

**Air Emissions – Utilities Block Stack (Point Source 1)**

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results September 2022				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m <sup>3</sup>	0.0002	6 Monthly	1	<0.0000009	<0.0000009	<0.0000009	<0.0000009	N
Chlorine	g/m <sup>3</sup>	0.2	6 Monthly	1	<0.00008	<0.00008	<0.00008	<0.00008	N
Mercury	g/m <sup>3</sup>	0.0002	6 Monthly	1	<0.000001	<0.000001	<0.000001	<0.000001	N
Nitrogen Oxides	g/m <sup>3</sup>	0.3	6 Monthly	1	0.17	0.17	0.17	0.17	N
Hydrogen Sulfide	g/m <sup>3</sup>	0.005	6 Monthly	1	<0.0005	<0.0005	<0.0005	<0.0005	N
Dioxins & Furans	ng/m <sup>3</sup>	0.1	Yearly	1	0.0015	0.0015	0.0015	0.0015	N
Hydrogen Chloride	g/m <sup>3</sup>	0.1	6 Monthly	1	0.0019	0.0019	0.0019	0.0019	N
Solid Particles (PM10)	g/m <sup>3</sup>	0.05	6 Monthly	1	0.027	0.027	0.027	0.027	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m <sup>3</sup>	0.1	6 Monthly	1	0.026	0.026	0.026	0.026	N
Total Fluoride	g/m <sup>3</sup>	0.05	6 Monthly	1	0.0011	0.0011	0.0011	0.0011	N
Hazardous Substances	g/m <sup>3</sup>	0.001	6 Monthly	1	≤0.000049	≤0.000049	≤0.000049	≤0.000049	N
VOCs	g/m <sup>3</sup>	0.04	6 Monthly	1	0.012	0.012	0.012	0.012	N
Temperature	K	N/A	6 Monthly	1	721	721	721	721	N/A
Chromium	g/m <sup>3</sup>	N/A	6 Monthly	1	<0.0000021	<0.0000021	<0.0000021	<0.0000021	N/A
Oxygen	%	N/A	6 Monthly	1	5.1	5.1	5.1	5.1	N/A
Sulphur Dioxide	g/m <sup>3</sup>	N/A	6 Monthly	1	0.69	0.69	0.69	0.69	N/A
Moisture Content	%	N/A	6 Monthly	1	22	22	22	22	N/A
Carbon Monoxide	g/m <sup>3</sup>	N/A	6 Monthly	1	0.0057	0.0057	0.0057	0.0057	N/A
P.A.H.	ng/m <sup>3</sup>	N/A	6 Monthly	1	1700	1700	1700	1700	N/A
P.A.H. (BaP-TEQ)	ng/m <sup>3</sup>	N/A	6 Monthly	1	14	14	14	14	N/A
Velocity	m/s	N/A	6 Monthly	1	17	17	17	17	N/A
Volumetric Flowrate	m <sup>3</sup> /s	N/A	6 Monthly	1	4.7	4.7	4.7	4.7	N/A
Dry Gas Density	kg/m <sup>3</sup>	N/A	6 Monthly	1	1.22	1.22	1.22	1.22	N/A
Speciated Organic Compounds	g/m <sup>3</sup>	N/A	6 Monthly	1	<0.0001	<0.0001	<0.0001	<0.0001	N/A