

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

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results September 2017				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m <sup>3</sup>	0.0002	Quarterly	1	<0.0000007	<0.0000007	<0.0000007	<0.0000007	N
Chlorine	g/m <sup>3</sup>	0.2	Quarterly	1	<0.00002	<0.00002	<0.00002	<0.00002	N
Mercury	g/m <sup>3</sup>	0.0002	Quarterly	1	0.00000034	0.00000034	0.00000034	0.00000034	N
Nitrogen Oxides	g/m <sup>3</sup>	0.3	Quarterly	1	0.23	0.23	0.23	0.23	N
Hydrogen Sulfide	g/m <sup>3</sup>	0.005	Quarterly	1	0.00026	0.00026	0.00026	0.00026	N
Dioxins & Furans	ng/m <sup>3</sup>	0.1	Yearly	1					N
Hydrogen Chloride	g/m <sup>3</sup>	0.1	Quarterly	1	0.0043	0.0043	0.0043	0.0043	N
Solid Particles (PM10)	g/m <sup>3</sup>	0.05	Quarterly	1	0.049	0.049	0.049	0.049	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m <sup>3</sup>	0.1	Quarterly	1	0.059	0.059	0.059	0.059	N
Total Fluoride	g/m <sup>3</sup>	0.05	Quarterly	1	0.0022	0.0022	0.0022	0.0022	N
Hazardous Substances	g/m <sup>3</sup>	0.001	Quarterly	1	0.0000087	0.0000087	0.0000087	0.0000087	N
VOCs	g/m <sup>3</sup>	0.04	Quarterly	1	0.00003	0.00003	0.00003	0.00003	N
Temperature	K	N/A	Quarterly	1	721	721	721	721	N/A
Chromium	g/m <sup>3</sup>	N/A	Quarterly	1	<0.000001	<0.000001	<0.000001	<0.000001	N/A
Oxygen	%	N/A	Quarterly	1	4.9	4.9	4.9	4.9	N/A
Sulphur Dioxide	g/m <sup>3</sup>	N/A	Quarterly	1	0.64	0.64	0.64	0.64	N/A
Moisture Content	%	N/A	Quarterly	1	18	18	18	18	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	6700	6700	6700	6700	N/A
P.A.H. (BaP-TEQ)	ng/m <sup>3</sup>	N/A	Quarterly	1	37	37	37	37	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	5	5	5	5	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	0.000065	0.000065	0.000065	0.000065	N/A