

9 June 2008

AMEC File: VE51295.3100

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 April 2008

On behalf of Tahera Diamond Corporation (Tahera), AMEC Earth & Environmental (AMEC) is pleased to provide Nunavut Water Board (NWB) with the Jericho Diamond Mine (Jericho) monthly report for April 2008 as required under Water Licence 2AM-JER0410.

Our apologies for the delay in reporting which was due to late arriving data for April.

SNP Sampling

During the month of April 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
JER-SW1	21 Apr 08	L621347/280163	ALS/Taiga
JER-SW3	17 Apr 08	L621070	ALS
JER-WQ1	21 Apr 08	L621347	ALS
JER-WQ2	21 Apr 08	L621347/280163	ALS/Taiga
JER-WQ6	20 Apr 08	L621347	ALS
JER-WQ8	19 Apr 08	L621347	ALS
JER-WQ10	20 Apr 08	L621347	ALS
JER-WQ11	19 Apr 08	L621347	ALS
JER-WQ13	19 Apr 08	L621347	ALS

All samples were collected as per requirements under Water License 2AM-JER0410. Sample locations not listed in Table 1 were not required to be sampled during the month of April.

JER-WQ2 was collected to provide pre-discharge water chemistry and results will be re-submitted to the Board with Tahera's application to discharge water from the PKCA.

Results

Water Sampling and Analysis Results

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

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 April 2008 please contact the undersigned.

Yours truly,

A handwritten signature in black ink, appearing to read "Bruce Ott", with a stylized flourish at the end.

Senior Associate
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c. G. Missal, M. Johnson, A. Coster: Tahera

