



2023 CONTAMINANT SUMMARY REPORT

June 17, 2024

2:37 pm

CN : CN600126163

Organization : GULF COAST AUTHORITY

RN : RN100219211

Account : HG02500

Site : BAYPORT 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	0.4482	2.5378	0.0000	0.0000	0.0000
VOC	25.0764	144.1604	0.0000	1.2415	1.2415
CO	4.9488	27.9624	0.0000	0.0000	0.0000
NOX	6.1738	34.8328	0.0000	0.0000	0.0000
SO2	0.0417	0.2742	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	0.7123	5.6775	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	1.3574	13.3474	0.0000	0.0000	0.0000
20000	PM10 PART-U	0.7123	5.6775	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	0.4482	2.5378	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	1.1320	6.2239	0.0000	0.6041	0.6041
50002	POLYCYCLIC ORGANIC MATTER	1.3051	7.6227	0.0000	0.0000	0.0000
51100	ORGANIC ACID-U	0.0044	0.0282	0.0000	0.0000	0.0000
51120	ACETIC ACID	0.0520	0.2734	0.0000	0.0000	0.0000
51121	ACETATE-U	0.0140	0.0824	0.0000	0.0000	0.0000
51135	BUTYRIC ACID	1.6852	6.1654	0.0000	0.0479	0.0479
51140	ACRYLIC ACID	0.2529	0.8747	0.0000	0.0000	0.0000
51180	FORMIC ACID	0.0157	0.0912	0.0000	0.0058	0.0058
51220	PROPIONIC ACID	0.0647	0.1963	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.4316	5.6473	0.0000	0.0000	0.0000
51459	DIMETHYLAMINOETHANOL	0.0000	0.0001	0.0000	0.0000	0.0000
51460	ETHANOL	0.0460	0.3251	0.0000	0.0012	0.0012
51470	GLYCOLS-U	0.0000	0.0005	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.5523	2.9591	0.0000	0.0000	0.0000
51472	PROPYLENE GLYCOL	0.0523	0.2664	0.0000	0.0000	0.0000
51473	DIETHYLENE GLYCOL	0.0000	0.0004	0.0000	0.0000	0.0000
51479	DIPROPYLENE GLYCOL	0.0001	0.0013	0.0000	0.0000	0.0000
51510	ISOPROPANOL	4.3584	28.5514	0.0000	0.0281	0.0281
51521	ETHYL HEXANOL 2	0.0281	0.1969	0.0000	0.0011	0.0011
51530	METHANOL	0.0601	0.4846	0.0000	0.0311	0.0311
51590	TERT BUTYL ALCOHOL	1.2514	8.3799	0.0000	0.0388	0.0388
51620	ACETALDEHYDE	0.3091	1.7080	0.0000	0.0161	0.0161
51680	FORMALDEHYDE	0.0044	0.0357	0.0000	0.0000	0.0000
51700	FURFURAL	0.0002	0.0020	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.0018	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)
51810	ALKANES-U	0.5362	2.0701	0.0000	0.0000	0.0000
52295	DIMETHYL GLUTARATE	0.1272	0.7410	0.0000	0.0000	0.0000
52400	AROMATICS-U	0.3970	2.8380	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	1.6794	9.2597	0.0000	0.0789	0.0789
52420	BENZENE	0.0243	0.0469	0.0000	0.0000	0.0000
52427	1,2,4 -TRICHLOROBENZENE	0.0010	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.2764	1.4340	0.0000	0.0070	0.0070
52450	ETHYL BENZENE	0.0186	0.1031	0.0000	0.0014	0.0014
52460	NAPHTHALENE	0.0041	0.0149	0.0000	0.0013	0.0013
52480	STYRENE	0.1116	0.3992	0.0000	0.0000	0.0000
52490	TOLUENE	0.1757	1.0121	0.0000	0.0384	0.0384
52498	P-TERT-BUTYLTOLUENE	0.0068	0.0384	0.0000	0.0000	0.0000
52508	TOLUENEDIISOCYANATE MIXED ISOMERS	0.0112	0.0660	0.0000	0.0000	0.0000
52512	META-XYLENE	0.3820	2.2582	0.0000	0.0123	0.0123
52514	ORTHO-XYLENE	0.6729	3.3977	0.0000	0.0051	0.0051
52516	PARA-XYLENE	0.3708	2.1825	0.0000	0.0085	0.0085
52600	ESTERS-U	0.0640	0.3669	0.0000	0.0000	0.0000
52620	AMYL ACETATE	0.0075	0.0436	0.0000	0.0000	0.0000
52630	PROPYL ACETATE	0.0104	0.0013	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	0.0159	0.0237	0.0000	0.0000	0.0000
