



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***

<b>SNP Station</b>	<b>Sampling Date</b>	<b>Lab #</b>	<b>Comment</b>
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](mailto:acoster@tahera.com)

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



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

[illegible]



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

**Taiga Batch No.:**  
**280450**

**- FINAL REPORT -**

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**Prepared For:** Tahera Diamond Corp

**Address:** Box 2341  
Yellowknife, NT  
X1A 2P7

**Attn:** Environment Department

**Facsimile:** (780) 644-9181

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**Final report has been reviewed and approved by:**

  
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Helene Harper  
Manager

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**NOTES:**

- 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;
  - Environment Canada
  - 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.

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



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Taiga Batch No.:  
280450

- 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
<u>Microbiology</u>						
Coliforms, Fecal	< 1	1	CFU/100mL	07-Aug-08	SM9222:D	6



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Taiga Batch No.:  
280450

- 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

Location: PKCA West End

Report Status: Final

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
<u>Inorganics - Nutrients</u>						
Biochemical Oxygen Demand	< 2	2	mg/L	08-Aug-08	SM5210:B	6
<u>Microbiology</u>						
Coliforms, Fecal	< 1	1	CFU/100mL	07-Aug-08	SM9222:D	6

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Taiga Batch No.:  
280450

- 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
<u>Microbiology</u>						
Coliforms, Fecal	200	100	CFU/100mL	07-Aug-08	SM9222:D	6

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Taiga Batch No.:  
280450

- CERTIFICATE OF ANALYSIS -

Client Sample ID: STP-out

Taiga Sample ID: 004

Client Project:  
Sample Type: Water  
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
<u>Inorganics - Nutrients</u>						
Biochemical Oxygen Demand	5	2	mg/L	08-Aug-08	SM5210:B	6
<u>Microbiology</u>						
Coliforms, Fecal	400	100	CFU/100mL	07-Aug-08	SM9222:D	6

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Taiga Batch No.:  
280450

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- CERTIFICATE OF ANALYSIS -

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Client Sample ID: STP-out

Taiga Sample ID: 004

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- DATA QUALIFIERS -

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*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