



2023 CONTAMINANT SUMMARY REPORT

October 02, 2024

2:35 pm

CN : CN600126767

Organization : SOUTHWESTERN ELECTRIC POWER COMPANY

RN : RN100213370

Account : TF0012D

Site : WELSH 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	28.2800	204.6000	0.0000	0.0000	0.0000
VOC	17.7706	125.5980	0.0000	0.0000	0.0000
CO	9732.3504	70995.0020	0.0000	0.0000	0.0000
NOX	4016.7827	29331.0040	0.0000	0.0000	0.0000
SO2	9495.6740	69324.0050	0.0000	0.0000	0.0000
PB	0.0197	0.1300	0.0000	0.0000	0.0000
PM10	76.2450	536.6263	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	102.8872	667.1174	0.0000	0.0000	0.0000
11160	HYDROCHLORIC ACID	15.7006	114.6000	0.0000	0.0000	0.0000
11162	HYDROFLUORIC ACID	20.6700	151.3100	0.0000	0.0000	0.0000
11175	SULFURIC ACID	3.6037	26.3000	0.0000	0.0000	0.0000
14051	BARIUM COMPOUNDS	0.1267	0.9240	0.0000	0.0000	0.0000
14144	COAL	17.8500	58.3350	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0934	0.6700	0.0000	0.0000	0.0000
14194	COPPER COMPOUNDS	0.0324	0.2400	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0197	0.1300	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.1010	0.7400	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0997	0.7300	0.0000	0.0000	0.0000
14700	THALLIUM-TL	0.0051	0.0350	0.0000	0.0000	0.0000
14760	VANADIUM	0.0263	0.1800	0.0000	0.0000	0.0000
14785	ZINC COMPOUNDS	0.2673	1.9500	0.0000	0.0000	0.0000
20000	PM10 PART-U	55.2903	394.8011	0.0000	0.0000	0.0000
21160	PM10 HYDROCHLORIC ACID	15.7006	114.6000	0.0000	0.0000	0.0000
21162	PM10 HYDROFLUORIC ACID	2.0679	15.1310	0.0000	0.0000	0.0000
21175	PM10 SULFURIC ACID	0.3604	2.6300	0.0000	0.0000	0.0000
24051	PM10 BARIUM COMPOUNDS	0.0127	0.0930	0.0000	0.0000	0.0000
24144	PM10 COAL	2.7700	9.0580	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0093	0.0670	0.0000	0.0000	0.0000
24194	PM10 COPPER COMPOUNDS	0.0032	0.0240	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0015	0.0102	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.0101	0.0740	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0100	0.0730	0.0000	0.0000	0.0000
24700	PM10 THALLIUM-TL	0.0005	0.0040	0.0000	0.0000	0.0000
24760	PM10 VANADIUM	0.0006	0.0040	0.0000	0.0000	0.0000
24785	PM10 ZINC COMPOUNDS	0.0079	0.0570	0.0000	0.0000	0.0000



