



Department of the Environment
Canadian Environmental Protection Act, 1999

Notice is hereby given that the Minister of the Environment, pursuant to section 127 of the *Canadian Environmental Protection Act, 1999* (CEPA), is issuing disposal at sea permit no. PYR-00421-1, authorizing the loading for disposal and the disposal of waste or other matter at sea. The permit is published in the Canadian Environmental Protection Act Registry on Tuesday, December 5, 2023. All documents referenced in this permit are available upon request by email at immersionpy-disposalatseapyr@ec.gc.ca.

1. Permittee: Heavy Metal Marine Ltd., Shawnigan Lake, British Columbia.
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 sites, except logs and usable wood.
 - a. The percent volume of wood waste in the dredge material must be visually estimated at the time of dredging and must be included in the disposal tracking sheet included in the Material Management Plan identified in paragraph 4a
 - b. The permittee must prevent the deposition of log bundling strand into waste or other matter approved for loading and disposal at sea and/or remove log bundling strand from waste or other matter approved for loading and disposal at sea
3. Duration of permit: The permit is valid from December 12, 2023, to December 11, 2024.
4. Reference documents:
 - a. Material Management Plan (October 2023), as submitted in support of the permit application
 - b. Multi-Site Dredging Projects Involving Disposal at Sea: Requests for Letter of Confirmation – Standard Procedures (September 2021)
5. Loading sites:
 - a. various approved sites in the Fraser River Estuary, British Columbia, at approximately 49.19833° N, 123.13133° W North American Datum of 1983 (NAD83)
 - b. various approved sites in Vancouver Harbour, British Columbia, at approximately 49.31167° N, 123.13333° W (NAD83)



c. various approved sites near Vancouver Island, British Columbia, at approximately 49.37416° N, 123.94032° W (NAD83)

6. Disposal sites:

a. Comox (Cape Lazo) disposal site, within a 0.5-nautical-mile radius of 49.69500° N, 124.74166° W (NAD 83)

b. Point Grey disposal site, within a 1-nautical-mile radius of 49.25666° N, 123.36500° W (NAD83)

7. Method of loading: Loading will be carried out using barge-mounted mechanical dredge, a clamshell dredge, and/or a crane equipped with a clamshell dredge.

8. Route to disposal sites and method of transport: most direct navigational route from the loading sites to the disposal sites via a hopper scow/barge and/or a flat scow/barge.

9. Method of disposal: Disposal will be carried out by bottom dumping and/or end dumping.

10. Total quantity to be disposed of: not to exceed 16 000 cubic metres, place measure.

10.1. The procedures to measure or estimate quantities of dredged material disposed of at the disposal sites are as stipulated in the Material Management Plan identified in paragraph 4a.

11. Fees: The fee prescribed by the *Disposal at Sea Permit Fee Regulations* must be paid by the permittee in accordance with those regulations as modified according to the provisions of the *Service Fees Act*. The applicable fee rates for April 1, 2023, are in effect for the duration of this permit.

12. Inspection and records:

12.1. Pursuant to Part 10 of CEPA, the permittee and its contractors are subject to inspection by enforcement officers designated under CEPA.

12.2. The permittee must keep records of all loading and disposal activities aboard any ship involved with the disposal operations. The records must be accessible to enforcement officers designated under CEPA.

12.3. At all times, a paper or digital copy of this permit and each of the documents referenced in paragraph 4 must be available at the loading sites and on all powered ships directly engaged in the loading and disposal operations. The documents must be accessible to enforcement officers designated under CEPA for the duration of this permit.

12.4. The permittee must retain records of all loading and disposal activities at its principal place of business in Canada for the duration of the permit and for 5 years following the expiry of the permit.

12.5. The loading or disposal at sea referred to under this permit must not be carried out by any person without written authorization from the permittee. The authorization must be accessible to enforcement officers designated under CEPA.

13. Reporting and notification:

13.1. The permittee must provide the following information, in writing, at least 48 hours before loading and disposal activities commence: name or identification number of ships, platforms or structures to be 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 must be submitted to the following:

For the Department of the Environment:

Environmental Protection Operations Directorate
Department of the Environment
Pacific and Yukon Region
101-401 Burrard St
Vancouver BC V6C 3R2

Email: immersionpy-disposalatseapyr@ec.gc.ca

For the representatives of potentially affected First Nations:

a. Musqueam Indian Band
6735 Salish Dr
Vancouver BC V6N 4C4

Email: esdreferrals@musqueam.bc.ca; referrals@musqueam.bc.ca

b. Tsleil-Waututh Nation
3178 Alder Crt
North Vancouver BC V7H 2V6

Email: referrals@twnation.ca

13.2. The permittee must send all project-related notifications, in writing, to the First Nations identified in paragraph 13.1.

13.3. The permittee must provide the First Nations' representatives identified in paragraph 13.1 at least 48 hours' written notice of the work itinerary.

13.4. The permittee must submit a report of disposal activities, in writing, to the minister, as represented by the regional director of the Environmental Protection Operations Directorate, Pacific and Yukon Region. The report must be submitted four times: within 10 days after the first disposal activity; by February 10, 2024, for disposal activities up to January 31, 2024; by August 10, 2024, for disposal activities up to July 31, 2024; and, within 30 days after the expiry of the permit. Each report must contain a list of all work from the start of the permit, including the information from the previous report. The report must include the location of the loading and disposal sites, the quantity of matter disposed of at each disposal site, and the dates on which disposal activities occurred. The report must be sent to the regional director at any of the following coordinates:

Regional Director
c/o Sean Murphy
Environmental Protection Operations Directorate
Pacific and Yukon Region
101-401 Burrard St
Vancouver BC V6C 3R2

Email: immersionpy-disposalatseapyr@ec.gc.ca

14. Special precautions:

14.1. The permittee must carry out project activities authorized by this permit in accordance with all procedures and mitigation measures outlined in the Material Management Plan identified in paragraph 4a.

14.2. Modifications to the Material Management Plan must be made only with the written approval of the minister, as represented by the regional director of the Environmental Protection Operations Directorate, Pacific and Yukon Region identified in paragraph 13.4.

14.3. The permittee must consult with the potentially affected First Nations listed in paragraph 13.1 on any modifications to the Material Management Plan.

14.4. The permittee must obtain from the permit-issuing office a letter of confirmation for each loading and disposal activity prior to undertaking the work and must conduct these activities in accordance with the relevant letter of confirmation. The permittee must follow the procedures outlined in the document identified in paragraph 4b.

14.5. The permittee must ensure that dredging, transportation and disposal activities do not impede Fisheries and Oceans Canada's authorized food, social and ceremonial fisheries for Indigenous Peoples.

On behalf of the Minister of Environment and Climate Change

Gevan Mattu
Regional Director
Environmental Protection Operations Directorate
Pacific and Yukon Region

Signed on November 27, 2023