

Air Emissions – Utilities Block Stack (Point Source 1)

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results January 2022				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m ³	0.0002	6 Monthly	1	<0.0000008	<0.0000008	<0.0000008	<0.0000008	N
Chlorine	g/m ³	0.2	6 Monthly	1	0.000044	0.000044	0.000044	0.000044	N
Mercury	g/m ³	0.0002	6 Monthly	1	<0.000002	<0.000002	<0.000002	<0.000002	N
Nitrogen Oxides	g/m ³	0.3	6 Monthly	1	0.17	0.17	0.17	0.17	N
Hydrogen Sulfide	g/m ³	0.005	6 Monthly	1	<0.0004	<0.0004	<0.0004	<0.0004	N
Dioxins & Furans	ng/m ³	0.1	Yearly	1	0.00044	0.00044	0.00044	0.00044	N
Hydrogen Chloride	g/m ³	0.1	6 Monthly	1	0.0053	0.0053	0.0053	0.0053	N
Solid Particles (PM10)	g/m ³	0.05	6 Monthly	1	0.026	0.026	0.026	0.026	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m ³	0.1	6 Monthly	1	0.02	0.02	0.02	0.02	N
Total Fluoride	g/m ³	0.05	6 Monthly	1	0.0015	0.0015	0.0015	0.0015	N
Hazardous Substances	g/m ³	0.001	6 Monthly	1	≤0.00004	≤0.00004	≤0.00004	≤0.00004	N
VOCs	g/m ³	0.04	6 Monthly	1	0.0005	0.0005	0.0005	0.0005	N
Temperature	K	N/A	6 Monthly	1	706	706	706	706	N/A
Chromium	g/m ³	N/A	6 Monthly	1	<0.000001	<0.000001	<0.000001	<0.000001	N/A
Oxygen	%	N/A	6 Monthly	1	4.2	4.2	4.2	4.2	N/A
Sulphur Dioxide	g/m ³	N/A	6 Monthly	1	1.1	1.1	1.1	1.1	N/A
Moisture Content	%	N/A	6 Monthly	1	22	22	22	22	N/A
Carbon Monoxide	g/m ³	N/A	6 Monthly	1	0.005	0.005	0.005	0.005	N/A
P.A.H.	ng/m ³	N/A	6 Monthly	1	23000	23000	23000	23000	N/A
P.A.H. (BaP-TEQ)	ng/m ³	N/A	6 Monthly	1	1500	1500	1500	1500	N/A
Velocity	m/s	N/A	6 Monthly	1	17	17	17	17	N/A
Volumetric Flowrate	m ³ /s	N/A	6 Monthly	1	4.6	4.6	4.6	4.6	N/A
Dry Gas Density	kg/m ³	N/A	6 Monthly	1	1.21	1.21	1.21	1.21	N/A
Speciated Organic Compounds	g/m ³	N/A	6 Monthly	1	<0.00006	<0.00006	<0.00006	<0.00006	N/A