



Yukon Environmental & Socioeconomic Assessment Act  
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## Yukon Environmental & Socioeconomic Assessment Act Decision Document

This document meets the Yukon government's requirements as a Decision Body as set out in the *Yukon Environmental & Socioeconomic Assessment Act*

### Decision Document Issued By:

YG Decision Body:	EMR - Mineral Resources
Federal Decision Body(ies):	
First Nation Decision Body(ies):	

### Project

Project Name :	Northern Shoveller Resources Ltd	YESAA File Number: 2007-0139
Proponent Name:	Tim Osler	

#### Project Description:

The principal project is a placer mining operation on approximately 56 placer claims with a water source of Bonanza Creek and Klondike Valley dredge tailing ponds. Activities are proposed to occur between February and December annually for ten years.

#### Principal Activities include:

- Use of heavy machinery for obtaining water, diverting water, altering flow, crossing, drilling, stripping, material processing and reclamation activities.
- Mechanical stripping of approximately 500,000 m<sup>3</sup>/year and hydraulic stripping of up to 500,000 m<sup>3</sup>/year
- Processing of 400,000 m<sup>3</sup> /year of material
- Water use of approximately 39,280 m<sup>3</sup>/day.
- Reclamation of mined area during and upon project completion.

#### Accessory Activities include:

- Access and equipment mobilization*
- Access will utilize existing roads
  - Existing watercourse crossings will be utilized

#### Water Use

- Out of stream reservoirs
- Out of stream settling ponds

#### Fuel Use and Storage

- Storage of approximately 72,000L of fuel (diesel, gas, lubricating oil)

### Other Decision Bodies

Other Decision Body Consultation:	
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Consolidated Decision Document:

- N/A  
 No  
 Yes

## Non-Self Governing First Nations

Non-self governing First Nation Consultation:

## Decision

Pursuant to ss. 75, 76 and 80, the Yukon government has considered the YESAA Assessment and:

- a) Accepts the following recommendation(s)
- b) Rejects the following recommendation(s) for the following reason(s):
- c) Varies the following recommendation(s) as follows for the reason(s) specified:

### Government of Yukon accepts the following:

- Proponent shall ensure that surface and sub-surface runoff from tailing deposits and disturbed areas are controlled and directed towards settling ponds for treatment before a controlled release into the environment away from developed areas.
- Proponent shall provide for progressive annual reclamation throughout the lifespan of the proposed project.
- The Proponent shall use an adequate layer of soil during reclamation efforts that will support and foster immediate and long term re-growth of vegetation.
- The proponent shall make every effort to control erosion of soil layers and newly vegetated areas taking into account the slope of the tailing deposits, composition of tailing material and the likelihood of erosion.
- Excavated (mine cuts) within the bench rim shall be reclaimed in such a way to avoid vertical slopes greater than 2 horizontal to 1 vertical ratio.
- Proponent shall obtain appropriate development permits from the City of Dawson.

### Government of Yukon varies the following:

- Proponent shall limit stripping and clearing to the area that will be mined within the next year.

#### Justification:

- This temporal limit does not address the concern about soil degradation, surface water flow, erosion, and visual effects as identified in the assessment process and recommendation.

#### Replaced with:

- All material suitable for reclamation work (including black muck, vegetative mat, fines containing organics, etc) must be mechanically separated and stockpiled, covered to prevent erosion, and marked so as to be used in future reclamation work.

**Government of Yukon varies the following:**

- The removal of all wastes shall be to a designated handling facility.

**Justification:**

- This mitigation only deals with wastes removed from the site, and should include all wastes that the operation produces.

**Replaced with:**

- All solid waste, including debris, equipment, barrels, drums, and scrap metal, must be safely stored on the operation site or be removed to a designated handling facility while the operation is on-going. All remaining waste must be completely removed to a designated handling facility when the operation ceases.

**Government of Yukon varies the following:**

- The proponent shall notify Tr'ondëk Hwëch'in Lands and Resources Department in the case of any significant fuel spills on settlement land parcel R-20A.

**Justification:**

- The term significant is not defined.

**Replaced with:**

- The proponent shall notify Tr'ondëk Hwëch'in Lands and Resources Department in the case of any reportable fuel spills on settlement land parcel R-20A.

**Supplementary to the Evaluation Report**

- The Tr'ondëk Hwëch'in raised concerns about their rights under Section 14.8.1 of their final agreement. This was not addressed in the evaluation as required by 12.4.2.2 of the final agreement. In subsequent discussions between Yukon Government and Tr'ondëk Hwëch'in no further concerns were revealed. Tr'ondëk Hwëch'in did not indicate that there would be an effect of water use on their First Nation or on a Yukon Indian Person. The Tr'ondëk Hwëch'in may wish to address this with the Water Board.

**Dates**

**Project Recommendation Issued:**  
October 3, 2007

**Decision Document Issued:**  
November 2, 2007

**Recommendation Received From:**

Designated Office	<input checked="" type="checkbox"/>	Location: Dawson City
Executive Committee	<input type="checkbox"/>	
Panel	<input type="checkbox"/>	a) Panel of the YESAB
	<input type="checkbox"/>	b) CEAA Panel
	<input type="checkbox"/>	c) Joint Panel (YESAB and other assessment body)

**Authorization**

By signing below, the Yukon government has exercised its authority as per YESAA s. 75 or s. 76 to issue a decision document on this project.

Name: Robert Holmes Position: Director, Mineral Resources

Signature:  Date: 2 November 2007

**Copies Forwarded to (as required by YESAA):**

- Other Decision Bodies [list] \_\_\_\_\_
- Project Proponent [name] Tim Osler
- DAP Branch, Executive Council Office \_\_\_\_\_
- YESAB Designated Office [location] \_\_\_\_\_
- YESAB Executive Committee [when applicable] \_\_\_\_\_
- Minister Environment (Canada) [when applicable] \_\_\_\_\_
- Yukon Surface Rights Board [when applicable] \_\_\_\_\_
- Yukon Water Board [when applicable] \_\_\_\_\_
- Land Use Planning Commission: [when applicable] \_\_\_\_\_
- Independent Regulatory Agency [when applicable] \_\_\_\_\_
- Other Body/Person as Required [List] \_\_\_\_\_