TABLE 2 - APRIL WATER CHEMISTRY

Project	JERICHO												
Report To	ENVIRONMENT DEPARTMENT, TAHERA DIAMOND CORPORATION												
ALS File No.	L621347	L621070	L621347	L621347	L621347	L621347	L621347	L621347	L621347	L621347	L621347	L621347	L621347
Date Received	22-Apr-08	21-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08	22-Apr-08
Date	20-May-08	01-May-08	20-May-08	20-May-08	20-May-08	20-May-08	20-May-08	20-May-08	20-May-08	20-May-08	20-May-08	20-May-08	20-May-08
RESULTS OF ANALYSIS													
JER-SW1 JER-SW3 JER-WQ1 (4) JER-WQ 2 JER-WQ 6 JER-WQ 6 DUPLICATE JER-WQ 8 JER-WQ 10 JER-WQ11 JER-WQ 13 JER-TB1 JER-FB1													
Sample ID	JER-SW1	JER-SW3	JER-WQ1 (4)	JER-WQ 2	JER-WQ 6	DUPLICATE	JER-WQ 8	JER-WQ 10	JER-WQ11	JER-WQ 13	JER-TB1	JER-FB1	
Date Sampled	21-Apr-08	17-Apr-08		21-Apr-08	20-Apr-08	20-Apr-08	19-Apr-08	20-Apr-08	19-Apr-08	19-Apr-08	20-Apr-08	20-Apr-08	
Time Sampled	00:00	00:00		00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	
ALS Sample ID	L621347-10	L621070-1	L621347-11	L621347-7	L621347-5	L621347-6	L621347-2	L621347-4	L621347-1	L621347-3	L621347-8	L621347-9	
Matrix	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	
Units													
Physical Tests													
Hardness (as CaCO3)	mg/L	-	53.5	6.1	176	6.71	6.18	7.9	7.85	7.27	48.8	<0.50	<0.50
Conductivity	uS/cm	-	241	13.6	633	15.4	14.3	18.4	19.8	17.3	131	<2.0	<2.0
pH	pH units	7.23	8.98	6.65	7.58	6.91	6.85	6.99	6.96	7.58	7.88	5.7	5.63
Total Dissolved Solids	mg/L	-	115	19	351	<10	<10	<10	<10	10	73	<10	<10
Total Suspended Solids	mg/L	19.5	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Turbidity	NTU	-	1.81	0.27	0.64	0.21	0.18	0.48	0.25	0.22	0.54	<0.10	<0.10
Anions and Nutrients													
Ammonia as N	mg N/L	10.4	0.93	0.0262	4.26	0.017	0.0154	0.0062	0.0076	0.014	0.0655	0.0062	0.026
Acidity (as CaCO3)	mg/L	-	<1.0	2.5	10.9	1.1	1.1	1.1	1	<1.0	4.1	1.6	2.1
Alkalinity, Bicarbonate (as CaCO3)	mg/L	-	17.1	4.4	88.4	4.9	4.6	6.9	6.2	7.1	36.9	<1.0	<1.0
Alkalinity, Carbonate (as CaCO3)	mg/L	-	40.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Alkalinity, Hydroxide (as CaCO3)	mg/L	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Alkalinity, Total (as CaCO3)	mg/L	-	57.8	4.4	88.4	4.9	4.6	6.9	6.2	7.1	36.9	<1.0	<1.0
Chloride (Cl)	mg/L	-	17.2	<0.50	30.9	<0.50	<0.50	<0.50	<0.50	<0.50	7.99	<0.50	<0.50
Sulfate (SO4)	mg/L	-	8.8	1.06	42.5	1.05	1.09	1.17	1.36	0.9	7.85	<0.50	<0.50
Nitrate (as N)	mg N/L	15.8	8.12	0.0248	32.4	0.0541	0.0586	0.05	0.218	<0.0050	3.32	<0.0050	<0.0050
Nitrite (as N)	mg N/L	2.08	0.125	<0.0010	0.355	<0.0010	0.0021	<0.0010	<0.0010	<0.0010	0.0042	<0.0010	<0.0010
Ortho Phosphate as P	mg/L	67.9	<0.0010	0.0015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Dissolved Phosphate As P	mg/L	-	0.0029	<0.0020	0.0034	<0.0020	<0.0020	0.003	<0.0020	<0.0020	0.0022	<0.0020	<0.0020
Total Phosphate as P	mg/L	-	0.0051	0.0047	0.0086	0.0026	0.003	0.0042	0.0029	0.0029	0.0071	<0.0020	<0.0020
Total Metals													
Aluminum (Al)-Total	mg/L	-	0.0416	0.0132	0.0031	0.0092	0.0081	0.008	0.0071	0.0042	0.0113	<0.0010	<0.0010
Antimony (Sb)-Total	mg/L	-	0.00046	<0.00010	0.00067	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00068	<0.00010	<0.00010
Arsenic (As)-Total	mg/L	-	0.00017	0.00029	0.0007	0.00033	0.0003	0.00039	0.00033	0.0004	0.00045	<0.00010	<0.00010
Barium (Ba)-Total	mg/L	-	0.124	0.00198	0.14	0.00189	0.00174	0.0027	0.00215	0.00161	0.00851	<0.000050	<0.000050
Beryllium (Be)-Total	mg/L	-	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Bismuth (Bi)-Total	mg/L	-	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Boron (B)-Total	mg/L	-	0.072	<0.010	0.065	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cadmium (Cd)-Total	mg/L	-	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Calcium (Ca)-Total	mg/L	-	8.3	1.25	35.9	1.4	1.26	1.65	1.61	1.58	10	<0.050	<0.050
Chromium (Cr)-Total	mg/L	-	0.0018	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.00067	<0.00050	<0.00050
Cobalt (Co)-Total	mg/L	-	0.00034	<0.00010	0.00022	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Copper (Cu)-Total	mg/L	-	0.00058	0.00091	0.00168	0.00094	0.00083	0.00097	0.00085	0.00087	0.00276	<0.00010	<0.00010
Iron (Fe)-Total	mg/L	-	0.18	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Lead (Pb)-Total	mg/L	-	<0.000050	<0.000050	0.000093	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000113	<0.000050	<0.000050
Lithium (Li)-Total	mg/L	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Magnesium (Mg)-Total	mg/L	-	8.95	0.695	20.2	0.781	0.713	0.86	0.959	0.78	6.02	<0.050	<0.050
Manganese (Mn)-Total	mg/L	-	0.0034	0.000964	0.0352	0.000472	0.000481	0.0024	0.000959	0.000446	0.00123	<0.000050	<0.000050
Mercury (Hg)-Total	mg/L	-	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Molybdenum (Mo)-Total	mg/L	-	0.00345	<0.000050	0.00898	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000167	<0.000050	<0.000050
Nickel (Ni)-Total	mg/L	-	0.00654	<0.00050	0.00892	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.00143	<0.00050	<0.00050
Potassium (K)-Total	mg/L	-	15.2	<0.50	20	<0.50	<0.50	<0.50	<0.50	<0.50	1.25	<0.50	<0.50
Selenium (Se)-Total	mg/L	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Silicon (Si)-Total	mg/L	-	2.54	0.205	4.31	0.148	0.16	0.184	0.206	0.299	0.876	<0.050	<0.050
Silver (Ag)-Total	mg/L	-	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Sodium (Na)-Total	mg/L	-	14.7	0.58	28.3	0.65	0.59	0.66	0.83	0.64	5.46	<0.50	<0.50
Strontium (Sr)-Total	mg/L	-	0.47	0.006	0.9	0.00627	0.00568	0.00743	0.0081	0.00628	0.0317	<	

