



# 2023 CONTAMINANT SUMMARY REPORT

July 12, 2024

2:22 pm

**CN :** CN604335455

**Organization :** SANDY CREEK SERVICES LLC

**RN :** RN104136700

**Account :** MBA007G

**Site :** SANDY CREEK ENERGY STATION

**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	249.2074	1609.0912	0.0000	0.0000	0.0000
VOC	8.9553	44.3498	0.0000	0.0000	0.0000
CO	184.5313	1592.7818	0.0012	0.0002	0.0014
NOX	759.3702	5028.1797	0.0000	0.0000	0.0000
SO2	1697.2333	10923.8693	0.0000	0.0000	0.0000
PB	0.0001	0.0002	0.0000	0.0000	0.0000
PM10	389.7789	2512.9121	0.0000	0.0076	0.0076

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	411.3809	2652.2167	0.0000	0.0076	0.0076
11175	SULFURIC ACID	1.2646	8.1734	0.0000	0.0000	0.0000
11345	HEXACHLOROBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
11687	DIOXIN	0.0001	0.0001	0.0000	0.0000	0.0000
14023	ANTIMONY AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0001	0.0001	0.0000	0.0000	0.0000
14051	BARIUM COMPOUNDS	2.5616	16.5682	0.0000	0.0000	0.0000
14071	BERYLLIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
14115	CADMIUM AND COMPOUNDS	0.0034	0.0215	0.0000	0.0000	0.0000
14126	CALCIUM OXIDE-CAO	0.0009	0.0048	0.0000	0.0000	0.0000
14144	COAL	2.1976	12.1774	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0127	0.0819	0.0000	0.0000	0.0000
14171	COBALT AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
14194	COPPER COMPOUNDS	0.0307	0.1983	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0001	0.0002	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.0265	0.1709	0.0000	0.0000	0.0000
14361	MERCURY AND COMPOUNDS	0.0202	0.1085	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0155	0.0998	0.0000	0.0000	0.0000
14595	SELENIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
14611	SILVER COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14630	SODIUM HYDROXIDE, NAOH	0.0404	0.2842	0.0000	0.0000	0.0000
14760	VANADIUM	0.0002	0.0008	0.0000	0.0000	0.0000
14780	ZINC-ZN	0.1405	0.9034	0.0000	0.0000	0.0000
20000	PM10 PART-U	384.6493	2480.7478	0.0000	0.0076	0.0076
21175	PM10 SULFURIC ACID	1.2643	8.1731	0.0000	0.0000	0.0000
24023	PM10 ANTIMONY AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
24030	PM10 ARSENIC - AS	0.0001	0.0001	0.0000	0.0000	0.0000
24051	PM10 BARIUM COMPOUNDS	2.5616	16.5682	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)
24071	PM10 BERYLLIUM COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
24115	PM10 CADMIUM COMPOUNDS	0.0034	0.0215	0.0000	0.0000	0.0000
24126	PM10 CALCIUM OXIDE-CAO	0.0005	0.0024	0.0000	0.0000	0.0000
24144	PM10 COAL	1.0530	5.8349	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0127	0.0819	0.0000	0.0000	0.0000
24171	PM10 COBALT AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
24194	PM10 COPPER COMPOUNDS	0.0307	0.1983	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0001	0.0002	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.0265	0.1709	0.0000	0.0000	0.0000
24361	PM10 MERCURY AND COMPOUNDS	0.0202	0.1085	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0155	0.0998	0.0000	0.0000	0.0000
24595	PM10 SELENIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
24611	PM10 SILVER COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
