



# 2023 CONTAMINANT SUMMARY REPORT

July 30, 2024

4:38 pm

**CN :** CN601580566

**Organization :** NOURYON SURFACE CHEMISTRY LLC

**RN :** RN100219393

**Account :** FG0042L

**Site :** HOUSTON 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	0.7253	3.9733	0.0000	0.0000	0.0000
VOC	17.9509	96.4068	0.0000	0.4076	0.4076
CO	6.4002	35.0696	0.0000	0.0000	0.0000
NOX	2.9849	16.3552	0.0000	0.0000	0.0000
SO2	0.1482	0.8117	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	8.7144	48.3397	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	8.7144	48.3397	0.0000	0.0000	0.0000
11170	PHOSPHORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
13219	TALL OIL	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	8.7144	48.3397	0.0000	0.0000	0.0000
23219	PM10 TALL OIL	0.0000	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	0.7253	3.9733	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	14.1349	76.4165	0.0000	0.4076	0.4076
51120	ACETIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51240	STEARIC ACID	0.0017	0.0091	0.0000	0.0000	0.0000
51400	ALCOHOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51430	2- BUTOXYETHANOL	0.0019	0.0103	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51460	ETHANOL	0.0001	0.0004	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0008	0.0044	0.0000	0.0000	0.0000
51472	PROPYLENE GLYCOL	0.0004	0.0020	0.0000	0.0000	0.0000
51473	DIETHYLENE GLYCOL	0.0002	0.0010	0.0000	0.0000	0.0000
51479	DIPROPYLENE GLYCOL	0.0000	0.0002	0.0000	0.0000	0.0000
51490	ISOBUTANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.1860	0.1021	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
51535	CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
51537	CREOSOL ALL ISOMERS	0.0000	0.0000	0.0000	0.0000	0.0000
51539	M-CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
51549	PHENOLS-U	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51580	SEC BUTYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51590	TERT BUTYL ALCOHOL	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)
51660	BUTYRALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0001	0.0006	0.0000	0.0000	0.0000
52253	DIETHYLENE TRIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52282	TRIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52321	ISOPROPYLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52330	TRIETHYLAMINE	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
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.3767	2.0638	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
52639	BUTYL ETHER, N-	0.0000	0.0000	0.0000	0.0000	0.0000
52683	MONONONYLPHENOL	0.0008	0.0040	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
52842	BUTYL CELLOSOLVE	0.0000	0.0000	0.0000	0.0000	0.0000
55000	OLEFINS-U	0.0000	0.0000	0.0000	0.0000	0.0000
58410	VOC SURFACTANTS-U	2.9098	15.9438	0.0000	0.0000	0.0000
58440	ETHYLENE OXIDE	0.2093	1.1466	0.0000	0.0000	0.0000
58460	MALEIC ANHYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.1282	0.7020	0.0000	0.0000	0.0000
59000	VOC GAS MIXTURE-U	0.0000	0.0000	0.0000	0.0000	0.0000
59008	CASTOR OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	0.0000	0.0000	0.0000	0.0000	0.0000
59875	POLYETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	0.0000	0.0000	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	2.9849	16.3552	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.1482	0.8117	0.0000	0.0000	0.0000
70516	SULFURIC ACID VAPOR	0.0000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	6.4002	35.0696	0.0000	0.0000	0.0000



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## HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51471	ETHYLENE GLYCOL	0.0008	0.0044	0.0000	0.0000	0.0000
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51535	CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
51539	M-CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0001	0.0006	0.0000	0.0000	0.0000
52330	TRIETHYLAMINE	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	0.0000	0.0000	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.3767	2.0638	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
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
58440	ETHYLENE OXIDE	0.2093	1.1466	0.0000	0.0000	0.0000
58460	MALEIC ANHYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.1282	0.7020	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.7151	3.9174	0.0000	0.0000	0.0000