



2023 CONTAMINANT SUMMARY REPORT

September 18, 2024

12:35 pm

CN : CN605910686

Organization : QARBON AEROSPACE FOUNDATION LLC

RN : RN106387392

Account : EDA007G

Site : RED OAK FACILITY

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	0.1199	0.0856	0.0000	0.0000	0.0000
VOC	9.0408	73.0204	0.0000	0.0000	0.0000
CO	1.3242	0.9447	0.0000	0.0000	0.0000
NOX	1.5764	1.1245	0.0000	0.0000	0.0000
SO2	0.0094	0.0069	0.0000	0.0000	0.0000
PM10	0.1199	0.0856	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	0.1211	0.0953	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0055	0.1122	0.0000	0.0000	0.0000
14354	MANGANESE DIOXIDE-MNO2	0.0000	0.0000	0.0000	0.0000	0.0000
14653	STRONTIUM CHROMATE 1-1	0.3434	2.6031	0.0000	0.0000	0.0000
20000	PM10 PART-U	0.1199	0.0856	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	0.1199	0.0856	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	4.3869	34.0861	0.0000	0.0000	0.0000
51129	1-PROPANOL, 2-METHOXY-ACETATE	0.0349	0.2945	0.0000	0.0000	0.0000
51405	BENZYL ALCOHOL	0.0051	0.0000	0.0000	0.0000	0.0000
51430	2- BUTOXYETHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51472	PROPYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPNOL	1.0172	8.2247	0.0000	0.0000	0.0000
51530	METHANOL	0.0355	0.2925	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0001	0.0000	0.0000	0.0000	0.0000
52216	ALIPHATIC AMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52253	DIETHYLENE TRIAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52280	ETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52350	P-PHENYLENEDIAMINE	0.0001	0.0007	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52428	TRIMETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0001	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0050	0.0412	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0086	0.0711	0.0000	0.0000	0.0000
52484	VINYL TOLUENE	0.0000	0.0000	0.0000	0.0000	0.0000
52487	TERPHENYLS	0.0000	0.0000	0.0000	0.0000	0.0000



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52490	TOLUENE	0.0238	0.2031	0.0000	0.0000	0.0000
52506	2,4-TOLUENE DIISOCYANATE	0.0002	0.0016	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0163	0.1310	0.0000	0.0000	0.0000
52520	METHYLENE DIPHENYLISOCYANATE	0.0024	0.0000	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52680	ETHYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52699	ETHYL 2-CYANOACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52700	ETHYL ACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52834	PROPYLENE GLYCOL MONOMETHYL ETHER	0.0021	0.0187	0.0000	0.0000	0.0000
52836	PROPYLENE GLYCOL PHENYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52844	BUTYL CELLOSOLVE ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52879	DIMETHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0013	0.0000	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	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	0.0991	0.8906	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0559	0.4509	0.0000	0.0000	0.0000
54076	METHYL PROPYL KETONE	1.9194	16.6510	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56150	METHYLCYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56575	HEPTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56625	ISOBUTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56674	OCTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56775	PROPANE	1.3122	10.8190	0.0000	0.0000	0.0000
58051	TETRAETHYLENEPENTAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
58224	DIMETHYL ACETAMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58242	DIPHENYLMETHANE-4, 4- DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58460	MALEIC ANHYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
59011	PETROLEUM NAPHTHA	0.0000	0.0000	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
59303	NAPHTHOL SPIRITS	0.1126	0.8269	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0000	0.0000	0.0000	0.0000	0.0000
59850	1-HEXAMETHYLENE, 6-DIISOCYANATE	0.0020	0.0168	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	1.5764	1.1245	0.0000	0.0000	0.0000



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70510	SULFUR DIOXIDE	0.0094	0.0069	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	1.3242	0.9447	0.0000	0.0000	0.0000

HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
14164	CHROMIUM AND COMPOUNDS	0.0055	0.1122	0.0000	0.0000	0.0000
14354	MANGANESE DIOXIDE-MNO2	0.0000	0.0000	0.0000	0.0000	0.0000
14653	STRONTIUM CHROMATE 1-1	0.3434	2.6031	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0355	0.2925	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0001	0.0000	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52350	P-PHENYLENEDIAMINE	0.0001	0.0007	0.0000	0.0000	0.0000
52420	BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0001	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0050	0.0412	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0086	0.0711	0.0000	0.0000	0.0000
52487	TERPHENYLS	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.0238	0.2031	0.0000	0.0000	0.0000
52506	2,4-TOLUENE DIISOCYANATE	0.0002	0.0016	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0163	0.1310	0.0000	0.0000	0.0000
52700	ETHYL ACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52844	BUTYL CELLOSOLVE ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0013	0.0000	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0559	0.4509	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
58242	DIPHENYLMETHANE-4, 4- DIISOCYANATE	0.0000	0.0000	0.0000	0.0000	0.0000
58460	MALEIC ANHYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
59850	1-HEXAMETHYLENE, 6-DIISOCYANATE	0.0020	0.0168	0.0000	0.0000	0.0000
	Total	0.4978	3.9242	0.0000	0.0000	0.0000