

Air Emissions – Utilities Block Stack (Point Source 1)

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results September 2018				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m ³	0.0002	Quarterly	1	<0.0000002	<0.0000002	<0.0000002	<0.0000002	N
Chlorine	g/m ³	0.2	Quarterly	1	0.00008	0.00008	0.00008	0.00008	N
Mercury	g/m ³	0.0002	Quarterly	1	<0.000003	<0.000003	<0.000003	<0.000003	N
Nitrogen Oxides	g/m ³	0.3	Quarterly	1	0.19	0.19	0.19	0.19	N
Hydrogen Sulfide	g/m ³	0.005	Quarterly	1	<0.00001	<0.00001	<0.00001	<0.00001	N
Dioxins & Furans	ng/m ³	0.1	Yearly						N
Hydrogen Chloride	g/m ³	0.1	Quarterly	1	0.0078	0.0078	0.0078	0.0078	N
Solid Particles (PM10)	g/m ³	0.05	Quarterly	1	0.028	0.028	0.028	0.028	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m ³	0.1	Quarterly	1	0.021	0.021	0.021	0.021	N
Total Fluoride	g/m ³	0.05	Quarterly	1	0.0047	0.0047	0.0047	0.0047	N
Hazardous Substances	g/m ³	0.001	Quarterly	1	≤0.000027	≤0.000027	≤0.000027	≤0.000027	N
VOCs	g/m ³	0.04	Quarterly	1	0.000024	0.000024	0.000024	0.000024	N
Temperature	K	N/A	Quarterly	1	739	739	739	739	N/A
Chromium	g/m ³	N/A	Quarterly	1	0.0000022	0.0000022	0.0000022	0.0000022	N/A
Oxygen	%	N/A	Quarterly	1	5.9	5.9	5.9	5.9	N/A
Sulphur Dioxide	g/m ³	N/A	Quarterly	1	1	1	1	1	N/A
Moisture Content	%	N/A	Quarterly	1	21	21	21	21	N/A
Carbon Monoxide	g/m ³	N/A	Quarterly	1	0.0084	0.0084	0.0084	0.0084	N/A
P.A.H.	ng/m ³	N/A	Quarterly	1	19000	19000	19000	19000	N/A
P.A.H. (BaP-TEQ)	ng/m ³	N/A	Quarterly	1	21	21	21	21	N/A
Velocity	m/s	N/A	Quarterly	1	17	17	17	17	N/A
Volumetric Flowrate	m ³ /s	N/A	Quarterly	1	4.6	4.6	4.6	4.6	N/A
Dry Gas Density	kg/m ³	N/A	Quarterly	1	1.22	1.22	1.22	1.22	N/A
Speciated Organic Compounds	g/m ³	N/A	Quarterly	1	0.000006	0.000006	0.000006	0.000006	N/A