

Appendix “C”

DISPOSAL AT SEA PERMITS



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. ATL-00028-1 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, March 26, 2019.

1. Permittee: Department of Public Works and Government Services, Charlottetown, Prince Edward Island.

2. Waste or other matter to be disposed of: dredged material.

2.1. Nature of waste or other matter: dredged material consisting of gravel, sand, silt and clay.

3. Duration of permit: permit is valid from April 2, 2019, to April 1, 2020.

4. Loading site(s):

- a. Grahams Pond, Prince Edward Island, at approximately 46.09622° N, 62.45114° W North American Datum of 1983 (NAD83);
- b. Launching Pond, Prince Edward Island, at approximately 46.22053° N, 62.40978° W (NAD83);
- c. Naufrage Harbour, Prince Edward Island, at approximately 46.46922° N, 62.41660° W (NAD83);
- d. North Lake Harbour, Prince Edward Island, at approximately 46.46905° N, 62.06824° W (NAD83);
- e. Savage Harbour, Prince Edward Island, at approximately 46.43564° N, 62.83266° W (NAD83);
- f. St. Peters Bay (Red Head), Prince Edward Island, at approximately 46.44494° N, 62.73763° W (NAD83);

as described in the document titled "PEI Disposal Site Management Plan: 2019 Map Book and Mitigation."

5. Disposal site(s):

- a. Grahams Pond, Prince Edward Island, 46.09485° N, 62.45215° W (NAD83);

- b. Launching Pond, Prince Edward Island, 46.21883° N, 62.41083° W (NAD83);
- c. Naufrage, Prince Edward Island, 46.46850° N, 62.41417° W (NAD83);
- d. North Lake, Prince Edward Island – Site A, 46.46917° N, 62.06168° W (NAD83);
- e. North Lake, Prince Edward Island – Site B, 46.46839° N, 62.06797° W (NAD83);
- f. Savage Harbour, Prince Edward Island, 46.43383° N, 62.82700° W (NAD83);
- g. St. Peters Bay (Red Head), Prince Edward Island, 46.44972° N, 62.72632° W (NAD83);

as described in the document titled “PEI Disposal Site Management Plan: 2019 Map Book and Mitigation.”

6. Method of loading: dredging will be carried out using a suction dredge and land-based heavy equipment.

7. Route to disposal site(s) and method of transport: most direct route from the loading site to the disposal site via pipeline, sidecasting or dump trucks.

8. Method of disposal: disposal will be carried out by pipeline, sidecasting or dump trucks.

9. Total quantity to be disposed of:

- a. Grahams Pond: not to exceed 10 000 cubic metres, place measure.
- b. Launching Pond: not to exceed 15 000 cubic metres, place measure.
- c. Naufrage: not to exceed 20 000 cubic metres, place measure.
- d. North Lake: not to exceed 10 000 cubic metres, place measure.
- e. Savage Harbour: not to exceed 10 000 cubic metres, place measure.
- f. St. Peters Bay: not to exceed 10 000 cubic metres, place measure.

9.1. The permittee shall submit the procedures to measure or estimate quantities of dredged material disposed of at each disposal site to Ms. Natasha Boyd, identified in paragraph 13.1.a. The Department of the Environment shall approve

the procedures prior to the commencement of the first dredging operation to be conducted under this permit.

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

12. Contractors:

12.1. 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.

12.2. 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.

13. Reporting and notification:

13.1. The permittee shall provide the following information no later than 48 hours before loading and disposal activities commence and no sooner than 7 days before loading and disposal activities commence: 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

a. Ms. Natasha Boyd
Environmental Protection Operations Directorate
Department of the Environment
Atlantic Region
6 Bruce St
Mount Pearl NL A1N 4T3
Fax: 709-772-5097
Email: natasha.boyd@canada.ca

b. Ms. Stephanie Rheault
Environmental Enforcement Directorate
Department of the Environment
Atlantic Region
33 Weldon St
Moncton NB E1C 0N5
Fax: 506-851-4696
Email: stephanie.rheault@canada.ca

c. Ms. Sydney Worthman
Canadian Wildlife Service
Department of the Environment

Atlantic Region
6 Bruce St
Mount Pearl NL A1N 4T3
Fax: 709-772-5097
Email: sydney.worthman@canada.ca

- d. Mr. Gilles Paulin
Department of Fisheries and Oceans
343 Université Ave
Moncton NB E1C 9B6
Fax: 506-851-6579
Email: gilles.paulin@dfo-mpo.gc.ca

For Savage Harbour and St Peter's Bay only

- e. Mr. Paul Giroux
Parks Canada Agency
2 Palmers Lane
Charlottetown PE C1A 5V6
Fax: 902-672-6370
Email: paul.giroux@pc.gc.ca

13.2. The Canadian Coast Guard Marine Communication and Traffic Services (MCTS) in Sydney (notshipssyd@dfo-mpo.gc.ca) is to be notified in advance of the commencement of work so that appropriate "Notices to Shipping/Mariners" may be issued.

13.3. The permittee shall submit a written report to the Minister, as represented by the Regional Director of the Environmental Protection Operations Directorate, Atlantic Region, care of Ms. Natasha Boyd, as identified in paragraph 13.1.a, 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 sites used, the total number of hours of night dredging conducted at each loading site, the quantity of matter disposed of at the disposal site(s) and the dates on which disposal activities occurred.

13.4. 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.

14. Special precautions:

14.1. The loading and disposal at sea referred to under this permit shall be carried out in accordance with all restrictions and mitigation measures summarized in the document titled "PEI Disposal Site Management Plan: 2019 Map Book and Mitigation". Modifications to the document shall be made by the Department of the Environment.



David Taillefer
Acting Regional Director
Environmental Protection Operations Directorate
Atlantic Region

On behalf of the Minister of Environment and Climate Change

Signed on: March 15, 2019



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. ATL-00030-1 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, March 26, 2019.

1. Permittee: Department of Public Works and Government Services, Charlottetown, Prince Edward Island.

2. Waste or other matter to be disposed of: dredged material.

2.1. Nature of waste or other matter: dredged material consisting of gravel, sand, silt and clay.

3. Duration of permit: permit is valid from April 2, 2019, to April 1, 2020.

4. Loading site(s):

- a. Covehead Harbour, Prince Edward Island, at approximately 46.43273° N, 63.14635° W North American Datum of 1983 (NAD83);
- b. Darnley Basin (Malpeque), Prince Edward Island, at approximately 46.56083° N, 63.69333° W (NAD83);
- c. Fishing Cove, Prince Edward Island, at approximately 46.40727° N, 64.13510° W (NAD83);
- d. Hardys Channel, Prince Edward Island, at approximately 46.65362° N, 63.86050° W (NAD83);
- e. Howards Cove, Prince Edward Island, at approximately 46.73963° N, 64.37935° W (NAD83);
- f. New London Harbour, Prince Edward Island, at approximately 46.50450° N, 63.47050° W (NAD83);
- g. North Rustico Harbour, Prince Edward Island, at approximately 46.45683° N, 63.28638° W (NAD83);
- h. Skinners Pond, Prince Edward Island, at approximately 46.96617° N, 64.12600° W (NAD83);

- i. West Point Harbour, Prince Edward Island, at approximately 46.61827° N, 64.37150° W (NAD83),

as described in the document titled "PEI Disposal Site Management Plan: 2019 Map Book and Mitigation".

5. Disposal site(s):

- a. Covehead, Prince Edward Island - Site A, 46.43230° N, 63.14355° W (NAD83);
- b. Covehead, Prince Edward Island - Site B, 46.43117° N, 63.14517° W (NAD83);
- c. Darnley Basin, Prince Edward Island, bound by 46.56399° N, 63.70386° W; 46.56409° N, 63.68729° W; 46.56095° N, 63.70424° W; 46.55813° N, 63.68904° W; 46.55697° N, 63.68781° W; and 46.55681° N, 63.68522° W (NAD83);
- d. Fishing Cove (Cape Egmont), Prince Edward Island – Site A, 46.40727° N, 64.13510° W (NAD83);
- e. Fishing Cove (Cape Egmont), Prince Edward Island – Site B, 46.40207° N, 64.13510° W (NAD83);
- f. Hardys Channel, Prince Edward Island, 46.65150° N, 63.85910° W (NAD83);
- g. Howards Cove, Prince Edward Island, 46.73832° N, 64.38007° W (NAD83);
- h. New London Harbour, Prince Edward Island, at approximately 46.50450° N, 63.47050° W (NAD83);
- i. North Rustico Harbour, Prince Edward Island, at approximately 46.45500° N, 63.28700° W (NAD83);
- j. Skinners Pond, Prince Edward Island, 46.96401° N, 64.12967° W (NAD83);
- k. West Point, Prince Edward Island, 46.62017° N, 64.37050° W (NAD83),

as described in the document titled "PEI Disposal Site Management Plan: 2019 Map Book and Mitigation" submitted in support of the permit application.

6. Method of loading: dredging will be carried out using a suction dredge, a barge-mounted excavator or land-based heavy equipment.

7. Route to disposal site(s) and method of transport: most direct route from the loading site to the disposal site via pipeline, dump trucks or sidecasting.

8. Method of disposal: disposal will be carried out by pipeline, dump trucks, or sidecasting.

9. Total quantity to be disposed of:

- a. Covehead: not to exceed 10 000 cubic metres, place measure.
- b. Darnley Basin: not to exceed 50 000 cubic metres, place measure.
- c. Fishing Cove: not to exceed 10 000 cubic metres, place measure.
- d. Hardys Channel: not to exceed 10 000 cubic metres, place measure.
- e. Howards Cove: not to exceed 10 000 cubic metres, place measure.
- f. New London: not to exceed 10 000 cubic metres, place measure.
- g. North Rustico: not to exceed 15 000 cubic metres, place measure.
- h. Skinners Pond: not to exceed 10 000 cubic metres, place measure.
- i. West Point: not to exceed 10 000 cubic metres, place measure.

