


**SHELL CANADA LIMITED
FAX COVERSHEET**

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SEND TO		FROM	
ATTENTION: Executive Assistant		R. (Randy) H. Hetman D.A.R./ Construction Manager	
COMPANY: Northwest Territories Water Board		Shell Canada Limited 400 - 4th Avenue S.W. P.O. Box 100, Station M Calgary, Alberta T2P 2H5	
DATE: May 24, 2002	LOCATION: Yellowknife	Business: (403) 691-2521 Cell: (403) 813-0408 Fax: (403) 209-7895 (403) 289-7949 Email: randy.hetman@shell.ca	
FAX NO: (867) 669-2719	TELEPHONE NO: (867) 669-2772		
SUBJECT: Water License N7L1-1762 - Notification of Modification			

DESCRIPTION / REMARKS:

Please find attached a notification of modification at Camp Farewell's wastewater treatment plant.

Yours truly,

R.(Randy) H. Hetman

Cc S. F. Gallupe Inspector Inuvik District Office (867) 777-2090



Shell Farewell – License N7L1-1762



Proposed **Wastewater Treatment Plant Modifications**

Mod. 2002-1

*Shell Canada Limited****Wastewater Plant Modifications*****Background**

An RBC system was installed at Camp Farewell in January, 2001 and operated until the end of April before being shutdown for the summer. It was again started up in December and operated until March 1, 2002. Difficulties were experienced in achieving License discharge criteria during both operating periods. The plant was also modified in an effort to improve its performance however insufficient time until camp shutdown did not allow for conclusive results.

Modification

The waste water treating plant will be replaced with an "extended aeration system" which is a modified activated sludge system. The attached P&ID shows the system design. It is being designed and manufactured by Sanitherm Engineering who have 50 years experience in treatment design and a proven track record for camp style units.

The plant has been designed for 120+ people as well as taking into consideration peak loading.

The attached drawing shows a chlorine contact tank, however this will not be utilized at this time. The effluent will be disinfected using a dual, oversized ultraviolet light system.

Startup

Installation is anticipated for early July, 2002. Sanitherm personnel with operational expertise will be on site for start up and training of our camp operations personnel.

The Camp Farewell Operations and Maintenance Plan will be updated once the required information on the new treating plant becomes available.

