

SCHEDULE A
CERTIFIED PROJECT DESCRIPTION
FOR THE
TILBURY MARINE JETTY PROJECT
(PROJECT)
ENVIRONMENTAL ASSESSMENT CERTIFICATE # T24-01

INTERPRETATION

In this Certified Project Description, terms that are capitalized but not defined have the same meaning as those terms defined elsewhere in this Certificate, including in the Table of Conditions.

This Certified Project Description describes the Project authorized by this Certificate but does not obligate the Holder to construct or operate any aspect of the Project unless otherwise stated.

DEFINITIONS

Holder	The person to whom this Certificate has been issued, or, if this Certificate has been transferred in accordance with Section 33 of the <i>Environmental Assessment Act</i> (2018), the person to whom this Certificate has been transferred.
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ACRONYMS AND ABBREVIATIONS

Certificate	Environmental Assessment Certificate
LNG	Liquefied Natural Gas
TCZ-4	Port of Vancouver's Traffic Control Zone 4

1. Project Overview

- 1.1 The Tilbury Marine Jetty Project (Project) is comprised of the following components and activities:
- a) Permanent Jetty (Jetty) and supporting infrastructure;
 - b) Temporary Floating Bunker Berth and supporting infrastructure;
 - c) Construction-related infrastructure and facilities;
 - d) Shipping of Liquefied Natural Gas (LNG); and
 - e) Dredging

That are more fully described below.

- 1.2 The Project is located on Tilbury Island in Delta, in the Fraser River, and in the Salish Sea, British Columbia. Unless otherwise specified, all Project components are located within the areas specified in Figures 1, 2, and 3.

2. Marine Terminal Area

- 2.1 The Marine Terminal Area, as shown in Figure 1, includes the permanent components related to the Jetty and other permanent supporting infrastructure.
- 2.2 The Jetty will be located within the Permanent Jetty and Temporary Floating Berth area, shown in Figure 1, and includes:
- a) Two permanent berths to accommodate: LNG carriers with maximum ship dimensions as specified in the Port of Vancouver's Port Information Guide - Fraser River Traffic Control Zone Procedures, TCZ-4 (dated May 2019, or as updated or replaced from time to time); and vessels that supply LNG to other vessels for use as a fuel ("bunkering vessels");
 - b) A main trestle; and
 - c) Mooring and berthing dolphins.
- 2.3 Other supporting components will be located within the Marine Terminal Area, shown in Figure 1, and includes:
- a) A transfer system, including pumps, with a flow capacity of up to 8,000 cubic metres per hour of LNG.
 - b) Boil off gas management system;
 - c) Process control and power supply systems;
 - d) Pipe racks, support structures and foundations;
 - e) A system to provide compressed, dry air used to operate instruments;
 - f) Nitrogen gas supply system including backup supply;
 - g) Facilities to provide site access; and
 - h) Fire protection, emergency systems, and site security infrastructure.

3. Construction Infrastructure, Facilities and Activities

- 3.1 Within the Marine Terminal Area, the Project is comprised of the following Construction-related infrastructure, facilities, and activities:
- a) Site preparation and improvement of the stub dock;

- b) Site set-up and removal of existing abandoned marine infrastructure;
- c) Temporary buildings to house administration offices, temporary medical facilities, employee canteens and services, field offices, and sanitary facilities;
- d) Construction, operation and decommissioning of temporary construction berth and Temporary Floating Bunker Berth, within the Permanent Jetty and Temporary Floating Berth area shown in Figure 1;
- e) Commissioning activities for components described in Section 2;
- f) Ground stabilization works;
- g) Vegetation clearing and habitat restoration; and
- h) Temporary laydown areas and stockpile sites.

4. Marine Operations Activities

4.1 The Marine Operations Activities are comprised of the following:

- a) Berthing, loading, hotelling, departing, and associated activities of LNG carriers and bunkering vessels at the Jetty and Temporary Floating Bunker Berth;
- b) Transfer of up to 4.83 billion cubic metres of natural gas per year from the Jetty and Temporary Floating Bunker Berth to LNG carriers and bunkering vessels;
- c) Transfer of LNG to no more than one LNG carrier or bunker vessel at any point in time from the Jetty and Temporary Floating Bunker Berth;
- d) Navigation of LNG carriers by persons other than the Holder to and from the Jetty and through the Fraser River and Marine Shipping Assessment Area as shown in Figure 3; and
- e) Navigation of bunkering vessels by persons other than the Holder to and from the Jetty or the Temporary Floating Bunker Berth and in other locations within and outside the Marine Shipping Assessment Area.

