

Cumberland Resources Limited - Meadowbank Gold Project**Proposed Use of Aquadams in Monitoring Stream Flows**

It is proposed to monitor stream flows at several lake outlets within the project drainage basin. Monitoring will be done using standard equipment and methods as used by the Water Survey of Canada, who will be subcontracted to provide services in this connection (Murray Jones, Yellowknife office).

The channels at the monitoring sites are very flat and rocky, which results in flow that is spread out and shallow, with a large number of small trickling flows taking place between rocks along the outer part of the channel on each side, which are difficult to measure.

It is proposed to use Aquadams to block these small flows along the channel sides and force these flows through the central part of the channel. The result will be a deeper flow through the middle of the channel. Aquadams are flexible rubber tubes. They are rolled out into place while empty and then filled with water to form a dam which conforms to the existing ground. No actual channel work is required.

Fish passage will not be restricted by the placement of the Aquadams. In fact, the effect will be to improve fish passage, as the flow depth in the central part of the channel will be increased.

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