



# 2023 CONTAMINANT SUMMARY REPORT

June 28, 2024

1:50 pm

**CN :** CN605927615

**Organization :** CB&I STORAGE TANK SOLUTIONS LLC

**RN :** RN100561182

**Account :** HG9085L

**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	2.9683	12.4485	0.0000	0.0000	0.0000
VOC	2.8393	15.0546	0.0000	0.0000	0.0000
CO	0.1144	0.5860	0.0000	0.0000	0.0000
NOX	0.1374	0.7037	0.0000	0.0000	0.0000
SO2	0.0008	0.0048	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	3.0628	12.8519	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	2.9683	12.3749	0.0000	0.0000	0.0000
14160	CHROMIUM-CR	0.0055	0.0243	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0038	0.0167	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.0704	0.3452	0.0000	0.0000	0.0000
14735	TITANIUM DIOXIDE	0.0032	0.0172	0.0000	0.0000	0.0000
14780	ZINC-ZN	0.0116	0.0736	0.0000	0.0000	0.0000
20000	PM10 PART-U	2.9683	12.4485	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0055	0.0243	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0038	0.0167	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.0704	0.3452	0.0000	0.0000	0.0000
24735	PM10 TITANIUM DIOXIDE	0.0032	0.0172	0.0000	0.0000	0.0000
24780	PM10 ZINC-ZN	0.0116	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	2.9683	12.4485	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	0.5243	0.0577	0.0000	0.0000	0.0000
50002	POLYCYCLIC ORGANIC MATTER	0.1866	0.0000	0.0000	0.0000	0.0000
51405	BENZYL ALCOHOL	0.0205	0.1089	0.0000	0.0000	0.0000
51427	1-BUTOXY-2-PROPANOL	0.0180	0.0000	0.0000	0.0000	0.0000
51434	GLYCOL ETHER DPM	0.0013	0.0147	0.0000	0.0000	0.0000
51440	N-BUTYL ALCOHOL	0.0557	0.7331	0.0000	0.0000	0.0000
51460	ETHANOL	0.0181	0.1161	0.0000	0.0000	0.0000
51478	METHOXY-2-ACETOXYPROPANE, 1-	0.0102	0.0945	0.0000	0.0000	0.0000
51510	ISOPROPANOL	0.0306	0.0000	0.0000	0.0000	0.0000
52265	AROMATIC PETROLEUM DISTILLATE HEAVY	0.0290	0.2475	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0011	0.0044	0.0000	0.0000	0.0000
52428	TRIMETHYL BENZENE	0.0016	0.0081	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.1346	1.0626	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0043	0.0429	0.0000	0.0000	0.0000
52490	TOLUENE	0.3338	3.2758	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)
52504	CH2 BIS C6H4 2-ISOCYANATE	0.2220	2.3124	0.0000	0.0000	0.0000
52510	XYLENE-U	0.6082	5.4312	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0518	0.0586	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0129	0.0024	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0160	0.0160	0.0000	0.0000	0.0000
52640	BUTYL ACETATE	0.0058	0.0000	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.1771	0.2323	0.0000	0.0000	0.0000
52834	PROPYLENE GLYCOL MONOMETHYL ETHER	0.0055	0.0000	0.0000	0.0000	0.0000
53299	PARACHLOROBENZOTRIFLUORIDE	1.7383	11.8586	0.0000	0.0000	0.0000
54020	ACETONE	0.3111	1.9784	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.0044	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.1066	0.3393	0.0000	0.0000	0.0000
54072	HEPTANONE 2	0.0169	0.2283	0.0000	0.0000	0.0000
56550	ETHANE	0.0041	0.0217	0.0000	0.0000	0.0000
58805	ETHYL SILICATE	0.0506	0.3230	0.0000	0.0000	0.0000
58998	ALIPHATIC PETROLEUM DISTILLATE	0.1771	0.2323	0.0000	0.0000	0.0000
58999	AROMATIC PETROLEUM DISTILLATE LIGHT	0.0087	0.0477	0.0000	0.0000	0.0000
59360	STODDARD SOLVENT	0.0060	0.0648	0.0000	0.0000	0.0000
60000	METHANE	0.0031	0.0157	0.0000	0.0000	0.0000
70050	AMMONIA	0.0043	0.0222	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	0.1374	0.7037	0.0000	0.0000	0.0000
70403	NITROUS OXIDE	0.0003	0.0014	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.0008	0.0048	0.0000	0.0000	0.0000
90100	CARBON DIOXIDE	183.6647	829.5602	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	0.1144	0.5860	0.0000	0.0000	0.0000



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### HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
14160	CHROMIUM-CR	0.0055	0.0243	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0038	0.0167	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.0704	0.3452	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0055	0.0243	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0038	0.0167	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.0704	0.3452	0.0000	0.0000	0.0000
50002	POLYCYCLIC ORGANIC MATTER	0.1866	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.1346	1.0626	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0043	0.0429	0.0000	0.0000	0.0000
52490	TOLUENE	0.3338	3.2758	0.0000	0.0000	0.0000
52504	CH2 BIS C6H4 2-ISOCYANATE	0.2220	2.3124	0.0000	0.0000	0.0000
52510	XYLENE-U	0.6082	5.4312	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0518	0.0586	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0129	0.0024	0.0000	0.0000	0.0000
52516	PARA-XYLENE	0.0160	0.0160	0.0000	0.0000	0.0000
52821	BUTYL CARBITOL	0.1771	0.2323	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.1066	0.3393	0.0000	0.0000	0.0000
<b>Total</b>		2.0133	13.5459	0.0000	0.0000	0.0000