



# 2023 CONTAMINANT SUMMARY REPORT

June 17, 2024

2:41 pm

CN : CN600124044

Organization : ARKEMA INC

RN : RN100216373

Account : JE0074L

Site : ARKEMA BEAUMONT 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	3.5274	19.5455	0.0000	0.0000	0.0000
VOC	7.0273	43.2359	0.0108	0.0667	0.0775
CO	87.4467	513.2421	0.0026	0.0000	0.0026
NOX	67.5923	374.6205	0.0003	0.0000	0.0003
SO2	118.2108	620.5556	0.8145	0.0000	0.8145
PM10	10.1749	56.8045	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	10.3621	57.8302	0.0000	0.0000	0.0000
14570	SAND	0.0000	0.0000	0.0000	0.0000	0.0000
14603	SILICONE CARBIDE	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	10.1749	56.8045	0.0000	0.0000	0.0000
24570	PM10 SAND	0.0000	0.0000	0.0000	0.0000	0.0000
24603	PM10 SILICONE CARBIDE	0.0000	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	3.5274	19.5455	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	5.0880	28.0313	0.0108	0.0007	0.0115
51120	ACETIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51140	ACRYLIC ACID	0.1599	0.8763	0.0000	0.0000	0.0000
51200	MALEIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51410	ALLYL ALCOHOL	0.1360	0.7453	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.4634	2.3612	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0278	0.1514	0.0000	0.0001	0.0001
51680	FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.0000	0.0000	0.0000	0.0000	0.0000
52501	ALIPHATIC POLYISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52680	ETHYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	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



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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
54020	ACETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54072	HEPTANONE 2	0.0000	0.0000	0.0000	0.0000	0.0000
54295	HYDROQUINONE	0.0000	0.0000	0.0000	0.0000	0.0000
55300	ETHYLENE	0.9061	9.7202	0.0000	0.0000	0.0000
55600	PROPYLENE	0.0464	0.2541	0.0000	0.0643	0.0643
56550	ETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
56670	ISOBUTYL ISOBUTYRATE	0.0000	0.0000	0.0000	0.0000	0.0000
56775	PROPANE	0.1992	1.0917	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58650	CARBON DISULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58675	DIMETHYLDISULFIDE	0.0000	0.0000	0.0000	0.0013	0.0013
58710	ETHANETHIOL	0.0000	0.0000	0.0000	0.0000	0.0000
58725	METHYL MERCAPTAN	0.0000	0.0000	0.0000	0.0000	0.0000
58775	CARBONYL SULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58797	DIETHYL DISULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58798	ETHYL SULFIDE	0.0000	0.0000	0.0000	0.0001	0.0001
58799	DIMETHYL SULFIDE	0.0000	0.0000	0.0000	0.0002	0.0002
58860	DIETHYL SULFATE	0.0000	0.0000	0.0000	0.0000	0.0000
59009	PETROLEUM DISTILLATE	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	0.0005	0.0044	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
60000	METHANE	0.0000	0.0000	0.0000	0.0000	0.0000
70110	CHLORINE	0.0000	0.0000	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.4828	3.0421	0.0014	0.0006	0.0020
70400	NITROGEN OXIDES	67.5923	374.6205	0.0003	0.0000	0.0003
70495	TOTAL REDUCED SULFUR-TRS	1.9444	10.2389	0.0000	0.0001	0.0001
70510	SULFUR DIOXIDE	118.2108	620.5556	0.8145	0.0000	0.8145
70516	SULFURIC ACID VAPOR	4.8907	24.7144	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	87.4467	513.2421	0.0026	0.0000	0.0026



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## HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51140	ACRYLIC ACID	0.1599	0.8763	0.0000	0.0000	0.0000
51530	METHANOL	0.4634	2.3612	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0278	0.1514	0.0000	0.0001	0.0001
51680	FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
54295	HYDROQUINONE	0.0000	0.0000	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58650	CARBON DISULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58775	CARBONYL SULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58860	DIETHYL SULFATE	0.0000	0.0000	0.0000	0.0000	0.0000
70110	CHLORINE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.6511	3.3889	0.0000	0.0001	0.0001