

26 September 2008

Via E-Mail

Chief Administrative Officer Nunavut Water Board P.O. Box 119 Gjoa Haven, NU X0B 1J0

Attention: Ms. Phyllis Beaulieu

Dear Ms. Beaulieu,

Reference: Tahera Diamond Corporation Jericho Diamond Mine Monthly SNP Report for August 2008

Tahera Diamond Corporation (Tahera) is pleased to provide Nunavut Water Board (NWB) with the Jericho Diamond Mine (Jericho) monthly report for August 2008 as required under Water License 2AM-JER0410

SNP Sampling

During the month of August 2008 samples were collected as required for the SNP sampling program. A summary of the sampling is provided in Table 1.

Table 1: SNP Water Sampling Summary

SNP Station	Sampling Date	Lab#	Comment
Various	7-Aug-08	280450	Taiga
Various	6-Aug-08	L666188	ALS
Various	14-Aug-08	L669851	ALS
Various	28-Aug-08	L676409	ALS
Various	21-Aug-08	L672841	ALS

All Samples were collected as per requirements under Water License 2AM-JER0410.

Note:

The diamond plant did not operate in August; however, there was discharge of supernatant water from the PKCA.

The toxicity results for August were previously submitted as part of the July SNP report.

Results

Water Sampling and Analysis Results

Table 2 provides the results for samples related to the SNP sampling requirements for the month of August 2008.

Toxicity Tests

Toxicity tests for August are attached to this report

Flow and Volume Measurements

Table 3 provides a breakdown of flow and volume measurements and solid material moved as required under Part K, Item 12 and 13 of the water license.

Should you have any questions regarding the monthly report for August 2008 please contact the undersigned.

Yours truly,

Andrew Coster

Environmental Tech

Tahera Diamond Corporation

Tel. (780) 644-9129

Fax (780) 644-9181

E-mail acoster@tahera.com

c. G. Missal, M. Johnson, B. Ott, L. Staples

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Table 3: Flow and Volume Measurements-Part K Item 12 and 13

Date	Carat Lake Freshwater Use Daily Volume (m3)b	Carat Lake Freshwater Use (Construction Requirements)-Daily Calculated	Treated Sewage Effluent to PKCA (Long Lake)-Daily Discharge (L)	Treated Sewage to Sludge Pit (USG)	Pit Pond Water to Long Lake- Daily	East Sump Pond to PKCA (Long Lake)	Other Waters to PKCA (Long Lake)	Water Discharged from PKCA (L)	PKCA Water Recycled	Process Plant Freshwater	Process Plant Water Discharged to PKCA	Coarse Rejects (tonnes)	Fine Rejects to PKCA (tonnes)	Ore Processed (tonnes)	Quantity of Waste Rock (tonnes)	Quantity of Esker (tonnes)	of Till
1-Aug-08	18.3	0.0	542710	0.0	0.0	0.0		36,308,714		0.0							
2-Aug-08	0.0	0.0	8200	0.0	0.0	0.0		40,102,577		0.0							
3-Aug-08	10.4	0.0	860	0.0	0.0	0.0		44,059,133		0.0							
4-Aug-08	0.0	0.0	0	1500.0	0.0	0.0		47,363,166		0.0							
5-Aug-08	13.3	0.0	4380	0.0	0.0	0.0		50,754,792		0.0							
6-Aug-08	0.0	0.0	5600	0.0	0.0	0.0		53,095,683		0.0							
7-Aug-08	10.2	0.0	4170	0.0	0.0	0.0		56,320,183		0.0							
8-Aug-08	0.0	0.0	5600	0.0	0.0	0.0		59,544,684		0.0							
9-Aug-08	12.9	0.0	3620	0.0	0.0	0.0		62,179,540		0.0							
10-Aug-08	0.0	0.0	5220	0.0	0.0	0.0		62,491,988		0.0							
11-Aug-08	2.1	0.0	4010	0.0	0.0	0.0		62,491,988		0.0							
12-Aug-08	0.0	0.0	5690	0.0	0.0	0.0		64,273,619		0.0							
13-Aug-08	14.0	0.0	4200	0.0	0.0	0.0		67,046,215		0.0							
14-Aug-08	5.7	0.0	4730	0.0	0.0	0.0		70,148,073		0.0							
15-Aug-08	9.7	0.0	4500	0.0	0.0	0.0	_	74,010,890	_	0.0	_	_	_	_	_	_	
16-Aug-08	2.3	0.0	6670	0.0	0.0	0.0	<u>></u>	77,832,014	<u> </u>	0.0	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
17-Aug-08	0.0	0.0	4880	0.0	0.0	0.0	μ	81,620,015	\equiv	0.0	_	4	\equiv	_	_		_
18-Aug-08	0.0	0.0	3530	0.0	0.0	0.0	It	85,653,303	포	0.0	포	Ŧ	포	포	포	포	ᄑ
19-Aug-08	0.0	0.0	3710	0.0	0.0	0.0	Monthly	89,215,667	onthly	0.0	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
20-Aug-08	0.0	0.0	6180	0.0	0.0	0.0	2	93,388,898	2	0.0	<u> </u>	2	2		<u> </u>	2	<u> </u>
21-Aug-08	20.2	0.0	6560	0.0	0.0	0.0	2	97,413,434	Š	0.0	≥	2	≥	≥	≥	2	≥
22-Aug-08	0.0	0.0	3920	0.0	0.0	0.0		101,728,538		0.0							
23-Aug-08	0.0	0.0	210	1500.0	0.0	0.0		106,081,364		0.0							
24-Aug-08	22.4	0.0	2480	0.0	0.0	0.0		114,982,401		0.0							
25-Aug-08	0.0	0.0	7480	0.0	0.0	0.0		122,500,986		0.0							
26-Aug-08	0.0	0.0	10720	0.0	0.0	0.0		129,709,167		0.0							
27-Aug-08	0.0	0.0	4940	0.0	0.0	0.0		137,679,351		0.0							
28-Aug-08	22.2	0.0	6470	0.0	0.0	0.0		145,463,104		0.0							
29-Aug-08	11.5	0.0	4310	0.0	0.0	0.0		153,327,835		0.0							
30-Aug-08	0.0	0.0	4920	0.0	0.0	0.0		160,907,145		0.0							
31-Aug-08	8.7	0.0	10100	0.0	0.0	0.0		168,750,125		0.0							
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4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3 Tel: (867)-669-2788 Fax: (867)-669-2718

