



# 2023 CONTAMINANT SUMMARY REPORT

September 05, 2024

9:00 pm

**CN :** CN600124051

**Organization :** MOTIVA ENTERPRISES LLC

**RN :** RN100238898

**Account :** JE0094F

**Site :** PORT ARTHUR TERMINAL

**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	0.0027	0.1003	0.0000	0.0000	0.0000
VOC	32.0384	224.4824	0.0000	0.0004	0.0004
CO	3.6776	15.7642	0.0000	0.0000	0.0000
NOX	1.8556	8.5981	0.0000	0.0000	0.0000
SO2	0.0634	0.4499	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	0.0027	0.1003	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	0.0027	0.1003	0.0000	0.0000	0.0000
11895	THIRAM	0.0000	0.0000	0.0000	0.0000	0.0000
14010	ALUMINUM - AL	0.0000	0.0000	0.0000	0.0000	0.0000
14023	ANTIMONY AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14194	COPPER COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14780	ZINC-ZN	0.0000	0.0000	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	0.0027	0.1003	0.0000	0.0000	0.0000
24010	PM10 ALUMINUM - AL	0.0000	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	0.0027	0.1003	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	0.5112	2.7723	0.0000	0.0004	0.0004
51120	ACETIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51405	BENZYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51415	DIACETONE ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51430	2- BUTOXYETHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0000	0.0000	0.0000	0.0000	0.0000
51460	ETHANOL	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
51510	ISOPROPANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0073	0.0469	0.0000	0.0000	0.0000
51535	CRESOL	0.0027	0.0237	0.0000	0.0000	0.0000
51539	M-CRESOL	0.0014	0.0118	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
52259	PETROLEUM DISTILLATES	0.0000	0.0000	0.0000	0.0000	0.0000
52335	TRIETHYLENETETRAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52400	AROMATICS-U	0.0000	0.0000	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.4591	3.1337	0.0000	0.0000	0.0000



