



Memorandum

To: David Ash
Regional Director
Environmental Protection Operation Directorate
Prairie and Northern Region

From: Name: Susanne Forbrich
Title: Manager, EAMP

Prepared by: Carey Ogilvie

Security:

File #: 4704 004 041

Date: May 26th 2011

Subject: Disposal at Sea permit # 4543-2-02896 - Pangnirtung Harbour Development

You will find attached for your approval and signature the above mentioned Disposal at Sea Permit. This permit has been drafted in accordance with *CEPA 99, the Disposal at Sea Regulations* and in consultation with the following Departments:

☒ Public Work and Government Services Canada

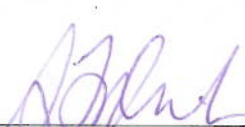
☐ Transport Canada

☐ Fisheries and Oceans Canada

☐ Other

The attached permit satisfies Environment Canada's obligation under the *Canadian Environmental Assessment Act, the Law List Regulations and the Inclusion List Regulations*. We conclude that the potential environmental effects of these disposal at sea operations, with respect to federal jurisdiction, are minimal or can be mitigated through recognized technical procedures.

As a result, I recommend that you authorize these disposal at sea operations, in accordance with section 127 of the Canadian Environmental Protection Act, 1999.


Name Susanne Forbrich


Date May 26/11

The above mentioned Permit no. 4543-2-02896 is approved and a request is hereby made that the

Permit be published in the *Canada Gazette, Part I*, on, or before June 3rd 2011


David Ash


Date May 30/11

Regional Director
Environmental Protection Operation Directorate
Prairie and Northern Region

Attach. Disposal at Sea Permit no. 4543-2-02896

Permit #

Waste

New permits

No available practical alternatives to disposal at sea

☒ Verified

Conflicts with other uses of the sea were evaluated

☒ Verified

Aboriginal consultations/
accommodations needed ?

Details of
consultations/
accommodations
OR
Reasons for not
consulting

EC visited community of
Pangnirtung and held an
information session to explain our
regulatory role and to provide an
opportunity for input.

Is the Disposal site in critical habitat ?

Comments
OR
Details of
SARA
assessment

Dredged and Inert, inorganic geological matter

Chemistry is valid (i.e. < 5 years) [Cd, Hg, PCB, PAH]

☒ Verified

Others requested ?

Biology tested ?

Disposal of Ships

Does Vessel inspection meets standards ?

Amendment to an existing permit

Will changes affect the original EA ?

Amendment to dates where permit has not been used

Written confirmation from the permittee that the original permit has not been used & will not be used.

☒ Verified

Permits using a new disposal site

New site data verified ?

Yes

Comments

Special or additional conditions

No

Comments

Date May 26th 2011

Prepared by: Carey Ogilvie

Signature



Print

DEPARTMENT OF THE ENVIRONMENT
CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999

Notice is hereby given that, pursuant to section 127 of the *Canadian Environmental Protection Act, 1999*, Disposal at Sea Permit No. 4543-2-02896 authorizing the loading for disposal and the disposal of waste or other matter at sea is amended as follows.

3. *Duration of permit*: Permit is valid from August 10, 2011, to August 9, 2012.

14.1. The loading and disposal at sea activities referred to under this permit shall be carried out in accordance with the mitigation measures summarized in the documents titled:

- (i) "Nunavut Impact Review Board Screening Decision Report, NIRB FILE NO.: 09UN052" (May 12, 2011).
- (ii) "Dredging and Disposal at Sea Environmental Management Plan (EMP) Pangnirtung Small Craft Harbour Development, Nunavut" (May 2011).

14.2. When lights are used to aid marine mammal observers, they shall be used intermittently to avoid attracting migratory birds".

14.3. If the ship lights attract birds, the proponent shall contact Mr. James Hodson, Canadian Wildlife Service, Environment Canada, 5204 - 50th Avenue, Suite 301, Yellowknife, Northwest Territories X1A 1E2, 867- 669-4706 (phone), james.hodson@ec.gc.ca (email) to discuss solutions.

14.4. Bird mortality arising from collisions with the vessel, shall be reported to Mr. James Hodson as identified in paragraph 14.3.

DAVID ASH
A/Regional Director
Environmental Protection Operations Directorate
Prairie and Northern Region

On behalf of the Minister of the Environment