



# 2023 CONTAMINANT SUMMARY REPORT

August 30, 2024

10:00 pm

**CN :** CN600125009

**Organization :** UNITED STATES DEPARTMENT OF ENERGY

**RN :** RN102198611

**Account :** JE0173I

**Site :** BIG HILL SPR

**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	0.0128	0.0969	0.2022	0.0000	0.2022
VOC	16.8126	119.9058	0.1925	0.0000	0.1925
CO	0.0597	0.4815	1.4044	0.0000	1.4044
NOX	0.2677	2.1501	6.1586	0.0000	6.1586
SO2	0.0087	0.0606	0.0624	0.0000	0.0624
PB	0.0000	0.0000	0.0000	0.0000	0.0000
PM10	0.0128	0.0969	0.2022	0.0000	0.2022

## CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	0.0128	0.0969	0.2022	0.0000	0.2022
20000	PM10 PART-U	0.0128	0.0969	0.2022	0.0000	0.2022
39999	TOTAL PM2.5 PARTICULATE	0.0128	0.0969	0.2022	0.0000	0.2022
50001	VOC-UNCLASSIFIED	3.8714	27.6092	0.1925	0.0000	0.1925
52420	BENZENE	0.0547	0.3889	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0595	0.4231	0.0000	0.0000	0.0000
52490	TOLUENE	0.0085	0.0598	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0300	0.2140	0.0000	0.0000	0.0000
56528	ISOHEXANE AKA 2-METHYLPENTANE	0.0093	0.0597	0.0000	0.0000	0.0000
56600	HEXANE	0.6494	4.6345	0.0000	0.0000	0.0000
56625	ISOBUTANE	1.0253	7.3067	0.0000	0.0000	0.0000
56700	ISO PENTANE	1.9148	13.6357	0.0000	0.0000	0.0000
56725	N BUTANE	3.8148	27.2085	0.0000	0.0000	0.0000
56752	N-PENTANE	2.2230	15.8618	0.0000	0.0000	0.0000
56775	PROPANE	3.1519	22.5039	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	0.2677	2.1501	6.1586	0.0000	6.1586
70510	SULFUR DIOXIDE	0.0087	0.0606	0.0624	0.0000	0.0624
90300	CARBON MONOXIDE	0.0597	0.4815	1.4044	0.0000	1.4044

## HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
52420	BENZENE	0.0547	0.3889	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0595	0.4231	0.0000	0.0000	0.0000
52490	TOLUENE	0.0085	0.0598	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0300	0.2140	0.0000	0.0000	0.0000
56600	HEXANE	0.6494	4.6345	0.0000	0.0000	0.0000
Total		0.8021	5.7203	0.0000	0.0000	0.0000