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From: Kevin Pylka [<mailto:kpylka@polymetminning.com>]
Sent: Wednesday, July 25, 2012 11:08 AM
To: Benjamin Sussman
Cc: Christin Weggemann; Deb McGovern; Jim Scott; John Borovsky
Subject: RE: NorthMet EIS

Ben,

The trucks, shovels, drills, mobile equipment and locomotives at the mine site will have lights for night time operation, the stockpiles will probably have light plants. There will also be outdoor lighting at the mine site water treatment plant and the rail transfer hopper, offices and at the Area 2 Shop reporting area. Most of the lighting at the Mine site will be directed downward, for example at the digging area in the case of the shovels and loaders, at the driving surface in the case of the haul trucks and locomotives, and at the dumping area at the stockpiles and the rail transfer hopper. The area around the blasthole drills will be illuminated so the drill can maneuver around the pattern. We will direct other lighting downward as required but will need lighting sufficient to keep the employees and equipment operating safely.

The Plant Site would have lighting on the outside of buildings, parking lots and light poles along roadway surfaces where needed for safety. In all cases, though we do not have a specific lighting plan, as we proceed with refurbishment of existing facilities and establish new facilities, for outside lighting we would consider the surrounding area during the lighting design, and select lighting locations, and orientations that minimize the spill light away from the working surface or area, select lighting that controls the intensity distribution, use well-shielded lights where possible and keep floodlight aiming angles low so that the entire beam falls within the intended lighted area.

Please call if you have further questions.



Kevin Pylka

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From: Benjamin Sussman [<mailto:Benjamin.Sussman@erm.com>]
Sent: Friday, June 29, 2012 9:04 AM
To: Kevin Pylka
Cc: Christin Weggemann; Deb McGovern
Subject: Re: NorthMet EIS

Hi Kevin,

We're in the process of addressing some agency comments on preliminary drafts of the Recreation/Visual impacts section of the SDEIS, and I'm hoping that you can help me address a question: To your knowledge, does PolyMet intend to institute any measures to address light pollution (the visibility of lighting from surrounding areas and communities at night)? If so, I'd appreciate a copy of any documentation you have, or a brief summary of PolyMet's approach.

Thanks very much,

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