9.1. The permittee shall submit the procedures to measure or estimate quantities of dredged material disposed of at each disposal site to Ms. Natasha Boyd, identified in paragraph 13.1.a. The Department of the Environment shall approve the procedures prior to the commencement of the first dredging operation to be conducted under this permit.

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

12. Contractors:

12.1. 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.

12.2. 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.

13. Reporting and notification:

13.1. The permittee shall provide the following information no later than 48 hours before loading and disposal activities commence and no sooner than 7 days before loading and disposal activities commence: 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:

- a. Ms. Natasha Boyd
Environmental Protection Operations Directorate
Department of the Environment
Atlantic Region
6 Bruce St
Mount Pearl NL A1N 4T3
Fax: 709-772-5097
Email: natasha.boyd@canada.ca
- b. Ms. Stephanie Rheault
Environmental Enforcement Directorate
Department of the Environment
Atlantic Region
33 Weldon St
Moncton NB E1C 0N5
Fax: 506-851-4696
Email: stephanie.rheault@canada.ca
- c. Ms. Sydney Worthman
Canadian Wildlife Service
Department of the Environment
Atlantic Region
6 Bruce St
Mount Pearl NL A1N 4T3
Fax: 709-772-5097
Email: sydney.worthman@canada.ca
- d. Mr. Gilles Paulin
Department of Fisheries and Oceans
343 Université Ave
Moncton NB E1C 9B6
Fax: 506-851-6579
Email: gilles.paulin@dfo-mpo.gc.ca

For Covehead, New London and North Rustico only

- e. Mr. Paul Giroux
Parks Canada Agency

2 Palmers Lane
Charlottetown PE C1A 5V6
Fax: 902 672-6370
Email: paul.giroux@pc.gc.ca

13.2. The Canadian Coast Guard Marine Communication and Traffic Services (MCTS) in Sydney (notshipssyd@dfo-mpo.gc.ca) is to be notified in advance of the commencement of work so that appropriate "Notices to Shipping/Mariners" may be issued.

13.3. The permittee shall submit a written report to the Minister, as represented by the Regional Director of the Environmental Protection Operations Directorate, Atlantic Region, care of Ms. Natasha Boyd, as identified in paragraph 13.1.a, 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 total number of hours of night dredging conducted at each loading site, the quantity of matter disposed of at the disposal site(s) and the dates on which disposal activities occurred.

13.4. 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.

14. Special precautions:

14.1. The loading and disposal at sea activities referred to under this permit shall be carried out in accordance with all restrictions and mitigation measures outlined in the document titled "PEI Disposal Site Management Plan: 2019 Map Book and Mitigation". Modifications to the document shall be made by the Department of the Environment.



David Taillefer
Acting Regional Director
Environmental Protection Operations Directorate
Atlantic Region

On behalf of the Minister of Environment and Climate Change

Signed on: March 15, 2019



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

PEI Disposal Site Management Plan: 2019 Map Book and Mitigation

Entrance Channel Maintenance Dredging Program
Select DFO Small Craft Harbours, Eastern and Western PEI

Prepared by
Environment and Climate Change Canada
Environmental Protection Operations Directorate – Atlantic Region
Environmental Assessment and Marine Programs
March 1, 2019

[illegible]

Western PEI Sites

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Covehead

Site User CA-AT-D039 & D040

RELATED HARBOUR OR CHANNEL

Site Name Covehead Harbour

Site Code PSPC, Charlottetown

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

SITE WITHIN 300 m of ☒
CRITICAL HABITAT

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

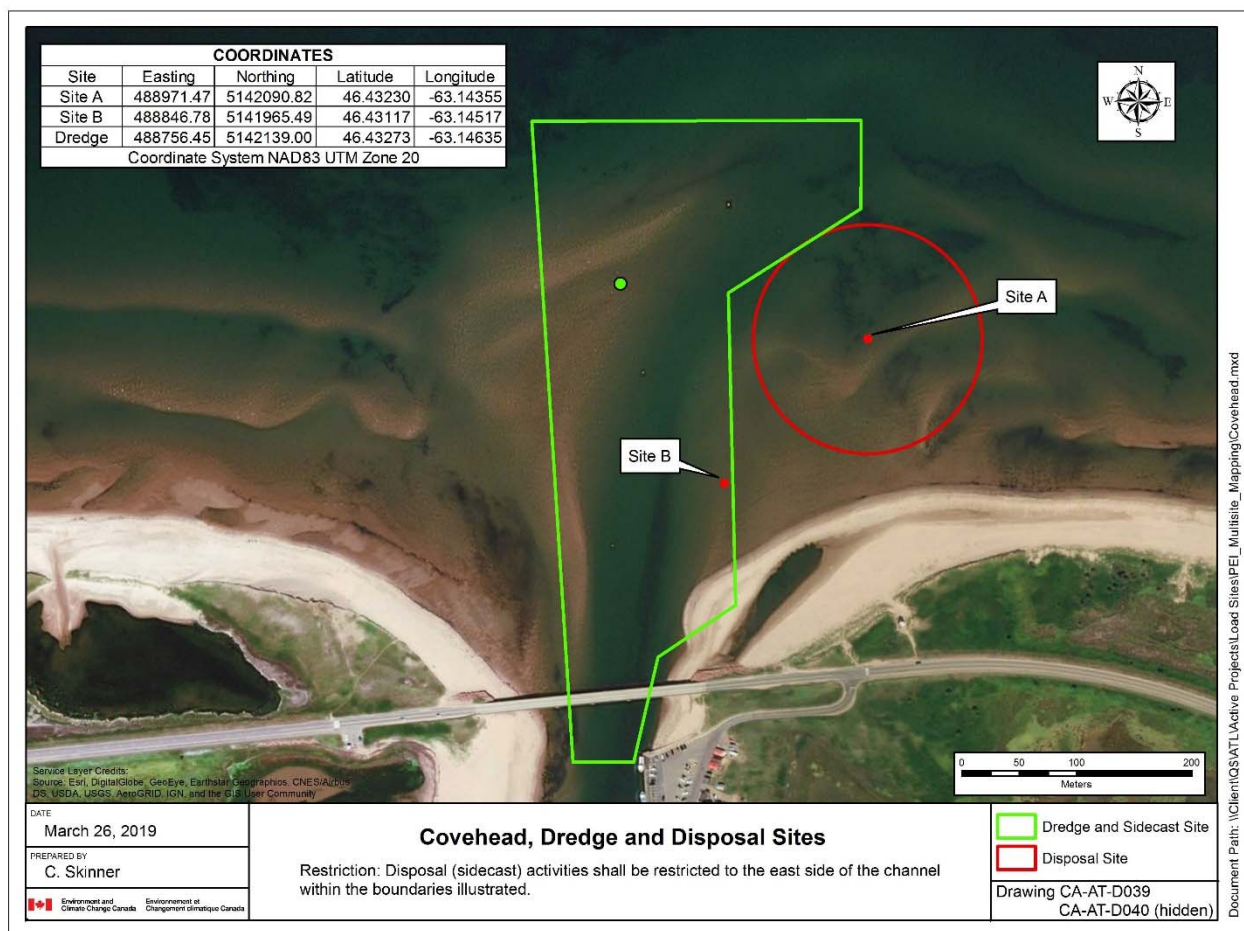
Land-based Heavy Equipment ☐

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☒



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. Disposal (sidecast) activities (Disposal site B) shall be restricted to the east side of the channel within the boundaries illustrated.
2. Piping Plover presence or absence shall be confirmed by Parks Canada prior to the commencement of any dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Darnley Basin

