



*Life in the Heartland*  
*Community Information Evening*

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October 20, 2016



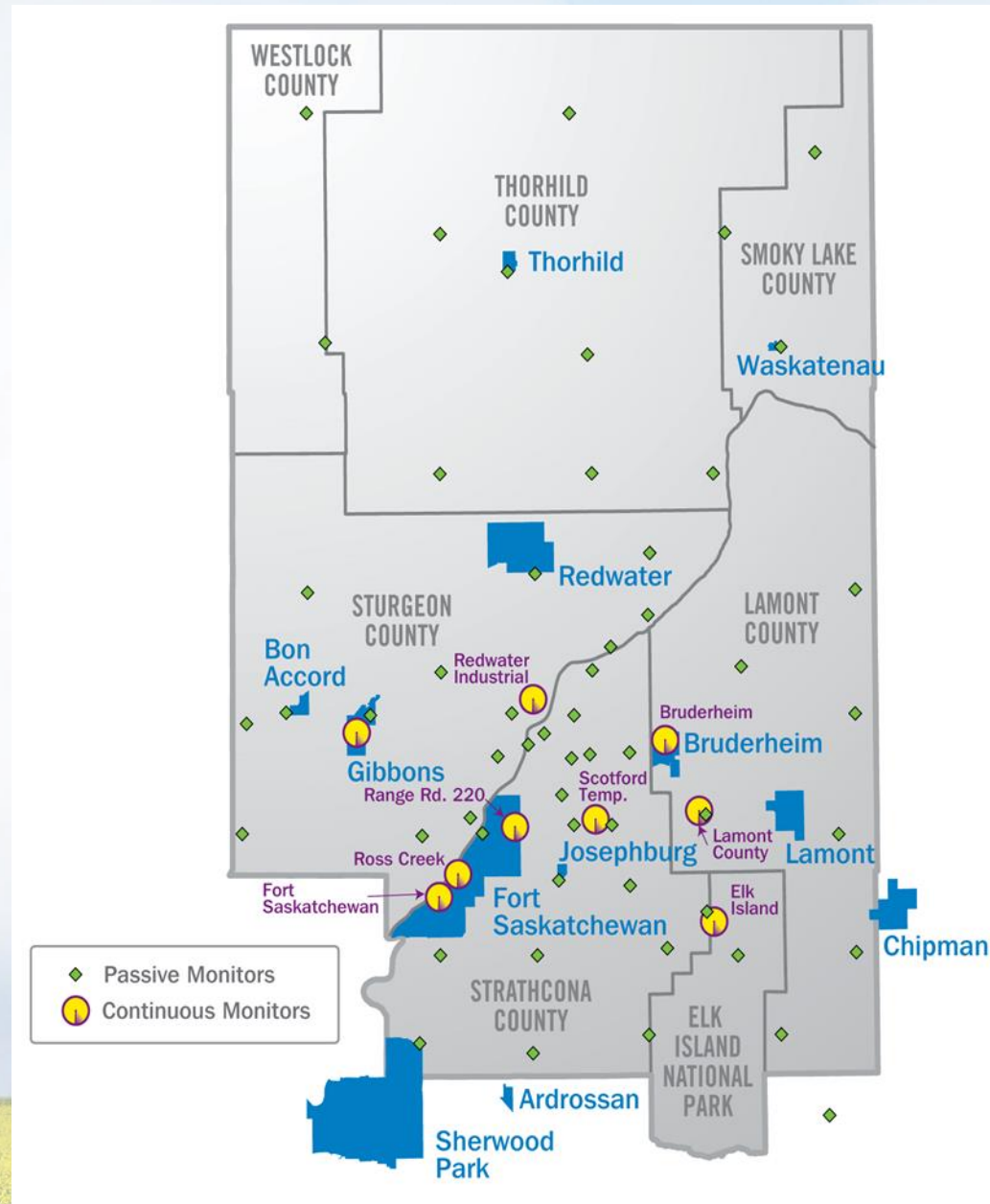
# FAP Air Monitoring Network

**Mission:** *Operate a regional network to monitor and report on credible and comprehensive ambient air quality information.*

**Boundary:** 4500 km<sup>2</sup>

## Monitoring Sites:

- 9 continuous stations
  - One-minute data
- 55 passive sites
  - Monthly averages



