

**2023 CONTAMINANT SUMMARY REPORT**

September 04, 2024

1:26 pm

CN : CN601481336**Organization :** SOUTHWESTERN PUBLIC SERVICE COMPANY**RN :** RN100224849**Account :** PG0041R**Site :** HARRINGTON STATION POWER
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	68.0083	0.0000	0.0000	0.0133	0.0133
VOC	57.5863	0.0000	0.0000	0.0110	0.0110
CO	874.2264	0.0000	0.0000	0.1443	0.1443
NOX	2317.8065	0.0000	0.0000	0.7134	0.7134
SO2	10531.8683	0.0000	0.0000	1.9610	1.9610
PB	0.0593	0.0000	0.0000	0.0000	0.0000
PM10	410.5033	0.0000	0.0000	0.3330	0.3330

CONTAMINANT SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	376.0219	0.0000	0.0000	0.3239	0.3239
11160	HYDROCHLORIC ACID	14.5678	0.0000	0.0000	0.0029	0.0029
11162	HYDROFLUORIC ACID	14.5678	0.0000	0.0000	0.0029	0.0029
11175	SULFURIC ACID	2.0956	0.0000	0.0000	0.0004	0.0004
11230	FLUORIDES EXCEPT HF	0.0000	0.0000	0.0000	0.0000	0.0000
14023	ANTIMONY AND COMPOUNDS	0.0031	0.0000	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0287	0.0000	0.0000	0.0000	0.0000
14051	BARIUM COMPOUNDS	2.8382	0.0000	0.0000	0.0006	0.0006
14070	BERYLLIUM-BE	0.0018	0.0000	0.0000	0.0000	0.0000
14110	CADMIUM-CD	0.0102	0.0000	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.1332	0.0000	0.0000	0.0000	0.0000
14171	COBALT AND COMPOUNDS	0.0225	0.0000	0.0000	0.0000	0.0000
14194	COPPER COMPOUNDS	0.0992	0.0000	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0593	0.0000	0.0000	0.0000	0.0000
14335	MAGNESIUM-MG	10.3810	0.0000	0.0000	0.0020	0.0020
14355	MANGANESE AND COMPOUNDS	0.1785	0.0000	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0136	0.0000	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.1142	0.0000	0.0000	0.0000	0.0000
14590	SELENIUM-SE	1.2269	0.0000	0.0000	0.0003	0.0003
14611	SILVER COMPOUNDS	0.0031	0.0000	0.0000	0.0000	0.0000
14701	THALLIUM COMPOUNDS	0.0037	0.0000	0.0000	0.0000	0.0000
14760	VANADIUM	0.1324	0.0000	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	0.0583	0.0000	0.0000	0.0000	0.0000
20000	PM10 PART-U	363.9699	0.0000	0.0000	0.3239	0.3239
21160	PM10 HYDROCHLORIC ACID	14.5678	0.0000	0.0000	0.0029	0.0029
21162	PM10 HYDROFLUORIC ACID	14.5678	0.0000	0.0000	0.0029	0.0029
21175	PM10 SULFURIC ACID	2.0956	0.0000	0.0000	0.0004	0.0004
24023	PM10 ANTIMONY AND COMPOUNDS	0.0016	0.0000	0.0000	0.0000	0.0000

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PLANT**Last EI Date :** 12/31/2023**CONTAMINANT SUMMARY REPORT**

