

INFORMATION SHEET - DREDGE MINING OPERATIONS

The following information must be provided in addition to the information on the Placer Mining Information Sheet if you are proposing a dredge mining operation.

Topographical map: scale 1:25,000 or the most detailed map available, marked with the specific locations of:

- proposed dredge mining operation;
- route of access road to be constructed or used if one already exists; and
- stream ford locations.

Mining plan drawing: to include but not limited to:

- location of the dredge pond route, access road and ford;
- natural berms or barrier formations along the route of operation; and
- direction of stream flow in relation to the mining plan proposed, distances from the various land marks and "dry" or old channels.

Aerial photograph(s): marked as to where the mine cut(s) will start and the direction through to the completion of mining (expiry date of licence).

Aerial photographs may be viewed at:

Whitehorse, Yukon

Yukon Government, Energy, Mines and Resources Library
 Room 335, 300 Main Street
 P.O. Box 2703
 Whitehorse, YT Y1A 2C6
 Phone: (867) 667-3111
 Fax: (867) 456-3888
 E-mail: emrlibrary@gov.yk.ca

If you would like to purchase aerial photos, they can be ordered through the National Air Photo Library. There is a 2 to 3 week turn-around. Queries should include the Quad sheet (NTS series) number, a copy of a map with the area of interest outlined and any other details which will assist in locating the photograph. State any other requirements such as largest or smallest scale photo, most recent/oldest photo, etc. Responses can be faxed back so please include a return number.

Ottawa, Ontario

National Air Photo Library
 615 Booth Street
 Ottawa, ON K1A 0E9
 Phone: (613) 995-4560
 Fax: (613) 995-4568
 Note: The NAPL accepts Visa and MasterCard

Dredge Operation Location and Site Description

1. Give the approximate measurements of each area to be mined, (e.g. a side channel of a watercourse, an area which could be considered swamp, etc.):

Length: _____ metres Width: _____ metres Depth: _____ metres

2. If the area is a river bar, provide approximate measurements for the exposed bar:

Mid flow levels of stream/river: length: _____ metres width: _____ metres

Low flow levels of stream/river: length: _____ metres width: _____ metres

3. Describe types and approximate depth of materials expected to be excavated:

Boulders/cobbles (size): _____

Silt and/or gravel composition: _____

Other: _____

4. Are there any natural berms or other barriers between the dredging operation and:

i) the channel with contains the stream flow? Yes () No ()

ii) any dry or occasionally wet channels? Yes () No ()

If so, describe:

i) approximate size in height, width and length:

ii) types and location of vegetation cover:

Size of Dredge Operation and Equipment Description

5. What is the volume of material that each dredge/slucice plant can process in an hour?

_____ m³.

6. How many hours per day with the plant be run? _____ hrs.

7. What other equipment (type and size) will be used on site?

Dredge Operation Mine Site Restoration

8. What type and size of equipment will be used to restore the dredged area?

9. How will restoration (i.e. leveling, recontouring, etc.) take place for both the dredge area and for stockpiled materials?

10. If organic material is to be removed from the dredge site, when will this material be replaced?

11. Is an active re-vegetation program proposed? Provide details:
