

Ref: GRS Letter to EPA - outstanding issues - May 2014 Rev1
6 May 2014

Mr Damien Rose
Acting Unit Head – Waste Operations
Environment Protection Authority
PO Box A290
SYDNEY SOUTH NSW 1232
Email: damien.rose@epa.nsw.gov.au

Dear Mr Rose,

**Re: Penrith Glass Beneficiation Project SSD-5267 - 126 Andrews Road Penrith
Outstanding Issues Raised by NSW Environment Protection Authority**

This information is provided to the NSW Environment Protection Authority (EPA) on a Without Prejudice basis and only in response to queries raised by the EPA and the Department of Planning and Infrastructure.

I refer to our recent meeting which was attended by Mr Larry Clark, Manager Noise Assessment and Mark Latal, Senior Noise Assessment officer and you. The meeting was held at the NSW Environment Protection Authority's (EPA) Head Office on Tuesday 29 April 2014.

I thank you very much for attending the meeting and appreciate your time and effort as well as Mark's and Larry's time in an attempt to move this project forward.

My understanding of the outcomes of our meeting and recent discussions with EPA staff, is summarised below:

1. The EPA will be able to approve the activities to be conducted on a 24 hours per day seven days per week provided that the activities comply with the Project Specific Noise Levels (PSNL) at the sensitive receptors during all time periods, mitigation measures are implemented on site and the additional operational commitments outlined below are complied with.
2. The EPA is satisfied for the bunkers to be constructed at 5 metres high with some dust mitigation measures.
3. The roller shutter doors on the Eastern side of the building are acceptable to be manually operated provided that they are closed between the hours of 6.00 pm and 6.00 am.
4. The roller shutter doors on the southern side can be left open between the hours of 6.00 am and 6.00 pm but will have to be operated automatically between the hours of 6.00 pm and 6.00 am.
5. The EPA prefers that most of the cullet be transferred to the external bunkers between the hours of 6.00 am and 6.00 pm especially when transferring to the bunkers located on the South Eastern side of the building so the transfer between the hours of 6.00 pm

- and 6.00 am is limited. It is also preferable that this activity be conducted with reasonable breaks rather than on continuous basis during these hours. They could be scheduled at certain times during that period.
6. The recommended Project Specific Noise Levels included in the EIS and confirmed in GRS's previous submissions to both the EPA and the Department of Planning and Infrastructure, are accepted by the EPA as the specified noise criteria.
 7. The new reversing beepers are also approved. The previous beepers had high volume tonal sound and a sound power level of about 107 dB. Based on the manufacturer's specifications, the new beepers have low volume non-tonal sound and a sound power level of 82 dB.
 8. The acoustic enclosure is approved rather than moving the dust collector to the inside of the building. However, the installation must be completed to ensure that the enclosure is fully sealed to prevent any noise from escaping to the outside environment.
 9. In relation to the confirmation that the long-term unattended noise measurements conducted as part of determining the PSNL were conducted in the absence of the operations of GRS. I confirm that the long-term unattended noise measurements were undertaken during March 2012, however, testing and commissioning of the Glass Beneficiation Plant commenced several months later. Similarly, and as part of preparation of the EIS, the attended noise measurements undertaken as part of the preparation of the EIS, were conducted in March 2012.
 10. I also confirm that the attended noise measurements I have conducted in February 2014 during the three time periods were based on normal operating conditions of the plant.
 11. The EPA requires that a noise validation study be undertaken to demonstrate that the activities conducted by GRS complies with the PSNL at the sensitive receptors during all time periods. This validation study includes both attended noise measurements at close proximity of the plant (inside the boundary of the site), use the results of the attended measurements to re-calibrate the noise model (SoundPlan) and then run the noise model to confirm that the level of noise emanating from GRS activities comply with the PNSL. The attended noise measurements were undertaken on Friday 2 May 2014. The validation report is included with this letter for your consideration.

I hope the above information clarifies the position to you, however, if you wish to discuss the matter further, please contact me on either my mobile 0421 776 003, try my email address 20nicolas15@gmail.com or my postal address at PO Box 150 SEVEN HILLS NSW 1730.

Yours Sincerely



On behalf of Glass Recovery Services
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