	0.0000	0.0000
56752	N-PENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56775	PROPANE	2.7569	13.2599	0.0000	0.0001	0.0001
58400	VOC - OXYGENATED-U	0.0000	0.0000	0.0000	0.0000	0.0000
58445	1,2-BUTYLENE OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58999	AROMATIC PETROLEUM DISTILLATE LIGHT	0.0956	0.5242	0.0000	0.0000	0.0000
59000	VOC GAS MIXTURE-U	0.0000	0.0000	0.0000	0.0000	0.0000
59002	DISTILLATE	0.0314	0.1718	0.0000	0.0000	0.0000
59003	GASOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
59012	PETROLEUM SULFONATE	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	0.0000	0.0000	0.0000	0.0000	0.0000
59275	MINERAL SPIRITS	0.0000	0.0000	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0000	0.0000	0.0000	0.0000	0.0000
59800	NAPTHA,COAL-TAR	0.0000	0.0000	0.0000	0.0000	0.0000
59869	NONYLPHENOXYPOLYETHYLENEOXY ETHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
70030	HYDROGEN	0.0000	0.0000	0.0000	0.0000	0.0000
70112	CHLORINE DIOXIDE	0.0000	0.0080	0.0000	0.0010	0.0010
70400	NITROGEN OXIDES	106.0285	542.6107	0.0000	0.0123	0.0123
70510	SULFUR DIOXIDE	0.7140	4.5510	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	207.5874	1206.3986	0.0000	0.0625	0.0625



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HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
14160	CHROMIUM-CR	0.0000	0.0000	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0340	0.1864	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0357	0.1956	0.0000	0.0000	0.0000
52490	TOLUENE	0.3647	1.9985	0.0000	0.0000	0.0000
52510	XYLENE-U	0.2117	1.1599	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0612	0.3356	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	1.8966	8.6045	0.0000	0.0000	0.0000
56730	N-HEXANE	6.4451	38.8745	0.0000	0.4517	0.4517
58445	1,2-BUTYLENE OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		9.0490	51.3550	0.0000	0.4517	0.4517