52660	BUTYL ACRYLATE	0.0013	0.0158	0.0000	0.0000	0.0000
52680	ETHYL ACETATE	0.0000	0.0008	0.0000	0.0000	0.0000
52683	MONONONYLPHENOL	0.0004	0.0031	0.0000	0.0000	0.0000
52700	ETHYL ACRYLATE	0.0015	0.0038	0.0000	0.0000	0.0000
52706	BIS 2-ETHYLHEXYL PHTHALATE DEHP	0.0002	0.0000	0.0000	0.0000	0.0000
52760	METHYL ACETATE	0.9751	3.5206	0.0000	0.0213	0.0213
52770	METHYL ACRYLATE	0.1106	0.2441	0.0000	0.0000	0.0000
52772	BUTYL METHACRYLATE	0.0000	0.0005	0.0000	0.0000	0.0000
52774	ISOBUTYL METHACRYLATE	0.0000	0.0005	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0000	0.0014	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	0.0027	0.0050	0.0000	0.0000	0.0000
52833	DIPROPYLENE GLYCOL METHYL ETHER ACETATE	0.0004	0.0041	0.0000	0.0000	0.0000
52835	DIPROPYLENE GLYCOL MONOMETHYL ETHER	0.0001	0.0013	0.0000	0.0000	0.0000
52844	BUTYL CELLOSOLVE ACETATE	0.0076	0.0000	0.0000	0.0000	0.0000
52879	DIMETHYL ETHER	4.6593	26.4855	0.0000	0.0000	0.0000
52880	DIETHYL ETHER	0.0054	0.0118	0.0000	0.0000	0.0000
52883	DICHLOROETHYL ETHER	0.0010	0.0162	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)
52890	DIOXANE 1,4	0.0051	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0025	0.0008	0.0000	0.0000	0.0000
52910	EPICHLOROHYDRIN	0.0009	0.0054	0.0000	0.0000	0.0000
53015	DICHLOROBROMOMETHANE	0.0075	0.0000	0.0000	0.0000	0.0000
53125	METHYL BROMIDE	0.1166	0.2613	0.0000	0.0000	0.0000
53126	BROMOFORM	0.0007	0.0000	0.0000	0.0000	0.0000
53200	CHLORINATED HYDROCARBONS-U	0.0612	0.0119	0.0000	0.0000	0.0000
53220	CHLOROFORM	0.0460	0.1668	0.0000	0.0029	0.0029
53250	METHYLENE CHLORIDE	0.4719	2.5858	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0021	0.0269	0.0000	0.0000	0.0000
53291	1,1,2-TRICHLOROETHANE	0.0005	0.0144	0.0000	0.0000	0.0000
53320	PHOSGENE	0.0005	0.0043	0.0000	0.0000	0.0000
53575	METHYL IODIDE	0.4084	1.7063	0.0000	0.0474	0.0474
53600	ORGANO PEROXIDES-U	0.0006	0.0012	0.0000	0.0000	0.0000
53620	BENZOYL PEROXIDE	0.0000	0.0002	0.0000	0.0000	0.0000
53630	MEK PEROXIDE	0.0048	0.0297	0.0000	0.0000	0.0000
54020	ACETONE	0.0871	0.3726	0.0000	0.0071	0.0071
54059	MESITYL OXIDE	0.0038	0.0258	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0754	0.3234	0.0000	0.0035	0.0035
54070	METHYL ISOBUTYL KETONE	0.0177	0.0038	0.0000	0.0000	0.0000
55178	ISOBUTENE	0.2552	0.8927	0.0000	0.0000	0.0000
55220	CYCLOPENTADIENE	0.0025	0.0127	0.0000	0.0000	0.0000
55300	ETHYLENE	0.0108	0.0597	0.0000	0.0000	0.0000
55600	PROPYLENE	0.2757	1.5472	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0535	0.2118	0.0000	0.0000	0.0000
56150	METHYLCYCLOHEXANE	0.0005	0.0028	0.0000	0.0000	0.0000
56575	HEPTANE	0.0153	0.0437	0.0000	0.0000	0.0000
56600	HEXANE	0.0087	0.0477	0.0000	0.0000	0.0000
56625	ISOBUTANE	0.0680	0.0087	0.0000	0.0000	0.0000
56674	OCTANE	0.0835	0.6501	0.0000	0.0000	0.0000
56680	DECANE	0.6680	3.1354	0.0000	0.0397	0.0397
56700	ISO PENTANE	0.0069	0.0000	0.0000	0.0000	0.0000
56701	ISOAMYLENE	0.3577	1.9404	0.0000	0.0000	0.0000
56703	NONANE	0.0509	0.2548	0.0000	0.0000	0.0000
56725	N BUTANE	0.0005	0.0038	0.0000	0.0000	0.0000
56730	N-HEXANE	0.2044	1.2114	0.0000	0.0000	0.0000
56750	PENTANE	0.0069	0.0000	0.0000	0.0000	0.0000
56775	PROPANE	0.0108	0.0621	0.0000	0.0000	0.0000



