



2023 CONTAMINANT SUMMARY REPORT

May 08, 2024

12:16 pm

CN : CN605490564

Organization : MONUMENT CHEMICAL HOUSTON LLC

RN : RN100219237

Account : HG0319D

Site : HOUSTON

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	4.4116	23.2502	0.0000	0.0000	0.0000
VOC	37.0650	206.6149	0.0000	0.0080	0.0080
CO	74.4437	401.2207	0.0000	0.0000	0.0000
NOX	21.1847	110.0183	0.0000	0.0000	0.0000
SO2	0.0556	0.2937	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	4.4116	23.2502	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	4.4116	23.2502	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
14660	SULFUR-S	0.0002	0.0060	0.0000	0.0000	0.0000
20000	PM10 PART-U	4.4116	23.2502	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	4.4116	23.2502	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	11.8257	59.4382	0.0000	0.0045	0.0045
51100	ORGANIC ACID-U	0.2772	1.5397	0.0000	0.0000	0.0000
51120	ACETIC ACID	0.5628	3.8011	0.0000	0.0000	0.0000
51400	ALCOHOLS-U	1.8447	8.4685	0.0000	0.0035	0.0035
51410	ALLYL ALCOHOL	0.0000	0.0006	0.0000	0.0000	0.0000
51415	DIACETONE ALCOHOL	1.0414	5.7980	0.0000	0.0000	0.0000
51421	FATTY ALCOHOLS	0.1010	0.7181	0.0000	0.0000	0.0000
51430	2- BUTOXYETHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0018	0.0001	0.0000	0.0000	0.0000
51450	CYCLOHEXANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51452	CARBITOL CELLOSOLVE	0.0000	0.0000	0.0000	0.0000	0.0000
51460	ETHANOL	1.2691	7.4661	0.0000	0.0000	0.0000
51468	METHOXYETHANOL, 2-	0.0001	0.0011	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	0.9969	4.6011	0.0000	0.0000	0.0000
51483	TETRAETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51488	PROPYLENE GLYCOL T-BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
51510	ISOPROPANOL	4.3293	23.5988	0.0000	0.0000	0.0000
51530	METHANOL	0.0046	0.0317	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	0.7609	2.2731	0.0000	0.0000	0.0000
51660	BUTYRALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000



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51661	ISOBUTYRALDEHYDE	1.6223	10.3850	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51810	ALKANES-U	0.0660	0.3196	0.0000	0.0000	0.0000
52200	AMINES-U	0.0233	0.3061	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52400	AROMATICS-U	0.0654	0.5098	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0000	0.0027	0.0000	0.0000	0.0000
52420	BENZENE	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	0.0127	0.1517	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0000	0.0000	0.0000	0.0000	0.0000
52476	METHYL NAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	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
52600	ESTERS-U	1.9968	15.5251	0.0000	0.0000	0.0000
52630	PROPYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
52642	TERT-BUTYL ACETATE	0.6196	0.6521	0.0000	0.0000	0.0000
52700	ETHYL ACRYLATE	0.0939	0.3953	0.0000	0.0000	0.0000
52800	ETHERS-U	0.3431	1.9798	0.0000	0.0000	0.0000
52810	ETHYL METHYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	2.4446	16.0563	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0000	0.0000	0.0000	0.0000	0.0000
52833	DIPROPYLENE GLYCOL METHYL ETHER ACETATE	0.1037	0.5186	0.0000	0.0000	0.0000
52834	PROPYLENE GLYCOL MONOMETHYL ETHER	0.8147	4.3728	0.0000	0.0000	0.0000
52835	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.1737	0.9690	0.0000	0.0000	0.0000
52844	BUTYL CELLOSOLVE ACETATE	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
52890	DIOXANE 1,4	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	1.2928	5.7939	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54000	KETONES-U	0.1367	1.0701	0.0000	0.0000	0.0000
54012	CYCLODODECANONE	0.0000	0.0000	0.0000	0.0000	0.0000
54020	ACETONE	6.7665	34.7432	0.0000	0.0000	0.0000
54058	N-METHYL-2-PYRROLIDONE	0.0000	0.0000	0.0000	0.0000	0.0000
54059	MESITYL OXIDE	1.8862	8.6362	0.0000	0.0000	0.0000



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54065	METHYL ETHYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	1.0515	5.8216	0.0000	0.0000	0.0000
54200	ISOPHORONE	0.0316	0.3810	0.0000	0.0000	0.0000
55000	OLEFINS-U	0.3738	6.5853	0.0000	0.0000	0.0000
55220	CYCLOPENTADIENE	0.0000	0.0000	0.0000	0.0000	0.0000
55225	DICYCLOPENTADIENE	0.0774	0.9111	0.0000	0.0000	0.0000
55300	ETHYLENE	0.3089	1.6926	0.0000	0.0000	0.0000
55400	ISOBUTYLENE	0.8638	4.3246	0.0000	0.0000	0.0000
55600	PROPYLENE	0.2614	1.4325	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0001	0.0001	0.0000	0.0000	0.0000
56528	ISOHEXANE AKA 2-METHYLPENTANE	0.0013	0.4603	0.0000	0.0000	0.0000
56590	HEXENE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	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
56675	ISO OCTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0025	0.0069	0.0000	0.0000	0.0000
58210	ACETONITRILE	0.0000	0.0000	0.0000	0.0000	0.0000
58233	ISOBUTYRIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
58750	SULFIDES-U	0.0013	0.2707	0.0000	0.0000	0.0000
59003	GASOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
59005	KEROSENE	0.0000	0.0000	0.0000	0.0000	0.0000
59010	ALKYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
59150	DIESEL	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
60000	METHANE	1.3342	7.0312	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	21.1847	110.0183	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.0556	0.2937	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	74.4437	401.2207	0.0000	0.0000	0.0000



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11160	HYDROCHLORIC ACID	0.0000	0.0000	0.0000	0.0000	0.0000
51452	CARBITOL CELLOSOLVE	0.0000	0.0000	0.0000	0.0000	0.0000
51468	METHOXYETHANOL, 2-	0.0001	0.0011	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0046	0.0317	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52252	DIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	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	0.0127	0.1517	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0000	0.0000	0.0000	0.0000	0.0000
52476	METHYL NAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	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
52700	ETHYL ACRYLATE	0.0939	0.3953	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	2.4446	16.0563	0.0000	0.0000	0.0000
52830	GLYCOL ETHERS CELLOSOLVES	0.0000	0.0000	0.0000	0.0000	0.0000
52844	BUTYL CELLOSOLVE ACETATE	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
52890	DIOXANE 1,4	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	1.2928	5.7939	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	1.0515	5.8216	0.0000	0.0000	0.0000
54200	ISOPHORONE	0.0316	0.3810	0.0000	0.0000	0.0000
56600	HEXANE	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
56730	N-HEXANE	0.0025	0.0069	0.0000	0.0000	0.0000
58210	ACETONITRILE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		4.9343	28.6395	0.0000	0.0000	0.0000