

Hollinger Public Blast Report

Blast Pattern: 3394_046
Date: December 28, 2014
Blast Time: 11:36
Blast Sign Activation: 07:15
Website Notification Time: 07:15

Blast Conditions

Ceiling Height: 350 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 100% Overcast (Snow)
 Wind Speed: 4 km/hr
 Wind Direction: W
 Temperature: -6.6 °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:	49.9 L _{Aeq}	97.3 dB
Edwards:	49.6 L _{Aeq}	86.4 dB
Fred:	43.0 L _{Aeq}	91.8 dB
Hollinger Office:	53.7 L _{Aeq}	100.4 dB
Noah:	57.2 L _{Aeq}	99.3 dB
Sandy:	52.3 L _{Aeq}	102.0 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	48.5 L _{Aeq}	99.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	6.0	10.1	11.3
Edwards:	2.7	3.5	6.7	10.4
Hollinger Office:	4.2	6.1	8.5	18.2
Hollinger Park:	2.2	2.7	7.3	9.5
Sandy:	2.1	3.1	3.3	5.9

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:	2.2	3.0
Edwards:	20.1	40.1
Hollinger Office:	10.9	18.2
Hollinger Park:	8.6	20.5
Sandy:	10.0	23.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.7	0.5	0.8
Sandy:	2.6	3.5	2.7
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.5	0.4	0.5