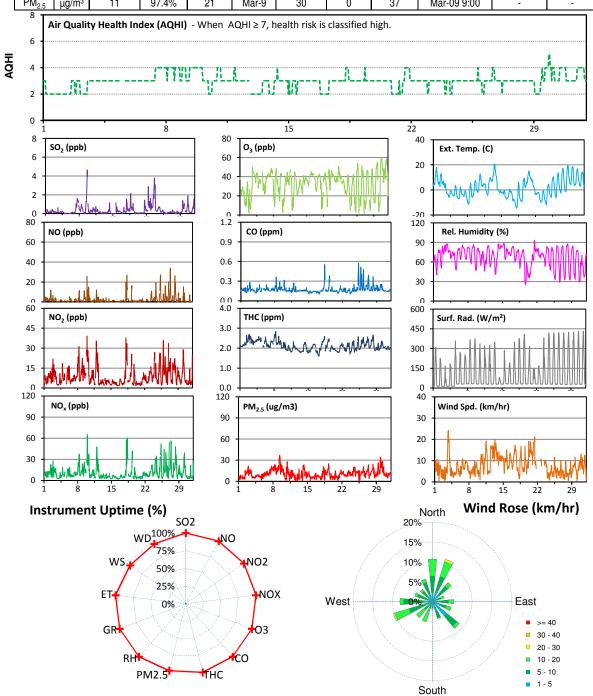
## Palliser Airshed Society - March 2013 Summary Report

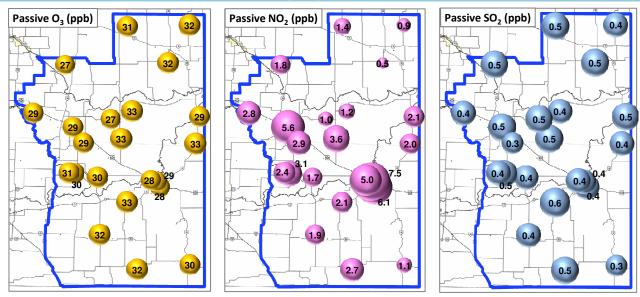
**Continuous Sampling Results - Crescent Heights Station** 

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	0.4	100.0%	1.5	Mar-23	48	0	4.6	Mar-09 17:00	172	0
NO	ppb	2.2	100.0%	6.6	Mar-27	-	-	34.1	Mar-27 10:00	-	-
NO <sub>2</sub>	ppb	8.6	100.0%	14.6	Mar-25	-	-	39.1	Mar-10 0:00	159	0
$NO_X$	ppb	10.9	100.0%	20.2	Mar-25	-	-	64.9	Mar-10 0:00	-	-
O <sub>3</sub>	ppb	32	100.0%	46	Mar-31	-	-	60	Mar-30 15:00	82	0
CO	ppm	0.2	100.0%	0.3	Mar-25	-	-	0.6	Mar-25 8:00	13	0
THC	ppm	2.1	100.0%	2.4	Mar-8	-	-	2.8	Mar-08 8:00	-	-
PM <sub>2.5</sub>	μg/m³	11	97.4%	21	Mar-9	30	0	37	Mar-09 9:00	-	-



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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 March 2013.
- \* All compliance parameters are above 90% operational for the month of March 2013.
- \* Routine calibration was performed on March 5, 2013.
- \* The operational issues for the month of March include1 hour of PM2.5 data flagged as maintenance during the filter change, and 18 hours of PM2.5 data flagged as analyzer failure, due to negative readings. 33 hours of wind speed and direction data are also flagged as analyzer failure on March 21-23. This failure is believed to be caused by ice/snow build-up on the wind sensor. The sensor returned to normal operations on March 23. A baseline shift has also occured for the radiation sensor, AMEC is working on resolving this issue.