



July 16, 2014

File: L020

Rosanna Nicol and Marc Casas
Mackenzie Valley Land and Water Board
P.O. Box 2130
Yellowknife, NT X1A 2P6

Marty Sanderson
Manager Diamond Resource Management
Department of Lands, North Slave Region, GNWT
140 Bristol Road
Yellowknife, NT X1A 3T2

Dear: Mr. Casas, Ms. Nicol and Mr. Sanderson:

Re: Snap Lake Mine De Beers Canada Inc. Water Licence MV2011L2-0004 Total Dissolved Solids Whole-lake Average Result June 25, 2014

On June 24, 2014, De Beers Canada Inc. (De Beers) notified you that the average concentration of total dissolved solids (TDS) at Surveillance Network Program (SNP) station SNP 02-18 (Snap Lake) as described in MV2011L2-0004 had exceeded the licence limit of 350 mg/L on May 6, 2014. De Beers indicated that based on historical SNP results, the TDS concentration was expected to be lower following melting of the lake ice, and that a sampling program would be initiated to confirm this prediction. Below, please find the results of this supplemental TDS testing at stations comprising SNP 02-18. The next regularly scheduled sample program at SNP 02-18 is planned for late July.

The results provided in Table 1 confirm the predictions that TDS would be lower following ice-out. The whole-lake TDS concentration on July 25, calculated using method 1030 E in Standard Methods for the Examination of Water and Wastewater, 21st Edition (American Public Health Association, 2005) was 274 mg/L, which is below the licence limit of 350 mg/L.

Table 1: Snap Lake Water Quality Total Dissolved Solids, Calculated Results, June 2014

SNP 02-18 Station	Calculated TDS (mg/L)
SNAP03	265
SNAP05	253
SNAP06	290
SNAP08	237
SNAP09	283
SNAP11A	284
SNP 02-20d	254
SNP 02-20e	351
SNP 02-20f	258
SNP 02-20g	260
Average	274

Should you have any questions regarding the above, please contact Alexandra Hood at alexandra.hood@debeersgroup.com.

Sincerely,
DE BEERS CANADA INC.



Erica Bonhomme
Environmental Manager
 Snap Lake Mine

cc	R. Bjornson	DKFN
	M. Tollis	LKDFN
	M. Hoover	NSMA
	T. Heron	NWTMN
	P. di Pizzo, Z. Liu	SLEMA
	S. Van der Wielen	Tlicho
	T. Slack, S.Gault	YKDFN