

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

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results December 2019				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	0.000047	0.000047	0.000047	0.000047	N
Mercury	g/m <sup>3</sup>	0.0002	Quarterly	1	<0.000001	<0.000001	<0.000001	<0.000001	N
Nitrogen Oxides	g/m <sup>3</sup>	0.3	Quarterly	1	0.2	0.2	0.2	0.2	N
Hydrogen Sulfide	g/m <sup>3</sup>	0.005	Quarterly	1	<0.00001	<0.00001	<0.00001	<0.00001	N
Dioxins & Furans	ng/m <sup>3</sup>	0.1	Yearly	1	0.001	0.001	0.001	0.001	N
Hydrogen Chloride	g/m <sup>3</sup>	0.1	Quarterly	1	0.0046	0.0046	0.0046	0.0046	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	0.012	0.012	0.012	0.012	N
Total Fluoride	g/m <sup>3</sup>	0.05	Quarterly	1	0.0033	0.0033	0.0033	0.0033	N
Hazardous Substances	g/m <sup>3</sup>	0.001	Quarterly	1	≤0.000029	≤0.000029	≤0.000029	≤0.000029	N
VOCs	g/m <sup>3</sup>	0.04	Quarterly	1	0.000016	0.000016	0.000016	0.000016	N
Temperature	K	N/A	Quarterly	1	743	743	743	743	N/A
Chromium	g/m <sup>3</sup>	N/A	Quarterly	1	0.00000096	0.00000096	0.00000096	0.00000096	N/A
Oxygen	%	N/A	Quarterly	1	5.1	5.1	5.1	5.1	N/A
Sulphur Dioxide	g/m <sup>3</sup>	N/A	Quarterly	1	0.75	0.75	0.75	0.75	N/A
Moisture Content	%	N/A	Quarterly	1	15	15	15	15	N/A
Carbon Monoxide	g/m <sup>3</sup>	N/A	Quarterly	1	<0.003	<0.003	<0.003	<0.003	N/A
P.A.H.	ng/m <sup>3</sup>	N/A	Quarterly	1	6800	6800	6800	6800	N/A
P.A.H. (BaP-TEQ)	ng/m <sup>3</sup>	N/A	Quarterly	1	3.7	3.7	3.7	3.7	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	4.5	4.5	4.5	4.5	N/A
Dry Gas Density	kg/m <sup>3</sup>	N/A	Quarterly	1	1.25	1.25	1.25	1.25	N/A
Speciated Organic Compounds	g/m <sup>3</sup>	N/A	Quarterly	1	<0.000006	<0.000006	<0.000006	<0.000006	N/A