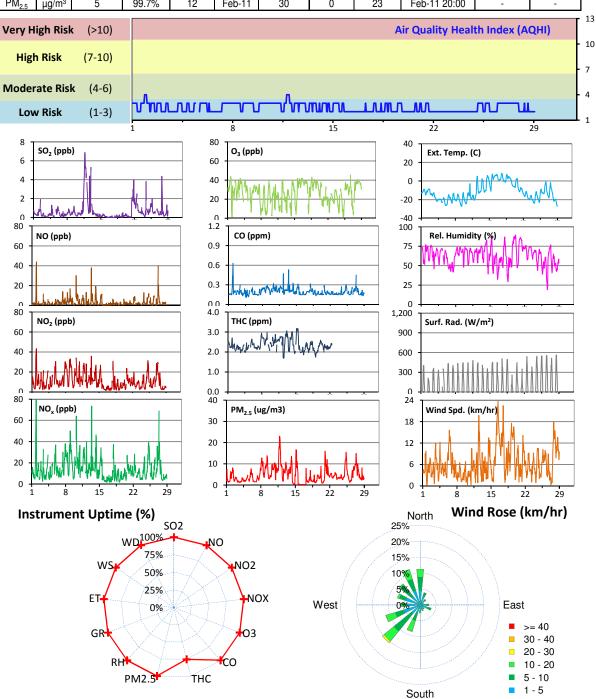
## Palliser Airshed Society - February 2014 Summary Report

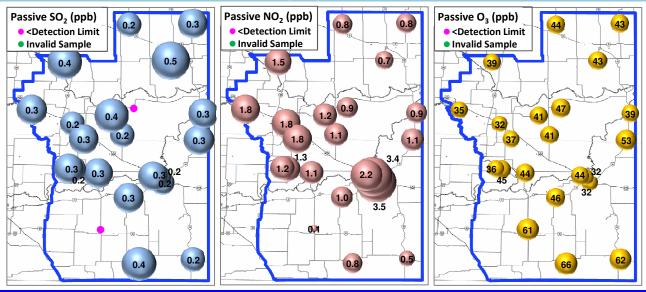
**Continuous Sampling Results - Crescent Heights Station** 

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc	Avg.	Uptime	Maximum		AAAQO	Exceed	Maximum		AAAQO	Exceed
	Unit	Conc.		Conc	Time	Objective	No.	Conc	Time	Objective	No.
SO <sub>2</sub>	ppb	0.6	99.6%	3.3	Feb-11	48	0	6.9	Feb-11 17:00	172	0
NO	ppb	3.1	99.6%	6.6	Feb-10	-	-	43.8	Feb-01 23:00	-	-
NO <sub>2</sub>	ppb	11.0	99.6%	19.0	Feb-8	-	-	43.4	Feb-01 22:00	159	0
$NO_X$	ppb	14.0	99.6%	24.6	Feb-10	-	-	86.8	Feb-01 23:00	-	-
O <sub>3</sub>	ppb	26	99.6%	38	Feb-16	-	-	45	Feb-26 17:00	82	0
CO	ppm	0.2	99.6%	0.2	Feb-10	-	-	0.6	Feb-01 22:00	13	0
THC	ppm	2.3	75.4%	2.6	Feb-15	-	-	3.2	Feb-15 10:00	-	-
$PM_{2.5}$	μg/m³	5	99.7%	12	Feb-11	30	0	23	Feb-11 20:00	-	-



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## Passive Sampling Results



## Monthly Update

- \* All data has been slope, intercept, and baseline corrected. Data may change after validation process.
- \* The measured ambient concentrations of all parameters are within the AAAQO for the month of February.
- \* All compliance parameters are above 90% operational for the month of February, with the exception of the THC analyzer (75.6%). AESRD reference number: 280921
- \* Operational issues for the month of February include: 3 hours of data for all pollutant parameters, and 2 hours of data for Met sensors is flagged as "maintenance" on Feb 5 while the data logger was removed for calibration; 155 hours of THC data flagged as "analyzer failure". The THC analyzer failed to maintain >90% operational uptime, due to a failure with the pressure switch in the zero air supply. This was repaired on March 2.