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58210	ACETONITRILE	0.0009	0.0049	0.0000	0.0000	0.0000
58213	ACRYLONITRILE	0.0034	0.0000	0.0000	0.0000	0.0000
58217	BUTYRONITRILE	0.0459	0.2644	0.0000	0.0000	0.0000
58225	DIMETHYLFORMAMIDE	0.0046	0.0296	0.0000	0.0000	0.0000
58240	HYDROGEN CYANIDE GAS	0.0020	0.0008	0.0000	0.0000	0.0000
58420	ACETIC ANHYDRIDE	0.1865	1.0955	0.0000	0.0000	0.0000
58460	MALEIC ANHYDRIDE	0.0003	0.0027	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.0371	0.4776	0.0000	0.0000	0.0000
58500	TETRAHYDROFURAN	0.3959	4.3152	0.0000	0.1088	0.1088
58700	MERCAPTANS-U	0.0005	0.0028	0.0000	0.0000	0.0000
58712	ETHYLTOLUENE,M-	0.0468	0.0439	0.0000	0.0896	0.0896
58715	1-ETHYL 4-METHYLBENZENE	0.0092	0.0055	0.0000	0.0175	0.0175
59003	GASOLINE	0.3072	2.5664	0.0000	0.0000	0.0000
59150	DIESEL	0.0149	0.1194	0.0000	0.0050	0.0050
59815	N-NITROSODIPHENYLAMINE	0.0109	0.0980	0.0000	0.0000	0.0000
59861	ACETOPHENONE	0.0001	0.0002	0.0000	0.0000	0.0000
70000	INORGANIC GASES-U	0.0161	0.0109	0.0000	0.0017	0.0017
70050	AMMONIA	0.2763	1.6412	0.0000	0.0421	0.0421
70400	NITROGEN OXIDES	6.1738	34.8328	0.0000	0.0000	0.0000
70490	SODIUM HYPOCHLORITE	0.2965	2.3947	0.0000	0.0247	0.0247
70510	SULFUR DIOXIDE	0.0417	0.2742	0.0000	0.0000	0.0000
71400	HYDRAZINE	0.0000	0.0002	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	4.9488	27.9624	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)
50002	POLYCYCLIC ORGANIC MATTER	1.3051	7.6227	0.0000	0.0000	0.0000
51140	ACRYLIC ACID	0.2529	0.8747	0.0000	0.0000	0.0000
51471	ETHYLENE GLYCOL	0.5523	2.9591	0.0000	0.0000	0.0000
51530	METHANOL	0.0601	0.4846	0.0000	0.0311	0.0311
51620	ACETALDEHYDE	0.3091	1.7080	0.0000	0.0161	0.0161
51680	FORMALDEHYDE	0.0044	0.0357	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.0018	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0243	0.0469	0.0000	0.0000	0.0000
52427	1,2,4 -TRICHLOROBENZENE	0.0010	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.2764	1.4340	0.0000	0.0070	0.0070
52450	ETHYL BENZENE	0.0186	0.1031	0.0000	0.0014	0.0014
52460	NAPHTHALENE	0.0041	0.0149	0.0000	0.0013	0.0013