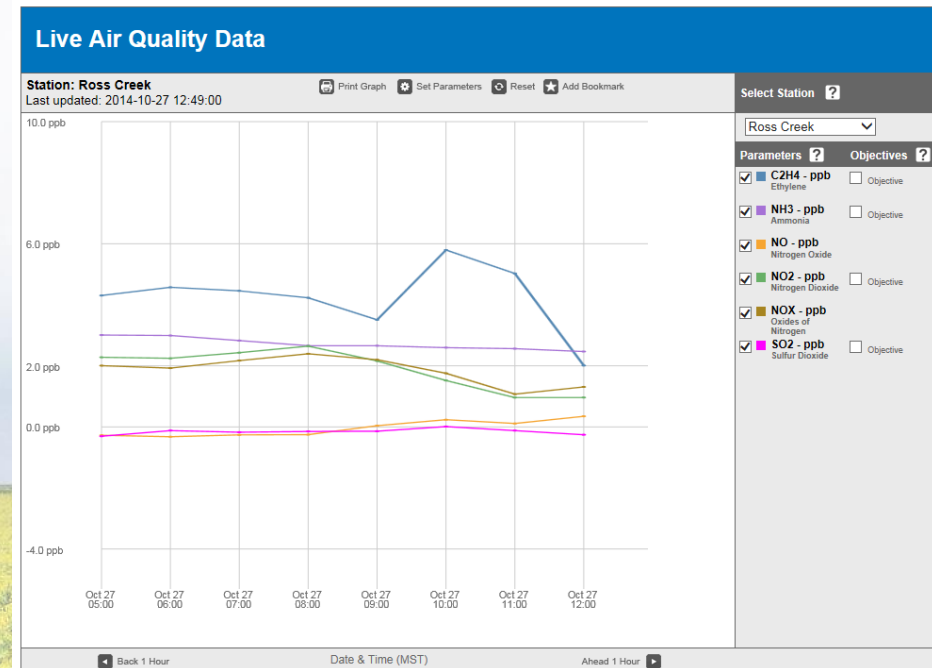
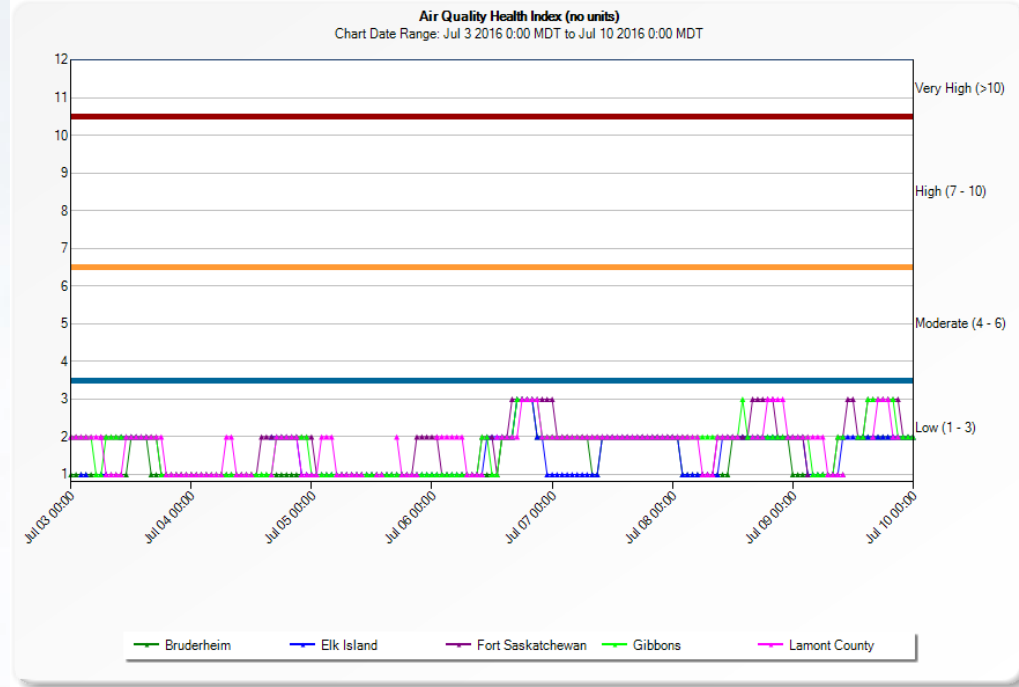
# Real Time Air Quality Information

## ➤ Air Quality Health Index

- Current and forecast
- Updated hourly
- AQHI graph for all 5 stations posted on-line weekly.

## ➤ Live data feed to website

- Continuous, hour by hour
- Can search by station and by substance





# Gibbons Air Monitoring Station

- Focus on regional air monitoring
- Began operating February of 2016
- Monitors sulphur dioxide, hydrogen sulphide, nitric oxide, nitrogen dioxide, ozone, oxides of nitrogen and particulate matter
- Provides data to calculate the Air Quality Health Index





# Gibbons Grand Opening

- Official grand opening in June.
- School tours for five classes from two schools in Gibbons.
- School tours were so successful we have decided to make them a permanent part of FAPs outreach program.
- Expanding in 2017 to schools in Fort Saskatchewan and Bruderheim.