Site User CA-AT-D043

ANNUAL QUANTITY RESTRICTION

60,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Malpeque Harbour

Site Code PSPC, Charlottetown

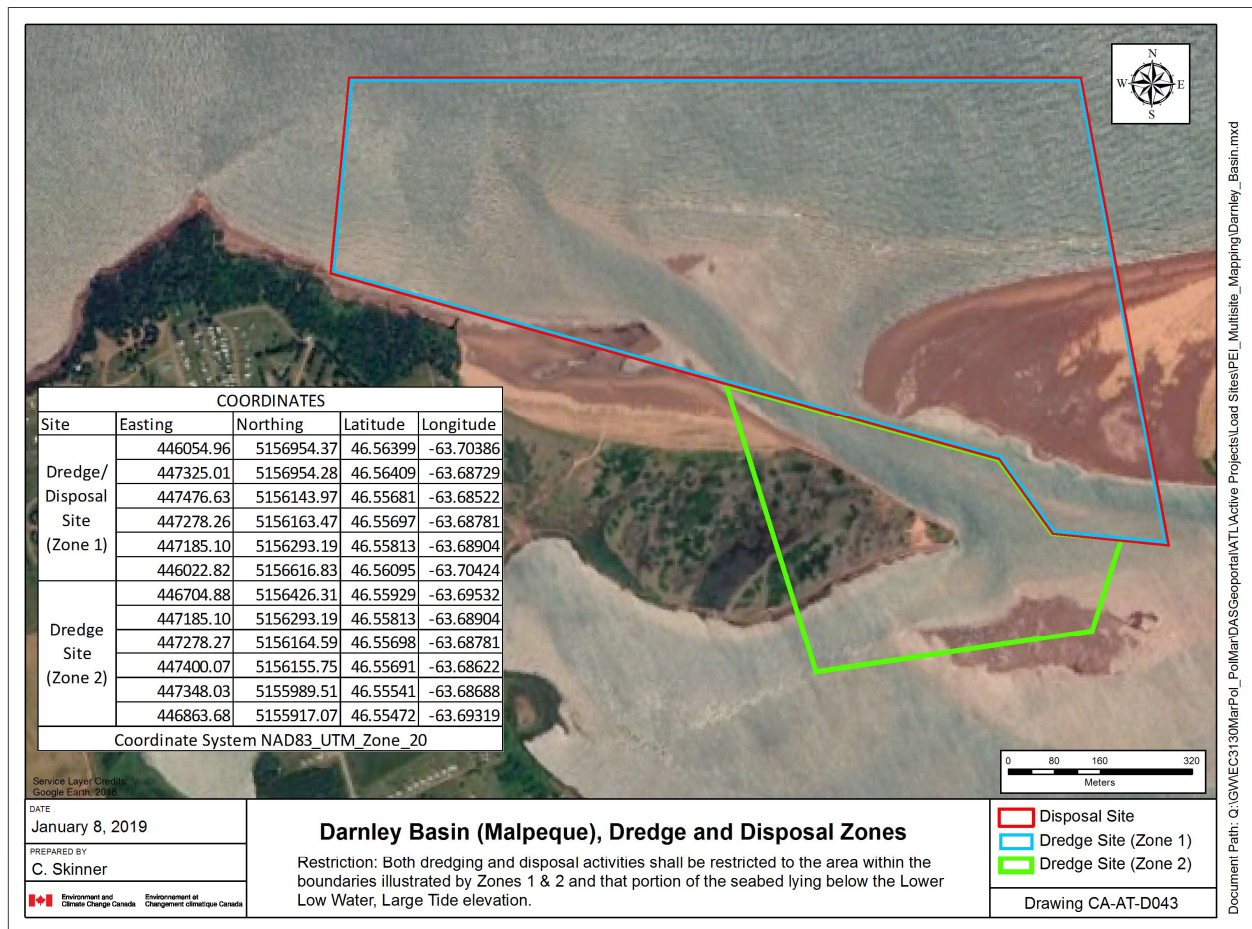
SITE WITHIN 300 m of CRITICAL HABITAT ☒

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. The existing access road shall be used to access the pipeline deployment area. Vegetated areas shall be avoided where possible.
2. All dredging-related vehicles or other dredging-related equipment and extra pipeline segments shall be stored in the DFO-SCH parking area.
3. Both dredging and disposal activities shall be restricted to the area within the boundaries illustrated by Zones 1 & 2 and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
4. The disposal activity shall be subject to the following:
 - a) The total volume per dredge event shall not exceed 25,000 m³ place measure
 - b) The total volume per disposal location shall not exceed 10,000 m³ place measure
 - c) A minimum of 300 m separation distance shall be maintained between disposal locations.
 - d) GPS coordinates and volumes shall be recorded during the use of each disposal location. This information shall be included in the written report required in S. 13.3 of the permit.
5. Piping Plover presence or absence shall be confirmed by qualified observers two to three days prior to initiating dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Fishing Cove (Cape Egmont)

Site User CA-AT-D048 & D182

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Fishing Cove Harbour

Site Code PSPC, Charlottetown

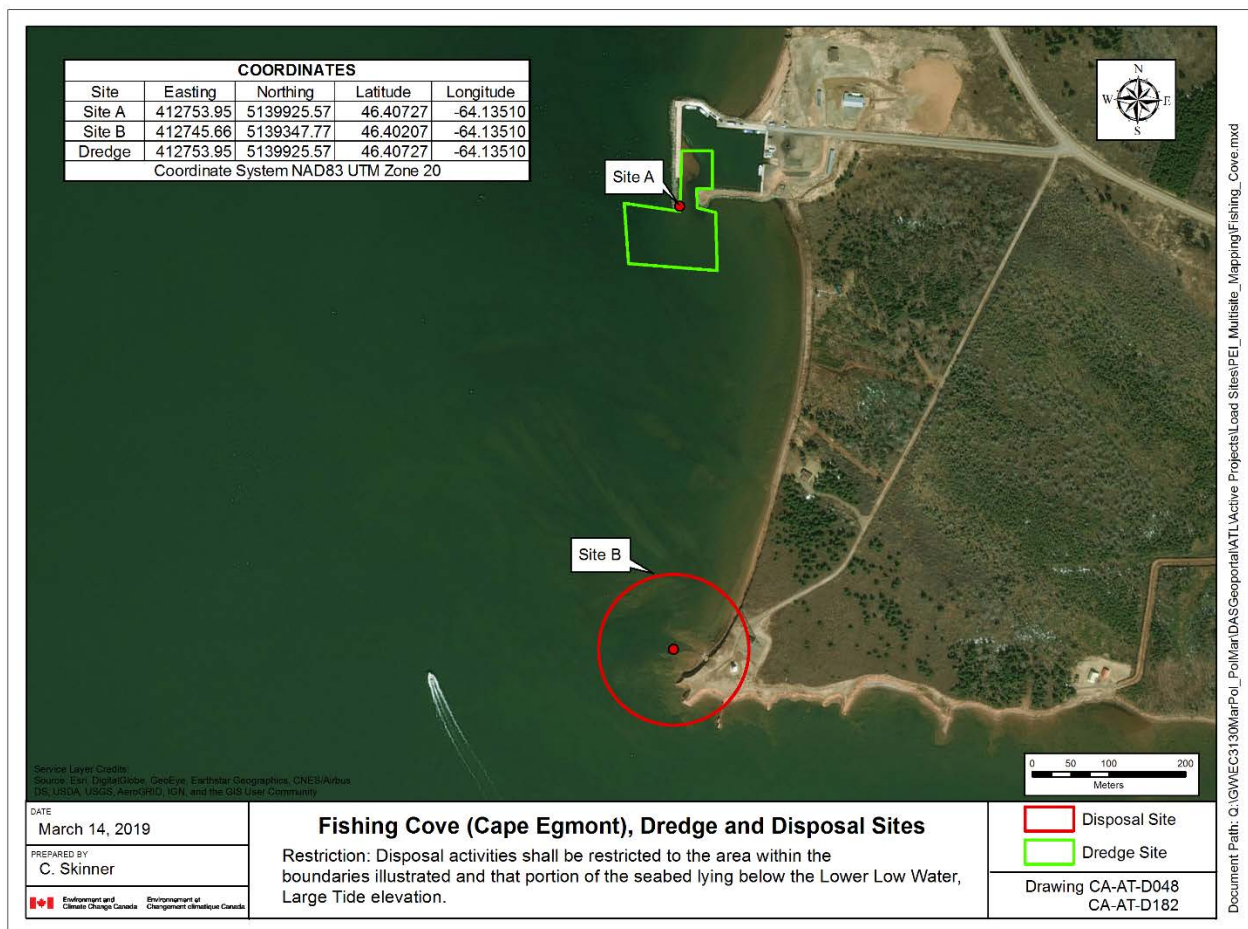
SITE WITHIN 300 m of
CRITICAL HABITAT ☐

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Hardy's Channel

Site User CA-AT-D056

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Milligans Shore Harbour

Site Code PSPC, Charlottetown

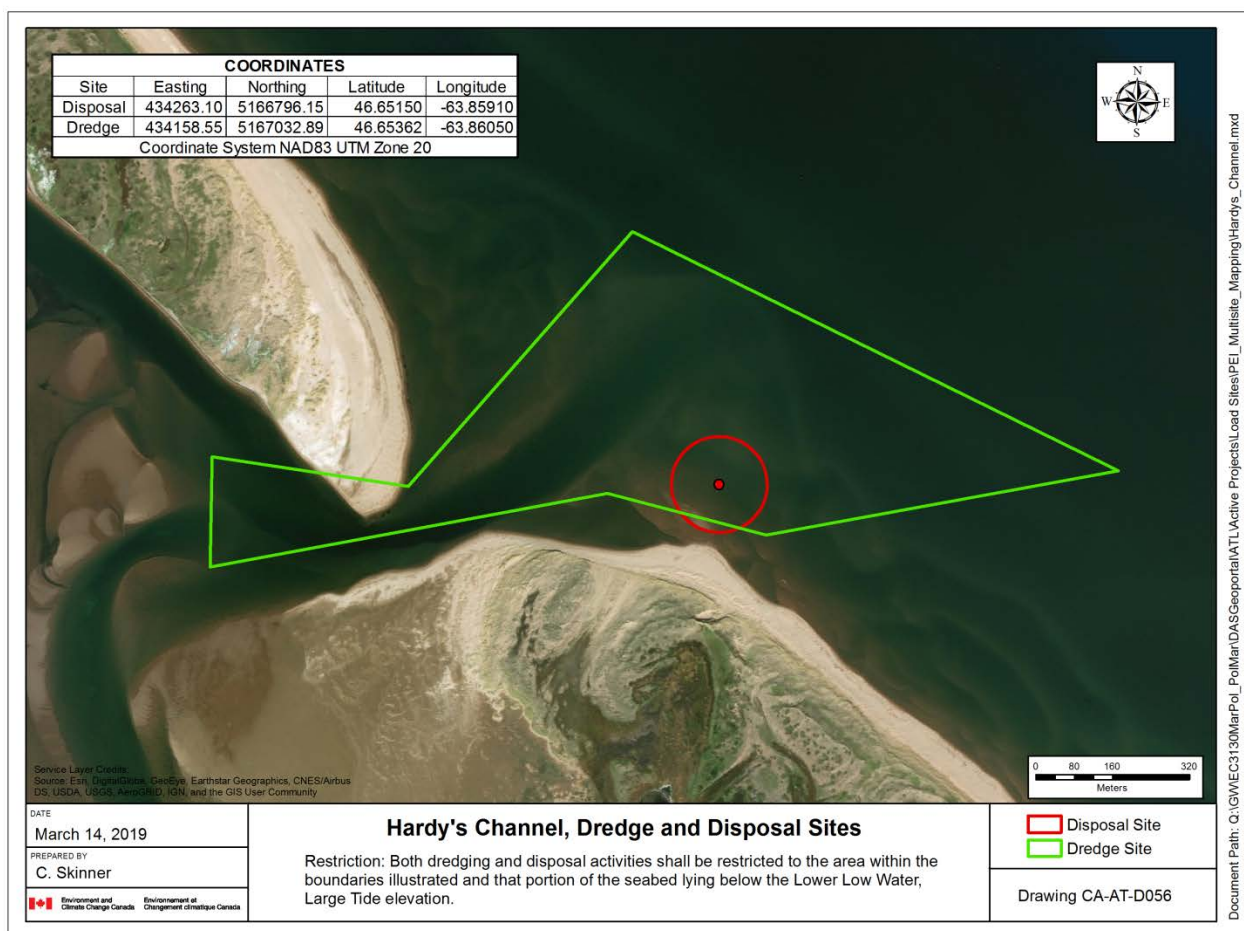
SITE WITHIN 300 m of
CRITICAL HABITAT ☒

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. Both dredging and disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
2. Piping Plover presence or absence shall be confirmed by qualified observers two to three days prior to initiating dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Howards Cove

