

INDIAN
Shell Canada Limited

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W. RES.	
E.A.	
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June 3, 2002

Gordon Wray, Chairman
Northwest Territories Water Board
P.O. Box 1500
YELLOWKNIFE, NT
X1A 2R3

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**SUBJECT: Water Register: N7L1-1762
Camp Farewell O&M Plan: Sewage and Solid Waste Facilities**

Thank you for reviewing the Camp Farewell Operations and Maintenance Plan previously submitted for your approval and your response of May 2, 2002.

Shell's plan to ensure post-treatment wastewater will meet the Water License limits is to replace the current RBC unit with an extended aeration, activated sludge system. This plan and the benefits of the system has been outlined in the Notification of Modification 2002-1 May 24, 2002 (rev May 30, 2002). Continuing with the current system did not provide us the confidence that the License limits could be achieved. As stated in the notification, Sections 2-4 of the O&M Plan will be updated as soon as the information is provided from the vendor.

Attached is a summary of the disposal plan for solids waste management at Camp Farewell. Please insert as Section 9 in the existing Camp Farewell Operations and Maintenance Plan. Also, please replace the Table of Contents with the attached version, which reflects the addition of the solids waste management section.

We trust this meets your requirements. Should any additional information be required, please contact the undersigned.

Yours truly,



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cc- Inspector - Inuvik District Office, DIAND (w/attachments)

Attachments

OPERATIONAL PLAN

2

RBC – GENERAL DESCRIPTION

CAMP FAREWELL

OPERATIONS &
MAINTENANCE PLAN

Sewage & Solid Waste
Treatment Facilities

November 2001

Amended May 2002

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RBC – EQUIPMENT DRAWINGS

4

RBC – OPERATIONS &
MAINTENANCE GUIDE

5

MODIFICATIONS

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QA/QC PLAN

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CONTINGENCY PLAN

8

LICENSE N7L1-1762

9

SOLIDS DISPOSAL PLAN

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9. Camp Farewell Operations and Maintenance Plan - Solid Waste Disposal

Solids designated for disposal and the disposal options varies depending on the material. Six major solid waste streams have been identified and the disposal plans are addressed as follows:

1. Combustible camp waste will continue to be burned in the incinerator located within the camp.
2. The larger construction debris (pallets etc) that was previously burned in an earthen pit onsite will now be burned in a metal sloop. This will contain the fire and eliminate the introduction of waste materials to the soil. The residual ashes from the incinerator and burn sloop will be transported to the Inuvik landfill for final disposal after obtaining appropriate approval.
3. Recyclable materials will be collected and recycled. Materials including, but not limited to used oil, used anti-freeze, oily rags, etc. will be shipped to suitable facilities located in Alberta. Metal including aluminum and scrap steel are separated into bins that will be shipped from the location to appropriate recycling facilities.
4. Un-usable drilling products including, but not limited to cement, potash, caustic soda, etc. are either recycled or shipped to appropriate disposal facilities in Alberta.
5. Upon approval of the District Inspector, the digested sludge and sediment that has accumulated in the sewage lagoon is to be air dried to reduce hydrocarbons and pathogens. The sediment can then be used onsite as fill or as a topsoil amendment as a component of site reclamation. See Camp Farewell Reclamation Plan, submitted under separate cover, for additional details.

All waste materials will be managed and disposed of in accordance with Northwest Territories Regulations and Guidelines.