



# 2023 CONTAMINANT SUMMARY REPORT

September 25, 2024

2:23 pm

**CN :** CN603624289

**Organization :** TPC GROUP LLC

**RN :** RN100219526

**Account :** HG0562P

**Site :** HOUSTON PLANT

**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	68.7933	390.5926	0.0000	0.0000	0.0000
VOC	105.9447	559.6163	0.0000	12.5396	12.5396
CO	96.9222	466.1286	0.0000	5.2563	5.2563
NOX	409.6850	2051.3525	0.0000	0.4505	0.4505
SO2	10.1196	65.8831	0.0000	0.0032	0.0032
PM10	71.2974	405.8790	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	73.1972	419.5479	0.0000	0.0000	0.0000
20000	PM10 PART-U	71.2974	405.8790	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	68.7933	390.5926	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	49.1179	270.4063	0.0000	0.8295	0.8295
51460	ETHANOL	0.3454	0.0035	0.0000	0.0000	0.0000
51530	METHANOL	2.7332	11.0322	0.0000	0.0858	0.0858
51580	SEC BUTYL ALCOHOL	0.3046	0.0029	0.0000	0.0000	0.0000
51590	TERT BUTYL ALCOHOL	0.2671	0.0018	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.0005	0.0063	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0001	0.0007	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0009	0.0098	0.0000	0.0000	0.0000
51700	FURFURAL	1.8748	7.9201	0.0000	0.0783	0.0783
51825	METHYL ACETYLENE	0.4802	2.2195	0.0000	0.0000	0.0000
52282	TRIETHANOLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
52340	TRIMETHYLAMINE	0.0047	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0007	0.0077	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0001	0.0007	0.0000	0.0000	0.0000
52480	STYRENE	0.0439	0.0003	0.0000	0.0000	0.0000
52490	TOLUENE	0.0003	0.0033	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0002	0.0023	0.0000	0.0000	0.0000
52790	VINYLACETYLENE	0.0000	0.0000	0.0000	0.0425	0.0425
52878	METHYL TERT-BUTYL ETHER	7.3948	48.1716	0.0000	0.0239	0.0239
54020	ACETONE	0.0152	0.0002	0.0000	0.0000	0.0000
55000	OLEFINS-U	2.5090	13.7481	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	7.4143	40.5010	0.0000	5.5575	5.5575
55175	BUTENE	8.6659	47.4843	0.0000	0.0000	0.0000
55176	1-BUTENE	2.2098	11.8336	0.0000	1.8512	1.8512
55177	CIS-2-BUTENE	1.0438	5.8992	0.0000	0.5080	0.5080
55179	TRANS-2-BUTENE	1.0712	5.8278	0.0000	0.3049	0.3049



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55300	ETHYLENE	0.4144	2.5147	0.0000	0.0011	0.0011
55400	ISOBUTYLENE	3.0393	7.5336	0.0000	0.7971	0.7971
55600	PROPYLENE	0.9107	5.1378	0.0000	0.0505	0.0505
56550	ETHANE	0.1258	0.4462	0.0000	0.0675	0.0675
56615	DIISOBUTYLENE	1.4300	7.6878	0.0000	0.0010	0.0010
56617	TRIISOBUTYLENE	0.0000	0.0000	0.0000	0.0717	0.0717
56625	ISOBUTANE	6.1563	25.8300	0.0000	1.2114	1.2114
56674	OCTANE	0.0000	0.0000	0.0000	0.0000	0.0000
56725	N BUTANE	5.9411	32.8714	0.0000	0.9423	0.9423
56730	N-HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56750	PENTANE	0.4920	2.6963	0.0000	0.1414	0.1414
56775	PROPANE	0.2923	1.6754	0.0000	0.0335	0.0335
58225	DIMETHYLFORMAMIDE	0.7996	4.6086	0.0000	0.0080	0.0080
59002	DISTILLATE	0.0033	0.0150	0.0000	0.0000	0.0000
59003	GASOLINE	0.4798	1.2000	0.0000	0.0000	0.0000
59200	FUEL OIL-U	0.5025	2.7627	0.0000	0.0000	0.0000
60000	METHANE	0.0000	0.0000	0.0000	0.0000	0.0000
70033	BORON TRIFLUORIDE	0.0000	0.0000	0.0000	0.0165	0.0165
70050	AMMONIA	20.2117	85.2258	0.0000	0.1878	0.1878
70110	CHLORINE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	409.6850	2051.3525	0.0000	0.4505	0.4505
70510	SULFUR DIOXIDE	10.1196	65.8831	0.0000	0.0032	0.0032
90300	CARBON MONOXIDE	96.9222	466.1286	0.0000	5.2563	5.2563



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## HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51530	METHANOL	2.7332	11.0322	0.0000	0.0858	0.0858
51620	ACETALDEHYDE	0.0005	0.0063	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0001	0.0007	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0009	0.0098	0.0000	0.0000	0.0000
52420	BENZENE	0.0007	0.0077	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0001	0.0007	0.0000	0.0000	0.0000
52480	STYRENE	0.0439	0.0003	0.0000	0.0000	0.0000
52490	TOLUENE	0.0003	0.0033	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0002	0.0023	0.0000	0.0000	0.0000
52878	METHYL TERT-BUTYL ETHER	7.3948	48.1716	0.0000	0.0239	0.0239
55150	1,3- BUTADIENE	7.4143	40.5010	0.0000	5.5575	5.5575
56730	N-HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
58225	DIMETHYLFORMAMIDE	0.7996	4.6086	0.0000	0.0080	0.0080
70110	CHLORINE	0.0000	0.0000	0.0000	0.0000	0.0000
Total		18.3886	104.3445	0.0000	5.6752	5.6752