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
24030	PM10 ARSENIC - AS	0.0287	0.0000	0.0000	0.0000	0.0000
24051	PM10 BARIUM COMPOUNDS	2.8382	0.0000	0.0000	0.0006	0.0006
24070	PM10 BERYLLIUM-BE	0.0018	0.0000	0.0000	0.0000	0.0000
24110	PM10 CADMIUM-CD	0.0102	0.0000	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.1332	0.0000	0.0000	0.0000	0.0000
24171	PM10 COBALT AND COMPOUNDS	0.0183	0.0000	0.0000	0.0000	0.0000
24194	PM10 COPPER COMPOUNDS	0.0992	0.0000	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0593	0.0000	0.0000	0.0000	0.0000
24335	PM10 MAGNESIUM-MG	10.3810	0.0000	0.0000	0.0020	0.0020
24355	PM10 MANGANESE COMPOUNDS	0.1785	0.0000	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0136	0.0000	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.1142	0.0000	0.0000	0.0000	0.0000
24590	PM10 SELENIUM-SE	1.2269	0.0000	0.0000	0.0003	0.0003
24611	PM10 SILVER COMPOUNDS	0.0031	0.0000	0.0000	0.0000	0.0000
24701	PM10 THALLIUM COMPOUNDS	0.0037	0.0000	0.0000	0.0000	0.0000
24760	PM10 VANADIUM	0.1324	0.0000	0.0000	0.0000	0.0000
24785	PM10 ZINC COMPOUNDS	0.0583	0.0000	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	68.0083	0.0000	0.0000	0.0133	0.0133
50001	VOC-UNCLASSIFIED	51.6469	0.0000	0.0000	0.0102	0.0102
51660	BUTYRALDEHYDE	0.0994	0.0000	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.1506	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	1.2271	0.0000	0.0000	0.0003	0.0003
52706	BIS 2-ETHYLHEXYL PHTHALATE DEHP	0.8595	0.0000	0.0000	0.0001	0.0001
52760	METHYL ACETATE	0.0000	0.0000	0.0000	0.0000	0.0000
55100	CHLOROPROPENE 3	0.1089	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0633	0.0000	0.0000	0.0000	0.0000
56725	N BUTANE	0.3571	0.0000	0.0000	0.0000	0.0000
56750	PENTANE	0.4421	0.0000	0.0000	0.0000	0.0000
56775	PROPANE	0.2721	0.0000	0.0000	0.0000	0.0000
58241	CYANIDE AND COMPOUNDS	2.3593	0.0000	0.0000	0.0004	0.0004
58374	UREA FORMALDEHYDE	0.0000	0.0000	0.0000	0.0000	0.0000
70110	CHLORINE	1.1555	0.0000	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	2317.8065	0.0000	0.0000	0.7134	0.7134
70510	SULFUR DIOXIDE	10531.8683	0.0000	0.0000	1.9610	1.9610
90300	CARBON MONOXIDE	874.2264	0.0000	0.0000	0.1443	0.1443

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11160	HYDROCHLORIC ACID	14.5678	0.0000	0.0000	0.0029	0.0029
11162	HYDROFLUORIC ACID	14.5678	0.0000	0.0000	0.0029	0.0029
14023	ANTIMONY AND COMPOUNDS	0.0031	0.0000	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0287	0.0000	0.0000	0.0000	0.0000
14070	BERYLLIUM-BE	0.0018	0.0000	0.0000	0.0000	0.0000
14110	CADMIUM-CD	0.0102	0.0000	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.1332	0.0000	0.0000	0.0000	0.0000
14171	COBALT AND COMPOUNDS	0.0225	0.0000	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0593	0.0000	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.1785	0.0000	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0136	0.0000	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.1142	0.0000	0.0000	0.0000	0.0000
14590	SELENIUM-SE	1.2269	0.0000	0.0000	0.0003	0.0003
21160	PM10 HYDROCHLORIC ACID	14.5678	0.0000	0.0000	0.0029	0.0029
21162	PM10 HYDROFLUORIC ACID	14.5678	0.0000	0.0000	0.0029	0.0029
24023	PM10 ANTIMONY AND COMPOUNDS	0.0016	0.0000	0.0000	0.0000	0.0000
24030	PM10 ARSENIC - AS	0.0287	0.0000	0.0000	0.0000	0.0000
24070	PM10 BERYLLIUM-BE	0.0018	0.0000	0.0000	0.0000	0.0000
24110	PM10 CADMIUM-CD	0.0102	0.0000	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.1332	0.0000	0.0000	0.0000	0.0000
24171	PM10 COBALT AND COMPOUNDS	0.0183	0.0000	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0593	0.0000	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.1785	0.0000	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0136	0.0000	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.1142	0.0000	0.0000	0.0000	0.0000
24590	PM10 SELENIUM-SE	1.2269	0.0000	0.0000	0.0003	0.0003
51680	FORMALDEHYDE	0.1506	0.0000	0.0000	0.0000	0.0000
52420	BENZENE	1.2271	0.0000	0.0000	0.0003	0.0003
52706	BIS 2-ETHYLHEXYL PHTHALATE DEHP	0.8595	0.0000	0.0000	0.0001	0.0001
55100	CHLOROPROPENE 3	0.1089	0.0000	0.0000	0.0000	0.0000
56600	HEXANE	0.0633	0.0000	0.0000	0.0000	0.0000
58241	CYANIDE AND COMPOUNDS	2.3593	0.0000	0.0000	0.0004	0.0004
70110	CHLORINE	1.1555	0.0000	0.0000	0.0000	0.0000
Total		67.7737	0.0000	0.0000	0.0130	0.0130