



2023 CONTAMINANT SUMMARY REPORT

June 19, 2024

2:18 pm

CN : CN605521988

Organization : COLETO CREEK POWER LLC

RN : RN100226919

Account : GF0002R

Site : COLETO CREEK POWER

Last EI Date : 12/31/2023

STATION

CRITERIA EMISSIONS TOTALS

Pollutant Class	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
PM2.5	178.5373	1429.6604	0.0000	0.1492	0.1492
VOC	31.4456	256.3260	0.0000	0.0000	0.0000
CO	3712.6087	29890.9081	0.0000	0.0000	0.0000
NOX	2121.6953	16946.4057	0.0000	0.0048	0.0048
SO2	9577.4000	82324.1831	0.0000	0.0000	0.0000
PB	0.0415	0.3323	0.0000	0.0000	0.0000
PM10	336.9434	2696.2730	0.0000	0.1492	0.1492

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Contam	Contam Name	Annual (TPY)	Ozone (PPD)	SMSS (TPY)	Emiss Event (TPY)	EE/SMSS (TPY)
10000	PART-U	326.8564	2617.1019	0.0000	0.1492	0.1492
14020	ANTIMONY-SB	0.0053	0.0397	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0223	0.1792	0.0000	0.0000	0.0000
14050	BARIUM - BA	1.5134	12.1520	0.0000	0.0000	0.0000
14070	BERYLLIUM-BE	0.0012	0.0095	0.0000	0.0000	0.0000
14110	CADMIUM-CD	0.0097	0.0775	0.0000	0.0000	0.0000
14160	CHROMIUM-CR	0.0665	0.5332	0.0000	0.0000	0.0000
14165	CHROME- HEXAVALENT	0.0619	0.5045	0.0000	0.0000	0.0000
14170	COBALT-CO	0.0206	0.1625	0.0000	0.0000	0.0000
14190	COPPER-CU	0.0727	0.5826	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0415	0.3323	0.0000	0.0000	0.0000
14335	MAGNESIUM-MG	8.6137	70.2427	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.0000	0.0000	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.1546	1.2405	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0109	0.0796	0.0000	0.0000	0.0000
14390	NICKEL-NI	0.1066	0.7910	0.0000	0.0000	0.0000
14590	SELENIUM-SE	1.0181	0.2151	0.0000	0.0000	0.0000
14700	THALLIUM-TL	0.0030	0.0240	0.0000	0.0000	0.0000
14760	VANADIUM	0.1131	0.8710	0.0000	0.0000	0.0000
14780	ZINC-ZN	0.2832	2.2649	0.0000	0.0000	0.0000
20000	PM10 PART-U	324.8251	2605.9712	0.0000	0.1492	0.1492
24020	PM10 ANTIMONY-SB	0.0053	0.0397	0.0000	0.0000	0.0000
24030	PM10 ARSENIC - AS	0.0223	0.1792	0.0000	0.0000	0.0000
24050	PM10 BARIUM - BA	1.5134	12.1520	0.0000	0.0000	0.0000
24070	PM10 BERYLLIUM-BE	0.0012	0.0095	0.0000	0.0000	0.0000
24110	PM10 CADMIUM-CD	0.0097	0.0775	0.0000	0.0000	0.0000
24160	PM10 CHROMIUM-CR	0.0665	0.5332	0.0000	0.0000	0.0000
24165	PM10 CHROME - HEXAVALENT	0.0619	0.5045	0.0000	0.0000	0.0000



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24170	PM10 COBALT-CO	0.0206	0.1625	0.0000	0.0000	0.0000
24190	PM10 COPPER-CU	0.0727	0.5826	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0415	0.3323	0.0000	0.0000	0.0000
24335	PM10 MAGNESIUM-MG	8.6137	70.2427	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.0000	0.0000	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.1546	1.2405	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0109	0.0796	0.0000	0.0000	0.0000
24390	PM10 NICKEL-NI	0.1066	0.7910	0.0000	0.0000	0.0000
24590	PM10 SELENIUM-SE	1.0181	0.2151	0.0000	0.0000	0.0000
24700	PM10 THALLIUM-TL	0.0030	0.0240	0.0000	0.0000	0.0000
24760	PM10 VANADIUM	0.1131	0.8710	0.0000	0.0000	0.0000
24780	PM10 ZINC-ZN	0.2832	2.2649	0.0000	0.0000	0.0000
39999	TOTAL PM2.5 PARTICULATE	178.5373	1429.6604	0.0000	0.1492	0.1492
50001	VOC-UNCLASSIFIED	24.7873	202.0825	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.4463	3.6398	0.0000	0.0000	0.0000
51640	ACROLEIN	0.2271	1.8519	0.0000	0.0000	0.0000
51680	FORMALDEHYDE	0.1996	1.5330	0.0000	0.0000	0.0000
51721	PROPIONALDEHYDE	0.2976	2.4266	0.0000	0.0000	0.0000
52420	BENZENE	1.0181	8.3019	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0736	0.6004	0.0000	0.0000	0.0000
52490	TOLUENE	0.1901	1.5461	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0290	0.2365	0.0000	0.0000	0.0000
52706	BIS 2-ETHYLHEXYL PHTHALATE DEHP	0.0572	0.4662	0.0000	0.0000	0.0000
53125	METHYL BROMIDE	0.1253	1.0217	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.2271	1.8519	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0313	0.2554	0.0000	0.0000	0.0000
53280	METHYL CHLORIDE	0.4150	3.3844	0.0000	0.0000	0.0000
53621	BENZOYL CHLORIDE	0.5481	4.4700	0.0000	0.0000	0.0000
54065	METHYL ETHYL KETONE	0.3054	2.4904	0.0000	0.0000	0.0000
54200	ISOPHORONE	0.4542	3.7037	0.0000	0.0000	0.0000
58241	CYANIDE AND COMPOUNDS	1.9577	15.9642	0.0000	0.0000	0.0000
58650	CARBON DISULFIDE	0.1018	0.8301	0.0000	0.0000	0.0000
59003	GASOLINE	0.0080	0.1050	0.0000	0.0000	0.0000
59200	FUEL OIL-U	0.0398	0.3306	0.0000	0.0000	0.0000
59807	METHYLHYDRAZINE	0.1331	1.0856	0.0000	0.0000	0.0000
60000	METHANE	39.1715	319.3987	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	13.4994	108.3118	0.0000	0.0000	0.0000
70250	HYDROGEN FLUORIDE	55.6600	415.0763	0.0000	0.0000	0.0000



