

Air Emissions – Utilities Block Stack (Point Source 1)

Pollutant	Unit of Measure	100 percentile conc. limit	Monitoring frequency	No. of samples measured	Results March 2023				Exceedance (Y,N,N/A)
					Min. Value	Mean Value	Median Value	Max. Value	
Cadmium	g/m ³	0.0002	6 Monthly	1	<0.0000007	<0.0000007	<0.0000007	<0.0000007	N
Chlorine	g/m ³	0.2	6 Monthly	1	<0.0001	<0.0001	<0.0001	<0.0001	N
Mercury	g/m ³	0.0002	6 Monthly	1	<0.0000014	<0.0000014	<0.0000014	<0.0000014	N
Nitrogen Oxides	g/m ³	0.3	6 Monthly	1	0.15	0.15	0.15	0.15	N
Hydrogen Sulfide	g/m ³	0.005	6 Monthly	1	<0.0008	<0.0008	<0.0008	<0.0008	N
Hydrogen Chloride	g/m ³	0.1	6 Monthly	1	0.00016	0.00016	0.00016	0.00016	N
Solid Particles (PM10)	g/m ³	0.05	6 Monthly	1	0.034	0.034	0.034	0.034	N
Sulfuric Acid Mist and/or Sulfur Trioxide	g/m ³	0.1	6 Monthly	1	0.0093	0.0093	0.0093	0.0093	N
Total Fluoride	g/m ³	0.05	6 Monthly	1	0.00066	0.00066	0.00066	0.00066	N
Hazardous Substances	g/m ³	0.001	6 Monthly	1	≤0.000036	≤0.000036	≤0.000036	≤0.000036	N
VOCs	g/m ³	0.04	6 Monthly	1	0.0036	0.0036	0.0036	0.0036	N
Temperature	K	N/A	6 Monthly	1	704	704	704	704	N/A
Chromium	g/m ³	N/A	6 Monthly	1	<0.000001	<0.000001	<0.000001	<0.000001	N/A
Oxygen	%	N/A	6 Monthly	1	5.8	5.8	5.8	5.8	N/A
Sulphur Dioxide	g/m ³	N/A	6 Monthly	1	0.58	0.58	0.58	0.58	N/A
Moisture Content	%	N/A	6 Monthly	1	22	22	22	22	N/A
Carbon Monoxide	g/m ³	N/A	6 Monthly	1	<0.003	<0.003	<0.003	<0.003	N/A
P.A.H.	ng/m ³	N/A	6 Monthly	1	3000	3000	3000	3000	N/A
P.A.H. (BaP-TEQ)	ng/m ³	N/A	6 Monthly	1	20	20	20	20	N/A
Velocity	m/s	N/A	6 Monthly	1	16	16	16	16	N/A
Volumetric Flowrate	m ³ /s	N/A	6 Monthly	1	4.3	4.3	4.3	4.3	N/A
Dry Gas Density	kg/m ³	N/A	6 Monthly	1	1.22	1.22	1.22	1.22	N/A
Speciated Organic Compounds	g/m ³	N/A	6 Monthly	1	<0.00008	<0.00008	<0.00008	<0.00008	N/A