



# 2023 CONTAMINANT SUMMARY REPORT

September 19, 2024

1:11 pm

**CN :** CN605982537

**Organization :** WESTLAKE EPOXY INC

**RN :** RN102590775

**Account :** HX2786H

**Site :** DEER PARK

**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	20.0634	109.9356	0.0000	0.0001	0.0001
VOC	49.9319	272.8699	0.4474	0.7157	1.1631
CO	9.6978	53.1387	0.0000	0.0000	0.0000
NOX	1.1311	0.0031	0.0000	0.0000	0.0000
SO2	9.2640	50.7617	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	20.0634	109.9356	0.0000	0.0001	0.0001

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	18.1020	99.1895	0.0000	0.0000	0.0000
11000	PART - CHEMICAL-U	0.0000	0.0000	0.0000	0.0000	0.0000
11170	PHOSPHORIC ACID	0.0929	0.5088	0.0000	0.0000	0.0000
11175	SULFURIC ACID	0.0018	0.0101	0.0000	0.0000	0.0000
11900	PART.AROMATIC-U	1.1149	6.1079	0.0000	0.0000	0.0000
12912	PART-EPOXY RESIN	0.5837	3.1984	0.0000	0.0001	0.0001
14330	LITHIUM HYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
14622	SODIUM CARBONATE-NA2CO3	0.0000	0.0000	0.0000	0.0000	0.0000
14630	SODIUM HYDROXIDE, NAOH	0.1217	0.6665	0.0000	0.0000	0.0000
14784	ZINC OXIDE-ZNO	0.0000	0.0000	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	0.0464	0.2544	0.0000	0.0000	0.0000
20000	PM10 PART-U	18.1020	99.1895	0.0000	0.0000	0.0000
21000	PM10 PART - CHEMICAL-U	0.0000	0.0000	0.0000	0.0000	0.0000
21170	PM10 PHOSPORIC ACID	0.0929	0.5088	0.0000	0.0000	0.0000
21175	PM10 SULFURIC ACID	0.0018	0.0101	0.0000	0.0000	0.0000
21900	PM10 PART AROMATIC-U	1.1149	6.1079	0.0000	0.0000	0.0000
22912	PM10 EPOXY RESIN	0.5837	3.1984	0.0000	0.0001	0.0001
24330	PM10 LITHIUM HYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
24630	PM10 SODIUM HYDROXIDE, NAOH	0.1217	0.6665	0.0000	0.0000	0.0000
24784	PM10 ZINC OXIDE-ZNO	0.0000	0.0000	0.0000	0.0000	0.0000
24785	PM10 ZINC COMPOUNDS	0.0464	0.2544	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	20.0634	109.9356	0.0000	0.0001	0.0001
50001	VOC-UNCLASSIFIED	1.7403	9.5324	0.0020	0.0000	0.0020
51120	ACETIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51141	METHACRYLIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51200	MALEIC ACID	0.0001	0.0001	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0521	0.2855	0.0014	0.0000	0.0014
51471	ETHYLENE GLYCOL	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)
51510	ISOPROPANOL	1.0391	5.6651	0.0153	0.3736	0.3889
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	14.4540	79.1933	0.0744	0.0096	0.0840
51572	DICHLORO 1,3 PROPANOL 3	0.0104	0.0300	0.0000	0.0000	0.0000
51576	EPOXY 1,2 PROPANOL 3	0.0253	0.1386	0.0004	0.0000	0.0004
51640	ACROLEIN	0.0000	0.0000	0.0000	0.0000	0.0000
52443	PENTAFLUOROETHANE	0.0000	0.0000	0.0000	0.0052	0.0052
52450	ETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52474	BISPHENOL-A	4.4319	24.2821	0.0303	0.0088	0.0391
52480	STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52800	ETHERS-U	0.0493	0.2703	0.0014	0.0000	0.0014
52805	N-BUTYL GLYCIDAL ETHER	0.2789	1.5229	0.0053	0.0000	0.0053
52834	PROPYLENE GLYCOL MONOMETHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52871	DICHLOROPROPENE,2,3-	0.0000	0.0000	0.0000	0.0000	0.0000
52910	EPICHLOROHYDRIN	3.7898	20.7590	0.0543	0.3138	0.3681
52911	HALOGENATED ALKYLEPOXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
52912	EPOXY RESIN	8.9642	48.1150	0.1914	0.0009	0.1923
52920	ISOPROPYL ETHER	5.0362	27.9924	0.0248	0.0001	0.0249
52921	ISOPROPYL GLYCIDYL ETHER	0.2097	1.1490	0.0032	0.0000	0.0032
52951	PHENYL GLYCIDYL ETHER	0.0050	0.0274	0.0000	0.0000	0.0000
53104	1,1,1,2-TETRAFLUOROETHANE	0.0000	0.0000	0.0000	0.0032	0.0032
53301	DIFLUOROMETHANE	0.0000	0.0000	0.0000	0.0336	0.0336
53325	1,3 - DICHLOROPROPYLENE	0.0064	0.0348	0.0000	0.0000	0.0000
53329	CHLOROPROPANE 2	0.0000	0.0000	0.0000	0.0000	0.0000
53330	PROPYLENE DICHLORIDE	0.0005	0.0027	0.0000	0.0000	0.0000
53335	N-PROPYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53340	TRICHLOROPROPANE	0.0009	0.0039	0.0000	0.0000	0.0000
53475	CHLORODIFLUOROMETHANE	0.0000	0.0000	0.0000	0.0590	0.0590
54020	ACETONE	0.7879	4.2033	0.0025	0.0005	0.0030
54059	MESITYL OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
55100	CHLOROPROPENE 3	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	0.8035	4.4027	0.0000	0.0000	0.0000
56600	HEXANE	0.0093	0.0509	0.0000	0.0000	0.0000



