



2023 CONTAMINANT SUMMARY REPORT

May 07, 2024

12:31 pm

CN : CN600124101

Organization : NORTHERN NATURAL GAS CO

RN : RN100212711

Account : MR0024V

Site : SUNRAY 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	8.6482	0.0000	0.0000	0.0000	0.0000
VOC	22.0343	0.0000	0.0000	0.0000	0.0000
CO	60.4239	0.0000	0.0000	0.0000	0.0000
NOX	172.8909	0.0000	0.0000	0.0000	0.0000
SO2	0.1214	0.0000	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	8.6482	0.0000	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	8.6482	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	8.6482	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	8.6482	0.0000	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	8.7031	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	1.3894	0.0000	0.0000	0.0000	0.0000
51640	ACROLEIN	1.3928	0.0000	0.0000	0.0000	0.0000
51661	ISOBUTYRALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	9.8822	0.0000	0.0000	0.0000	0.0000
52410	ALPHA METHYL STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52416	TRIMETHYL BENZENE, 1,2,4-	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.3473	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0193	0.0000	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.1724	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0481	0.0000	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52680	ETHYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
55300	ETHYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
56050	CYCLOHEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0797	0.0000	0.0000	0.0000	0.0000
59090	CONDENSATE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	172.8909	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.1214	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	60.4239	0.0000	0.0000	0.0000	0.0000
99999	ODOR-U	0.0000	0.0000	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)
51530	METHANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	1.3894	0.0000	0.0000	0.0000	0.0000
51640	ACROLEIN	1.3928	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	9.8822	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.3473	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0193	0.0000	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.1724	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0481	0.0000	0.0000	0.0000	0.0000
52512	META-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
52514	ORTHO-XYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0000	0.0000	0.0000	0.0000	0.0000
56730	N-HEXANE	0.0797	0.0000	0.0000	0.0000	0.0000
Total		13.3312	0.0000	0.0000	0.0000	0.0000