



# 2023 CONTAMINANT SUMMARY REPORT

May 23, 2024

2:49 pm

**CN :** CN600124101

**Organization :** NORTHERN NATURAL GAS CO

**RN :** RN100222959

**Account :** ML0022W

**Site :** SPRABERRY 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	3.7266	0.0000	0.0000	0.0000	0.0000
VOC	28.0539	0.0000	0.0000	0.0120	0.0120
CO	115.1930	0.0000	0.0000	0.0000	0.0000
NOX	235.4516	0.0000	0.0000	0.0000	0.0000
SO2	0.1343	0.0000	0.0000	0.0000	0.0000
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	3.7266	0.0000	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	3.7266	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	3.7266	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	3.7266	0.0000	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	13.6371	0.0000	0.0000	0.0120	0.0120
51520	HEXANOL	0.0000	0.0000	0.0000	0.0000	0.0000
51530	METHANOL	0.5875	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	1.6388	0.0000	0.0000	0.0000	0.0000
51640	ACROLEIN	1.0022	0.0000	0.0000	0.0000	0.0000
51661	ISOBUTYRALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	10.6449	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	0.1891	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0104	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.1141	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0441	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
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	0.1857	0.0000	0.0000	0.0000	0.0000
59090	CONDENSATE	0.0000	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	235.4516	0.0000	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	0.1343	0.0000	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	115.1930	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	0.5875	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	1.6388	0.0000	0.0000	0.0000	0.0000
51640	ACROLEIN	1.0022	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	10.6449	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.1891	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0104	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.1141	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0441	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	0.1857	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		14.4168	0.0000	0.0000	0.0000	0.0000