Site User CA-AT-D065

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Howards Cove

Site Code PSPC, Charlottetown

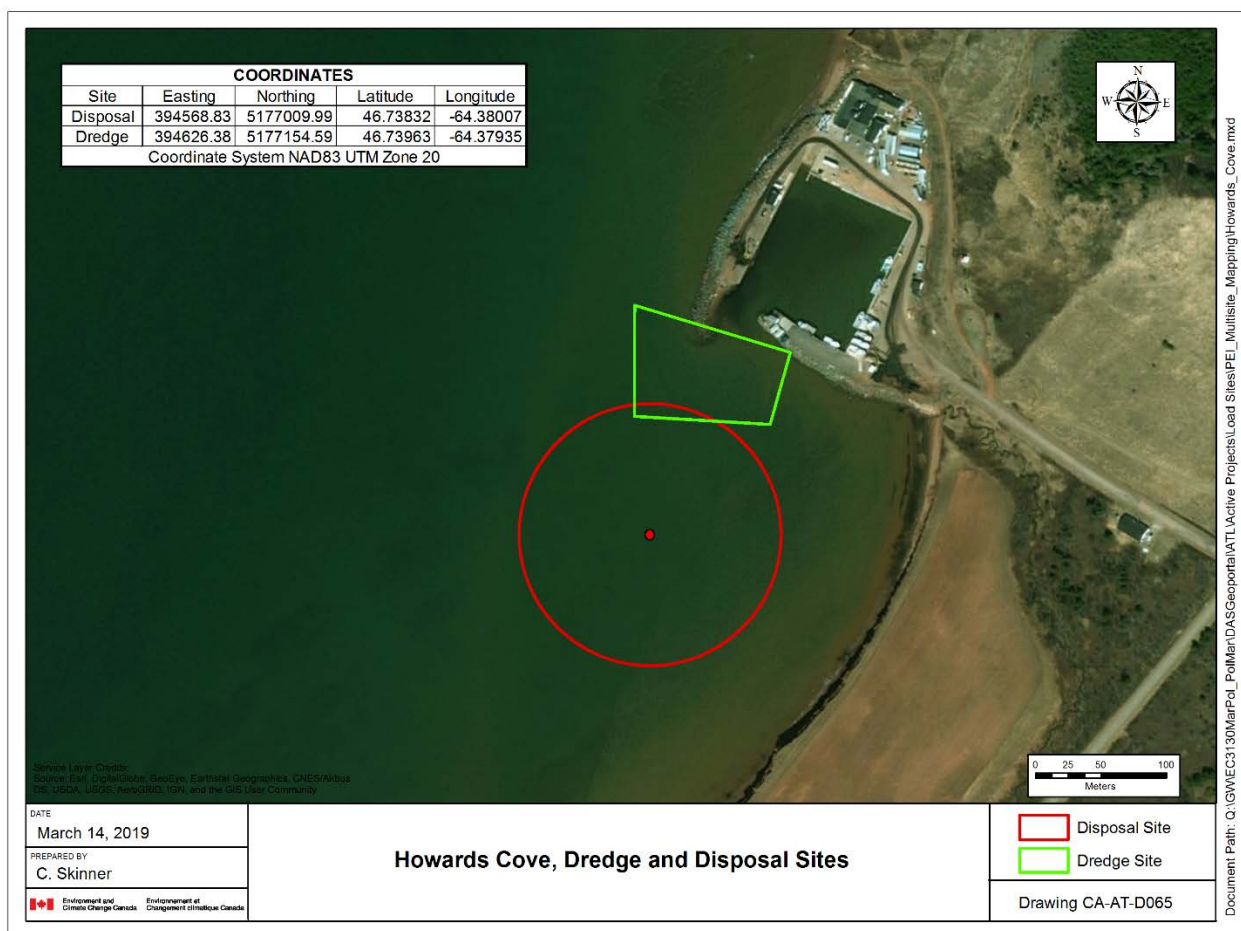
SITE WITHIN 300 m of
CRITICAL HABITAT ☐

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name New London Harbour

Site User CA-AT-D098

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☐

Barge-mounted Excavator ☒

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name New London Harbour

Site Code PSPC, Charlottetown

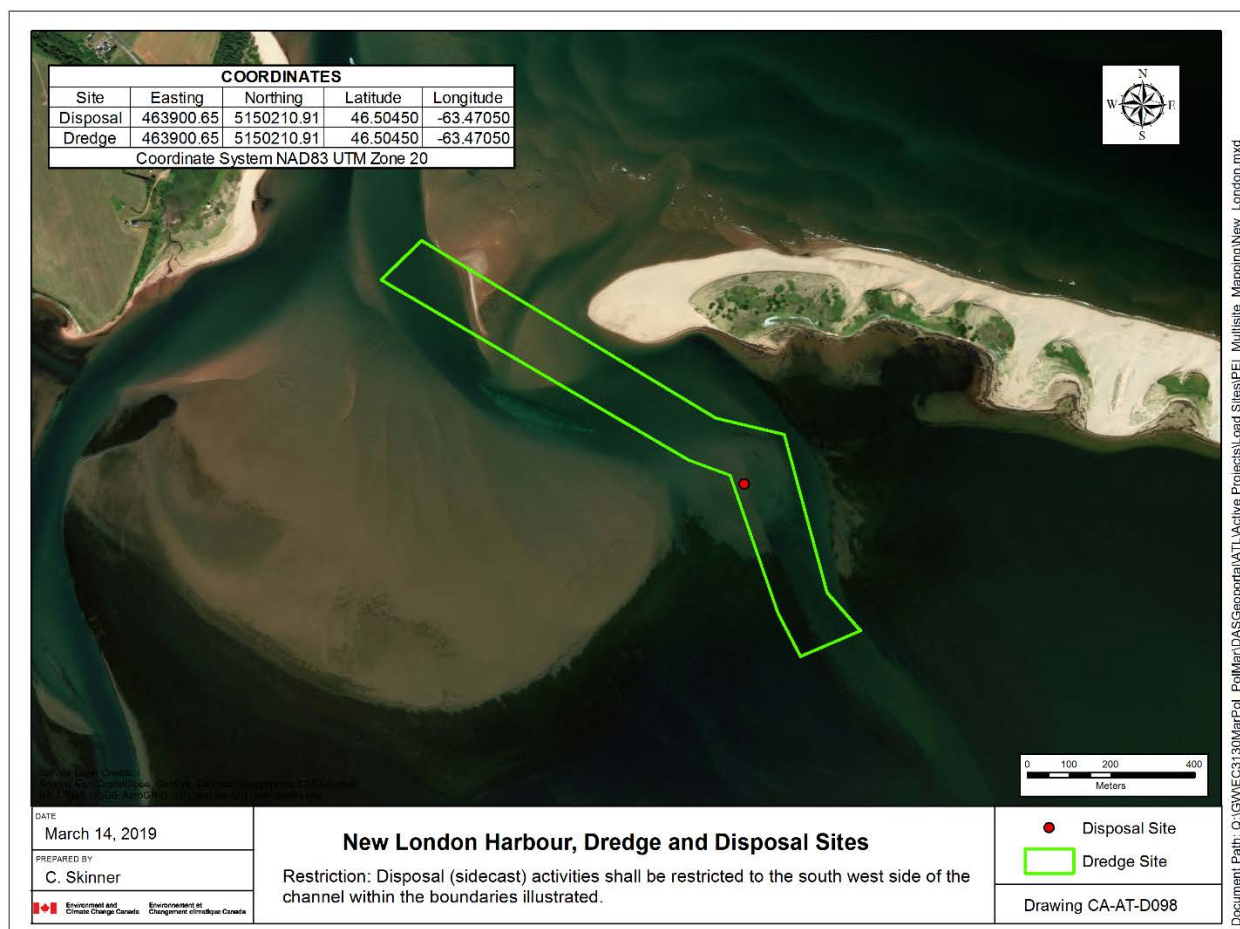
SITE WITHIN 300 m of
CRITICAL HABITAT ☒

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☒



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. Disposal (sidecast) activities shall be restricted to the south west side of the channel within the boundaries illustrated.
2. Piping Plover presence or absence shall be confirmed by Parks Canada prior to the commencement of any dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name North Rustico Harbour

