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March 7, 2011

Véronique D'Amours Gauthier
Science and Regulatory Officer
NWT Water Board
P.O. Box 2531
Inuvik, Nt, X0E 0T0

Fuel Storage for Unipkat I-22 Sump Remediation

Dear Mme D'Amours Gauthier,

Shell Canada Energy would like to provide the Northwest Territories Water Board with additional information and changes in plans to the storage and handling of fuel during the Unipkat I-22 Sump Remediation project. Our letter to you on February 18, 2011 provided details on locating the 25 man camp on a sandbar across Arvoknar Channel from the remediation site. In an effort to further reduce the effects of the program on established vegetation at the remediation site, we propose to also store diesel fuel for the project on the same sandbar. The attached map is an updated version of the one sent to you on February 18, 2011 and shows the planned locations of the camp and associated fuel storage.

We would also like to change our planned fuel storage vessel on-site from a stationary tank to a fuel truck with secondary containment.

The following measures will be used to reduce the possibility of fuel spills and mitigate the effects of possible spills:

- The camp generator and fuel tank will be placed inside a constructed ice berm. The bermed containment area will be lined with a 40 mil hydrocarbon resistant liner;
- Bulk fuel for the project will be stored in a fuel truck with secondary containment. The fuel truck will be parked within a constructed ice berm (tertiary containment) more than 30 m from the water's edge. The bermed containment area for the fuel truck will be lined with a 40 mil hydrocarbon resistant liner;

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- Only one person on-site will be permitted to dispense fuel. All refueling will be conducted by the fuel operator. The fuel operator will refuel the camp and equipment from a tidy tank in a pick-up truck which will be refilled from the parked fuel truck. All equipment will be fueled in one location as per the original project description;
- The fuel operator will use drip trays when refueling and will have a spill kit located in the vehicle;
- The fuel truck, camp generator and associated fuel tank will be inspected for leaks daily by the fuel operator;
- The nuisance spill kit from the Mackenzie Delta Spill Response Corporation will be located adjacent to the fuel truck storage berm. A list of supplies in the spill kit was previously provided to the Water Board during the course of this application; and,
- Shovels and sound containers will be available to pick up any hydrocarbon contaminated snow which will be removed from site for disposal in Inuvik.

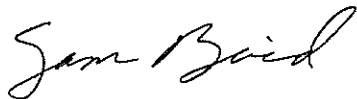
Care will be taken during placement and use of the berm liners to maintain the integrity of the liners. Any damage that occurs to the liners will be repaired on-site.

This camp location and mitigation measures are consistent with the information we have provided to Indian and Northern Affairs Canada under Land Use Licence #N2010X0022.

If you have any questions please feel free to contact me at (403) 990-1382 or at sbird@ieg.ca.

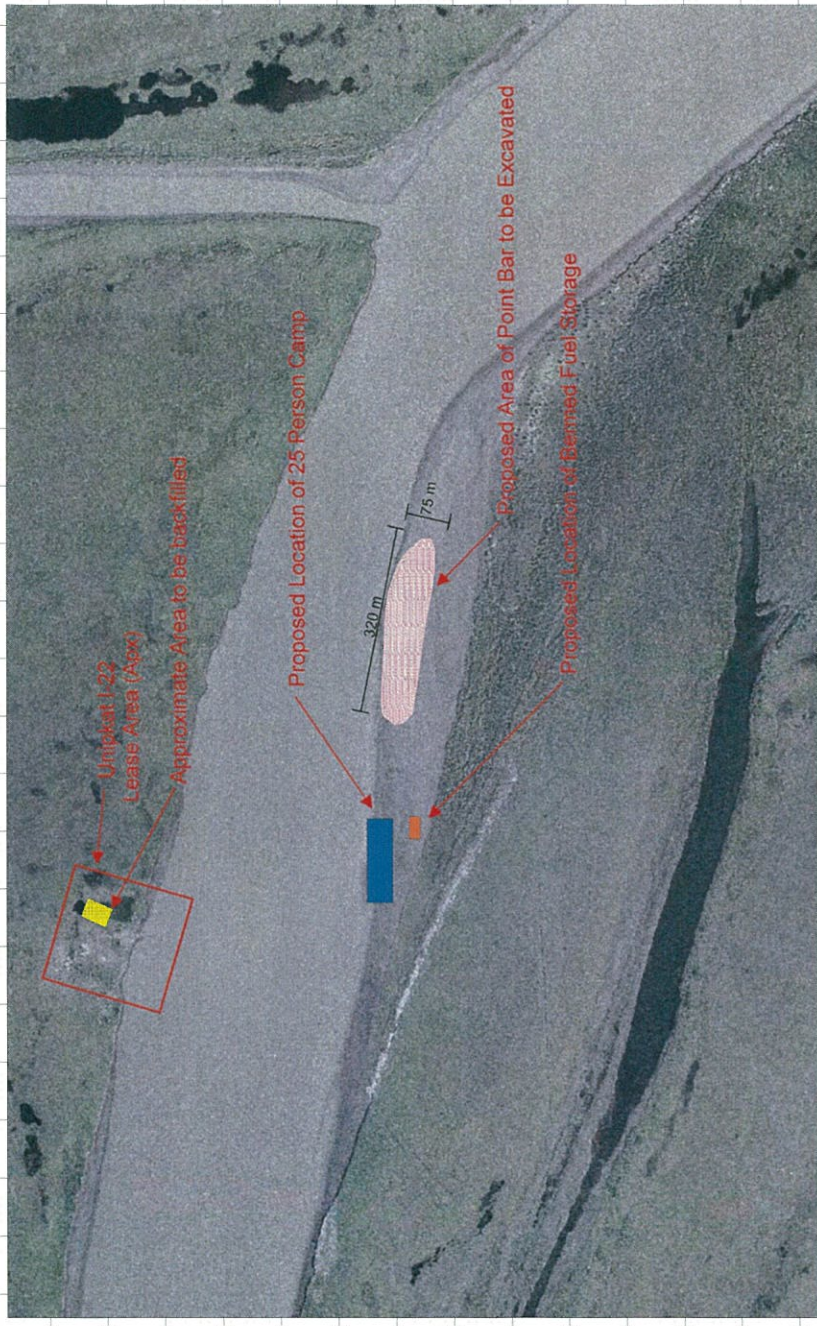
Yours truly,

IEG CONSULTANTS LTD.



Sam Bird B.Sc.
Environmental Scientist

c.c. Randall Warren – Shell Canada Energy
Randy Ambler – Shell Canada Energy
Kevin Erickson – Hazco Environmental
Don Arey – Indian and Northern Affairs Canada
Jan Davies – Indian and Northern Affairs Canada



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<p>CHECKED: JW DRAWN: SB APPROVED:</p>		<p>CLIENT SHELL CANADA LTD.</p>	<p>TITLE UNIPKAT I-22 AREA OF PROPOSED CAMP LOCATION AND POINT BAR BORROW SOURCE</p>	<p>DATE March 7, 2011</p>	<p>AREA DEPT</p>	<p>FIGURE 1</p>	<p>REV 2</p>
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