

# Response to Operation Comments

## Issues raised at the November 19<sup>th</sup> meeting:

- Blast impact is very noticeable.
- Unexplained 'buzzing' noise south of Phase 3 occurring at night.
- Unnecessary lighting at night.



Processing Plant



Polyurethane Rubber screens

## Noise and light reductions

- The Quarry ships Monday through Thursday, 6:00 am-5:00 pm, and 6:00 am-4:00 pm on Friday. Production ends in late afternoon and daily maintenance usually completes by 1:00 am.
- When maintenance crews are not working, unnecessary equipments and lights are shut off to reduce noise and light pollution. Site staff will monitor and ensure this happens.
- No specific noise source was found south of Phase 3. A portable power generator has been repositioned and will be monitored.
- Currently, polyurethane screens are being installed in the processing plant to achieve further reduction in noise emitted from the plant.

## MOE blasting standards are being met

- Dufferin Aggregates has an extensive monitoring program at all sites, including Acton Quarry.
- All blasts are monitored for ground and air vibrations to ensure compliance with MOE regulations.
- Specific comments and concerns from neighbors are recorded for further actions, as required.

Q&A on Blasting  
**Please take a copy**

ACTON QUARRY GROUND AND AIR VIBRATION MONITORING RESULTS JUNE 2007												
Date	Time	Location	Location A		Location B		Location C		Location D		100' Corner Phase 3	
			Peak Ground Vibration Level (mm/s)	Peak Air Vibration Level (dB)	Peak Ground Vibration Level (mm/s)	Peak Air Vibration Level (dB)	Peak Ground Vibration Level (mm/s)	Peak Air Vibration Level (dB)	Peak Ground Vibration Level (mm/s)	Peak Air Vibration Level (dB)	Peak Ground Vibration Level (mm/s)	Peak Vibration (mm/s)
13.Aug.07	13:30	Phase 2	2.6	197	-1.9	-	-1.9	-	-1.9	-	-1.9	-
8.Aug.07	13:05	Phase 2	1.9	192	4.9	212	5.0	-	-1.9	-	-1.9	-
8.Aug.07	13:30	Phase 3	2.7	196	-1.9	-	-1.9	198	4.7	193	-1.9	-
7.Aug.07	13:42	Phase 3	3.1	195	-1.9	-	-1.9	-	2.4	192	-1.9	-
9.Aug.07	12:30	Phase 3	-1.9	-	2.5	-	-1.9	-	-1.9	-	6.5	191
15.Aug.07	14:39	Phase 3	1.7	197	-	-1.9	-	-1.9	1.9	192	5.8	191
13.Aug.07	14:40	Phase 3	1.9	198	-1.9	-	-1.9	-	2.7	194	3.2	191
16.Aug.07	14:40	Phase 2	2.3	194	7.2	198	-1.9	-	-1.9	-	-1.9	-
16.Aug.07	12:38	Phase 2	2.7	193	3.4	198	-1.9	-	2.3	194	2.5	191
18.Aug.07	12:05	Phase 2	-1.9	-	8.3	191	-1.9	-	-1.9	-	-1.9	-
22.Aug.07	19:20	Phase 2	-1.9	-	6.2	194	-1.9	-	2.8	193	-1.9	-

Monthly compilation of monitoring data