Site User CA-AT-D103

ANNUAL QUANTITY RESTRICTION

15,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name North Rustico Harbour

Site Code PSPC, Charlottetown

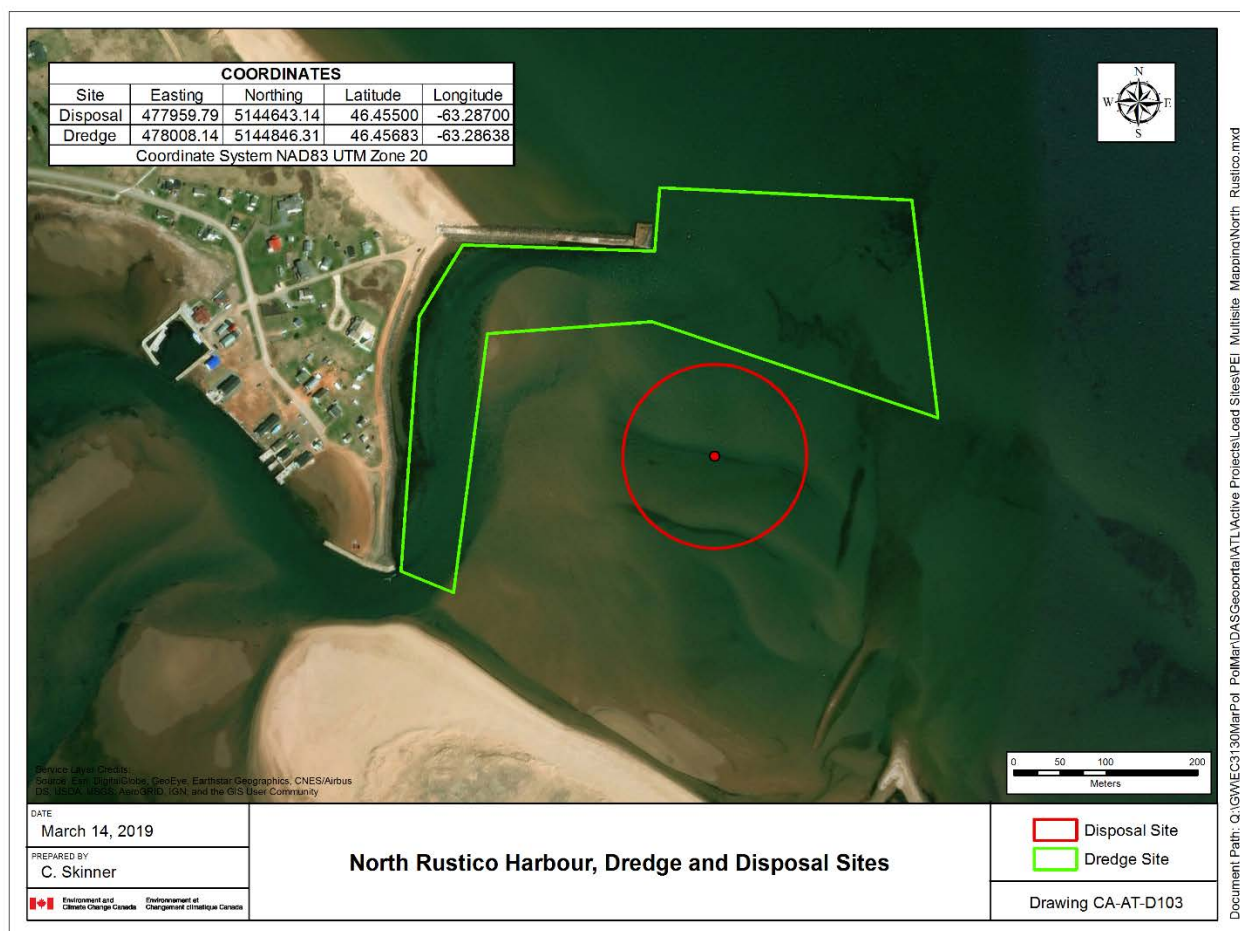
SITE WITHIN 300 m of
CRITICAL HABITAT ☒

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☒



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. Piping Plover presence or absence shall be confirmed by Parks Canada prior to the commencement of any dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Skinners Pond

Site User CA-ATD195 & D196

ANNUAL QUANTITY RESTRICTION

1,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☐

Barge-mounted Excavator ☒

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Skinners Pond

Site Code PSPC, Charlottetown

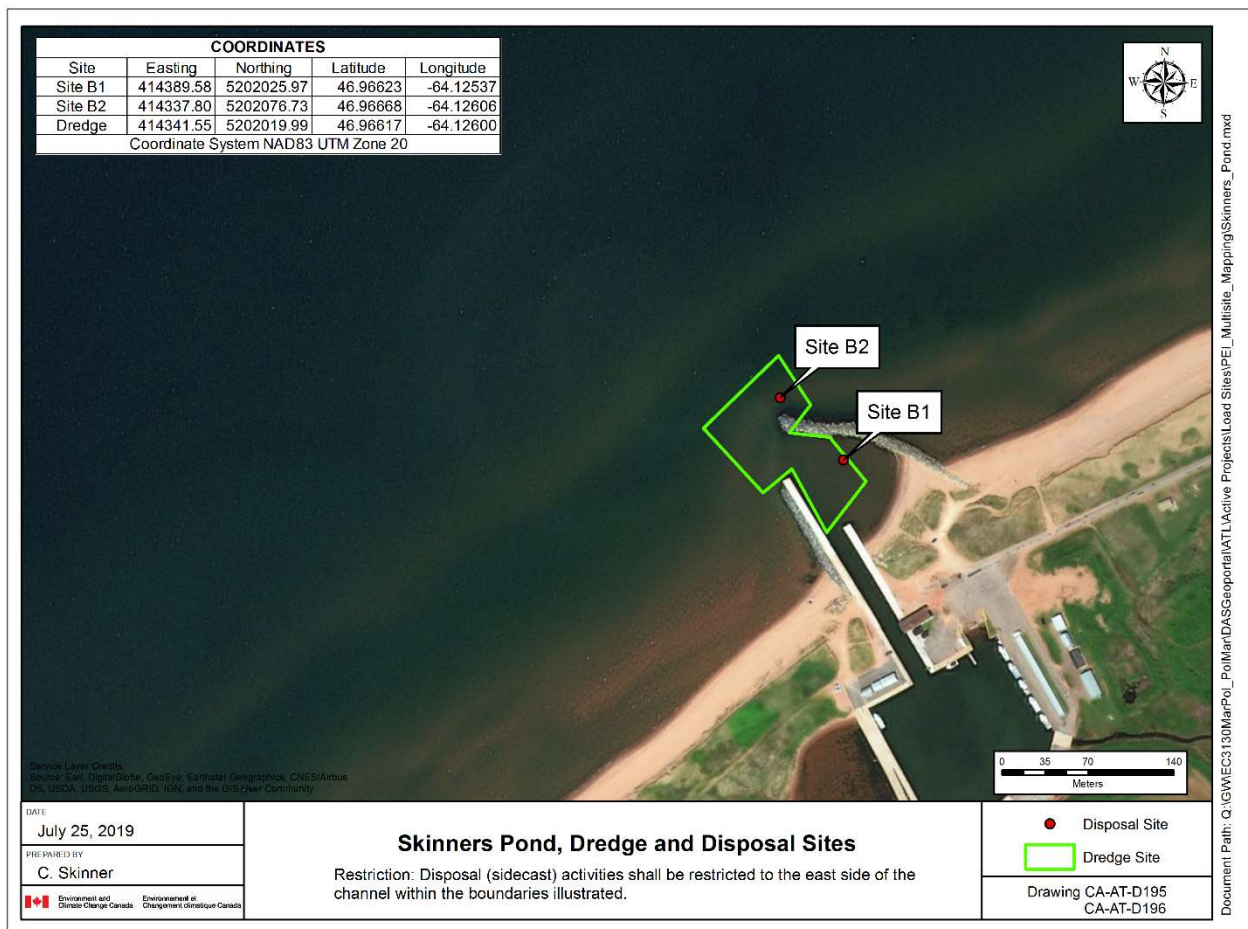
SITE WITHIN 300 m of ☐
CRITICAL HABITAT

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. Disposal (sidecast) activities (Disposal Site B1 & B2) shall be restricted to the east side of the channel within the boundaries illustrated.
2. Disposal Site B1: Not to exceed 500 cubic metres, place measure.
4. Disposal Site B2: Not to exceed 500 cubic metres, place measure.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name West Point

