



# 2023 CONTAMINANT SUMMARY REPORT

August 23, 2024

12:13 pm

**CN :** CN603921271

**Organization :** BRASKEM AMERICA INC

**RN :** RN106319379

**Account :** CBA004D

**Site :** SEADRIFT POLYPROPYLENE 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	0.5511	3.1816	0.0000	0.0004	0.0004
VOC	37.1909	203.7867	0.0000	0.0000	0.0000
CO	47.2085	258.6769	0.0000	0.0000	0.0000
NOX	5.1500	28.2193	0.0000	0.0000	0.0000
PM10	0.5511	3.1816	0.0000	0.0004	0.0004

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	0.0120	0.0662	0.0000	0.0000	0.0000
11256	POLYETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
11260	POLYPROPYLENE	0.5391	3.1154	0.0000	0.0004	0.0004
20000	PM10 PART-U	0.0120	0.0662	0.0000	0.0000	0.0000
21256	PM10 POLYETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
21260	PM10 POLYPROPYLENE	0.5391	3.1154	0.0000	0.0004	0.0004
39999	TOTAL PM2.5 PARTICULATE	0.5511	3.1816	0.0000	0.0004	0.0004
50001	VOC-UNCLASSIFIED	0.9726	5.3296	0.0000	0.0000	0.0000
51400	ALCOHOLS-U	0.6460	3.5396	0.0000	0.0000	0.0000
51530	METHANOL	0.0790	0.4336	0.0000	0.0000	0.0000
51590	TERT BUTYL ALCOHOL	0.0479	0.2623	0.0000	0.0000	0.0000
52420	BENZENE	0.0002	0.0013	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	0.0007	0.0038	0.0000	0.0000	0.0000
52490	TOLUENE	0.0004	0.0019	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	0.0012	0.0066	0.0000	0.0000	0.0000
53475	CHLORODIFLUOROMETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	4.6915	25.7069	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0032	0.0175	0.0000	0.0000	0.0000
55176	1-BUTENE	1.0480	5.7424	0.0000	0.0000	0.0000
55300	ETHYLENE	8.0555	44.1393	0.0000	0.0000	0.0000
55600	PROPYLENE	19.2806	105.6471	0.0000	0.0000	0.0000
56200	METHYLCYCLOPENTANE	0.0098	0.0537	0.0000	0.0000	0.0000
56526	DIMETHYL BUTANE 2,2	0.4683	2.5658	0.0000	0.0000	0.0000
56528	ISOHEXANE AKA 2-METHYLPENTANE	0.0539	0.2955	0.0000	0.0000	0.0000
56550	ETHANE	0.4801	2.6310	0.0000	0.0000	0.0000
56575	HEPTANE	0.0264	0.1447	0.0000	0.0000	0.0000
56590	HEXENE	0.2206	1.2089	0.0000	0.0000	0.0000
56600	HEXANE	0.0006	0.0031	0.0000	0.0000	0.0000
56674	OCTANE	0.3283	1.7987	0.0000	0.0000	0.0000
56680	DECANE	0.2473	1.3554	0.0000	0.0000	0.0000



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56681	DODECANE	0.2010	1.1014	0.0000	0.0000	0.0000
56683	UNDECANE	0.0001	0.0006	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.0662	0.3634	0.0000	0.0000	0.0000
56703	NONANE	0.6867	3.7625	0.0000	0.0000	0.0000
56725	N BUTANE	0.1832	1.0037	0.0000	0.0000	0.0000
56730	N-HEXANE	0.4885	2.6765	0.0000	0.0000	0.0000
56750	PENTANE	0.2680	1.4689	0.0000	0.0000	0.0000
56775	PROPANE	3.8062	20.8559	0.0000	0.0000	0.0000
58470	PHTHALIC ANHYDRIDE	0.0005	0.0030	0.0000	0.0000	0.0000
60000	METHANE	31.1681	170.7840	0.0000	0.0000	0.0000
70030	HYDROGEN	0.0000	0.0000	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0003	0.0017	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	5.1500	28.2193	0.0000	0.0000	0.0000
70403	NITROUS OXIDE	0.1851	1.0144	0.0000	0.0000	0.0000
80500	NITROGEN	0.0000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	47.2085	258.6769	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	0.0790	0.4336	0.0000	0.0000	0.0000
52420	BENZENE	0.0002	0.0013	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	0.0007	0.0038	0.0000	0.0000	0.0000
52490	TOLUENE	0.0004	0.0019	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	0.0012	0.0066	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0032	0.0175	0.0000	0.0000	0.0000
56600	HEXANE	0.0006	0.0031	0.0000	0.0000	0.0000
56730	N-HEXANE	0.4885	2.6765	0.0000	0.0000	0.0000
58470	PHTHALIC ANHYDRIDE	0.0005	0.0030	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0003	0.0017	0.0000	0.0000	0.0000
Total		0.5746	3.1490	0.0000	0.0000	0.0000