

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

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results June 2018				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m <sup>3</sup>	0.0002	Quarterly	1	<0.0000005	<0.0000005	<0.0000005	<0.0000005	N
Chlorine	g/m <sup>3</sup>	0.2	Quarterly	1	0.00014	0.00014	0.00014	0.00014	N
Mercury	g/m <sup>3</sup>	0.0002	Quarterly	1	0.00000053	0.00000053	0.00000053	0.00000053	N
Nitrogen Oxides	g/m <sup>3</sup>	0.3	Quarterly	1	0.19	0.19	0.19	0.19	N
Hydrogen Sulfide	g/m <sup>3</sup>	0.005	Quarterly	1	0.000067	0.000067	0.000067	0.000067	N
Dioxins & Furans	ng/m <sup>3</sup>	0.1	Yearly						N
Hydrogen Chloride	g/m <sup>3</sup>	0.1	Quarterly	1	0.015	0.015	0.015	0.015	N
Solid Particles (PM10)	g/m <sup>3</sup>	0.05	Quarterly	1	0.041	0.041	0.041	0.041	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m <sup>3</sup>	0.1	Quarterly	1	0.071	0.071	0.071	0.071	N
Total Fluoride	g/m <sup>3</sup>	0.05	Quarterly	1	0.001	0.001	0.001	0.001	N
Hazardous Substances	g/m <sup>3</sup>	0.001	Quarterly	1	≤0.000056	≤0.000056	≤0.000056	≤0.000056	N
VOCs	g/m <sup>3</sup>	0.04	Quarterly	1	0.0019	0.0019	0.0019	0.0019	N
Temperature	K	N/A	Quarterly	1	730	730	730	730	N/A
Chromium	g/m <sup>3</sup>	N/A	Quarterly	1	0.000017	0.000017	0.000017	0.000017	N/A
Oxygen	%	N/A	Quarterly	1	6.5	6.5	6.5	6.5	N/A
Sulphur Dioxide	g/m <sup>3</sup>	N/A	Quarterly	1	0.55	0.55	0.55	0.55	N/A
Moisture Content	%	N/A	Quarterly	1	17	17	17	17	N/A
Carbon Monoxide	g/m <sup>3</sup>	N/A	Quarterly	1	<0.002	<0.002	<0.002	<0.002	N/A
P.A.H.	ng/m <sup>3</sup>	N/A	Quarterly	1	2200	2200	2200	2200	N/A
P.A.H. (BaP-TEQ)	ng/m <sup>3</sup>	N/A	Quarterly	1	19	19	19	19	N/A
Velocity	m/s	N/A	Quarterly	1	17	17	17	17	N/A
Volumetric Flowrate	m <sup>3</sup> /s	N/A	Quarterly	1	4.7	4.7	4.7	4.7	N/A
Dry Gas Density	kg/m <sup>3</sup>	N/A	Quarterly	1	1.23	1.23	1.23	1.23	N/A
Speciated Organic Compounds	g/m <sup>3</sup>	N/A	Quarterly	1	<0.000003	<0.000003	<0.000003	<0.000003	N/A