Site User CA-AT-D161

RELATED HARBOUR OR CHANNEL

Site Name West Point Harbour

Site Code PSPC, Charlottetown

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

SITE WITHIN 300 m of ☐

CRITICAL HABITAT

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

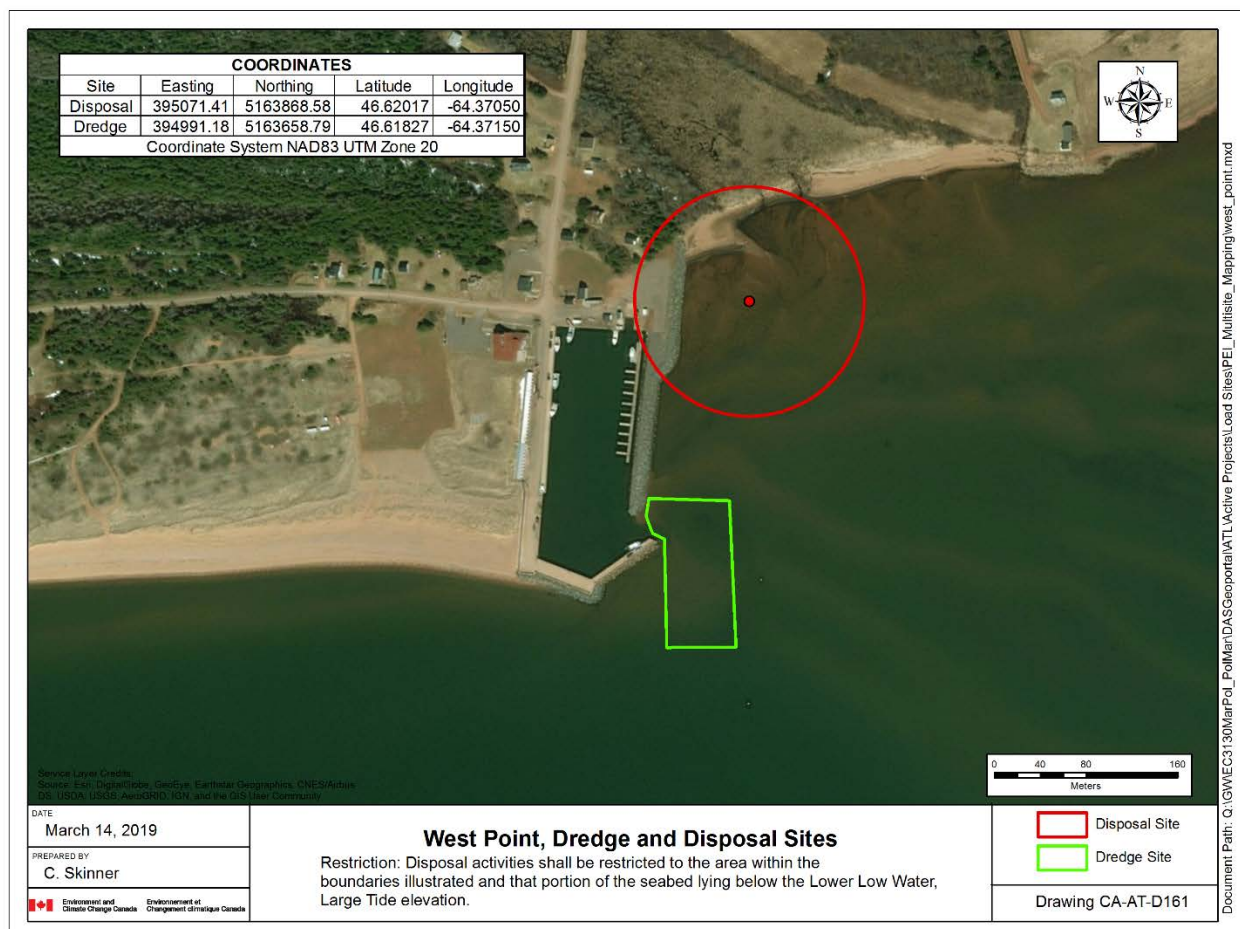
REQUIRED MITIGATION ☒

(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Eastern PEI Sites

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Grahams Pond

Site User CA-AT-D053

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Grahams Pond Harbour

Site Code PSPC, Charlottetown

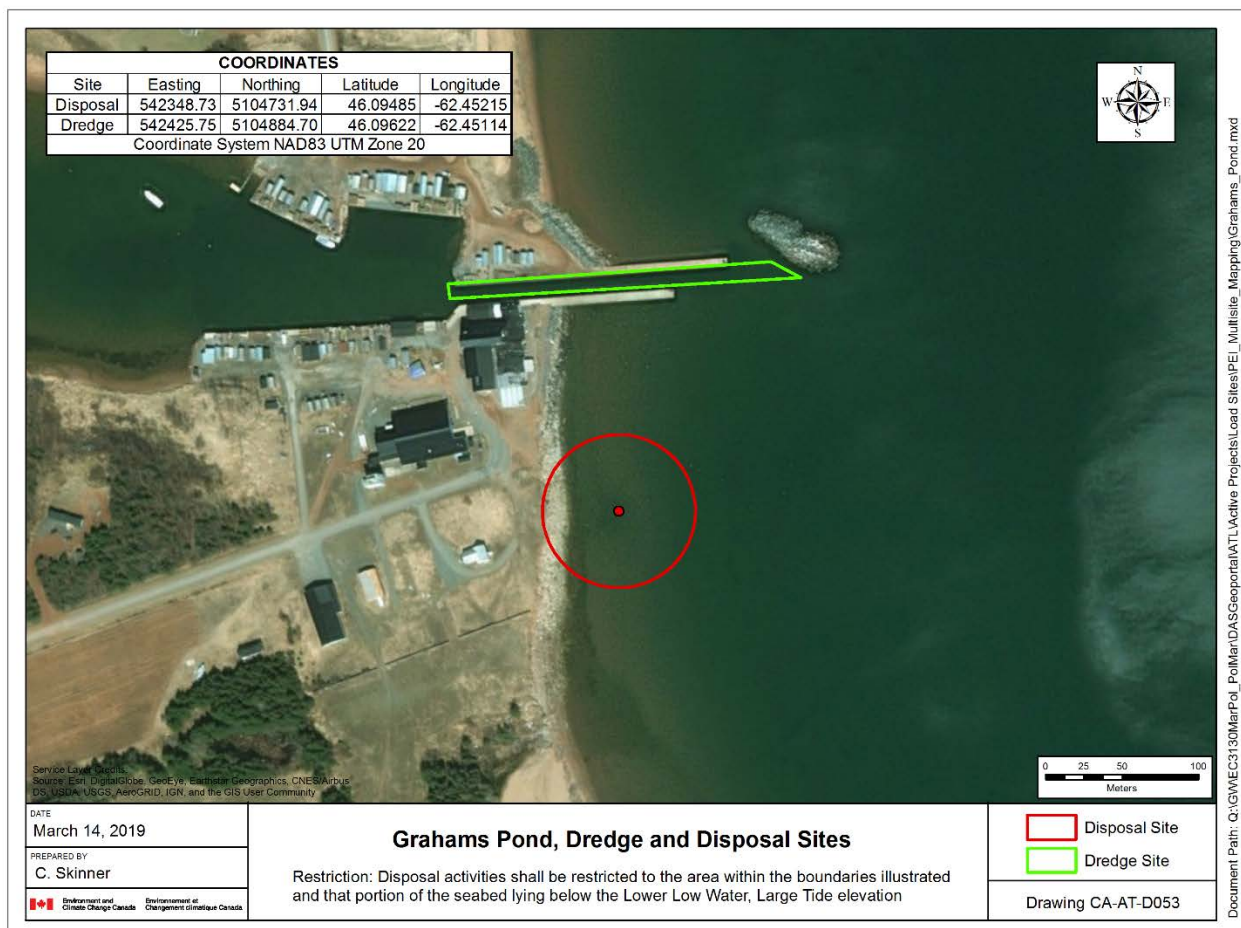
**SITE WITHIN 300 m of
CRITICAL HABITAT** ☐