2023 CONTAMINANT SUMMARY REPORT

October 02, 2024

2:35 pm

CN : CN600126767

Organization : SOUTHWESTERN ELECTRIC POWER COMPANY

RN : RN100213370

Account : TF0012D

Site : WELSH POWER 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)
39999	TOTAL PM2.5 PARTICULATE	28.2800	204.6000	0.0000	0.0000	0.0000
50001	VOC-UNCLASSIFIED	12.6200	88.5000	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.6800	4.9300	0.0000	0.0000	0.0000
51640	ACROLEIN	0.3500	2.5100	0.0000	0.0000	0.0000
51660	BUTYRALDEHYDE	0.1726	1.2602	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0216	0.1576	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.4600	3.2800	0.0000	0.0000	0.0000
52414	BENZYL CHLORIDE	0.8300	6.0600	0.0000	0.0000	0.0000
52420	BENZENE	0.0811	0.5921	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.1100	0.8100	0.0000	0.0000	0.0000
52490	TOLUENE	0.0353	0.2581	0.0000	0.0000	0.0000
53125	METHYL BROMIDE	0.1900	1.3800	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.3500	2.5100	0.0000	0.0000	0.0000
53280	METHYL CHLORIDE	0.6300	4.5900	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.4600	3.3700	0.0000	0.0000	0.0000
54200	ISOPHORONE	0.6800	5.0100	0.0000	0.0000	0.0000
58240	HYDROGEN CYANIDE GAS	0.4658	3.4010	0.0000	0.0000	0.0000
58241	CYANIDE AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
58650	CARBON DISULFIDE	0.1500	1.1200	0.0000	0.0000	0.0000
59002	DISTILLATE	0.1000	0.3000	0.0000	0.0000	0.0000
59807	METHYLHYDRAZINE	0.2000	1.4700	0.0000	0.0000	0.0000
70360	MERCURY VAPOR	0.0068	0.0463	0.0000	0.0000	0.0000
70400	NITROGEN OXIDES	4016.7827	29331.0040	0.0000	0.0000	0.0000
70510	SULFUR DIOXIDE	9495.6740	69324.0050	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	9732.3504	70995.0020	0.0000	0.0000	0.0000



2023 CONTAMINANT SUMMARY REPORT

October 02, 2024

2:35 pm

CN : CN600126767

Organization : SOUTHWESTERN ELECTRIC POWER COMPANY

RN : RN100213370

Account : TF0012D

Site : WELSH POWER PLANT

Last EI Date : 12/31/2023

HAPS SUMMARY REPORT

Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
11160	HYDROCHLORIC ACID	15.7006	114.6000	0.0000	0.0000	0.0000
11162	HYDROFLUORIC ACID	20.6700	151.3100	0.0000	0.0000	0.0000
14164	CHROMIUM AND COMPOUNDS	0.0934	0.6700	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0197	0.1300	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.1010	0.7400	0.0000	0.0000	0.0000
14391	NICKEL AND COMPOUNDS	0.0997	0.7300	0.0000	0.0000	0.0000
21160	PM10 HYDROCHLORIC ACID	15.7006	114.6000	0.0000	0.0000	0.0000
21162	PM10 HYDROFLUORIC ACID	2.0679	15.1310	0.0000	0.0000	0.0000
24164	PM10 CHROMIUM AND COMPOUNDS	0.0093	0.0670	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0015	0.0102	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.0101	0.0740	0.0000	0.0000	0.0000
24391	PM10 NICKEL AND COMPOUNDS	0.0100	0.0730	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.6800	4.9300	0.0000	0.0000	0.0000
51640	ACROLEIN	0.3500	2.5100	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.0216	0.1576	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.4600	3.2800	0.0000	0.0000	0.0000
52414	BENZYL CHLORIDE	0.8300	6.0600	0.0000	0.0000	0.0000
52420	BENZENE	0.0811	0.5921	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.1100	0.8100	0.0000	0.0000	0.0000
52490	TOLUENE	0.0353	0.2581	0.0000	0.0000	0.0000
53125	METHYL BROMIDE	0.1900	1.3800	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.3500	2.5100	0.0000	0.0000	0.0000
53280	METHYL CHLORIDE	0.6300	4.5900	0.0000	0.0000	0.0000
54200	ISOPHORONE	0.6800	5.0100	0.0000	0.0000	0.0000
58240	HYDROGEN CYANIDE GAS	0.4658	3.4010	0.0000	0.0000	0.0000
58241	CYANIDE AND COMPOUNDS	0.0000	0.0000	0.0000	0.0000	0.0000
58650	CARBON DISULFIDE	0.1500	1.1200	0.0000	0.0000	0.0000
59807	METHYLHYDRAZINE	0.2000	1.4700	0.0000	0.0000	0.0000
70360	MERCURY VAPOR	0.0068	0.0463	0.0000	0.0000	0.0000
Total		59.7244	436.2603	0.0000	0.0000	0.0000