

## **YUKON WATER BOARD REASONS FOR DECISION**

### **Water Use Application PM08-620, Schmidt Mining Corp. and Mining Land Use Approval AP08620**

The Yukon Water Board ("the Board") has made licensing decisions with respect to water use application PM08-620, for a type B licence and Class 4 mining land use approval AP08620 on Quartz Creek and Calder Creek for a placer mining undertaking.

Notice of the application was provided in accordance with the requirements of the *Waters Act* and the *Placer Mining Land Use Regulation*. In response, the Board received an intervention from the GY, Energy, Mines and Resources, Mining Land Use.

No party requested a public hearing. The Applicant did not respond to the interventions.

In making licensing decisions pertaining to this application, the Board also took into account the *Waters Act*, *Waters Regulation*, the application, recommendations from the interveners, the *Yukon Environmental and Socio-economic Assessment Act* ("YESAA") Decision Document, the Board's standard licence requirements, Yukon Placer Mining Fish Habitat Suitability Map, Mining Map 1150/ 14a, Chapter 14 of the Umbrella Final Agreement ("UFA") and Board policies.

#### Environmental Assessment

This application required an environmental assessment under the YESAA.

Prior to making licensing decisions, the Board reviewed the YESAA Decision Document ("Decision Document") that is included in the water use register. As per section 86 of YESAA, the Board is satisfied that the issuance of licence PM08-620 is not contrary to the terms and conditions included in the Decision Document.

Neither the Applicant nor the YESAA Decision Document proposed any alternative approaches to the operating conditions in the *Placer Mining Land Use Regulation*. These operating conditions have been incorporated into the Placer Land Use Approval for a Class 4 Operating Plan.

#### GY Mining Land Use

The Board determined that the issuance of approval AP08620, which reflects the requirements of Schedule 1 of the *Placer Mining Land Use Regulations*, will satisfy the Mining Lands recommendation for compliance.

Chapter 14 of the UFA


The Board examined the proposed use of water as it relates to Chapter 14 of the Umbrella Final Agreement, as to quantity, quality, or rate of flow of water flowing on, through or adjacent to Settlement Land, including seasonal rate of flow, as follows:

- Tr'ondëk Hwëch'in Final Agreement and Mining Claim Map 1150/14
  - The closest parcel of Settlement Land is TH R-61A. Settlement Land TH R-61A is located approximately 10km down-gradient of the proposed operations next to the Indian River.
  - Settlement Land Parcel TH R-61A is referenced in the Tr'ondëk Hwëch'in Final Agreement.
  
- Water Flow estimates and Water Use
  - According to the estimates provided in the application, the requested quantity of water to be used for the mining operations represents approximately 31% of the Quartz Creek's total flow during mining season, however it is recognized that the majority of the water withdrawn from the creeks will be returned to the creeks. Quartz Creek is one of many tributaries to the Indian River.
  
- Water Quality
  - The Department of Fisheries and Oceans has issued an Authorization for the Indian River Watershed. The Authorization includes sediment discharge standards for placer mine effluent.
  - The effluent discharge standards for freshwater production zones have been included in the licence.

Given the above considerations of geography, flow rate estimates, and water quality, the Board concluded that the proposed operation will not substantially alter the quantity, quality, or rate of flow of water flowing on, through, or adjacent to Settlement Land, including seasonal rate of flow.

Conclusion

The Board has relied on the representations, warranties and undertakings provided by the Licensee in the material filed in the application. The Board has approved the issuance of Water Use Licence PM08-620 and AP08620 for a Class 4 Placer Mining Land Use Operating Plan.

  
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Chairperson  
Yukon Water Board

August 25, 2010  
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Date