Heartland Air Monitoring Partnership

We Monitor the Air You Breathe

SUBSTANCES MONITORED

	Bruderheim	Elk Island	Fort Saskatchewan	Gibbons	Lamont	Range Road 220	Redwater	Ross Creek	Scotford South	Keith Purves Portable
Air Quality Health Index	✓	✓	✓	✓	✓		✓			✓
Ammonia (NH_3)			✓				✓	✓		
Carbon Monoxide (CO)			✓							
Ethylene (C_2H_4)						✓		✓		
Ozone (O_3)	✓	✓	✓	✓	✓		✓			✓
Total Hydrocarbons (THC)	✓		✓		✓	✓				✓
Non-Methane Hydrocarbons (NMHC)	✓		✓		✓	✓				✓
Methane (CH_4)	✓		✓		✓	✓				✓
Hydrogen Sulphide(H_2S)			✓	✓	✓		✓		✓	✓
Oxides of Nitrogen (NO_x)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitric Oxide (NO)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrogen Dioxide (NO_2)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Particulate Matter ($PM_{2.5}$)	✓	✓	✓	✓	✓		✓			✓
Sulphur Dioxide (SO_2)	✓	✓	✓	✓	✓		✓	✓	✓	✓
Benzene (C_6H_6)									✓	
Ethylbenzene (C_8H_{10})									✓	
Styrene (C_8H_8)									✓	
Toluene (C_7H_8)									✓	
Xylene - o & mp (C_8H_{10})									✓	
Air Temperature @ 2 metres	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Air Temperature @ 10 metres								✓		
Delta Temperature								✓		
Barometric Pressure							✓	✓	✓	
Relative Humidity	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Solar Radiation								✓		
Vertical Wind Speed								✓		
Wind Speed and Wind Direction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