

Hollinger Public Blast Report

Blast Pattern: 3394_052
Date: Nov 4, 2014
Blast Time: 11:40
Blast Sign Activation: 07:45
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 160 m
 Boundary Layer Height: 280 m
 Cloud Cover: 100% (overcast) Rain
 Wind Speed: 8 km/hr
 Wind Direction: S
 Temperature: 6.7 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	62.4 L _{Aeq}	110.4 dB
Edwards:	52.0 L _{Aeq}	100.6 dB
Fred:	50.7 L _{Aeq}	97.3 dB
Hollinger Office:	61.8 L _{Aeq}	115.7 dB
Noah:	64.3 L _{Aeq}	102.4 dB
Sandy:	82.9 L _{Aeq}	106.1 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	55.3 L _{Aeq}	100.5 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	9.2	8.5	9.9
Edwards:	7.2	7.7	8.3	9.2
Hollinger Office:	4.0	4.5	9.0	11.1
Hollinger Park:	7.7	10.8	9.5	15.3
Sandy:	7.2	8.1	8.7	10.1

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	4.7	8.8
Edwards:	7.5	12.4
Hollinger Office:	7.3	20.2
Hollinger Park:	9.6	49.1
Sandy:	3.3	5.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards Temp:	0.0	0.1	0.0
Hollinger Office:	0.0	0.1	0.1
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.2	0.2	0.2