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Launching Pond

Site User CA-AT-D074

ANNUAL QUANTITY RESTRICTION

15,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Launching Pond Harbour

Site Code PSPC, Charlottetown

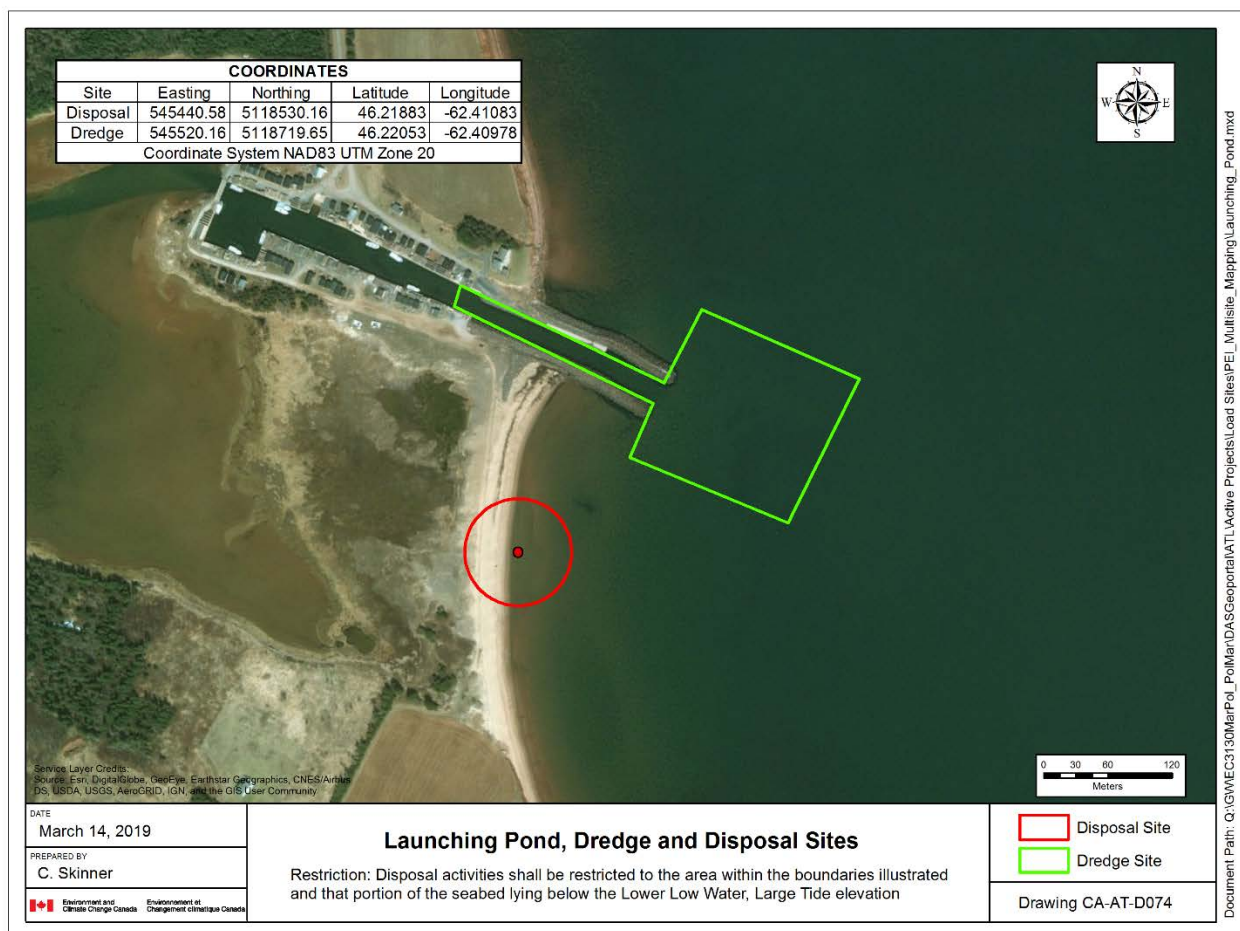
SITE WITHIN 300 m of
CRITICAL HABITAT ☐

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Naufrage

Site User CA-AT-D096

ANNUAL QUANTITY RESTRICTION

20,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Naufrage Harbour

Site Code PSPC, Charlottetown

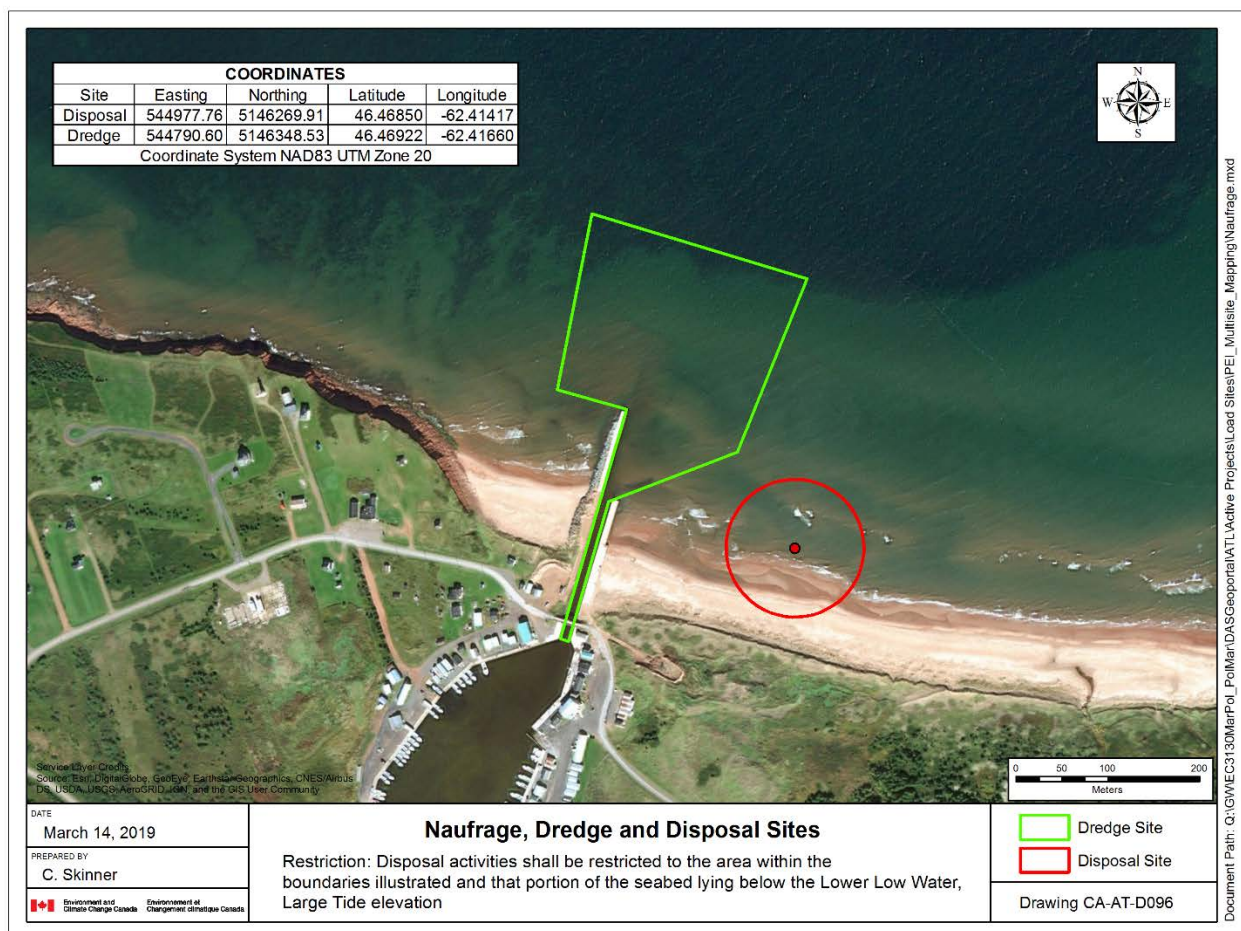
**SITE WITHIN 300 m of
CRITICAL HABITAT** ☒

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. Piping Plover presence or absence shall be confirmed by qualified observers two to three days prior to initiating dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of the legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name North Lake

Site User CA-AT-D100 & D102

RELATED HARBOUR OR CHANNEL

Site Name North Lake Harbour

Site Code PSPC, Charlottetown

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

SITE WITHIN 300 m of ☒ CRITICAL HABITAT

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

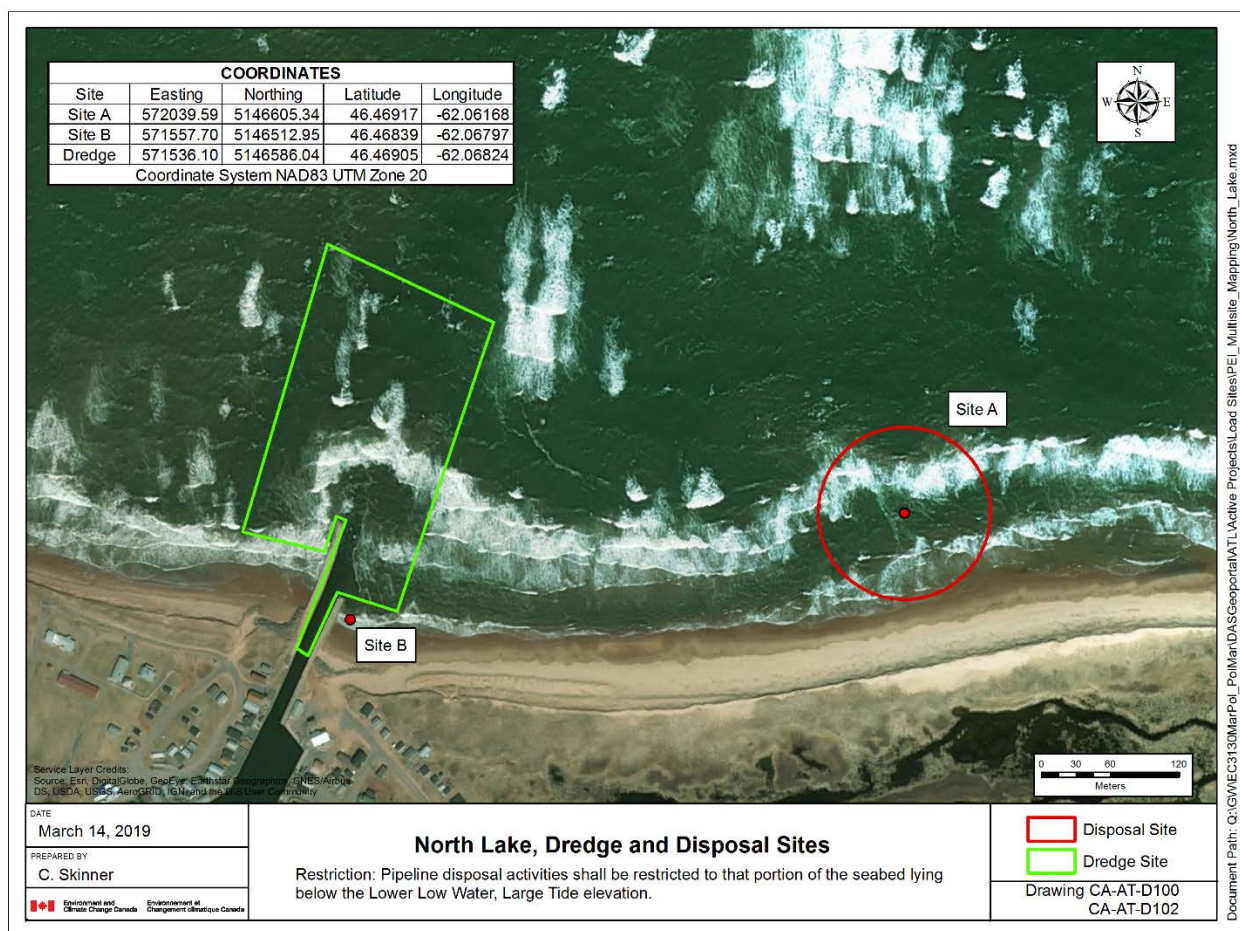
Land-based Heavy Equipment ☒

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☐



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.

