



# 2023 CONTAMINANT SUMMARY REPORT

August 21, 2024

3:17 pm

**CN :** CN605427657

**Organization :** CALUMET DICKINSON REFINING LLC

**RN :** RN100221282

**Account :** GB0054T

**Site :** DICKINSON 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	13.2795	72.9774	0.0000	0.0000	0.0000
VOC	18.4261	110.6297	0.1135	0.1264	0.2399
CO	2.2012	9.2335	0.0000	0.0000	0.0000
NOX	3.0996	14.8024	0.0000	0.0000	0.0000
SO2	0.0231	0.1063	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	13.2815	73.0040	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	13.2815	73.0040	0.0000	0.0000	0.0000
20000	PM10 PART-U	13.2815	73.0040	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	13.2795	72.9774	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	12.6761	57.1875	0.1135	0.1264	0.2399
51510	ISOPROPANOL	0.0044	0.0239	0.0000	0.0000	0.0000
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
59001	CRUDE OIL	0.1069	0.5857	0.0000	0.0000	0.0000
59006	MINERAL OIL	5.6387	52.8326	0.0000	0.0000	0.0000
59012	PETROLEUM SULFONATE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	3.0996	14.8024	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.0231	0.1063	0.0000	0.0000	0.0000
70516	SULFURIC ACID VAPOR	0.0000	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	2.2012	9.2335	0.0000	0.0000	0.0000

## HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
	Total	0.0000	0.0000	0.0000	0.0000	0.0000