

Hollinger Public Blast Report

Blast Pattern: 3388_023
Date: Oct 15, 2014
Blast Time: 11:40
Blast Sign Activation: 07:30
Website Notification Time: 07:15

Blast Conditions

Ceiling Height: 280 m
 Boundary Layer Height: 80 m
 Cloud Cover: 100% (overcast)
 Wind Speed: 11 km/hr
 Wind Direction: NE
 Temperature: 7.1 °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: Extencicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	58.4 L _{Aeq}	103.7 dB
Edwards Temp:	51.5 L _{Aeq}	107.2 dB
Fred:	50.1 L _{Aeq}	102.8 dB
Hollinger Office:	63.0 L _{Aeq}	112.1 dB
Noah:	63.5 L _{Aeq}	109.3 dB
Sandy:	71.7 L _{Aeq}	109.6 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	52.7 L _{Aeq}	106.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	5.8	10.2	10.7
Edwards:	4.3	4.8	13.2	18.6
Hollinger Office:	7.5	12.4	12.9	18.4
Hollinger Park:	5.5	6.2	20.8	22.5
Sandy:	4.5	5.2	9.0	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:	0.6	1.2
Edwards:	2.6	4.0
Hollinger Office:	6.5	10.0
Hollinger Park:	1.8	2.8
Sandy:	23.4	196.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.4
Edwards Temp:	0.7	0.5	0.4
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.3	0.4
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	1.7	0.9	1.6
Sandy:	2.7	2.7	4.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.2	0.7	1.1