

Hollinger Public Blast Report

Blast Pattern: 3388_036A
Date: December 24, 2014
Blast Time: 13:40
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 70 m
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: N
Temperature: -1.8 °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:	53.4 L _{Aeq}	93.3 dB
Edwards:	45.9 L _{Aeq}	83.9 dB
Fred:	45.1 L _{Aeq}	93.4 dB
Hollinger Office:	59.4 L _{Aeq}	97.6 dB
Noah:	59.1 L _{Aeq}	97.0 dB
Sandy:	47.3 L _{Aeq}	108.2 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	49.5 L _{Aeq}	100.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.8	21.5	17.4	25.2
Edwards:	6.0	6.9	18.5	25.9
Hollinger Office:	8.3	12.7	19.4	24.1
Hollinger Park:	6.6	7.5	20.4	27.0
Sandy:	6.5	8.8	20.5	34.5

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.2	3.8
Edwards:	5.3	6.9
Hollinger Office:	11.4	30.8
Hollinger Park:	8.2	21.5
Sandy:	10.2	22.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.3	0.4
Moneta Pumping Station:	2.9	1.7	3.3
Sandy:	7.2	5.4	4.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.4	0.5	0.6