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56625	ISOBUTANE	0.0146	0.0801	0.0000	0.0000	0.0000
56700	ISO PENTANE	0.0327	0.1786	0.0000	0.0000	0.0000
56725	N BUTANE	0.0148	0.0810	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0071	0.0391	0.0000	0.0000	0.0000
56750	PENTANE	6.6912	36.6955	0.0260	0.0036	0.0296
56752	N-PENTANE	0.0154	0.0424	0.0000	0.0000	0.0000
56775	PROPANE	0.0734	0.4024	0.0000	0.0000	0.0000
58675	DIMETHYLDISULFIDE	0.0289	0.1584	0.0000	0.0000	0.0000
58725	METHYL MERCAPTAN	2.9411	16.0867	0.0172	0.0007	0.0179
58799	DIMETHYL SULFIDE	0.0087	0.0474	0.0000	0.0000	0.0000
59003	GASOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
59007	LUBRICATING OIL	0.0006	0.0029	0.0000	0.0035	0.0035
59150	DIESEL	0.0000	0.0000	0.0000	0.0011	0.0011
60000	METHANE	12.7430	69.8244	0.0000	0.0000	0.0000
70110	CHLORINE	0.0066	0.0364	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	1.1311	0.0031	0.0000	0.0000	0.0000
70403	NITROUS OXIDE	0.1373	0.7523	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	9.2640	50.7617	0.0000	0.0000	0.0000
90100	CARBON DIOXIDE	4585.5837	25126.4863	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	9.6978	53.1387	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	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	14.4540	79.1933	0.0744	0.0096	0.0840
51640	ACROLEIN	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0000	0.0000	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52910	EPICHLOROHYDRIN	3.7898	20.7590	0.0543	0.3138	0.3681
53325	1,3 - DICHLOROPROPYLENE	0.0064	0.0348	0.0000	0.0000	0.0000
53330	PROPYLENE DICHLORIDE	0.0005	0.0027	0.0000	0.0000	0.0000
55100	CHLOROPROPENE 3	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0093	0.0509	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0071	0.0391	0.0000	0.0000	0.0000
70110	CHLORINE	0.0066	0.0364	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		18.2737	100.1162	0.1287	0.3234	0.4521