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70400	NITROGEN OXIDES	2121.6953	16946.4057	0.0000	0.0048	0.0048
70510	SULFUR DIOXIDE	9577.4000	82324.1831	0.0000	0.0000	0.0000
70516	SULFURIC ACID VAPOR	7.2236	62.0916	0.0000	0.0000	0.0000
90300	CARBON MONOXIDE	3712.6087	29890.9081	0.0000	0.0000	0.0000



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14020	ANTIMONY-SB	0.0053	0.0397	0.0000	0.0000	0.0000
14030	ARSENIC - AS	0.0223	0.1792	0.0000	0.0000	0.0000
14070	BERYLLIUM-BE	0.0012	0.0095	0.0000	0.0000	0.0000
14110	CADMIUM-CD	0.0097	0.0775	0.0000	0.0000	0.0000
14160	CHROMIUM-CR	0.0665	0.5332	0.0000	0.0000	0.0000
14165	CHROME- HEXAVALENT	0.0619	0.5045	0.0000	0.0000	0.0000
14170	COBALT-CO	0.0206	0.1625	0.0000	0.0000	0.0000
14310	LEAD-PB	0.0415	0.3323	0.0000	0.0000	0.0000
14350	MANGANESE-MN	0.0000	0.0000	0.0000	0.0000	0.0000
14355	MANGANESE AND COMPOUNDS	0.1546	1.2405	0.0000	0.0000	0.0000
14360	MERCURY-HG	0.0109	0.0796	0.0000	0.0000	0.0000
14390	NICKEL-NI	0.1066	0.7910	0.0000	0.0000	0.0000
14590	SELENIUM-SE	1.0181	0.2151	0.0000	0.0000	0.0000
24020	PM10 ANTIMONY-SB	0.0053	0.0397	0.0000	0.0000	0.0000
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24070	PM10 BERYLLIUM-BE	0.0012	0.0095	0.0000	0.0000	0.0000
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24165	PM10 CHROME - HEXAVALENT	0.0619	0.5045	0.0000	0.0000	0.0000
24170	PM10 COBALT-CO	0.0206	0.1625	0.0000	0.0000	0.0000
24310	PM10 LEAD-PB	0.0415	0.3323	0.0000	0.0000	0.0000
24350	PM10 MANGANESE-MN	0.0000	0.0000	0.0000	0.0000	0.0000
24355	PM10 MANGANESE COMPOUNDS	0.1546	1.2405	0.0000	0.0000	0.0000
24360	PM10 MERCURY-HG	0.0109	0.0796	0.0000	0.0000	0.0000
24390	PM10 NICKEL-NI	0.1066	0.7910	0.0000	0.0000	0.0000
24590	PM10 SELENIUM-SE	1.0181	0.2151	0.0000	0.0000	0.0000
51620	ACETALDEHYDE	0.4463	3.6398	0.0000	0.0000	0.0000
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52420	BENZENE	1.0181	8.3019	0.0000	0.0000	0.0000
52450	ETHYL BENZENE	0.0736	0.6004	0.0000	0.0000	0.0000
52490	TOLUENE	0.1901	1.5461	0.0000	0.0000	0.0000
52510	XYLENE-U	0.0290	0.2365	0.0000	0.0000	0.0000
52706	BIS 2-ETHYLHEXYL PHTHALATE DEHP	0.0572	0.4662	0.0000	0.0000	0.0000
53125	METHYL BROMIDE	0.1253	1.0217	0.0000	0.0000	0.0000
53250	METHYLENE CHLORIDE	0.2271	1.8519	0.0000	0.0000	0.0000
53270	1,2-DICHLOROETHANE	0.0313	0.2554	0.0000	0.0000	0.0000



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54200	ISOPHORONE	0.4542	3.7037	0.0000	0.0000	0.0000
58241	CYANIDE AND COMPOUNDS	1.9577	15.9642	0.0000	0.0000	0.0000
58650	CARBON DISULFIDE	0.1018	0.8301	0.0000	0.0000	0.0000
59807	METHYLHYDRAZINE	0.1331	1.0856	0.0000	0.0000	0.0000
70200	HYDROGEN CHLORIDE	13.4994	108.3118	0.0000	0.0000	0.0000
70250	HYDROGEN FLUORIDE	55.6600	415.0763	0.0000	0.0000	0.0000
Total		78.1819	580.4167	0.0000	0.0000	0.0000