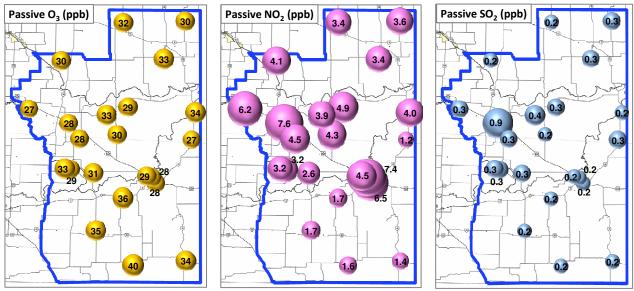
## Palliser Airshed Society - February 2013 Summary Report

	Continuous Sampling Results - Crescent									Heights Station			
[	Pollu	utants	Month F	Records	24-Hour Records			1-Hour Records					
	Name	Conc	Avg.	Uptime	Maxir	num	AAAQO	Exceed	М	aximum	AAAQO	Exceed	
		Unit	Conc.		Conc	Time	Objective	No.	Conc	Time	Objective	No.	
	SO <sub>2</sub>	ppb	0.2	100.0%	0.6	Feb-23	48	0	4.2	Feb-23 17:00	172	0	
	NO	ppb	2.2	100.0% 100.0%	5.0	Feb-7 Feb-1	-	-	29.7 34.0	Feb-06 11:00	-	-	
	NO <sub>2</sub> NO <sub>X</sub>	ppb ppb	8.4 10.6	100.0%	15.8 20.3	Feb-1		-	34.0 60.2	Feb-07 9:00 Feb-27 9:00	159	0	
	O <sub>3</sub>	ppb	29	100.0%	35	Feb-26	-	-	45	Feb-28 17:00	82	0	
	CÔ	ppm	0.2	100.0%	0.2	Feb-6	-	-	0.7	Feb-27 9:00	13	0	
	THC	ppm	2.3	100.0%	2.5	Feb-6	-	-	2.9	Feb-07 3:00	-	-	
	PM <sub>2.5</sub>	µg/m³	7	99.9%	15	Feb-6	30	0	29	Feb-06 10:00	-	-	
	°	Air Qualit	ty Health In	dex (AQHI)	-When A	QHI ≥ 7, ł	nealth risk is	classified	high.				
6													
ェ													
AQHI	4												
2 CONTRACTOR & MILLION FILM AND A A A A A A A A									<u>a na r</u>				
	-												
	0		•	8	•		15	•	22	•	29		
	8 <del>-</del>	<u></u>		8	<sup>80</sup>	1			40	l0 0		, ]	
	6 -	SO <sub>2</sub> (ppb)			0 <sub>3</sub> (ppb)					Ext. Temp. (C)			
	4				40				2	20 million mil			
	2 -												
	0	Mund	in hull.										
	80 T		<del></del>	<i>x</i> + <i>x</i>	$\int_{1.2}^{0} \frac{1}{12} \frac{1}{12$					-20 -20 -20 -20 -20 -20 -20 -20 -20 -20			
	60	NO (ppb)			<b>CO (ppm)</b>				g				
	40				0.6				60 MMMMMMMMMMMMMMM				
				1	0.3 Harrish Marrielan - har hard					and the state of the			
	20 -												
	60 T	فبالملد اولاليانية.	م معالم حاله	adianilan addi									
	45 -	NO <sub>2</sub> (ppb)			3.0	3.0 <b>THC (ppm)</b>				450 Surf. Rad. (W/m²)			
					what house the same A hill				μ				
	30 -		.l. 1		- 2.0	2.0							
	15 -	LAND WAR	M. Mas. M	1. A.M	1.0				15				
	0 - 120 -	BANK CALOR	h a mhlaimhlin lin	rywr ynwru	0.0	<u>↓ ,</u>	·	~ ·			ากกักกกุ่กกกับที่กา	IMUNÍ	
		NO <sub>x</sub> (ppb)			120 PM <sub>2.5</sub> (ug/m3)				<u> </u>	40 Wind Spd. (km/hr)			
	90 -				90	-				30			
	60 -				60	-			:	20			
	30 -				30						Al and a selection of the	M.	
		Wellin	Milliam	Muchall		handle	mentionel	mente	<b>h</b>	MANANA IN	WPY		
	0 <del> </del> 1	8	15	22 29	0	1 8	15	22	29	0 1 8	15 22	29	
	Inst	trumer	nt Uptim		North Wind	d Rose (kı	n/hr)						
SO2 40%													
WD100% NO 30%													
			WS	75%	$\sim$	NO2							
				50%	$\prec \times$	$\times \mathbf{i}$							
			ET	25%	5X ^	NO							
				0%	絵丁		~	West	09	*	East		
			CD	XX+	$\times$					■ >= 40			
			GR	$\checkmark$	+	<b>T</b> U3		$\sim$				- 40	
			RH	$\langle \rangle +$	$\rightarrow$	со						- 30 - 20	
				PM2.5	ННС						<b>1</b> 0		
										South	■ 1-	5	
										'			

AQHI





## 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 2013.
- \* All compliance parameters are above 90% operational for the month of February 2013.
- \* Routine calibration was performed on February 1, 2013.
- \* The operational issues for the month of February include1 hour of PM2.5 data flagged as maintenance during the filter change.