

Air Emissions – Utilities Block Stack (Point Source 1)									
Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results May 2024				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m ³	0.0002	6 Monthly	1	<0.0000005	<0.0000005	<0.0000005	<0.0000005	N
Chlorine	g/m ³	0.2	6 Monthly	1	<0.00006	<0.00006	<0.00006	<0.00006	N
Mercury	g/m ³	0.0002	6 Monthly	1	<0.0000008	<0.0000008	<0.0000008	<0.0000008	N
Nitrogen Oxides	g/m ³	0.3	6 Monthly	1	0.16	0.16	0.16	0.16	N
Hydrogen Sulfide	g/m ³	0.005	6 Monthly	1	<0.0032	<0.0032	<0.0032	<0.0032	N
Hydrogen Chloride	g/m ³	0.1	6 Monthly	1	0.000074	0.000074	0.000074	0.000074	N
Solid Particles (PM10)	g/m ³	0.05	6 Monthly	1	0.049	0.049	0.049	0.049	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m ³	0.1	6 Monthly	1	0.012	0.012	0.012	0.012	N
Total Fluoride	g/m ³	0.05	6 Monthly	1	0.0019	0.0019	0.0019	0.0019	N
Hazardous Substances	g/m ³	0.001	6 Monthly	1	≤0.00081	≤0.00081	≤0.00081	≤0.00081	N
VOCs	g/m ³	0.04	6 Monthly	1	0.0093	0.0093	0.0093	0.0093	N
Temperature	K	N/A	6 Monthly	1	696	696	696	696	N/A
Chromium	g/m ³	N/A	6 Monthly	1	<0.000003	<0.000003	<0.000003	<0.000003	N/A
Oxygen	%	N/A	6 Monthly	1	6.1	6.1	6.1	6.1	N/A
Sulphur Dioxide	g/m ³	N/A	6 Monthly	1	0.35	0.35	0.35	0.35	N/A
Moisture Content	%	N/A	6 Monthly	1	23	23	23	23	N/A
Carbon Monoxide	g/m ³	N/A	6 Monthly	1	<0.002	<0.002	<0.002	<0.002	N/A
P.A.H.	ng/m ³	N/A	6 Monthly	1	4400	4400	4400	4400	N/A
P.A.H. (BaP-TEQ)	ng/m ³	N/A	6 Monthly	1	18	18	18	18	N/A
Velocity	m/s	N/A	6 Monthly	1	14	14	14	14	N/A
Volumetric Flowrate	m ³ /s	N/A	6 Monthly	1	3.8	3.8	3.8	3.8	N/A
Dry Gas Density	kg/m ³	N/A	6 Monthly	1	1.20	1.20	1.20	1.20	N/A
Speciated Organic Compounds	g/m ³	N/A	6 Monthly	1	<0.00007	<0.00007	<0.00007	<0.00007	N/A
Carbon dioxide (CO2)	%	N/A	6 Monthly	1	7.6	7.6	7.6	7.6	N/A