

From: [Michelle Tanguay](#)
To: licensing@nunavutwaterboard.org
Cc: [Melissa Joy](#); [Pamela Strand](#)
Subject: Discharge Jericho
Date: Tuesday, October 05, 2010 1:32:28 PM
Attachments: [image001.png](#)
[oledata.mso](#)
[Sept 14 Assay Results.xls](#)
[daphnia Sept.doc](#)
[trout Sept.doc](#)

Suite 220, 17010 - 103 Avenue
Edmonton, AB, Canada T5S 1K7
Tel: 780-435-0045 Fax: 780-428-3476
www.shearminerals.com
TSXV: SRM

October 5, 2010

Phyllis Beaulieu, Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, Nunavut
X0B 1J0

Delivered by email

RE: Summary of discharge from Process Kimberlite Containment Area (PKCA)

Discharge of the Process Kimberlite Containment Area ceased on September 26th. Final height of 516.08m meets the 1 meter freeboard required by PART G, Item 2a of water license NWB1JER0410. The total water discharged was 51 991.56 meters³. The discharge water meets quality criteria required by Part G, Section 6 and Part G, Section 7 as well as the acceptable BTEX/Oil and Grease criteria established by the Nunavut Water Board in 2009. Attached are analytical results from September 14, 2010. Bioassays for trout and daphnia are also included. Final analytical results from water sampling completed on September 21 and September 29th results will follow upon completion of assays.

Total water used for domestic purposes from September 16 to October 3rd inclusive was 2980 litres. Grey water discharged to the east cell of PKCA (12W 0477385, 7318758) was 2300 litres.

Should you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Michelle Tanguay
Environment Manager
michelle@shearminerals.com
Tel: (250) 362-9530

cc: Melissa Joy
Water Resource Officer
Indian & Northern Affairs Canada
PO Box 100, Iqaluit, NU, X0A 0H0