From: Karen Kharatyan
To: Eva Paul
Cc: Phyllis Beaulieu
Subject: RE: Jericho parameters
Date: Friday, March 02, 2012 9:56:23 AM

Good morning Eva,

You are right, the discharge criteria are set only for the discharge from the PKCA and monitored at station JER-AEM-04 as site's all waste water is collected in the PKCA.

The discharge criteria or the Effluent quality limits are set in the **Part F Conditions Applying to Waste Disposal and Waste Management (Item 16)** of the licence. The limits are set in accordance with the CCME guidelines for the protection of freshwater aquatic life. Although there are no CCME guidelines for some parameters (like chloride or TDS), however, the limits were included in the licence after discussions with EC, Shear Diamonds and NWB during the public hearing .

Hopefully, this information helps you.

Regards,

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From: Phyllis Beaulieu [mailto:licensing@nunavutwaterboard.org]
Sent: Friday, March 02, 2012 9:08 AM
To: 'Eva Paul'
Cc: Karen Kharatyan
Subject: RE: Jericho parameters

Good morning Eva – As your query is of a technical nature I've forwarded it over to the technical advisor assigned to the Jericho file. He will provide you with the required info.

Regards,

From: Eva Paul [mailto:Eva.Paul@aandc-aadnc.gc.ca]
Sent: Friday, March 02, 2012 8:19 AM
To: Phyllis Beaulieu <licensing@nunavutwaterboard.org
Subject: Jericho parameters

Hi Phyllis,

I will be conducting an inspection at Jericho (and Doris) later this month, and am busily studying up on what I need to know... In reading Kyle/Mathieu's latest Monthly Report, I've encountered a challenge. In the licence, the only effluent discharge criteria I can find are those set for the discharge from the PKCA at site JER-AEM-04 (p14). However, what is being reported on are the Site Water Quality & Thermal Monitoring Stations. The licence details the parameters to monitor at these SWQ stations, but not the discharge criteria that we will compare the results to. Can you tell me to what standards I should be comparing these data? Is it the CCME - Protection of Aquatic Life?

Thanks,

Eva

Eva Paul
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>>> Mathieu Charbonneau <mcharbonneau@sheardiamonds.com> 2/28/2012 7:21 PM >>>
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