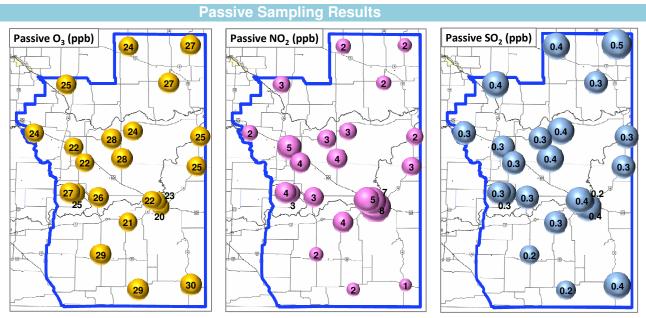
Palliser Airshed Society - October 2012 Summary Report

	Continuous Sampling Results - Crescent								Heights Station				
	Pollu	tants	Month F	Records	24-Hour Records				1-Hour Records				
	Conc		Avg.	Ανα		Maximum		Exceed	Maximum		AAAQO Exceed		
	Name	Unit	Conc.	Uptime	Conc	Time	Objective	No.	Conc	Time	Objective	No.	
	SO ₂	ppb	0.2	100.0%	0.9	Oct-29	48	0	7.4	Oct-29 4:00	172	0	
	NO	ppb	2.3	100.0%	5.5	Oct-13	-	-	24.7	Oct-30 8:00	-	-	
	NO ₂ NO _X	ppb ppb	6.2 8.5	100.0% 100.0%	10.6 14.7	Oct-9 Oct-5	-	-	22.9 39.6	Oct-09 19:00 Oct-01 2:00	159	0	
	O ₃	ppb	21	100.0%	35	Oct-3 Oct-1			50	Oct-01 23:00	82	0	
	CO	ppo	0.1	100.0%	0.2	Oct-27	-	-	0.3	Oct-07 18:00	13	0	
	THC	ppm	2.2	100.0%	2.4	Oct-26	-	-	2.9	Oct-10 15:00	-	-	
	PM _{2.5}	µg/m³	8	100.0%	15	Oct-1	30	0	53	Oct-07 18:00	-	-	
	Air Quality Health Index (AQHI) - When AQHI ≥ 7, health risk is classified high.												
	6 -												
AQHI													
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	0 1		•	8	•		15		22	•	29		
	⁸ Ts	O ₂ (ppb)		1	⁸⁰ ٦	O ₃ (ppb)				Ext Temp (C	1		
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	80 NO (ppb) 1.2						CO (ppm) 120				Rel. Humidity (%)		
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	40 0.6						60 -						
	20 0.3						30						
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	60 NO ₂ (ppb)					THC (pp	m)		60	00 Surf. Rad. (W/m ²)			
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						120 PM _{2.5} (ug/m3)				40 Wind Spd. (km/hr)			
	90					90				30			
	60 -				60					20			
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75%													
WS 50% NO2									109	6			
E I O% West East													
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	RH						io in the second s				20-30 10-20		
				PM2.5	ННС						■ 10 ■ 5-		
										South	1 -	5	



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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 October 2012.
- * All compliance parameters are above 90% operational for the month of October 2012.
- * Routine calibration was performed on October 3, 2012.

* The operational issues for the month of October include 28 hours of wind speed and direction data flagged as "analyzer failure" on October 30-31, due to an instrument malfunction likely caused by freezing rain in the region. The analyzer returned to normal operations on November 1.