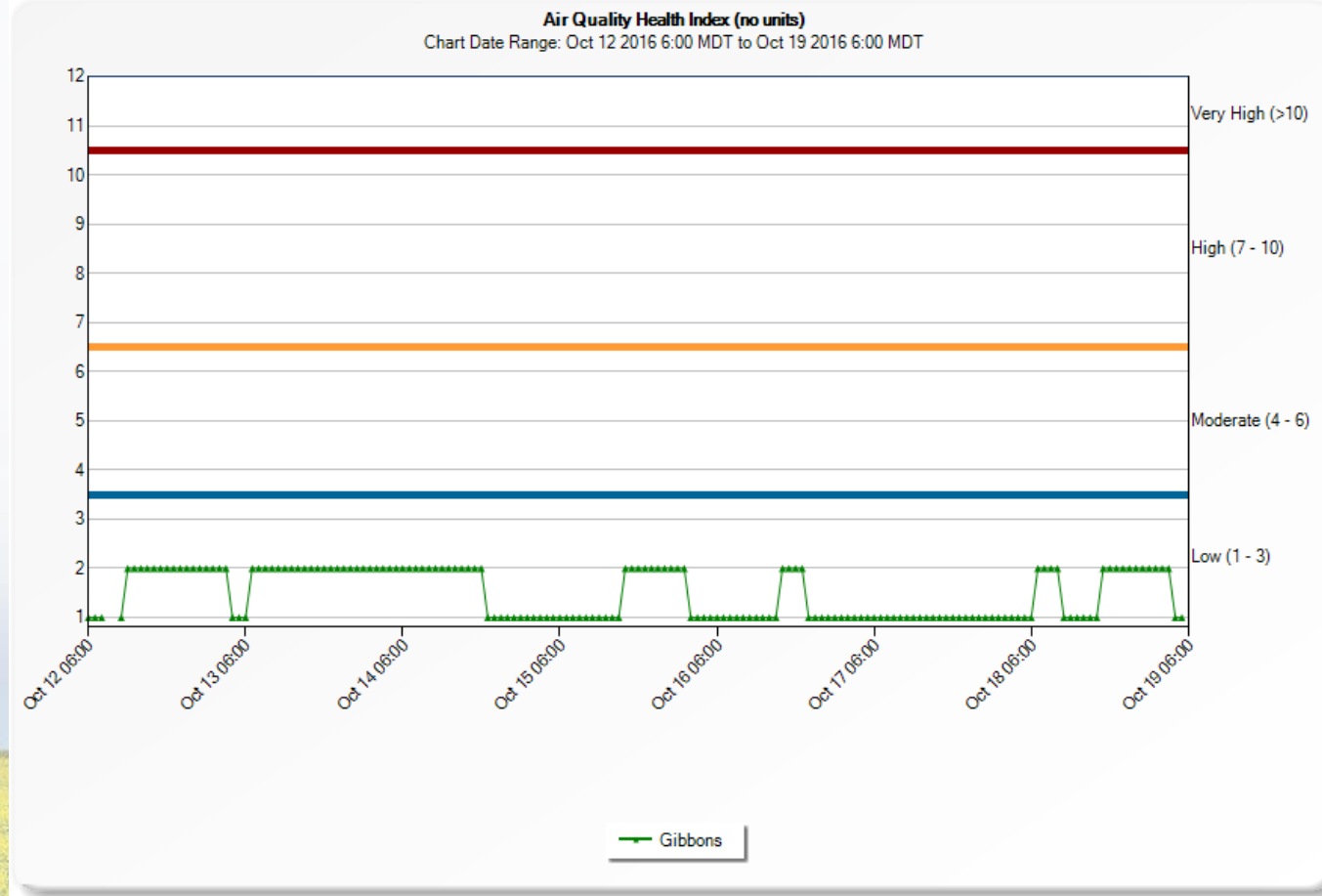


# AQHI Results (Feb 7 to September 30, 2016)

➤ 4,945 hours of monitoring data collected.

➤ AQHI readings:

- Low risk 97.15%  
(4,804 hours)
- Moderate risk 2.77% (137 hours)
- High risk 0.08% (4 hours)



# Other Initiatives

- FAP Network:
  - Portable station.
  - Redwater Station Site Selection.
- Provincial Initiatives:
  - Alberta Airsheds Council – developing a provincial air monitoring framework.
  - Capital Region Air Management Framework – developing air quality educational materials.





# How to stay informed:

- Sign up for FAP's e-bulletin ([www.fortair.org](http://www.fortair.org))
- Access air monitoring data on FAP's live data site
- Get Air Quality Health Index graphs from Alberta Environment and Parks live data site (<http://maps.srd.alberta.ca/AQHI/>)
- Access historical data on Alberta Environment and Parks Airdata warehouse (<http://airdata.alberta.ca>)



[www.fortair.org](http://www.fortair.org)

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