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52417	TRIMETHYL BENZENE, 1,2,3-	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0994	0.9587	0.0000	0.0000	0.0000
52428	TRIMETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0371	0.3204	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.2373	1.9119	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0363	0.3044	0.0000	0.0000	0.0000
52471	ETHYL 3-ETHYOXYPROPRIONATE	0.0000	0.0000	0.0000	0.0000	0.0000
52474	BISPHENOL-A	0.0000	0.0000	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0046	0.0296	0.0000	0.0000	0.0000
52480	STYRENE	0.0001	0.0003	0.0000	0.0000	0.0000
52490	TOLUENE	1.0160	8.1056	0.0000	0.0000	0.0000
52506	2,4-TOLUENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.4555	3.4102	0.0000	0.0000	0.0000
52512	META-XYLENE	0.4451	4.0026	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52642	TERT-BUTYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52690	ETHOXYLATED NONYLPHENOL,BRANCHED	0.0000	0.0000	0.0000	0.0000	0.0000
52701	ETHYL-B-ETHOXYPROPIONATE	0.0000	0.0000	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52833	DIPROPYLENE GLYCOL METHYL ETHER ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52834	PROPYLENE GLYCOL MONOMETHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52835	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
53230	1,1-DICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
54040	CYCLOHEXANONE	0.0000	0.0000	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54072	HEPTANONE 2	0.0000	0.0000	0.0000	0.0000	0.0000
54073	METHYL ISOAMYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
55000	OLEFINS-U	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
55175	BUTENE	0.0000	0.0000	0.0000	0.0000	0.0000
55176	1-BUTENE	0.0000	0.0000	0.0000	0.0000	0.0000
55178	ISOBUTENE	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)
55300	ETHYLENE	0.0131	0.0986	0.0000	0.0000	0.0000
55320	HEPTENES MIXED ISOMERS	0.0000	0.0000	0.0000	0.0000	0.0000
55400	ISOBUTYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
55475	BUTENE 2-METHYL-2	0.0000	0.0000	0.0000	0.0000	0.0000
55476	BUTENE 2-METHYL-1	0.0000	0.0000	0.0000	0.0000	0.0000
55477	BUTENE 3-METHYL-1	0.0000	0.0000	0.0000	0.0000	0.0000
55525	PENTENE 1	0.0000	0.0000	0.0000	0.0000	0.0000
55526	PENTENE 2	0.0000	0.0000	0.0000	0.0000	0.0000
55600	PROPYLENE	0.0200	0.1319	0.0000	0.0000	0.0000
56001	PARAFFINS CYCLIC-U	0.0000	0.0000	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0103	0.0763	0.0000	0.0000	0.0000
56100	CYCLOPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56150	METHYLCYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56200	METHYLCYCLOPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56500	PARAFFIN LINEAR-U	0.0000	0.0000	0.0000	0.0000	0.0000
56524	2,3-DIMETHYLBUTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56525	DIMETHYLHEPTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56526	DIMETHYL BUTANE 2,2	0.0000	0.0000	0.0000	0.0000	0.0000
56527	NEOPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56528	ISOHEXANE AKA 2-METHYLPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56550	ETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
56575	HEPTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56590	HEXENE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.5337	3.5167	0.0000	0.0000	0.0000
56601	METHYL PENTANE 3	0.0000	0.0000	0.0000	0.0000	0.0000
56610	2,2,4-TRIMETHYLPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56625	ISOBUTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56650	ISOHEPTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56651	METHYLHEXANE, 3-	0.0000	0.0000	0.0000	0.0000	0.0000
56674	OCTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56675	ISO OCTANE	0.0251	0.2133	0.0000	0.0000	0.0000
56680	DECANE	0.0000	0.0000	0.0000	0.0000	0.0000
56681	DODECANE	0.0000	0.0000	0.0000	0.0000	0.0000
56683	UNDECANE	0.0000	0.0000	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56701	ISOAMYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
56703	NONANE	0.0000	0.0000	0.0000	0.0000	0.0000
56725	N BUTANE	0.3859	2.4372	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)
56730	N-HEXANE	1.0371	8.8185	0.0000	0.0000	0.0000
56750	PENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56751	2,2,4- TRIMETHYLPENTANE	0.0833	0.6757	0.0000	0.0000	0.0000
56752	N-PENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56775	PROPANE	0.0047	0.0313	0.0000	0.0000	0.0000
56780	1-PHENYLPROPANE	0.0000	0.0000	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58712	ETHYLTOLUENE,M-	0.0000	0.0000	0.0000	0.0000	0.0000
58805	ETHYL SILICATE	0.0000	0.0000	0.0000	0.0000	0.0000
58999	AROMATIC PETROLEUM DISTILLATE LIGHT	0.0000	0.0000	0.0000	0.0000	0.0000
59002	DISTILLATE	0.0000	0.0000	0.0000	0.0000	0.0000
59003	GASOLINE	10.8359	61.5328	0.0000	0.0000	0.0000
59005	KEROSENE	0.0000	0.0000	0.0000	0.0000	0.0000
59007	LUBRICATING OIL	0.0017	0.0156	0.0000	0.0000	0.0000
59009	PETROLEUM DISTILLATE	0.0003	0.0021	0.0000	0.0000	0.0000
59010	ALKYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
59011	PETROLEUM NAPHTHA	1.8127	13.0707	0.0000	0.0000	0.0000
59070	COKER FEED	0.0052	0.0185	0.0000	0.0000	0.0000
59150	DIESEL	12.4617	102.4422	0.0000	0.0000	0.0000
59200	FUEL OIL-U	0.0000	0.0000	0.0000	0.0000	0.0000
59230	RESIDUAL FUEL OIL	0.0000	0.0000	0.0000	0.0000	0.0000
59250	GAS OIL	1.4946	6.3689	0.0000	0.0000	0.0000
59275	MINERAL SPIRITS	0.0000	0.0000	0.0000	0.0000	0.0000
59300	NAPHTHA	0.0000	0.0000	0.0000	0.0000	0.0000
59305	NAPHTHA, PETROLEUM, HYDRO TREAT LT	0.0000	0.0000	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0000	0.0000	0.0000	0.0000	0.0000
70300	HYDROGEN SULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	1.8556	8.5981	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.0634	0.4499	0.0000	0.0000	0.0000
90100	CARBON DIOXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	3.6776	15.7642	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)
14023	ANTIMONY AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0073	0.0469	0.0000	0.0000	0.0000
51535	CRESOL	0.0027	0.0237	0.0000	0.0000	0.0000
51539	M-CRESOL	0.0014	0.0118	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0994	0.9587	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0371	0.3204	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.2373	1.9119	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0363	0.3044	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0046	0.0296	0.0000	0.0000	0.0000
52480	STYRENE	0.0001	0.0003	0.0000	0.0000	0.0000
52490	TOLUENE	1.0160	8.1056	0.0000	0.0000	0.0000
52506	2,4-TOLUENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.4555	3.4102	0.0000	0.0000	0.0000
52512	META-XYLENE	0.4451	4.0026	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
53230	1,1-DICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.5337	3.5167	0.0000	0.0000	0.0000
56610	2,2,4-TRIMETHYLPENTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	1.0371	8.8185	0.0000	0.0000	0.0000
56751	2,2,4- TRIMETHYLPENTANE	0.0833	0.6757	0.0000	0.0000	0.0000
58243	HEXAMETHYLENE DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		3.9969	32.1370	0.0000	0.0000	0.0000