- FINAL REPORT -

Prepared For: Tahera Diamond Corp

Address: Box 2341

Yellowknife, NT

X1A 2P7

Attn: Environment Department

Facsimile: (780) 644-9181

Final report has been reviewed and approved by:

NOTES:

A∕Manager

- > Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association of Environmental Analytical Laboratories (CAEAL) as a testing laboratory for specific tests registered with CAEAL.
- > Routine methods are based on recognized procedures from sources such as
 - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
 - o Environment Canada
 - o USEPA
- > Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- > Final results are based on the specific tests at the time of analysis and do not represent the conditions during sampling.



Taiga Batch No.: 280450

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3 Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: Jer-WQ01

Taiga Sample ID: 001

Client Project:

Sample Type: Water Received Date: 07-Aug-08 Sampling Date: 07-Aug-08

Sampling Time: 7:00

Location: Carat Lake Intake

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Microbiology						
Coliforms, Fecal	<1	1	CFU/100mL	07-Aug-08	SM9222:D	6



Taiga Batch No.: 280450

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3 Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: Jer-WQ02

Taiga Sample ID: 002

Client Project:

Sample Type: Water
Received Date: 07-Aug-08
Sampling Date: 07-Aug-08
Sampling Time: 7:00

Sampling Time: 7:00

Location: PKCA West End

Report Status:

Final

Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
< 2	2	mg/L	08-Aug-08	SM5210:B	6
< 1	1	CFU/100mL	07-Aug-08	SM9222:D	6
	< 2	Result Limit <2	Result Limit Units <2 2 mg/L <1 1 CFU/100mL	Result Limit Units Date <2 2 mg/L 08-Aug-08	Result Limit Units Date Method * <2



Taiga Batch No.: 280450

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3 Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: Jer-SW1

Taiga Sample ID: 003

Client Project:

Sample Type: Water

Received Date: 07-Aug-08

Sampling Date: 07-Aug-08

Sampling Time:

Location: STP

Report Status:

Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Biochemical Oxygen Demand	7	2	mg/L	08-Aug-08	SM5210:B	6
Microbiology						
Coliforms, Fecal	200	100	CFU/100mL	07-Aug-08	SM9222:D	6

ReportDate: Tuesday, August 19, 2008 Wednesday, August 20, 2008 **Print Date:**



Taiga Batch No.: 280450

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3 Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: STP-out

Taiga Sample ID: 004

Client Project:

Sample Type: Water

ype. Titte.

Received Date: 07-Aug-08

Sampling Date: 07-Aug-08

Sampling Time:

Location:

Report Status:

Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Nutrients						
Biochemical Oxygen Demand	5	2	mg/L	08-Aug-08	SM5210:B	6
Microbiology						
Coliforms, Fecal	400	100	CFU/100mL	07-Aug-08	SM9222:D	6



Taiga Batch No.: 280450

4601-52nd Ave., Box 1500, Yellowknife, NT. X1A 2R3 Tel: (867)-669-2788 Fax: (867)-669-2718

- CERTIFICATE OF ANALYSIS -

Client Sample ID: STP-out

Taiga Sample ID: 004

- DATA QUALIFERS -

Data Qualifier Descriptions:

6 Sample received above the recommended temperature

* Taiga analytical methods are based on the following standard analytical methods SM - Standard Methods for the Examination of Water and Wastewater EPA - United States Environmental Protection Agency