

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

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results March 2018				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m <sup>3</sup>	0.0002	Quarterly	1	<0.0000008	<0.0000008	<0.0000008	<0.0000008	N
Chlorine	g/m <sup>3</sup>	0.2	Quarterly	1	0.00003	0.00003	0.00003	0.00003	N
Mercury	g/m <sup>3</sup>	0.0002	Quarterly	1	0.0000011	0.0000011	0.0000011	0.0000011	N
Nitrogen Oxides	g/m <sup>3</sup>	0.3	Quarterly	1	0.22	0.22	0.22	0.22	N
Hydrogen Sulfide	g/m <sup>3</sup>	0.005	Quarterly	1	<0.00004	<0.00004	<0.00004	<0.00004	N
Dioxins & Furans	ng/m <sup>3</sup>	0.1	Yearly						N
Hydrogen Chloride	g/m <sup>3</sup>	0.1	Quarterly	1	0.0051	0.0051	0.0051	0.0051	N
Solid Particles (PM10)	g/m <sup>3</sup>	0.05	Quarterly	1	0.024	0.024	0.024	0.024	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m <sup>3</sup>	0.1	Quarterly	1	0.0077	0.0077	0.0077	0.0077	N
Total Fluoride	g/m <sup>3</sup>	0.05	Quarterly	1	0.0012	0.0012	0.0012	0.0012	N
Hazardous Substances	g/m <sup>3</sup>	0.001	Quarterly	1	≤0.000041	≤0.000041	≤0.000041	≤0.000041	N
VOCs	g/m <sup>3</sup>	0.04	Quarterly	1	0.00028	0.00028	0.00028	0.00028	N
Temperature	K	N/A	Quarterly	1	748	748	748	748	N/A
Chromium	g/m <sup>3</sup>	N/A	Quarterly	1	<0.0000008	<0.0000008	<0.0000008	<0.0000008	N/A
Oxygen	%	N/A	Quarterly	1	6.3	6.3	6.3	6.3	N/A
Sulphur Dioxide	g/m <sup>3</sup>	N/A	Quarterly	1	0.65	0.65	0.65	0.65	N/A
Moisture Content	%	N/A	Quarterly	1	21	21	21	21	N/A
Carbon Monoxide	g/m <sup>3</sup>	N/A	Quarterly	1	0.054	0.054	0.054	0.054	N/A
P.A.H.	ng/m <sup>3</sup>	N/A	Quarterly	1	2300	2300	2300	2300	N/A
P.A.H. (BaP-TEQ)	ng/m <sup>3</sup>	N/A	Quarterly	1	32	32	32	32	N/A
Velocity	m/s	N/A	Quarterly	1	18	18	18	18	N/A
Volumetric Flowrate	m <sup>3</sup> /s	N/A	Quarterly	1	4.8	4.8	4.8	4.8	N/A
Dry Gas Density	kg/m <sup>3</sup>	N/A	Quarterly	1	1.33	1.33	1.33	1.33	N/A
Speciated Organic Compounds	g/m <sup>3</sup>	N/A	Quarterly	1	0.000049	0.000049	0.000049	0.000049	N/A