TABLE 2 - APRIL WATER CHEMISTRY

Sample ID		JER-SW1	JER-SW3	JER-WQ1 (4)	JER-WQ 2	JER-WQ 6	JER-WQ 6	JER-WQ 8	JER-WQ 10	JER-WQ11	JER-WQ 13	JER-TB1	JER-FB1
Date Sampled		21-Apr-08	17-Apr-08		21-Apr-08	20-Apr-08	20-Apr-08	19-Apr-08	20-Apr-08	19-Apr-08	19-Apr-08	20-Apr-08	20-Apr-08
Time Sampled		00:00	00:00		00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
ALS Sample ID		L621347-10	L621070-1	L621347-11	L621347-7	L621347-5	L621347-6	L621347-2	L621347-4	L621347-1	L621347-3	L621347-8	L621347-9
Matrix		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Biochemical Oxygen Demand	mg/L	17			3								
Fecal Coleforms	CFU/100 mL	79000			<1								

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

DATE	Carat Lake Freshwater Use (m3) (Camp and Emulsion Plant) - Daily	Carat Lake Freshwater Use (m3) (Construction Requirements) - Daily	Treated Sewage Effluent to PKC (Long Lake) (m3) - Daily Calculated	Sewage Sludge Removed (m3)	Pit Pond Water to Long Lake (m3) - Daily	East Sump pond to PKC (Long Lake) (m3) - Daily	Other waters to PKC (Long Lake) (m3)	Water Discharged from PKC (m3)	PKC Water Recycled (m3)	Process Plant Fresh Water (m3)	Process Plant Water Discharged to PKC (m3)	Coarse Rejects (tonnes)	Fine Rejects to PKC (tonnes)	Ore Processed (tonnes)	Quantity of Waste Rock (tonnes)	Quantity of Esker (tonnes)	Quantity of till (tonnes)
1-Apr-08	10.9	0.0	7.6	Monthly			Monthly		Monthly	1244.1	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
2-Apr-08	19.0	0.0	13.3							1036.9							
3-Apr-08	13.6	0.0	9.5							1131.4							
4-Apr-08	16.1	0.0	11.3							1197.6							
5-Apr-08	16.7	0.0	11.7							1202.9							
6-Apr-08	15.8	0.0	11.1							1134.1							
7-Apr-08	16.0	0.0	11.2							1183.2							
8-Apr-08	15.9	0.0	11.1							1241.8							
9-Apr-08	14.7	0.0	10.3							1162.8							
10-Apr-08	12.4	0.0	8.7							1132.8							
11-Apr-08	12.4	0.0	8.7							1190.8							
12-Apr-08	16.6	0.0	11.6							994.3							
13-Apr-08	25.6	0.0	17.9							1061.3							
14-Apr-08	54.6	0.0	38.2							1070.2							
15-Apr-08		0.0								964.8							
16-Apr-08		0.0								1019.3							
17-Apr-08		0.0								1005.2							
18-Apr-08	7.6	0.0	10.4							1003.4							
19-Apr-08	22.0	0.0	10.2							1009.8							
20-Apr-08	8.4	0.0	14.1							1044.1							
21-Apr-08	14.9	0.0	11.5							1069.8							
22-Apr-08	14.5	0.0	11.5							1163.8							
23-Apr-08	20.1	0.0	11.3							1181.7							
24-Apr-08	16.4	0.0	15.8							1170.0							
25-Apr-08	16.4	0.0	11.5							1093.1							
26-Apr-08	16.1	0.0	11.3							1065.6							
27-Apr-08	22.6	0.0	15.8							1036.3							
28-Apr-08	18.4	0.0	12.9							1075.5							
29-Apr-08	1.0	0.0	0.7							388.9							
30-Apr-08	25.6	0.0	17.9							2.4							
Total	438.7	0.0	319.1	11	0.0	0.0	0.0	0.0	0.0	31275.6	28,091	22152	8511	32015	0.0	0.0	0.0