24760	PM10 VANADIUM	0.0002	0.0008	0.0000	0.0000	0.0000
24780	PM10 ZINC-ZN	0.1405	0.9034	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	249.2074	1609.0912	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	8.4559	41.5481	0.0000	0.0000	0.0000
50002	POLYCYCLIC ORGANIC MATTER	0.0004	0.0004	0.0000	0.0000	0.0000
51463	VINYL BROMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
51535	CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51560	PENTACHLOROPHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.1458	0.9408	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0005	0.0013	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0842	0.5261	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52414	BENZYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0006	0.0012	0.0000	0.0000	0.0000
52424	DICHLOROBENZENE MIXED ISOMERS	0.0000	0.0000	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52460	NAPHTHALENE	0.0004	0.0005	0.0000	0.0000	0.0000
52472	QUINOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.0010	0.0036	0.0000	0.0000	0.0000
52496	2,4-DINITROTOLUENE	0.0000	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)
52510	XYLENE-U	0.0003	0.0003	0.0000	0.0000	0.0000
52710	DIBUTYL PHTHALATE	0.0000	0.0000	0.0000	0.0000	0.0000
52730	BIS 2-ETHYLHEXYL PHTHALATE	0.0219	0.1416	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52885	DICHLOROETHYLENE 1,1	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
53120	ETHYLENE DIBROMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53125	METHYL BROMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53126	BROMOFORM	0.0000	0.0000	0.0000	0.0000	0.0000
53210	CARBON TETRACHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53220	CHLOROFORM	0.0005	0.0030	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53260	ETHYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53280	METHYL CHLORIDE	0.0726	0.4691	0.0000	0.0000	0.0000
53290	1,1,1-TRICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53291	1,1,2-TRICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53322	1,3-DICHLOROPROPENE	0.0000	0.0000	0.0000	0.0000	0.0000
53575	METHYL IODIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54200	ISOPHORONE	0.0000	0.0000	0.0000	0.0000	0.0000
54750	2-CHLOROACETOPHENONE	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0002	0.0002	0.0000	0.0000	0.0000
55550	PERCHLOROETHYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
55650	TRICHLOROETHYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.1710	0.7136	0.0000	0.0000	0.0000
58241	CYANIDE AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
58470	PHTHALIC ANHYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58825	DIBUTYL PHOSPHATE	0.0000	0.0000	0.0000	0.0000	0.0000
58870	DIMETHYL SULFATE	0.0000	0.0000	0.0000	0.0000	0.0000
59807	METHYLHYDRAZINE	0.0000	0.0000	0.0000	0.0000	0.0000
59809	N-NITROSODIMETHYLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000
59861	ACETOPHENONE	0.0000	0.0000	0.0000	0.0000	0.0000
70050	AMMONIA	9.7698	64.5529	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	2.9117	18.8331	0.0000	0.0000	0.0000
70225	CARBON DISULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70250	HYDROGEN FLUORIDE	0.7216	4.6674	0.0000	0.0000	0.0000