52480	STYRENE	0.1116	0.3992	0.0000	0.0000	0.0000
52490	TOLUENE	0.1757	1.0121	0.0000	0.0384	0.0384
52512	META-XYLENE	0.3820	2.2582	0.0000	0.0123	0.0123
52514	ORTHO-XYLENE	0.6729	3.3977	0.0000	0.0051	0.0051
52516	PARA-XYLENE	0.3708	2.1825	0.0000	0.0085	0.0085
52700	ETHYL ACRYLATE	0.0015	0.0038	0.0000	0.0000	0.0000
52706	BIS 2-ETHYLHEXYL PHTHALATE DEHP	0.0002	0.0000	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0000	0.0014	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	0.0027	0.0050	0.0000	0.0000	0.0000
52844	BUTYL CELLOSOLVE ACETATE	0.0076	0.0000	0.0000	0.0000	0.0000
52883	DICHLOROETHYL ETHER	0.0010	0.0162	0.0000	0.0000	0.0000
52890	DIOXANE 1,4	0.0051	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0025	0.0008	0.0000	0.0000	0.0000
52910	EPICHLOROHYDRIN	0.0009	0.0054	0.0000	0.0000	0.0000
53125	METHYL BROMIDE	0.1166	0.2613	0.0000	0.0000	0.0000
53126	BROMOFORM	0.0007	0.0000	0.0000	0.0000	0.0000
53220	CHLOROFORM	0.0460	0.1668	0.0000	0.0029	0.0029
53250	METHYLENE CHLORIDE	0.4719	2.5858	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0021	0.0269	0.0000	0.0000	0.0000
53291	1,1,2-TRICHLOROETHANE	0.0005	0.0144	0.0000	0.0000	0.0000
53320	PHOSGENE	0.0005	0.0043	0.0000	0.0000	0.0000
53575	METHYL IODIDE	0.4084	1.7063	0.0000	0.0474	0.0474
53620	BENZOYL PEROXIDE	0.0000	0.0002	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0177	0.0038	0.0000	0.0000	0.0000
56600	HEXANE	0.0087	0.0477	0.0000	0.0000	0.0000
56730	N-HEXANE	0.2044	1.2114	0.0000	0.0000	0.0000



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58210	ACETONITRILE	0.0009	0.0049	0.0000	0.0000	0.0000
58213	ACRYLONITRILE	0.0034	0.0000	0.0000	0.0000	0.0000
58225	DIMETHYLFORMAMIDE	0.0046	0.0296	0.0000	0.0000	0.0000
58240	HYDROGEN CYANIDE GAS	0.0020	0.0008	0.0000	0.0000	0.0000
58460	MALEIC ANHYDRIDE	0.0003	0.0027	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.0371	0.4776	0.0000	0.0000	0.0000
59815	N-NITROSODIPHENYLAMINE	0.0109	0.0980	0.0000	0.0000	0.0000
59861	ACETOPHENONE	0.0001	0.0002	0.0000	0.0000	0.0000
71400	HYDRAZINE	0.0000	0.0002	0.0000	0.0000	0.0000
Total		5.8814	31.2089	0.0000	0.1715	0.1715