

Air Emissions – Utilities Block Stack (Point Source 1)

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results November 2024				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m ³	0.0002	6 Monthly	1	0.00000011	0.00000011	0.00000011	0.00000011	N
Chlorine	g/m ³	0.2	6 Monthly	1	<0.00006	<0.00006	<0.00006	<0.00006	N
Mercury	g/m ³	0.0002	6 Monthly	1	<0.0000007	<0.0000007	<0.0000007	<0.0000007	N
Nitrogen Oxides	g/m ³	0.3	6 Monthly	1	0.11	0.11	0.11	0.11	N
Hydrogen Sulfide	g/m ³	0.005	6 Monthly	1	<0.0003	<0.0003	<0.0003	<0.0003	N
Dioxins & Furans	ng/m ³	0.1	Yearly	1	0.0036	0.0036	0.0036	0.0036	N
Hydrogen Chloride	g/m ³	0.1	6 Monthly	1	0.0049	0.0049	0.0049	0.0049	N
Solid Particles (PM10)	g/m ³	0.05	6 Monthly	1	0.027	0.027	0.027	0.027	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m ³	0.1	6 Monthly	1	0.0046	0.0046	0.0046	0.0046	N
Total Fluoride	g/m ³	0.05	6 Monthly	1	0.0026	0.0026	0.0026	0.0026	N
Hazardous Substances	g/m ³	0.001	6 Monthly	1	≤0.00011	≤0.00011	≤0.00011	≤0.00011	N
VOCs	g/m ³	0.04	6 Monthly	1	0.033	0.033	0.033	0.033	N
Temperature	K	N/A	6 Monthly	1	748	748	748	748	N/A
Chromium	g/m ³	N/A	6 Monthly	1	<0.000009	<0.000009	<0.000009	<0.000009	N/A
Oxygen	%	N/A	6 Monthly	1	7	7	7	7	N/A
Sulphur Dioxide	g/m ³	N/A	6 Monthly	1	0.46	0.46	0.46	0.46	N/A
Moisture Content	%	N/A	6 Monthly	1	20	20	20	20	N/A
Carbon Monoxide	g/m ³	N/A	6 Monthly	1	0.0026	0.0026	0.0026	0.0026	N/A
P.A.H.	ng/m ³	N/A	6 Monthly	1	1800	1800	1800	1800	N/A
P.A.H. (BaP-TEQ)	ng/m ³	N/A	6 Monthly	1	11	11	11	11	N/A
Velocity	m/s	N/A	6 Monthly	1	18	18	18	18	N/A
Volumetric Flowrate	m ³ /s	N/A	6 Monthly	1	4.4	4.4	4.4	4.4	N/A
Dry Gas Density	kg/m ³	N/A	6 Monthly	1	1.22	1.22	1.22	1.22	N/A
Speciated Organic Compounds	g/m ³	N/A	6 Monthly	1	<0.00009	<0.00009	<0.0009	<0.0009	N/A