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70400	NITROGEN OXIDES	759.3702	5028.1797	0.0000	0.0000	0.0000
70490	SODIUM HYPOCHLORITE	0.1369	1.3533	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	1697.2333	10923.8693	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	184.5313	1592.7818	0.0012	0.0002	0.0014



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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11345	HEXACHLOROBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
11687	DIOXIN	0.0001	0.0001	0.0000	0.0000	0.0000
14023	ANTIMONY AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0001	0.0001	0.0000	0.0000	0.0000
14071	BERYLLIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
14115	CADMIUM AND COMPOUNDS	0.0034	0.0215	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0127	0.0819	0.0000	0.0000	0.0000
14171	COBALT AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0001	0.0002	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.0265	0.1709	0.0000	0.0000	0.0000
14361	MERCURY AND COMPOUNDS	0.0202	0.1085	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0155	0.0998	0.0000	0.0000	0.0000
14595	SELENIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
24023	PM10 ANTIMONY AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
24030	PM10 ARSENIC - AS	0.0001	0.0001	0.0000	0.0000	0.0000
24071	PM10 BERYLLIUM COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
24115	PM10 CADMIUM COMPOUNDS	0.0034	0.0215	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0127	0.0819	0.0000	0.0000	0.0000
24171	PM10 COBALT AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0001	0.0002	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.0265	0.1709	0.0000	0.0000	0.0000
24361	PM10 MERCURY AND COMPOUNDS	0.0202	0.1085	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0155	0.0998	0.0000	0.0000	0.0000
24595	PM10 SELENIUM AND COMPOUNDS	0.0001	0.0001	0.0000	0.0000	0.0000
50002	POLYCYCLIC ORGANIC MATTER	0.0004	0.0004	0.0000	0.0000	0.0000
51463	VINYL BROMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
51535	CRESOL	0.0000	0.0000	0.0000	0.0000	0.0000
51550	PHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51560	PENTACHLOROPHENOL	0.0000	0.0000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.1458	0.9408	0.0000	0.0000	0.0000
51640	ACROLEIN	0.0005	0.0013	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0842	0.5261	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
52414	BENZYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	0.0006	0.0012	0.0000	0.0000	0.0000
52430	CHLOROBENZENE	0.0000	0.0000	0.0000	0.0000	0.0000
52440	CUMENE	0.0000	0.0000	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0000	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)
52460	NAPHTHALENE	0.0004	0.0005	0.0000	0.0000	0.0000
52472	QUINOLINE	0.0000	0.0000	0.0000	0.0000	0.0000
52475	BIPHENYL	0.0000	0.0000	0.0000	0.0000	0.0000
52480	STYRENE	0.0000	0.0000	0.0000	0.0000	0.0000
52490	TOLUENE	0.0010	0.0036	0.0000	0.0000	0.0000
52496	2,4-DINITROTOLUENE	0.0000	0.0000	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0003	0.0003	0.0000	0.0000	0.0000
52710	DIBUTYL PHTHALATE	0.0000	0.0000	0.0000	0.0000	0.0000
52730	BIS 2-ETHYLHEXYL PHTHALATE	0.0219	0.1416	0.0000	0.0000	0.0000
52780	METHYL METHACRYLATE	0.0000	0.0000	0.0000	0.0000	0.0000
52815	METHYL TERT BUTYL ETHER	0.0000	0.0000	0.0000	0.0000	0.0000
52885	DICHLOROETHYLENE 1,1	0.0000	0.0000	0.0000	0.0000	0.0000
52891	VINYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
53120	ETHYLENE DIBROMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53125	METHYL BROMIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53126	BROMOFORM	0.0000	0.0000	0.0000	0.0000	0.0000
53210	CARBON TETRACHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53220	CHLOROFORM	0.0005	0.0030	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53260	ETHYL CHLORIDE	0.0000	0.0000	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53280	METHYL CHLORIDE	0.0726	0.4691	0.0000	0.0000	0.0000
53290	1,1,1-TRICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53291	1,1,2-TRICHLOROETHANE	0.0000	0.0000	0.0000	0.0000	0.0000
53322	1,3-DICHLOROPROPENE	0.0000	0.0000	0.0000	0.0000	0.0000
53575	METHYL IODIDE	0.0000	0.0000	0.0000	0.0000	0.0000
54070	METHYL ISOBUTYL KETONE	0.0000	0.0000	0.0000	0.0000	0.0000
54200	ISOPHORONE	0.0000	0.0000	0.0000	0.0000	0.0000
54750	2-CHLOROACETOPHENONE	0.0000	0.0000	0.0000	0.0000	0.0000
55150	1,3- BUTADIENE	0.0002	0.0002	0.0000	0.0000	0.0000
55550	PERCHLOROETHYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
55650	TRICHLOROETHYLENE	0.0000	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.1710	0.7136	0.0000	0.0000	0.0000
58241	CYANIDE AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
58470	PHTHALIC ANHYDRIDE	0.0000	0.0000	0.0000	0.0000	0.0000
58870	DIMETHYL SULFATE	0.0000	0.0000	0.0000	0.0000	0.0000
59807	METHYLHYDRAZINE	0.0000	0.0000	0.0000	0.0000	0.0000
59809	N-NITROSODIMETHYLAMINE	0.0000	0.0000	0.0000	0.0000	0.0000



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59861	ACETOPHENONE	0.0000	0.0000	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	2.9117	18.8331	0.0000	0.0000	0.0000
70225	CARBON DISULFIDE	0.0000	0.0000	0.0000	0.0000	0.0000
70250	HYDROGEN FLUORIDE	0.7216	4.6674	0.0000	0.0000	0.0000
Total		4.2904	27.2687	0.0000	0.0000	0.0000