



2023 CONTAMINANT SUMMARY REPORT

July 03, 2024

12:57 pm

CN : CN600376073

Organization : BAYTOWN ENERGY CENTER LLC

RN : RN100226067

Account : CI0184T

Site : BAYTOWN COGENERATION

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	41.0401	236.8189	0.0000	0.0000	0.0000
VOC	17.0010	101.3732	0.0000	0.0000	0.0000
CO	356.3390	1476.9572	0.0000	0.0000	0.0000
NOX	200.1121	1162.3906	0.0000	0.0000	0.0000
SO2	11.7268	68.0245	0.0000	0.0000	0.0000
PB	0.0003	0.0016	0.0000	0.0000	0.0000
PM10	45.7131	269.2001	0.0000	0.0000	0.0000

CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	48.6483	291.5645	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	0.4968	3.2603	0.0000	0.0000	0.0000
11175	SULFURIC ACID	1.7936	10.4049	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0003	0.0016	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0002	0.0008	0.0000	0.0000	0.0000
20000	PM10 PART-U	43.9190	258.7928	0.0000	0.0000	0.0000
21175	PM10 SULFURIC ACID	1.7936	10.4049	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0003	0.0016	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0002	0.0008	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	41.0401	236.8189	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	13.2963	78.9195	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.2796	1.6877	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0447	0.2700	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	1.4866	9.0631	0.0000	0.0000	0.0000
52243	CYCLOHEXYLAMINE	0.0003	0.0018	0.0000	0.0000	0.0000
52280	ETHANOLAMINE	0.0000	0.0001	0.0000	0.0000	0.0000
52420	BENZENE	0.0858	0.5214	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.2238	1.3501	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0091	0.0548	0.0000	0.0000	0.0000
52470	POLYNUCLEAR AROMATICS	0.0155	0.0928	0.0000	0.0000	0.0000
52490	TOLUENE	0.9088	5.4849	0.0000	0.0000	0.0000
52510	XYLENE-U	0.4474	2.7003	0.0000	0.0000	0.0000
56600	HEXANE	0.0004	0.0031	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.2027	1.2236	0.0000	0.0000	0.0000
70050	AMMONIA	19.6340	85.2017	0.0000	0.0000	0.0000
70051	AMMONIUM HYDROXIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	200.1121	1162.3906	0.0000	0.0000	0.0000
70490	SODIUM HYPOCHLORITE	0.0001	0.0008	0.0000	0.0000	0.0000



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70510	SULFUR DIOXIDE	11.7268	68.0245	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	356.3390	1476.9572	0.0000	0.0000	0.0000

HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11160	HYDROCHLORIC ACID	0.4968	3.2603	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0003	0.0016	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0002	0.0008	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0003	0.0016	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0002	0.0008	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.2796	1.6877	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0447	0.2700	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	1.4866	9.0631	0.0000	0.0000	0.0000
52420	BENZENE	0.0858	0.5214	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.2238	1.3501	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0091	0.0548	0.0000	0.0000	0.0000
52470	POLYNUCLEAR AROMATICS	0.0155	0.0928	0.0000	0.0000	0.0000
52490	TOLUENE	0.9088	5.4849	0.0000	0.0000	0.0000
52510	XYLENE-U	0.4474	2.7003	0.0000	0.0000	0.0000
56600	HEXANE	0.0004	0.0031	0.0000	0.0000	0.0000
58480	PROPYLENE OXIDE	0.2027	1.2236	0.0000	0.0000	0.0000
Total		4.2022	25.7169	0.0000	0.0000	0.0000