

Hollinger Public Blast Report

Blast Pattern: 3394_057
Date: December 15, 2014
Blast Time: 13:34
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 1334 m
 Boundary Layer Height: 140 m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 12 km/hr
 Wind Direction: S
 Temperature: 1.7 °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:	54.8 L _{Aeq}	99.4 dB
Edwards:	51.2 L _{Aeq}	93.6 dB
Fred:	46.2 L _{Aeq}	101.9 dB
Hollinger Office:	68.4 L _{Aeq}	106.3 dB
Noah:	59.8 L _{Aeq}	98.1 dB
Sandy:	52.4 L _{Aeq}	105.3 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	51.4 L _{Aeq}	105.1 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.5	12.9	17.2	17.4
Edwards:	6.2	6.7	16.0	16.6
Hollinger Office:	7.8	8.9	16.6	22.6
Hollinger Park:	10.5	11.4	16.6	19.2
Sandy:	9.7	10.5	14.2	15.5

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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:	1.0	1.7
Edwards:	5.0	11.5
Hollinger Office:	8.0	12.6
Hollinger Park:	7.0	18.5
Sandy:	1.9	3.1

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:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	2.2	1.1	1.7
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.6	0.5	0.6