2022 Q1 (January-March) Air Quality Monitoring Results



Air Quality Health Index (AQHI) Ratings

The AQHI is calculated by the Government of Alberta using data collected at FAP air monitoring stations. The AQHI is a measure of air quality as it pertains to human health.

AQHI levels are low, moderate, high or very high. Risk to health increases as the index level rises.

Visit the <u>Alberta Quality Health Index</u> page on our website for more information. Seven of FAP's 10 continuous air monitoring stations monitor substances whereby the AQHI can be calculated.

FAP – 2022 Q	Risk Level (% of time in each)						
Station Name	Hours Monitored	Low	Moderate	High	Very High		
Bruderheim	2071	92.37%	7.63%	0.00%	0.00%		
Elk Island	2092	98.52%	1.48%	0.00%	0.00%		
Fort Saskatchewan	2031	89.76%	10.24%	0.00%	0.00%		
Gibbons	2111	92.18%	7.82%	0.00%	0.00%		
Lamont County	1979	98.53%	1.47%	0.00%	0.00%		
Redwater	1965	96.34%	3.66%	0.00%	0.00%		
Town of Lamont	1947	97.74%	2.26%	0.00%	0.00%		
Total hours	14196	13489	707	0	0		

Hours with a High or Very High Risk AQHI Rating

FAP Continuous Air Quality Monitoring Station																
	Bruderheim		Elk Island		Fort Sask.		Gibbons		Lamont County		Redwater		Town of Lamont		Total	Assethantard
Event Dates	High Risk	Very High Risk	High Risk	Very High Risk	High Risk	Very High Risk	High Risk	Very High Risk	High Risk	Very High Risk	High Risk	Very High Risk	High Risk	Very High Risk	Total Hours	
Total Hours	-	-	-	-	-	-	-	-	-	-	-	-	-	-	•	-

Summary of Exceedances

There were no exceedances of 1 or 24-hour objectives at any FAP stations in the first 3 months of 2022.

One Hour Exceedances							
Parameter	Exceedances	Date	Attributed Cause				
-	-	-	-				

24-Hour Exceedances							
Parameter	Exceedances	Date	Attributed Cause				
-	-	-	-				