5. Dredging

5.1 The Project includes dredging, including removal, transportation, and disposition of dredge materials during Construction and for the purposes of maintaining access to the Jetty throughout Operations. The total dredge area will be an area of no greater than 23 hectares and no deeper than 13 metres (Chart Datum) and is located in the Marine Terminal Area in Figure 1.

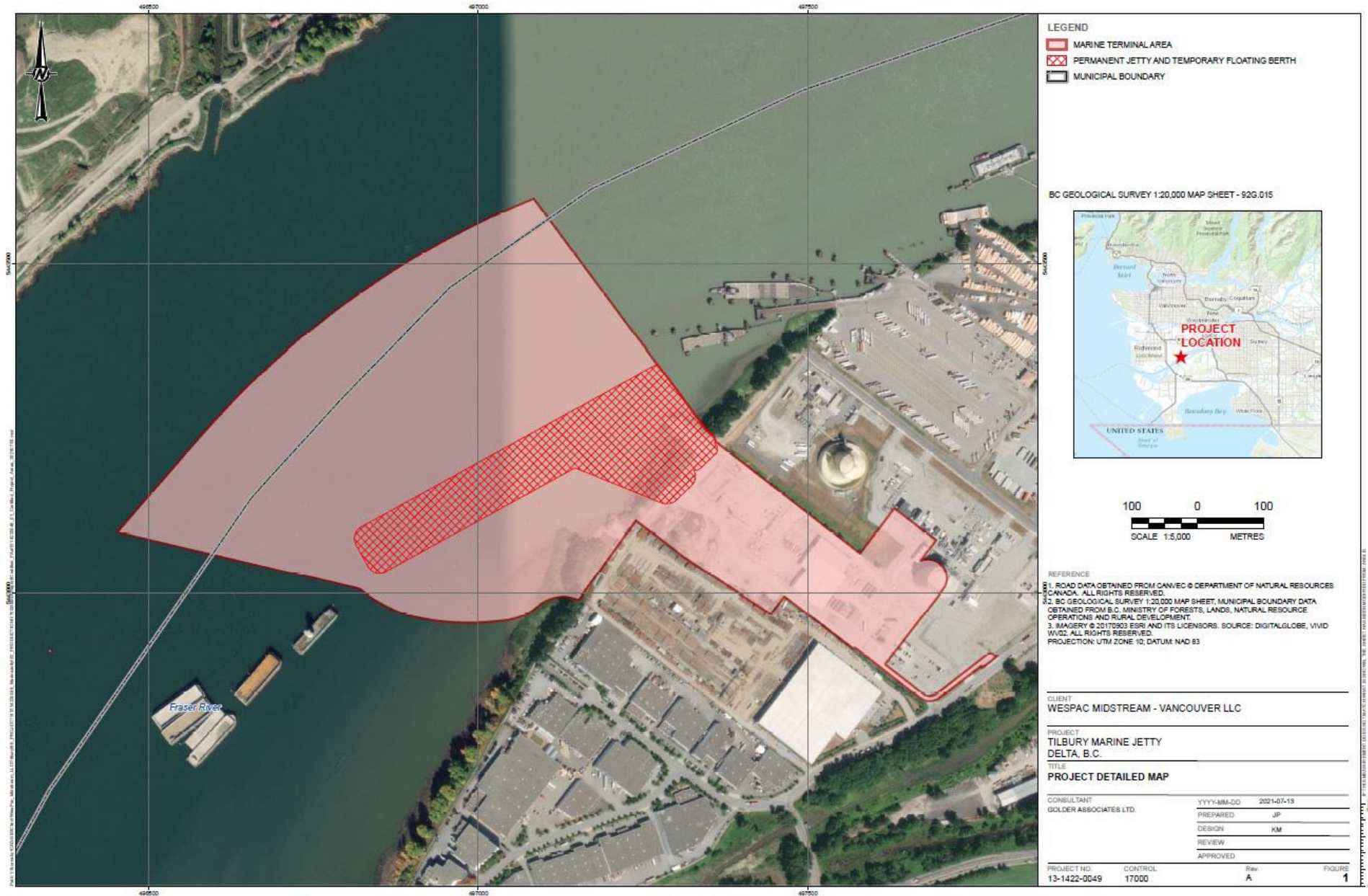


