



2023 CONTAMINANT SUMMARY REPORT

May 24, 2024

12:56 pm

CN : CN602296287

Organization : LION ELASTOMERS LLC

RN : RN100224799

Account : JE0017A

Site : PORT NECHES SYNTHETIC RUBBER 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	5.3636	28.9480	0.0000	0.0000	0.0000
VOC	69.2812	412.2335	0.0000	0.0283	0.0283
CO	11.5969	62.5969	0.0000	0.0000	0.0000
NOX	32.9396	180.1702	0.0000	0.0000	0.0000
SO2	2.0247	11.0547	0.0000	0.0000	0.0000
PM10	5.6156	30.3289	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	10.3555	56.3013	0.0000	0.0000	0.0000
11000	PART - CHEMICAL-U	0.0000	0.0000	0.0000	0.0000	0.0000
11426	DIACETONE ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
14142	CARBON BLACK	0.8177	4.4683	0.0000	0.0000	0.0000
20000	PM10 PART-U	5.6156	30.3289	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	5.3636	28.9480	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	4.3649	25.2351	0.0000	0.0000	0.0000
51493	METHYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51600	ALDEHYDES-U	0.0048	0.0273	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0035	0.0193	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0060	0.0329	0.0000	0.0000	0.0000
51820	ACETYLENE	0.0514	0.2471	0.0000	0.0000	0.0000
51895	ALIPHATIC NAPHTHA	0.0000	0.0000	0.0000	0.0000	0.0000
51900	ALIPHATIC CYCLIC HYDROCARBONS-U	0.0000	0.0000	0.0000	0.0000	0.0000
52210	ALKYL AMINE-U	0.4911	2.6911	0.0000	0.0000	0.0000
52400	AROMATICS-U	0.0172	0.0944	0.0000	0.0000	0.0000
52420	BENZENE	0.0045	0.0249	0.0000	0.0000	0.0000
52440	CUMENE	0.0650	0.3564	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0528	0.2895	0.0000	0.0000	0.0000
52480	STYRENE	47.0715	290.8046	0.0000	0.0094	0.0094
52483	SUBSTITUTED STYRENES	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.0019	0.0107	0.0000	0.0000	0.0000
52510	XYLENE-U	0.2818	1.5443	0.0000	0.0000	0.0000
53104	1,1,1,2-TETRAFLUOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	0.3292	1.8041	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	3.4487	17.5660	0.0000	0.0189	0.0189
55530	VINYL CYCLOHEXENE	5.6048	30.7106	0.0000	0.0000	0.0000



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55600	PROPYLENE	0.2698	1.3058	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	6.8419	37.4895	0.0000	0.0000	0.0000
56550	ETHANE	0.1050	0.5202	0.0000	0.0000	0.0000
56600	HEXANE	0.0133	0.0725	0.0000	0.0000	0.0000
56750	PENTANE	0.0192	0.1047	0.0000	0.0000	0.0000
56775	PROPANE	0.0837	0.4104	0.0000	0.0000	0.0000
56780	1-PHENYLPROPANE	0.0285	0.1559	0.0000	0.0000	0.0000
58650	CARBON DISULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58900	PESTICIDE ORG GAS-U	0.0000	0.0000	0.0000	0.0000	0.0000
58998	ALIPHATIC PETROLEUM DISTILLATE	0.0000	0.0000	0.0000	0.0000	0.0000
59000	VOC GAS MIXTURE-U	0.5184	2.8400	0.0000	0.0000	0.0000
59003	GASOLINE	0.0354	0.1937	0.0000	0.0000	0.0000
59150	DIESEL	0.0011	0.0061	0.0000	0.0000	0.0000
59866	PHENANTHRENE	0.0000	0.0007	0.0000	0.0000	0.0000
60000	METHANE	0.5821	2.8110	0.0000	0.0000	0.0000
70110	CHLORINE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	32.9396	180.1702	0.0000	0.0000	0.0000
70403	NITROUS OXIDE	0.0162	0.0886	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	2.0247	11.0547	0.0000	0.0000	0.0000
90100	CARBON DIOXIDE	883.9008	4830.0590	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	11.5969	62.5969	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)
51493	METHYL CARBITOL	0.0000	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0035	0.0193	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0060	0.0329	0.0000	0.0000	0.0000
52420	BENZENE	0.0045	0.0249	0.0000	0.0000	0.0000
52440	CUMENE	0.0650	0.3564	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0528	0.2895	0.0000	0.0000	0.0000
52480	STYRENE	47.0715	290.8046	0.0000	0.0094	0.0094
52490	TOLUENE	0.0019	0.0107	0.0000	0.0000	0.0000
52510	XYLENE-U	0.2818	1.5443	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	3.4487	17.5660	0.0000	0.0189	0.0189
56600	HEXANE	0.0133	0.0725	0.0000	0.0000	0.0000
58650	CARBON DISULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
59866	PHENANTHRENE	0.0000	0.0007	0.0000	0.0000	0.0000
70110	CHLORINE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		50.9490	310.7218	0.0000	0.0283	0.0283