

Hollinger Public Blast Report

Blast Pattern: 3388_021
Date: Oct 5, 2014
Blast Time: 15:34
Blast Sign Activation: 07:30
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: 810 m
 Boundary Layer Height: > 4000 m
 Cloud Cover: 100% (overcast)
 Wind Speed: 10 km/hr
 Wind Direction: SW
 Temperature: 6.3 °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**

	LA_{eq}	L_{Peak}
Comfort Inn:	52.4 L _{Aeq}	110.8 dB
Edwards Temp:	54.3 L _{Aeq}	109.9 dB
Fred:	49.1 L _{Aeq}	104.6 dB
Hollinger Office:	57.6 L _{Aeq}	107.7 dB
Noah:	61.7 L _{Aeq}	104.5 dB
Sandy:	69.7 L _{Aeq}	103.4 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.3 L _{Aeq}	103.1 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.9	9.4	13.6	14.6
Edwards:	7.7	9.6	13.4	20.0
Hollinger Office:	7.8	14.7	13.0	21.3
Hollinger Park:	4.0	4.3	22.3	23.4
Sandy:	7.8	8.9	13.7	20.1

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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:	0.6	2.4
Edwards:	16.3	143.6
Hollinger Office:	1.6	3.7
Hollinger Park:	0.8	1.4
Sandy:	0.4	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.4
Edwards Temp:	1.1	0.4	0.6
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	1.5	0.7	1.2
Sandy:	3.8	2.7	3.5
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.7	1.1	1.0