Additional Mitigation

1. With the exception of the Foreshore Site (Disposal site B): Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.
2. For the Foreshore Site only: The existing access road shall be used to access the beach.
3. For the Foreshore Site only: Dredged material shall be placed and reworked to lie below the mid-tide line.
4. For the Pipeline Disposal Site (Disposal site A) only: Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Piping Plover presence or absence shall be confirmed by qualified observers two to three days prior to initiating dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of the legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Savage Harbour

Site User CA-AT-D126

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Savage Harbour

Site Code PSPC, Charlottetown

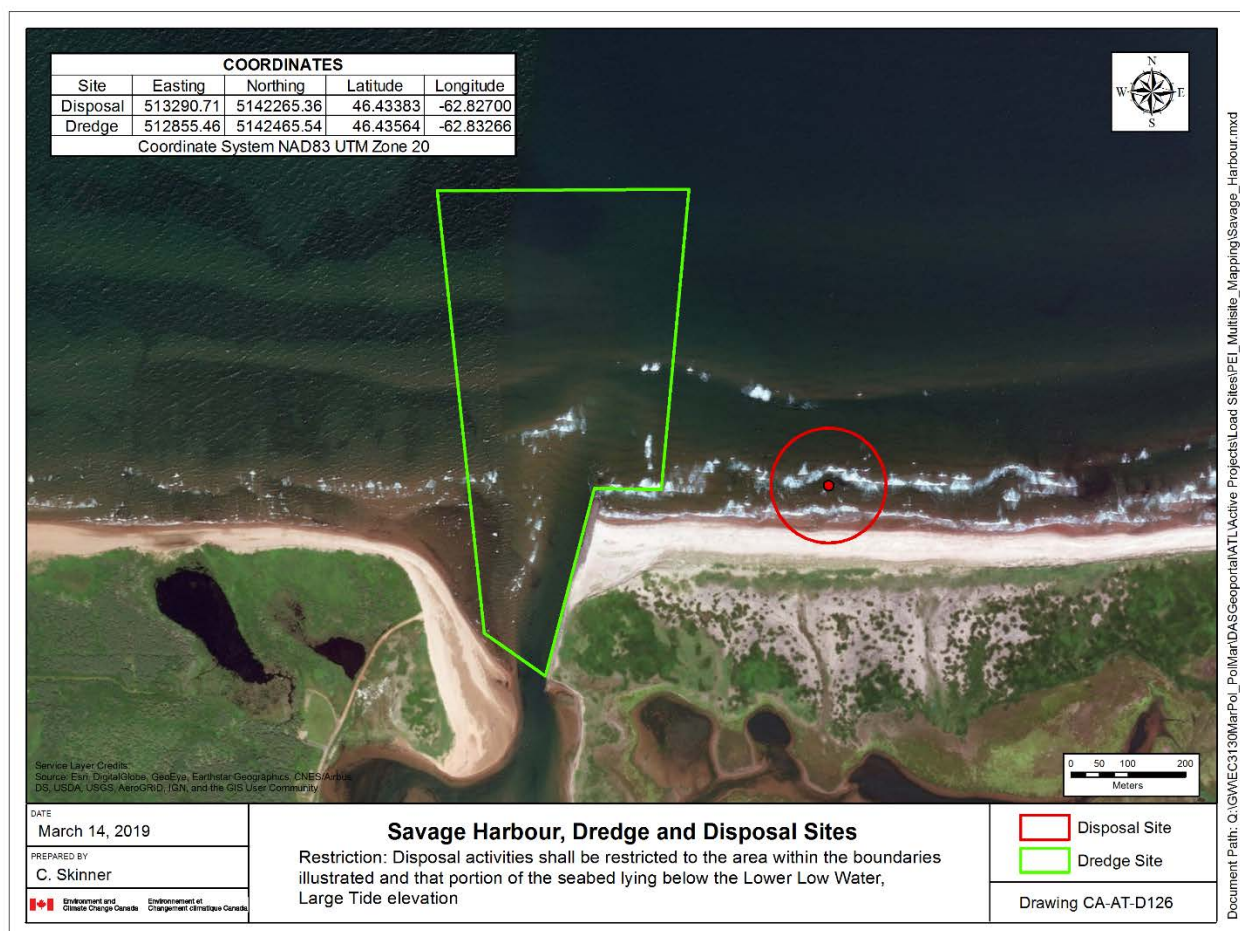
SITE WITHIN 300 m of
CRITICAL HABITAT ☒

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☒



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. Piping Plover presence or absence shall be confirmed by Parks Canada prior to the commencement of any dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name St. Peters Bay (Red Head)

Site User CA-AT-D139

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

EQUIPMENT RESTRICTIONS

Suction Dredge ☒

Barge-mounted Excavator ☐

Land-based Heavy Equipment ☐

RELATED HARBOUR OR CHANNEL

Site Name Red Head Harbour

Site Code PSPC, Charlottetown

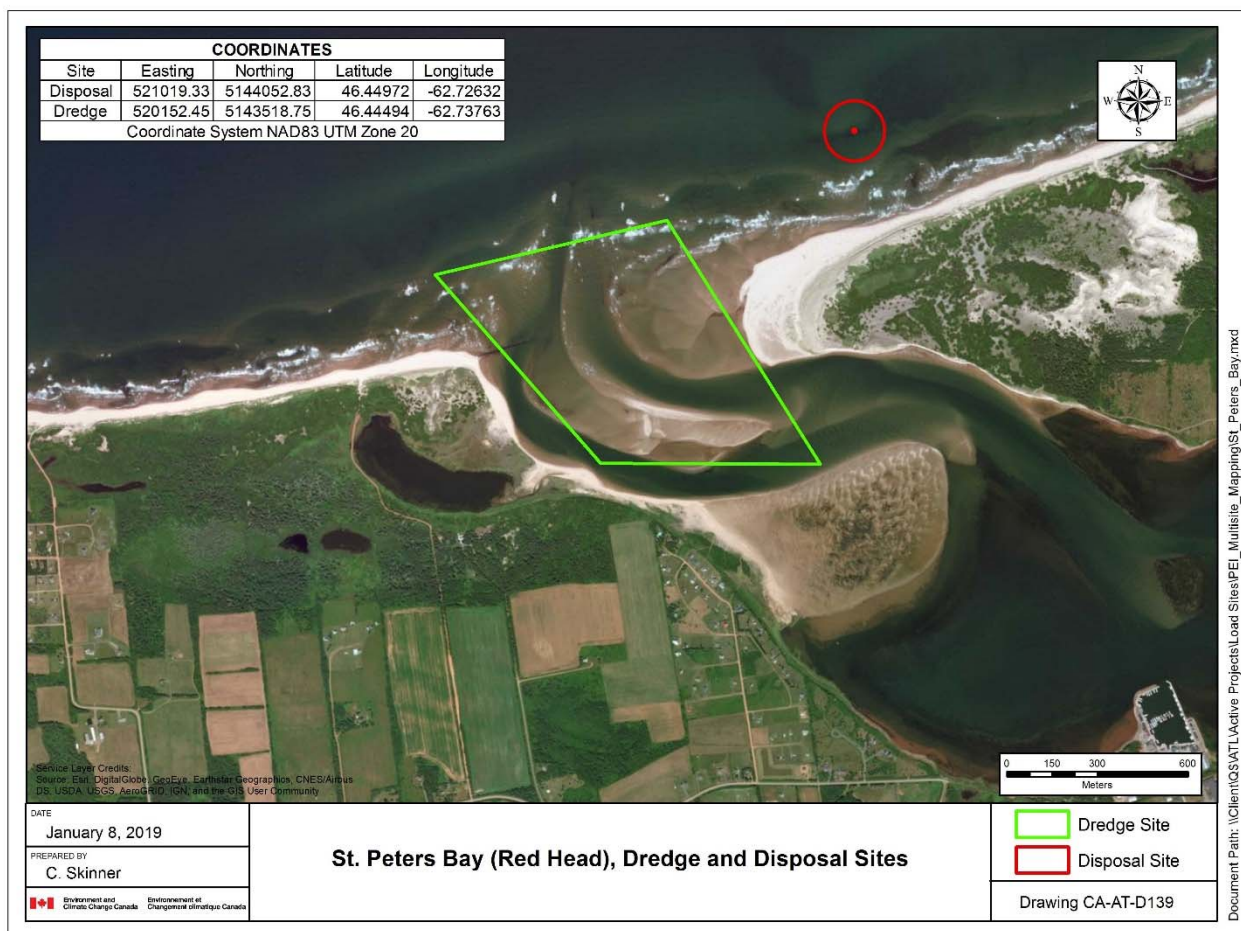
SITE WITHIN 300 m of ☒
CRITICAL HABITAT

REQUIRED MITIGATION ☒
(see page 2)

SITE MOBILIZATION NOTIFICATIONS

Standard ☒

Parks Canada Agency ☒



Standard Mitigation

1. Bulky debris such as wooden beams, scrap metal, cable, and fishing gear recovered during dredging operations shall not be returned to the marine environment.
2. Food scraps and all vessel related solid wastes shall not be released to the marine environment.
3. Basic petroleum spill clean-up equipment, e.g., a 250 L oil spill clean-up kit, shall be stored on-site and available for immediate use during execution phase of dredging projects.
4. Disposal activities shall be restricted to the area within the boundaries illustrated and that portion of the seabed lying below the Lower Low Water, Large Tide elevation.
5. Dredge crews, dredging related vehicles or other dredging related equipment shall not access beaches, sand spits, dunes, mud flats, or sand flats during any stage of the project.

Additional Mitigation

1. Piping Plover presence or absence shall be confirmed by Parks Canada prior to the commencement of any dredging activities. If plovers are present, the holder of the DAS permit shall provide the contractor with notification of their presence, a summary of legal protection provided to the plovers, and a description of the penalties for violating relevant prohibitions under the *Migratory Bird Convention Act* or the *Species at Risk Act*.