

Hollinger Public Blast Report

Blast Pattern: 3388_018 / 3364_016
Date: Sept 27, 2014
Blast Time: 11:56
Blast Sign Activation: 07:30
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: >2000 m
 Boundary Layer Height: 730
 Cloud Cover: 0% (Clear)
 Wind Speed: 8 km/hr
 Wind Direction: SW
 Temperature: 21.6 °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:	59.4 L _{Aeq}	100.9 dB
Edwards Temp:	52.0 L _{Aeq}	109.4 dB
Fred:	49.7 L _{Aeq}	100.2 dB
Hollinger Office:	59.1 L _{Aeq}	108.5 dB
Noah:	61.8 L _{Aeq}	111.4 dB
Sandy:	69.5 L _{Aeq}	109.1 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.6 L _{Aeq}	111.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.6	12.2	19.8	20.5
Edwards:	22.5	43.9	43.8	120.0
Hollinger Office:	24.1	39.2	43.7	70.2
Hollinger Park:	9.9	11.0	34.1	38.8
Sandy:	8.7	9.3	23.5	25.0

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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:	3.0	6.8
Edwards:	8.1	17.8
Hollinger Office:	10.3	15.1
Hollinger Park:	2.9	4.6
Sandy:	0.9	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards Temp:	0.2	0.1	0.1
Hollinger Office:	1.3	0.5	0.5
Hollinger West:	3.0	3.1	2.8
Imerys:	2.0	4.1	2.3
Noah:	1.8	1.9	2.4
Moneta Pumping Station:	0.5	0.4	0.8
Sandy:	1.9	1.7	1.5
Water Tower:	Off (Due to construction work and painting)		
Wilson:	3.3	2.1	2.8