



## 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 (CEPA), disposal at sea permit no. 4543-2-03697 authorizing the loading for disposal and the disposal of waste or other matter at sea is approved. The permit is published on the Canadian Environmental Protection Act Registry on Tuesday, August 7, 2018.

1. Permittee: Heavy Metal Marine Ltd., Malahat BC.
2. Waste or other matter to be disposed of: dredged material.
  - 2.1. Nature of waste or other matter: dredged material consisting of rock, gravel, sand, silt, clay, and wood waste or material typical to the approved loading site, except logs and usable wood.
3. Duration of permit: permit is valid from August 15, 2018, to August 14, 2019.
4. Loading site(s): various approved sites located along the eastern shore of Vancouver Island between Victoria and Campbell River, at approximately 49.26995°N, 123.97642°W North American Datum of 1983 (NAD83); as submitted in support of the permit application.
5. Disposal site(s):
  - a. Five Finger Island Disposal Site, within a 0.5-nautical-mile radius of 49.25333° N, 123.91166° W (NAD83);
  - b. Point Grey Disposal Site, within a 1-nautical-mile radius of 49.25666° N, 123.36500° W (NAD83).
6. Method of loading: loading will be carried out using a barge-mounted excavator or a clamshell dredge.
7. Route to disposal site(s) and method of transport: most direct navigational route from the loading site to the disposal site via hopper scow or towed scow.
8. Method of disposal: disposal will be carried out by bottom dumping or end dumping.
9. Total quantity to be disposed of: not to exceed 16 000 cubic metres, place measure.
10. Fees: the fee prescribed by the Disposal at Sea Permit Fee Regulations shall be paid by the permittee in accordance with those regulations.

11. Approvals: the permittee shall obtain from the permit-issuing office a letter of approval for each loading and disposal activity prior to undertaking the work and conduct these activities in accordance with the relevant letter of approval. The permittee shall follow the procedures outlined in the document titled “Multi-Site Dredging Projects Involving Disposal at Sea: Requests for Letters of Approval - Standard Procedures” (February 2013).

12. Inspection:

12.1. By accepting this permit, the permittee and its contractors accept that they are subject to inspection pursuant to Part 10 of CEPA.

12.2. The permittee shall ensure that records of all loading and disposal activities are kept on site for the duration of the permit and are available for inspection by any enforcement officer or analyst for two years following the expiry of the permit.

12.3. Ships operating under the authority of this permit shall carry and display a radar-reflecting device at all times mounted on the highest practical location.

13. Contractors:

13.1. The loading or disposal at sea referred to under this permit shall not be carried out by any person without written authorization from the permittee.

13.2. The permittee shall ensure that all persons involved in the loading, transport or disposal activities authorized by this permit conduct these activities in accordance with the relevant permit conditions.

14. Reporting and notification:

14.1. The permittee shall provide the following information at least 48 hours before loading and disposal activities commence: name or number of ship, platform or structure used to carry out the loading and/or disposal, name of the contractor including corporate and on-site contact information, and expected period of loading and disposal activities. The above-noted information shall be submitted to the Environmental Enforcement Division of the Department of the Environment, Pacific and Yukon Region, 604-666-9059 (fax) or [ec.immersionenmerppy-disposalatseapyr.ec@canada.ca](mailto:ec.immersionenmerppy-disposalatseapyr.ec@canada.ca) (email).

14.2. The permittee shall submit a written report to the Minister, as represented by the Regional Director of the Environmental Protection Operations Directorate, Pacific and Yukon Region, within 30 days after the expiry of the permit. This report shall contain the following information: a list of all work completed pursuant to the permit, including the location of the loading and disposal site(s) used, the quantity of matter disposed of at the disposal site(s) and the dates on which

disposal activities occurred. The report shall be sent to the Regional Director at any of the following coordinates:

By mail:

Regional Director

c/o Mark Dahl

Environmental Protection Operations Directorate

Pacific and Yukon Region

201 - 401 Burrard Street,

Vancouver, BC V6C 3S5 Fax: 604-666-6800

By email: ec.immersionenmerrpy-disposalatseapyr.ec@canada.ca

14.3. At all times, a copy of this permit and of documents and drawings referenced in this permit shall be available at the loading site and on all powered ships directly engaged in the loading and disposal operations.

15. Special precautions:

15.1. The permittee shall submit a written dredged material disposal plan to the Minister, as represented by the Regional Director of the Environmental Protection Operations Directorate, Pacific and Yukon Region, identified in paragraph 14.2, for approval by the Department of the Environment prior to the commencement of the first dredging operation authorized by this permit. The plan shall address procedures to accurately measure or estimate quantities of dredged material disposed of at the disposal site(s), vessel tracking and a schedule for use of the disposal site(s). Modifications to the plan shall be made only with the written approval of the Department of the Environment.

15.2. The loading and disposal at sea referred to under this permit shall be carried out in accordance with the mitigation measures summarized in the document titled "Environmental Protection Plan – Heavy Metal Marine Ltd. – Permit #4543-2-03697" (May 2018).

Gevan Mattu

A/Regional Director

Environmental Protection Operations Directorate

Pacific and Yukon Region

On behalf of the Minister of Environment and Climate Change

Signed on August 1, 2018