



# 2023 CONTAMINANT SUMMARY REPORT

June 24, 2024

12:06 pm

**CN :** CN600130850

**Organization :** CELANESE LTD

**RN :** RN100258060

**Account :** MH0009H

**Site :** BAY CITY 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	0.0743	0.4073	0.0000	0.0000	0.0000
VOC	35.1423	186.0616	0.0000	0.5840	0.5840
CO	25.3561	140.2802	0.0000	0.0000	0.0000
NOX	4.5962	21.3439	0.0000	0.0000	0.0000
SO2	0.9303	14.5816	0.0000	0.0000	0.0000
PM10	1.4235	18.3582	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	2.8142	25.7522	0.0000	0.0000	0.0000
20000	PM10 PART-U	1.4235	18.3582	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	0.0743	0.4073	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	1.5602	3.6390	0.0000	0.0046	0.0046
51120	ACETIC ACID	3.4021	20.4266	0.0000	0.0694	0.0694
51440	N-BUTYL ALCOHOL	0.1248	0.6808	0.0000	0.0002	0.0002
51470	GLYCOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51490	ISOBUTANOL	0.0411	0.2307	0.0000	0.0000	0.0000
51521	ETHYL HEXANOL 2	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51570	N-PROPANOL	0.3309	1.9739	0.0000	0.0021	0.0021
51620	ACETALDEHYDE	0.9672	5.3189	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0000	0.0021	0.0000	0.0000	0.0000
51660	BUTYRALDEHYDE	1.6936	2.1432	0.0000	0.0000	0.0000
51661	ISOBUTYRALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.3049	1.6970	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52630	PROPYL ACETATE	0.4717	2.5594	0.0000	0.0010	0.0010
52640	BUTYL ACETATE	0.1787	0.9811	0.0000	0.1699	0.1699
52641	ISOBUTYL ACETATE	0.0515	0.2879	0.0000	0.0000	0.0000
52680	ETHYL ACETATE	0.0220	0.1210	0.0000	0.0000	0.0000
52760	METHYL ACETATE	0.0678	0.3722	0.0000	0.0000	0.0000
52891	VINYL ACETATE	20.3268	114.2881	0.0000	0.0159	0.0159
55300	ETHYLENE	5.6490	31.6143	0.0000	0.3209	0.3209
56550	ETHANE	0.4996	2.8217	0.0000	0.0410	0.0410
56590	HEXENE	0.0146	0.0802	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56674	OCTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56725	N BUTANE	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)
56775	PROPANE	0.0032	0.0174	0.0000	0.0000	0.0000
59003	GASOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	0.0000	0.0000	0.0000	0.0000	0.0000
60000	METHANE	0.7590	3.6975	0.0000	0.0781	0.0781
70052	ARGON	0.0693	0.1423	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	4.5962	21.3439	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.9303	14.5816	0.0000	0.0000	0.0000
90100	CARBON DIOXIDE	0.7859	3.7762	0.0000	7.8655	7.8655
90300	CARBON MONOXIDE	25.3561	140.2802	0.0000	0.0000	0.0000

## HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.9672	5.3189	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0000	0.0021	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.3049	1.6970	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	20.3268	114.2881	0.0000	0.0159	0.0159
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		21.5989	121.3061	0.0000	0.0159	0.0159