

Reg No. 1883

Mr. Richard Graf
President
Starfire Scientific Inc.
Kirkfield ON K0M 2B0

SEP 05 2017

Dear Mr. Graf:

Re: Cartwright Suborbital Flight Range - Phase One Testing

Your proposal has been reviewed by an interdepartmental screening committee and an opportunity to comment has been provided to the public as required by the Newfoundland and Labrador *Environmental Protection Act*, SNL 2002, cE-14.2. Upon consideration of the comments received, please be advised that this undertaking is released from further environmental assessment subject to the following conditions.

- Flight operations must be conducted outside the calving / post-calving period for the Mealy Mountain caribou, which runs from early June to late July.
- The proponent must confirm that caribou are not in the project area prior to the firing of the cannon.

Please be advised, you must operate under established regulations and guidelines with respect to wildlife to minimize adverse effects. Contact Ms. Jana Fenske, Ecosystem Management Ecologist, Department of Fisheries and Land Resources at (709) 637-2062. Contingency Plans should be prepared for fire, fuel spill, medical emergency, and for the handling of hazardous materials or contaminated debris. All waste and debris generated on the site is to be removed after each launch operation. Vehicle bodies must be recovered and removed from the downrange safety zone where practical. Contact Ms. Joan Hann, Pollution Prevention Division, Department of Municipal Affairs and Environment at (709) 729-1771. The Town of Cartwright and any persons potentially using the area must be given adequate notification prior to testing, including notification to the local airport and airport authority of Happy Valley-Goose Bay. Also, a development permit is required from the Town of Cartwright.

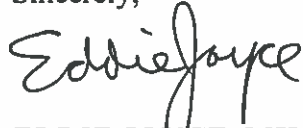
Testing the cannon must meet Transport Canada's requirements for safety and must not be an impediment to aviation including low level flying aircraft/helicopters. Contact Mr. Bob Grant, Senior Civil Aviation Inspector, Transport Canada at (613)990-5443. Further, test slugs to be fired from the cannon must meet Natural Resources Canada regulatory requirements for explosives use. Contact Mr. Charles Montpetit, Explosives Regulatory Division, Natural Resources Canada. The RCMP office in Happy Valley-Goose Bay and Cartwright should be notified of your plans to transport and test fire the cannon.

In addition to the requirements noted above, the project is subject to other legislative requirements. A summary of the comments received from government agencies during the review is attached to provide an indication of likely applicable permits, approvals and legislative requirements. You may also refer to the BizPaL website at www.bizpal.ca. BizPaL is an online tool that generates a list of permits, licences and authorizations that may be required when starting or expanding a business. You are also encouraged to contact Canada Business Newfoundland and Labrador (CBNL) for any additional information you may need in dealing with various levels of government. CBNL serves as a first point of access to federal and provincial government services, programs and regulatory requirements for business. CBNL can be reached by telephone at 1-888-576-4444 or online at www.canadabusiness.gc.ca.

Please note that you must comply with all relevant legislation and obtain all necessary permits and approvals. You are required to perform tests and operate the site as you have described in your registration documents and during the environmental assessment review. You are required to inform this Department of any proposed significant changes to the undertaking.

If you have any questions concerning these matters, please contact Dr. Susan Squires, Director (A), Environmental Assessment Division, at (709)729-0673 or Susan.Squires@gov.nl.ca.

Sincerely,



EDDIE JOYCE, MHA
District of Humber – Bay of Islands
Minister of Municipal Affairs and Environment

Attachment

cc: Hon. Steve Crocker, Minister
Fisheries and Land Resources

Bob Grant, Transport Canada

Charles Montpetit, Natural Resources Canada

Royal Canadian Mounted Police, Happy Valley-Goose Bay and Cartwright

Town of Cartwright