

# Shipping and Transport – Disposal at Sea Sites

## description

Disposal at Sea sites are locations where the dumping of dredged and other materials (such as “clean” construction waste) is permitted. According to Environment Canada (2013), most of the disposed material comes from dredging operations performed to ensure the navigability of harbours and shipping channels. Disposal at Sea is a federally regulated activity under the Canadian Environmental Protection Act (CEPA). A permit is required to load, transport, and dispose of material at these locations. Each permit is specific to an individual applicant and lists the type and quantity of material permitted to be dumped and the specific location of the dump site.

The map displays the point locations of active and inactive disposal sites based on information obtained from Environment Canada. The inset map shows the areas of three active locations. Area measurements for the remaining active locations are listed in Table 1.

TABLE 1: ACTIVE DISPOSAL SITES

Site Name	CHS Chart No.	Depth (m)	Diameter (Nm)	Area (Nm)
Brown Passage	3957	205	1	0.78
Cape Mudge	3538	240	1	0.78
Comox (Cape Lazo)	3513	190	1	0.78
Malaspina Strait	3513	320	1	0.78
Five Finger Island	3548	300	1	0.78
Thornbrough Channel	3526	220	0.5	0.2
Watts Point	3526	230	0.5	0.2
Point Grey	3463	240	2	3.14
Porlier Pass	3443	200	1	0.78
Sand Heads	3463	66	n/a	0.63

This table lists the disposal site name, Canadian Hydrographic Chart (CHS) number and average depth in meters (m) plus associated measurements in nautical miles. All areas are circular with the exception of Sand Heads which has irregular shaped boundaries.

## data sources

- Environment Canada: Disposal at Sea Sites in British Columbia Map
- Environment Canada, Department of Fisheries and Oceans: Table of inactive disposal areas

## data resolution

- None provided

## date collected

- February 2013

## date compiled

- February 2013

## reviewers

- None

## reviewer comments

- None provided.

## caveats of use

- Recommended date of expiry for use of these data in a Marine Planning Context: None provided

## map, feature data and metadata access

- Visit [www.bcmca.ca/data](http://www.bcmca.ca/data) for more information.

## references

- Environment Canada. 2013. The Canadian Environmental Protection Act, 1999 and Disposal at Sea. [www.ec.gc.ca/lcpe-cepa/default.asp?lang=En&n=E547BE99-1](http://www.ec.gc.ca/lcpe-cepa/default.asp?lang=En&n=E547BE99-1)

BCMCA Atlas

Human Use

Disposal at Sea Sites

Legend

- Disposal Sites (Active)
- Disposal Site Areas (Active)  
- only shown in the inset map
- ▲ Disposal Sites (Inactive)

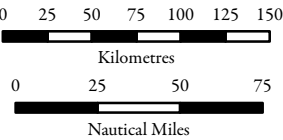
Note:  
-Disposal at Sea is a federally regulated activity under the Canadian Environmental Protection Act (CEPA). As such a permit is required to load, transport, and dispose of material in the ocean. The disposal sites identified are only usable under CEPA permit.

Data Sources:  
Environment Canada

Base Data:  
ESRI Base Data, GeoBase, GeoBC, NOAA, Natural Resources Canada, USGS, Washington State Government

Thematic Data:  
For more information on data sources and methods please refer to the facing page to this map

Projection: BC Albers NAD83



1:4,250,000 \*

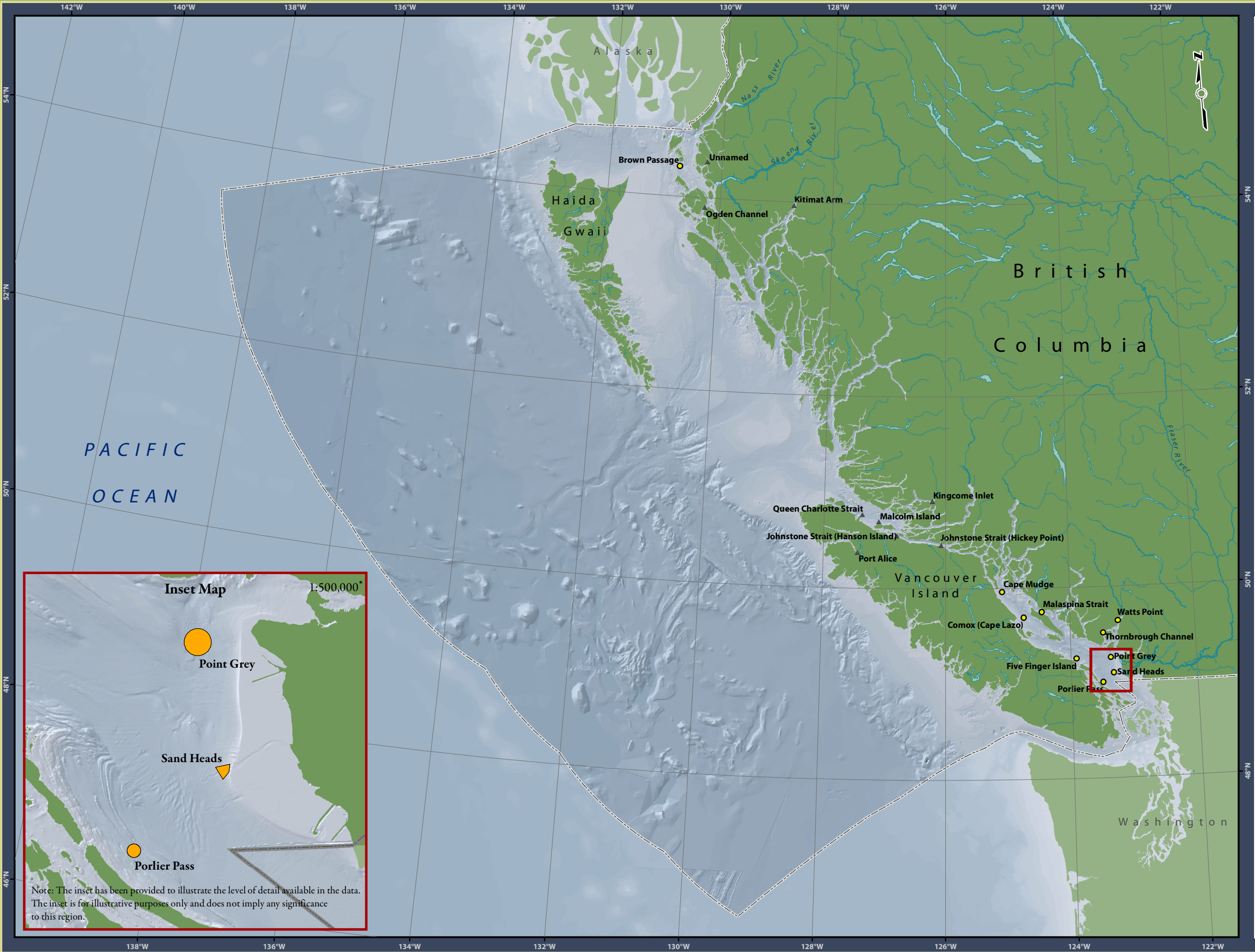
\* Written scales are approximate and are based on a 11 x 17 inch paper size.

Prepared for:



Map template by Caslys Consulting Ltd.

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Note: The inset has been provided to illustrate the level of detail available in the data. The inset is for illustrative purposes only and does not imply any significance to this region.