

Air Emissions – Utilities Block Stack (Point Source 1)

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results March 2019				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m ³	0.0002	Quarterly	1	<0.0000008	<0.0000008	<0.0000008	<0.0000008	N
Chlorine	g/m ³	0.2	Quarterly	1	0.000034	0.000034	0.000034	0.000034	N
Mercury	g/m ³	0.0002	Quarterly	1	<0.0000005	<0.0000005	<0.0000005	<0.0000005	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	<0.000001	<0.000001	<0.000001	<0.000001	N
Dioxins & Furans	ng/m ³	0.1	Yearly	1					N
Hydrogen Chloride	g/m ³	0.1	Quarterly	1	0.0026	0.0026	0.0026	0.0026	N
Solid Particles (PM10)	g/m ³	0.05	Quarterly	1	0.017	0.017	0.017	0.017	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m ³	0.1	Quarterly	1	0.024	0.024	0.024	0.024	N
Total Fluoride	g/m ³	0.05	Quarterly	1	0.0003	0.0003	0.0003	0.0003	N
Hazardous Substances	g/m ³	0.001	Quarterly	1	≤0.000046	≤0.000046	≤0.000046	≤0.000046	N
VOCs	g/m ³	0.04	Quarterly	1	0.000017	0.000017	0.000017	0.000017	N
Temperature	K	N/A	Quarterly	1	721	721	721	721	N/A
Chromium	g/m ³	N/A	Quarterly	1	0.000002	0.000002	0.000002	0.000002	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	0.54	0.54	0.54	0.54	N/A
Moisture Content	%	N/A	Quarterly	1	19	19	19	19	N/A
Carbon Monoxide	g/m ³	N/A	Quarterly	1	<0.002	<0.002	<0.002	<0.002	N/A
P.A.H.	ng/m ³	N/A	Quarterly	1	6700	6700	6700	6700	N/A
P.A.H. (BaP-TEQ)	ng/m ³	N/A	Quarterly	1	46	46	46	46	N/A
Velocity	m/s	N/A	Quarterly	1	18	18	18	18	N/A
Volumetric Flowrate	m ³ /s	N/A	Quarterly	1	4.9	4.9	4.9	4.9	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	<0.000002	<0.000002	<0.000002	<0.000002	N/A