

Hollinger Public Blast Report

Blast Pattern: 3388_028 / _022
Date: Sept 28, 2014
Blast Time: 15:35
Blast Sign Activation: 07:30
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: 220 m
 Boundary Layer Height: > 2000 m
 Cloud Cover: 100% (overcast)
 Wind Speed: 13 km/hr
 Wind Direction: N
 Temperature: 10.0 °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:	56.4 L _{Aeq}	107.6 dB
Edwards Temp:	51.9 L _{Aeq}	104.0 dB
Fred:	50.3 L _{Aeq}	109.4 dB
Hollinger Office:	72.5 L _{Aeq}	109.8 dB
Noah:	61.4 L _{Aeq}	108.7 dB
Sandy:	75.2 L _{Aeq}	112.5 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	51.6 L _{Aeq}	112.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.1	9.6	9.2	16.0
Edwards:	7.3	16.0	6.3	17.8
Hollinger Office:	5.6	16.5	9.3	22.5
Hollinger Park:	5.4	11.0	15.4	23.1
Sandy:	6.1	13.0	6.3	16.6

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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:	0.4	0.4
Edwards:	0.6	0.9
Hollinger Office:	1.9	3.4
Hollinger Park:	1.0	2.5
Sandy:	1.6	11.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.7	0.4	0.7
Imerys:	0.4	0.4	0.5
Noah:	0.3	0.2	0.2
Moneta Pumping Station:	0.6	0.3	0.7
Sandy:	2.9	2.5	1.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.9	1.4	1.3