Figure 1: Project Detailed Map

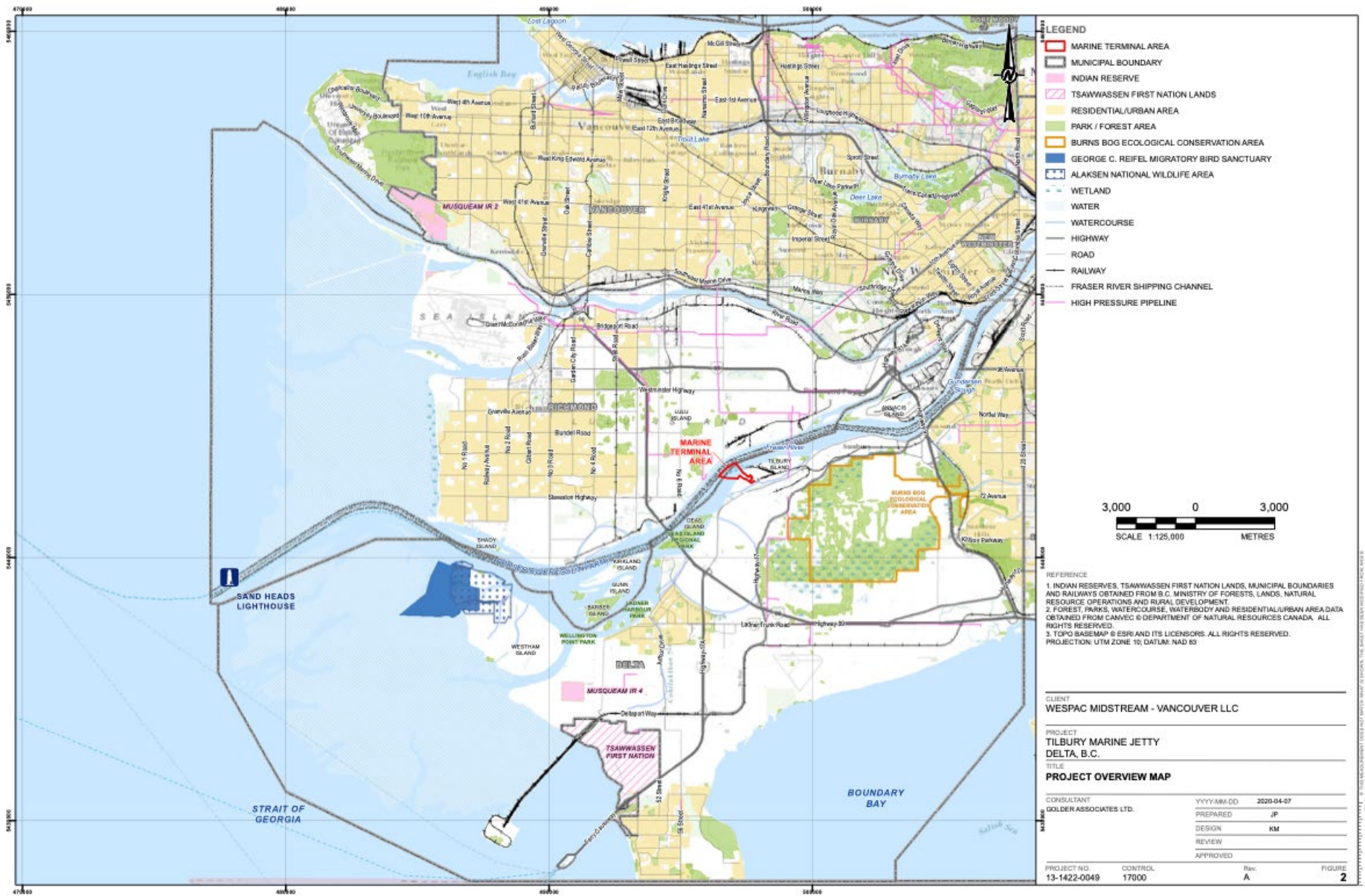


Figure 2: Project Overview Map

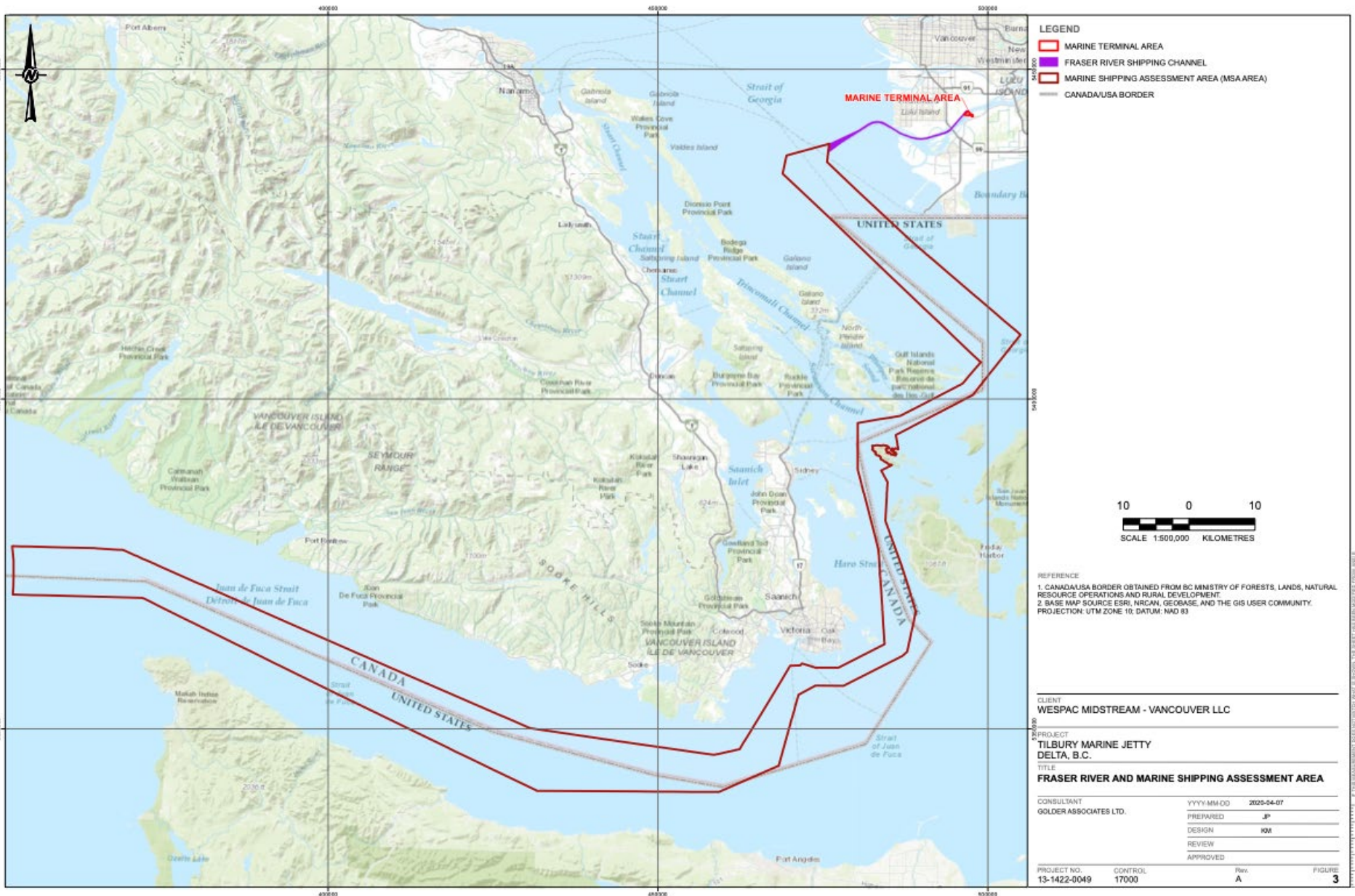


Figure 3: Fraser River and Marine Shipping Assessment Area