



## Inspection Report

**License #:** 3BC-MAR0709

**Inspector:** A. Keim

**CIDMS #** 390088

Client	Mars Society		
Mailing Address	Mars Society 11111 W. 8 <sup>th</sup> Ave., unit A Lakewood, CO 80215, USA		
Inspection site location	Latitude: 75° 25' 53"N Longitude: 89° 49' 27"W (Existing camp)		
Contact name	Walter Kramer	Title	Site Manager
Last inspection date	August 2, 2007	(inactive 2008)	
Inspection start date	July 10, 2009		
Region	Baffin		



INAC, Nunavut District  
Box 100  
Building 918  
Iqaluit, NU, X0A 0H0

Submitted Via E-Mail

Our File: 3BC-MAR1014

Your File: \_\_\_\_\_

CIDM # 390088

February 16, 2010

Robert Zubrin  
Mars Society  
11111 W. 8<sup>th</sup> Avenue Unit A  
Lakewood Colorado 80215  
United States of America  
[Zubrin@aol.com](mailto:Zubrin@aol.com)

**RE: Water Licence Inspection July 10, 2009**

The following inspection report is generated on the information collected during a compliance inspection carried out on the Mars Society- Flashline Mars Arctic Research Station (FMARS) site. The inspection was conducted to determine compliance with the terms and conditions of the Water License (3BC-MAR0709) issued to the Mars Society by the Nunavut Water Board (NWB). A new Water License effective January 7<sup>th</sup>, 2010 was issued as a renewal to the previous License.

The report references the applicable parts of the Water License (3BC-MAR0709) and the findings observed under each of those parts. During the writing of this report a compliance review was undertaken of the documents, plans and manuals filed by the Licensee and located on the Nunavut Water Board's FTP site.

It is to be noted that the camp was closed in 2008. A site visit was undertaken that noted windblown garbage and debris from the Station scatter around the site. A sump was not found on site and a Burn barrel and other barrels were also noted on site. It was unclear if the site was monitored at any time throughout the 2008 season. These results were forwarded to Mr. Robert Zubrin at the address of record. A formal report was not completed at that time.

**Issues noted in previous Inspections;**

- Fuel storage (barrels) without secondary containment
- Metering equipment is not installed – Water collected in 30 gallon buckets
- Shipping off-site of bulk and hazardous waste – Transportation records not submitted
- Failure to install camp sump
- Open burning noted on site – failure to install an incinerator.
- Failure to submit a Spill Contingency Plan.
- Potable water was collected from an unlicensed source

**During the period of the 2009 inspection the following issues were identified by the Inspector;**

- Records of wastes hauled off site (including hazardous wastes) are to be provided in the 2009 Annual Report.

**Non-Compliance:** Issues identified during the July 10<sup>th</sup>, 2009 inspection and/or review of relevant material

**Issues where there is a known or anticipated threat to human health.**

- None noted



**Issues where there is a known or anticipated environmental impairment;**

- Licensee is to continue to manage the waste stream prior to incineration to prevent the production of Dioxins and Furans.

**Issues where there is a known or suspected violation of a requirement of the Water License;**

- None

**A. Keim**

**Inspector's Name**

**Inspector's Signature**

Cc:

Peter Kusugak- Manager Field Operations Section- Indian and Northern Affairs Canada

Phyllis Beaulieu – Manager licensing – Nunavut Water Board

















