0011

PLATEAU MINING CORPORATION
P.O. Box 30
Helper, UT 84526

April 9, 2007

Mr. Jeff Studenka
State of Utah
Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

C/007/0038 8K
Chron
~~C/015/0032~~
Copy Wayne H
and Dave D
and Peter PFO

Re: Temporary Modification of UPDES Permit No. UTG040012 to allow for the discharge of approximately 1 million gallons of water from the Crandall Canyon No. 2 Shaft

Dear Mr. Studenka:

Plateau Mining Corporation (Plateau) is hereby submitting a request for a temporary modification for discharge under the Willow Creek Mine UPDES permit No. UTG040012 to allow for the discharge of approximately one million gallons (1,000,000) of water from the #2 shaft in Crandall Canyon. This water will be discharged into the rip-rap lined stream bed in Crandall Canyon and will eventually flow to the Price River approximately 1 ¼ miles downstream of the discharge point.

This temporary outfall is located in Crandall Canyon (Carbon County Utah) at Latitude 39 45 06 Longitude 110 54 48.

The water will be pumped from the No. 2 (return air) shaft in Crandall Canyon through a 3" hose which will discharge into the Crandall Canyon drainage at the location provided above. A 40 HP submersible well pump will be used. This 40 HP pump has the capacity to pump 225 gallons per minute or 324,000 per day, however, due to the daily TDS discharge limitation of 1 ton/day, the initial the daily volume will be limited to 200,000 gallons.

On March 28th 2007 a sample of the water in the shaft was taken and analyzed for pH, TSS, TDS, Iron, and Oil & Grease as required by Plateau's UPDES permit. Additionally, at the request of the Division of Water Quality and the Division of Oil, Gas and Mining, this water sample was also tested for a number of other parameters (see the attached

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sample analysis report). Based on the results of this water sample no further treatment is anticipated.

Based on the TDS value of 1050 mg/L taken from the March 28th 2007 sample, pumping will initially be limited to 200,000 gallons per day which allows for an 11% safety factor. This pumping rate may be adjusted up or down based on the TDS determined from the samples taken just before and after pumping begins. At the 200,000 gallon/per/day pumping rate it is estimated that it will require five days to finish the pumping. A flow meter will be installed on the discharge line to accurately measure the quantity of water pumped. Once the water has been pumped down to the point where water is expected to be inflowing into the shaft (estimated to be approximately 90 feet below the surface evaluation) the inflow volume can be estimated and a better determination of the total quantify to water to be pumped will be made.

Water samples will be taken the day before pumping begins, during the first hour of pumping and any time the visual quality of the water changes during the pumping process. A sample will also be taken if this project crosses over into the next month. Each sample will be tested for pH, TSS, TDS, Iron, and Oil & Grease.

The exact date and time that pumping will begin depends on when the requested temporary modification is issued. Once the temporary modification is issued the contractor will require several days to prepare the site for pumping. Plateau will notify Division of Water Quality, the Division of Oil Gas and Mining and the BLM at least 24 hours before pumping begins.

Sincerely,

Dennis N. Ware
Controller and Administrative Manager

Enclosures

cc: Pamela Grubaugh-Littig, UDOGM, SLC Office

SGS

April 10, 2007

PLATEAU MINING
P.O. BOX 30
HELPER UTAH 84526
DENNIS WARE

Sample identification by
Star Point

ID:Crandall Canyon #2 Shaft

Kind of sample reported to us: Water

Sample taken at: Star Point

Sample taken by: D.Ware

Date sampled: March 28, 2007

Date received: March 28, 2007

RECEIVED 1340
SAMPLED 1048
SNOWING, POSSIBLE MATRIX INTERFERENCE ON ALKALINITY
DIS.METALS
FILTERED @ LAB

Analysis report no. 59-29823

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	339	5	mg/l as $CaCO_3$	SM 2320 B	03-29-2007 0900 GF
Alkalinity, Carbonate	<5	5	mg/l as $CaCO_3$	SM 2320 B	03-29-2007 0900 GF
Alkalinity, Total	339	5	mg/l as $CaCO_3$	SM 2320 B	03-29-2007 0900 GF
Aluminum, Total	0.35	0.030	mg/l	EPA 200.7	03-30-2007 1945 DI
Aluminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	03-29-2007 1223 DI
Barium, Total	0.146	0.002	mg/l	EPA 200.7	03-30-2007 1945 DI
Barium, Dissolved	0.115	0.002	mg/l	EPA 200.7	03-29-2007 1223 DI
Calcium, Total	158.00	0.03	mg/l	EPA 200.7	03-30-2007 1945 DI
Calcium, Dissolved	143.00	0.03	mg/l	EPA 200.7	03-29-2007 1223 DI
Chloride	5	1	mg/l	EPA 300.0	03-28-2007 2320 BM
Chromium, Total	<0.001	0.001	mg/l	EPA 200.7	03-30-2007 1945 DI
Chromium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	03-29-2007 1223 DI
Copper, Total	<0.01	0.010	mg/l	EPA 200.7	03-30-2007 1945 DI
Copper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	03-29-2007 1223 DI
Iron, Total	0.19	0.050	mg/l	EPA 200.7	03-30-2007 1945 DI
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	03-29-2007 1223 DI
Magnesium, Total	69.30	0.01	mg/l	EPA 200.7	03-30-2007 1945 DI
Magnesium, Dissolved	63.50	0.01	mg/l	EPA 200.7	03-29-2007 1223 DI
Oil & Grease	<2	2	mg/l	EPA 413.1	03-30-2007 0900 DI
pH	7.52	----	pH units	EPA 150.1	03-28-2007 1405 GF
pH Sample Temp.	12.9	----	Deg C	EPA 150.1	03-28-2007 1405 GF
Phosphorous, Total	0.05	0.05	mg/l as P	SM4500-P-B,E	03-30-2007 0900 BM
Potassium, Total	16.60	0.14	mg/l	EPA 200.7	03-30-2007 1945 DI
Potassium, Dissolved	16.60	0.14	mg/l	EPA 200.7	03-29-2007 1223 DI

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

April 10, 2007

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DENNIS WARE

Sample identification by
Star Point

ID:Crandall Canyon #2 Shaft

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Sample taken by: D.Ware

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Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst	
Sodium, Total	80.20	0.09	mg/l	EPA 200.7	04-09-2007 2127	DI
Sodium, Dissolved	78.20	0.09	mg/l	EPA 200.7	03-29-2007 1223	DI
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	03-28-2007 1500	BM
Solids, Total Dissolved	1014	30	mg/l	EPA 160.1	03-30-2007 1330	GF
Solids, Total Suspended	15	5	mg/l	EPA 160.2	03-30-2007 1330	GF
Sulfate	83	1	mg/l	EPA 300.0	03-28-2007 2320	BM
Turbidity	10.0	0.1	NTU	EPA 180.1	03-28-2007 1600	BM

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory