

Appendix “C”

DISPOSAL AT SEA PERMIT



Environment Canada Environnement Canada

Environmental Stewardship Branch
16th Floor, Queen Square
45 Alderney Drive
Dartmouth, Nova Scotia B2Y 2N6

Our Files: 4543-2-6855
4543-2-6856

March 24, 2015

Mr. Ron St. Onge
Senior Project Manager
Public Works and Government Services Canada
P.O. Box 1268
Charlottetown, PEI C1A 7M8

Dear Mr. St. Onge:

Re: Disposal at Sea Permits for DFO SCH's 2015 Maintenance Dredging Program, PEI

Enclosed please find Disposal at Sea Permits 4543-2-6855 and 4543-2-6856 authorizing the disposal of dredged sediment from various DFO Small Craft Harbour Facilities on Prince Edward Island. We have also included a copy of the *PEI Disposal Site Management Plan: 2015 Map Book and Mitigation* document referenced in Conditions 4, 5 and 14 of the Permits. This document should be provided to your contractor(s) along with the Permits.

Please note that the granting of the Permits does not release you from the need to comply with any act, regulation, or by-law that may apply to the proposed activities.

If you wish to discuss any aspect of your Permits, please contact me at (902) 426-3649 or jayne.roma@ec.gc.ca.

Yours truly,

Jayne Roma
Permit Officer
EPOD Atlantic

Enclosures

cc: K. Power, M. Dalton, J. Fisher (PWGSC)

Canada

www.ec.gc.ca



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 1999)*, Disposal at Sea Permit No. 4543-2-06855 authorizing the loading for disposal and the disposal of waste or other matter at sea is approved. The permit is published on the CEPA Registry on Tuesday March 24, 2015.

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 1, 2015, to March 31, 2016.

4. *Loading site(s)*:

(a) Grahams Pond, Prince Edward Island, at approximately 46.09622° N, 62.45114° W (NAD 83);

(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. Peter's Bay (Red Head), Prince Edward Island, at approximately 46.44494° N, 62.73763° W or 46.44429° N, 62.73427° W (NAD83); and

(g) Tracadie Harbour, Prince Edward Island, at approximately 46.40830° N, 63.02927° W (NAD83),

as described in the document titled "PEI Disposal Site Management Plan: 2015 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. Peter's Bay (Red Head), Prince Edward Island, 46.44972° N; 62.72632° W (NAD83);

(h) Tracadie Harbour, Prince Edward Island – Site B, 46.40667° N, 63.02233° W (NAD83);

(i) Tracadie Harbour, Prince Edward Island – Site C, 46.41567° N, 63.03367° W (NAD83),

as described in the document titled “PEI Disposal Site Management Plan: 2015 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, trucks or sidecasting.

8. *Method of disposal:* Disposal will be carried out by pipeline, end dumping or sidecasting.

9. *Total quantity to be disposed of:*

(a) Grahams Pond: Not to exceed 10000 cubic metres, place measure

(b) Launching Pond: Not to exceed 15000 cubic metres, place measure

(c) Naufrage: Not to exceed 20000 cubic metres, place measure

- (d) North Lake: Not to exceed 10000 cubic metres, place measure
- (e) Savage Harbour: Not to exceed 10000 cubic metres, place measure
- (f) St Peter's Bay: Not to exceed 10000 cubic metres, place measure
- (g) Tracadie Harbour Site B: Not to exceed 2000 cubic metres, place measure
- (h) Tracadie Harbour Site C: Not to exceed 15000 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. Jayne Roma, as identified in paragraph 13.1. 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:*

11.1. By accepting this permit, the Permittee and its contractors accept that they are subject to inspection pursuant to Part 10 of the *Canadian Environmental Protection Act, 1999*.

11.2. Ships operating under the authority of this permit shall be marked in accordance with the *Collision Regulations* of the *Canada Shipping Act, 2001*, when located on or in the waterway.

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. Jayne Roma, Environmental Protection Operations Directorate, Department of the Environment, Atlantic Region, Queen Square, 16th Floor, 45 Alderney Drive, Dartmouth, NS B2Y 2N6, 902-426-8373 (fax), jayne.roma@ec.gc.ca (email);

(b) Mr. Mark Dalton, Environmental Enforcement Directorate, Department of the Environment, Atlantic Region, Queen Square, 16th Floor, 45 Alderney Drive, Dartmouth, NS B2Y 2N6, 902-490-0775 (fax), mark.dalton@ec.gc.ca (email);

(c) Ms. Rachel Gautreau, Canadian Wildlife Service, Department of the Environment, 17 Waterfowl Lane, Sackville, NB E4L 1G6, 506-364-5062 (fax), rachel.gautreau@ec.gc.ca (email);

(d) Mr. Jean-Francois Mallet, Department of Fisheries and Oceans, 343 Université Avenue, Moncton, NB E1C 9B6, 506-851-6579 (fax), jean-francois.mallet@dfo-mpo.gc.ca (email).

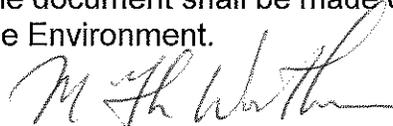
(e) For Savage Harbour, St Peter's Bay and Tracadie Harbour only: Mr. Paul Giroux, Parks Canada Agency, 2 Palmers Lane, Charlottetown, PEI C1A 5V6, 902-672-6370 (fax), paul.giroux@pc.gc.ca (email).

13.2. The Canadian Coast Guard, Marine Communication and Traffic Services (MCTS) of 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. Jayne Roma, identified in paragraph 13.1., within 30 days of 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.

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: 2015 Map Book and Mitigation". Modifications to the document shall be made only with the written approval of the Department of the Environment.



Glenn Worthman
A/Regional Director
Environmental Protection Operations Directorate
Atlantic Region

On behalf of the Minister of the Environment

Signed on: March 11/2015

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 1999)*, Disposal at Sea Permit No. 4543-2-06856 authorizing the loading for disposal and the disposal of waste or other matter at sea is approved. The permit is published on the CEPA Registry on Tuesday March 24, 2015.

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 1, 2015, to March 31, 2016.

4. *Loading site(s)*:

(a) Covehead Harbour, Prince Edward Island, at approximately 46.43273° N, 63.14635° W (NAD 83);

(b) Darnley Basin (Malpeque), Prince Edward Island, at approximately 46.56083° N, 63.69333° W (NAD 83);

(c) Fishing Cove, Prince Edward Island, at approximately 46.40727° N, 64.13510° W (NAD 83);

(d) Hardys Channel, Prince Edward Island, at approximately 46.65362° N, 63.86050° W (NAD 83);

(e) Howards Cove, Prince Edward Island, at approximately 46.73963° N, 64.37935° W (NAD 83);

(f) New London Harbour, Prince Edward Island, at approximately 46.50450° N, 63.47050° W (NAD 83),

(g) North Rustico Harbour, Prince Edward Island, at approximately 46.45683° N, 63.28683° W (NAD 83),

(h) Skinners Pond, Prince Edward Island, at approximately 46.96617° N, 64.12600° W (NAD 83); and

(i) West Point Harbour, Prince Edward Island, at approximately 46.61827° N, 64.37150° W (NAD 83),

as described in the document titled "PEI Disposal Site Management Plan: 2015 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, 46.39998° N, 64.13225° W (NAD83);

(e) Fishing Cove (Cape Egmont), Prince Edward Island - Site B, 46.40727° 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 (NAD 83),

(i) North Rustico Harbour, Prince Edward Island, at approximately 46.45500° N, 63. 28700° W (NAD 83),

(j) Skinners Pond, Prince Edward Island, 46.96401° N, 64.12967° W (NAD83);
and

(k) West Point, Prince Edward Island, 46.62017° N, 64.37050° W (NAD 83),

as described in the document titled "PEI Disposal Site Management Plan: 2015 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, trucks or sidecasting.

8. *Method of disposal:* Disposal will be carried out by pipeline, end dumping, or sidecasting.

9. *Total quantity to be disposed of:*

(a) Covehead: Not to exceed 10000 cubic metres, place measure.

(b) Darnley Basin: Not to exceed 45000 cubic metres, place measure.

(c) Fishing Cove: Not to exceed 10000 cubic metres, place measure.

(d) Hardys Channel: Not to exceed 10000 cubic metres, place measure.

(e) Howards Cove: Not to exceed 10000 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 10000 cubic metres, place measure.

(i) West Point: Not to exceed 10000 cubic metres, place measure.

9.1. The Permittee shall submit the procedures to measure or estimate quantities of dredged material disposed of at the disposal site to Ms. Jayne Roma, as identified in paragraph 13.1. 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:*

11.1. By accepting this permit, the Permittee and their contractors accept that they are subject to inspection pursuant to Part 10 of the *Canadian Environmental Protection Act, 1999*.

11.2. Ships operating under the authority of this permit shall be marked in accordance with the *Collision Regulations of the Canada Shipping Act, 2001*, when located on or in the waterway.

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. Jayne Roma, Environmental Protection Operations Directorate, Department of the Environment, Atlantic Region, Queen Square, 16th Floor, 45 Alderney Drive, Dartmouth, NS B2Y 2N6, 902-426-8373 (fax), jayne.roma@ec.gc.ca (email);

(b) Mr. Mark Dalton, Environmental Enforcement Directorate, Department of the Environment, Atlantic Region, Queen Square, 16th Floor, 45 Alderney Drive, Dartmouth, NS B2Y 2N6, 902-490-0775 (fax), mark.dalton@ec.gc.ca (email);

(c) Ms. Rachel Gautreau, Canadian Wildlife Service, Department of the Environment, 17 Waterfowl Lane, Sackville, NB E4L 1G6, 506-364-5062 (fax), rachel.gautreau@ec.gc.ca (email); and

(d) Mr. Jean-Francois Mallet, Department of Fisheries and Oceans, 343 Université Avenue, Moncton, NB E1C 9B6, 506-851-6579 (fax), jean-francois.mallet@dfo-mpo.gc.ca (email).

(e) For Covehead, New London and North Rustico only only: Mr. Paul Giroux, Parks Canada Agency, 2 Palmers Lane, Charlottetown, PE C1A 5V6, 902-672-6370 (fax), paul.giroux@pc.gc.ca (email).

13.2. The Canadian Coast Guard, Marine Communication and Traffic Services (MCTS) of 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. Jayne Roma, identified in paragraph 13.1., within 30 days of 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.

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: 2015 Map Book and Mitigation". Modifications to the document shall be made only with the written approval of the Department of the Environment.



Glenn Worthman
*A/Regional Director
Environmental Protection Operations Directorate
Atlantic Region*

On behalf of the Minister of the Environment

Signed on: *March 11, 2015*



Environment
Canada

Environnement
Canada

PEI Disposal Site Management Plan: 2015 Map Book and Mitigation

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

Prepared by

Environment Canada

Environmental Protection Operations Directorate – Atlantic Region

Environmental Assessment and Marine Programs

March 16, 2015

Western PEI Sites

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 use during dredging operations.

Additional Mitigation

1. 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. The pipeline discharge location shall be situated below the low-low water mark at all times.
3. Piping Plover presence or absence shall be confirmed by the Island Nature Trust prior to initiating the dredging activities. If annual surveys have not yet commenced, the prior year's data shall be used and later updated as more current information becomes available. If plovers are present, the contractor shall be given written 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*. A copy of the notification shall be forwarded by email to DisposalatSeaATL@ec.gc.ca.

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 use during dredging operations.

Additional Mitigation

1. 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. The existing access road shall be used to access the pipeline deployment area. Vegetated areas shall be avoided where possible.
3. All dredging related vehicles or other dredging related equipment and extra pipeline segments shall be stored in the DFO-SCH parking area.
4. The pipeline discharge location shall be situated below the low-low water mark at all times.
5. The disposal volume per dredge event shall not exceed 15000 m³ place measure.
6. Piping Plover presence or absence shall be confirmed by the Island Nature Trust prior to initiating the dredging activities. If annual surveys have not yet commenced, the prior year's data shall be used and later updated as more current information becomes available. If plovers are present, the contractor shall be given written 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*. A copy of the notification shall be forwarded by email to DisposalatSeaATL@ec.gc.ca.



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 use during dredging operations.

Additional Mitigation

1. 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 Code CA-AT-D056

RELATED HARBOUR OR CHANNEL

Site Name Milligans Shore Harbour
 Site User PWGSC, Charlottetown

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

SITE WITHIN 300 m of CRITICAL HABITAT

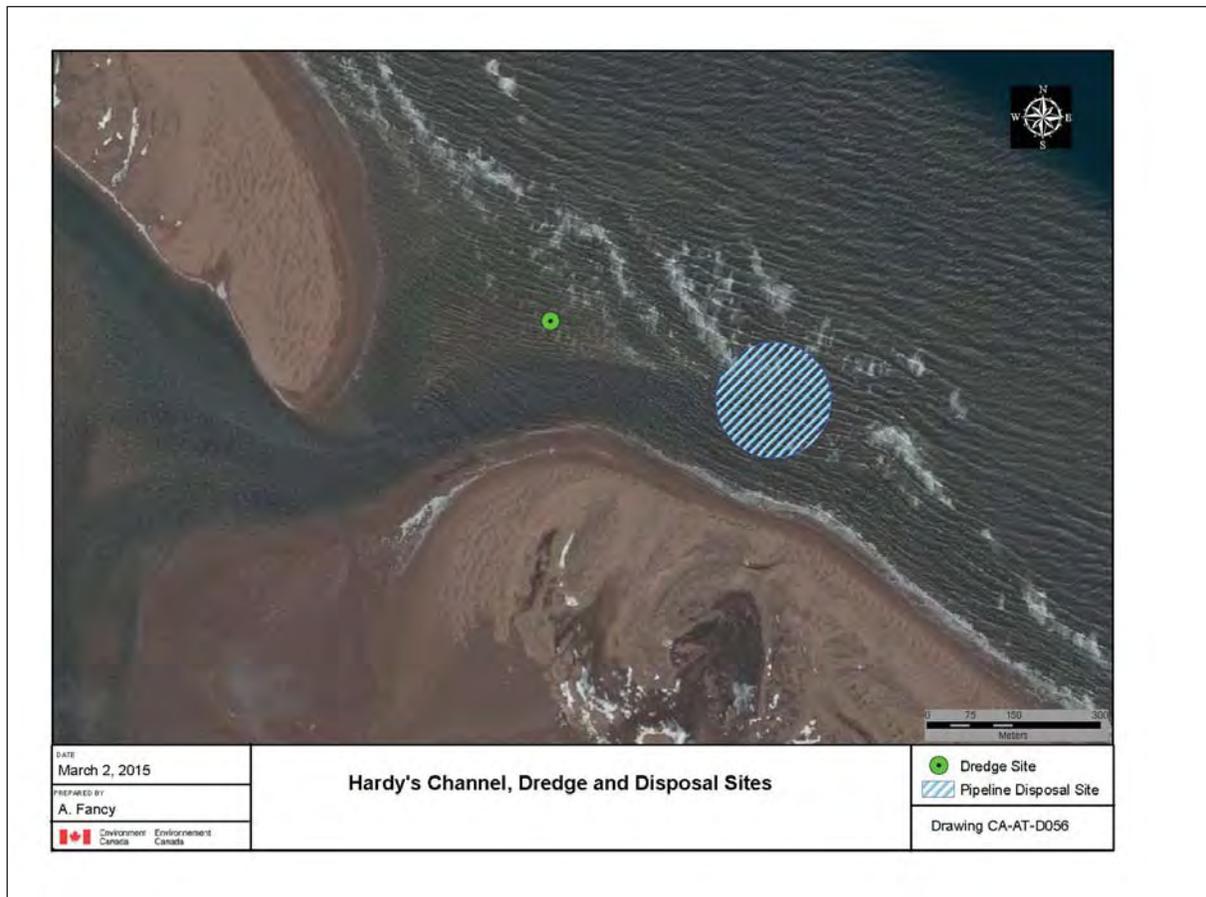
EQUIPMENT RESTRICTIONS

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 use during dredging operations.

Additional Mitigation

1. 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. The pipeline discharge location shall be situated below the low-low water mark at all times.
3. Piping Plover presence or absence shall be confirmed by the Island Nature Trust prior to initiating the dredging activities. If annual surveys have not yet commenced, the prior year's data shall be used and later updated as more current information becomes available. If plovers are present, the contractor shall be given written 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*. A copy of the notification shall be forwarded by email to DisposalatSeaATL@ec.gc.ca.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Howards Cove

Site Code CA-AT-D065

RELATED HARBOUR OR CHANNEL

Site Name Howards Cove

Site User PWGSC, 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 use during dredging operations.

Additional Mitigation

1. 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.

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 use during dredging operations.

Additional Mitigation

1. 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. Dredged material shall be placed on the south west side of the channel only.
3. Piping Plover presence or absence shall be confirmed by the Island Nature Trust prior to initiating the dredging activities. If annual surveys have not yet commenced, the prior year's data shall be used and later updated as more current information becomes available. If plovers are present, the contractor shall be given written 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*. A copy of the notification shall be forwarded by email to DisposalatSeaATL@ec.gc.ca.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name North Rustico

Site Code CA-AT-D103

RELATED HARBOUR OR CHANNEL

Site Name North Rustico Harbour

Site User PWGSC, Charlottetown

ANNUAL QUANTITY RESTRICTION

15,000 m³ place measure

SITE WITHIN 300 m of CRITICAL HABITAT

EQUIPMENT RESTRICTIONS

Suction Dredge

Barge-mounted Excavator

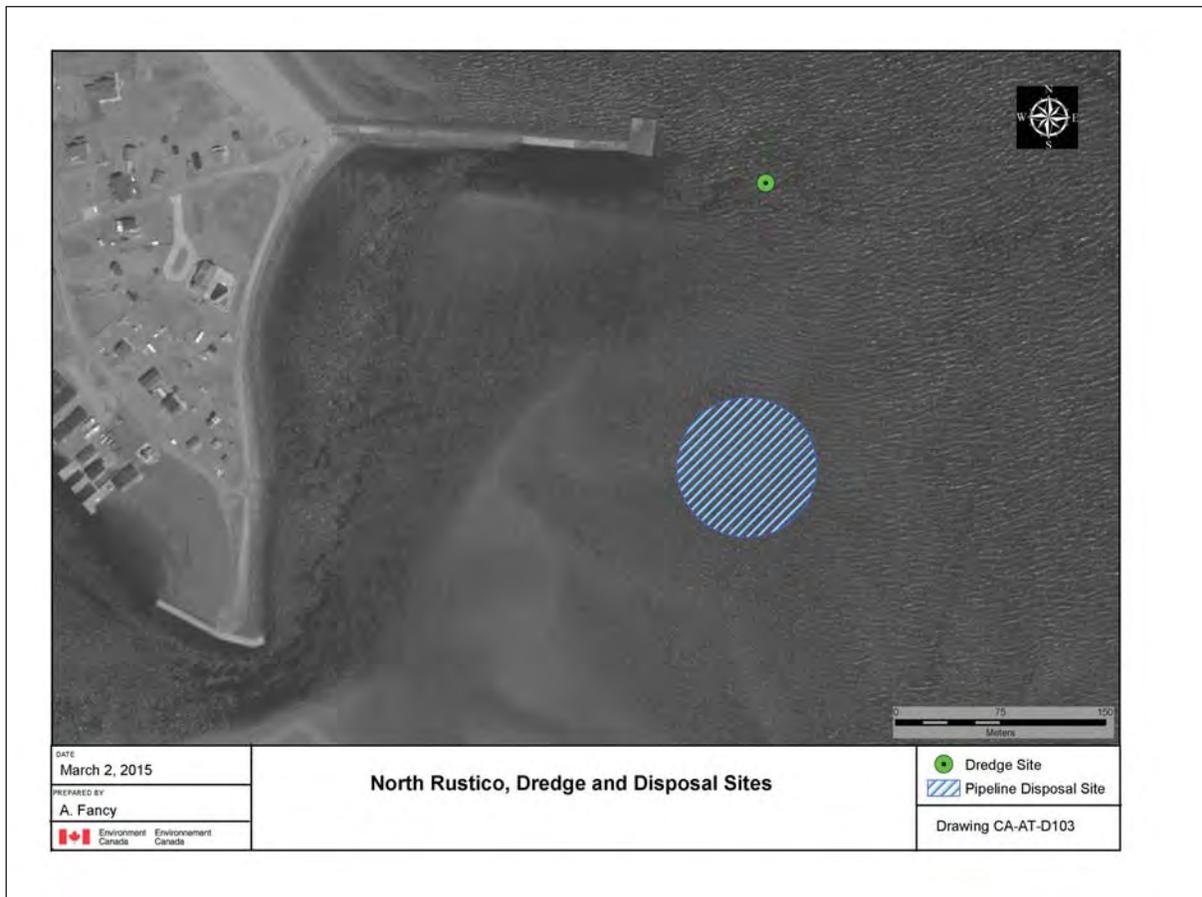
Land-based Heavy Equipment

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 use during dredging operations.

Additional Mitigation

1. 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. The pipeline discharge location shall be situated below the low-low water mark at all times.
3. Piping Plover presence or absence shall be confirmed by the Island Nature Trust prior to initiating the dredging activities. If annual surveys have not yet commenced, the prior year's data shall be used and later updated as more current information becomes available. If plovers are present, the contractor shall be given written 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*. A copy of the notification shall be forwarded by email to DisposalatSeaATL@ec.gc.ca.

DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Skinners Pond

Site Code CA-AT-D134

RELATED HARBOUR OR CHANNEL

Site Name Skinners Pond

Site User PWGSC, 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 use during dredging operations.

Additional Mitigation

1. 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 West Point

Site Code CA-AT-D161

RELATED HARBOUR OR CHANNEL

Site Name West Point Harbour

Site User PWGSC, Charlottetown

ANNUAL QUANTITY RESTRICTION

10,000 m³ place measure

**SITE WITHIN 300 m of
CRITICAL HABITAT**

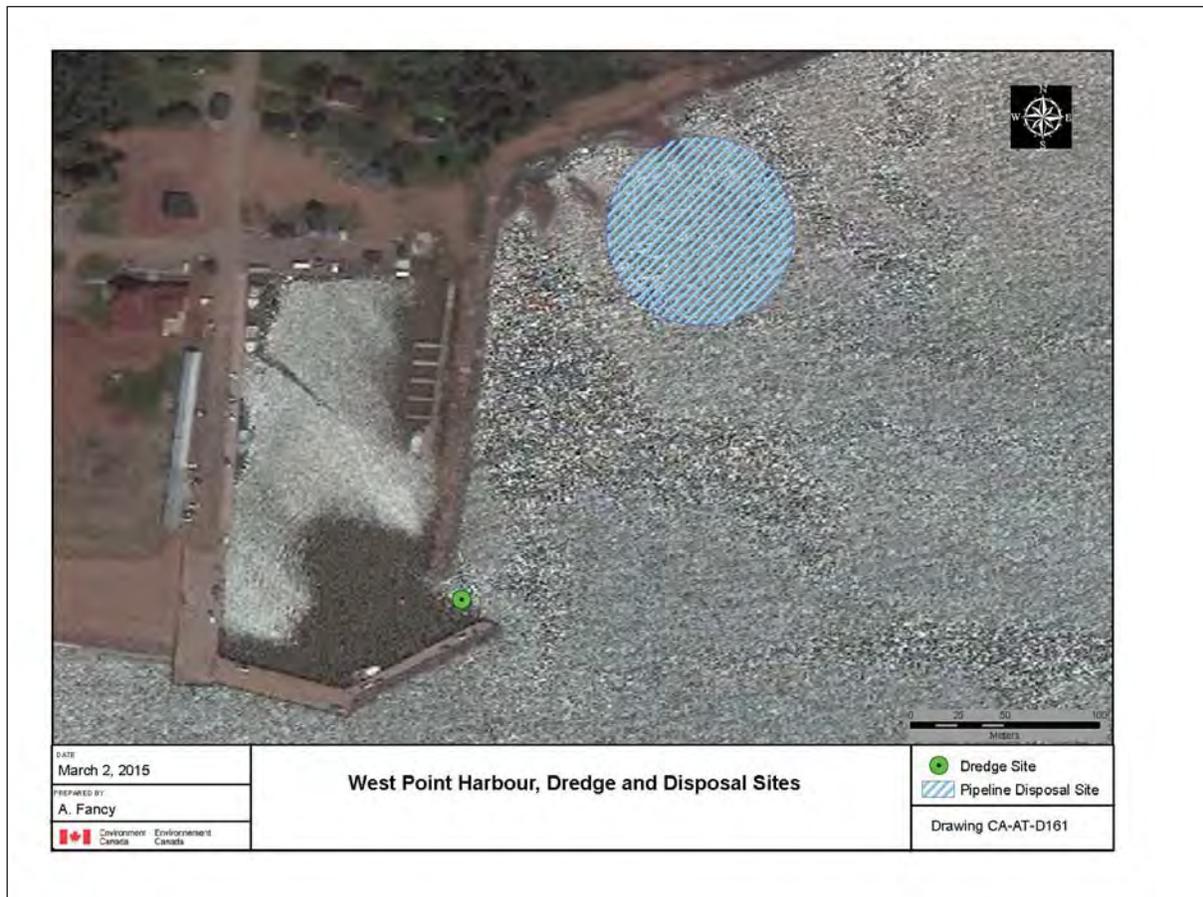
EQUIPMENT RESTRICTIONS

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 use during dredging operations.

Additional Mitigation

1. 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

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DISPOSAL SITE MANAGEMENT SUMMARY

DISPOSAL SITE

Site Name Naufrage
 Site Code CA-AT-D096

RELATED HARBOUR OR CHANNEL

Site Name Naufrage Harbour
 Site User PWGSC, Charlottetown

ANNUAL QUANTITY RESTRICTION

20,000 m³ place measure

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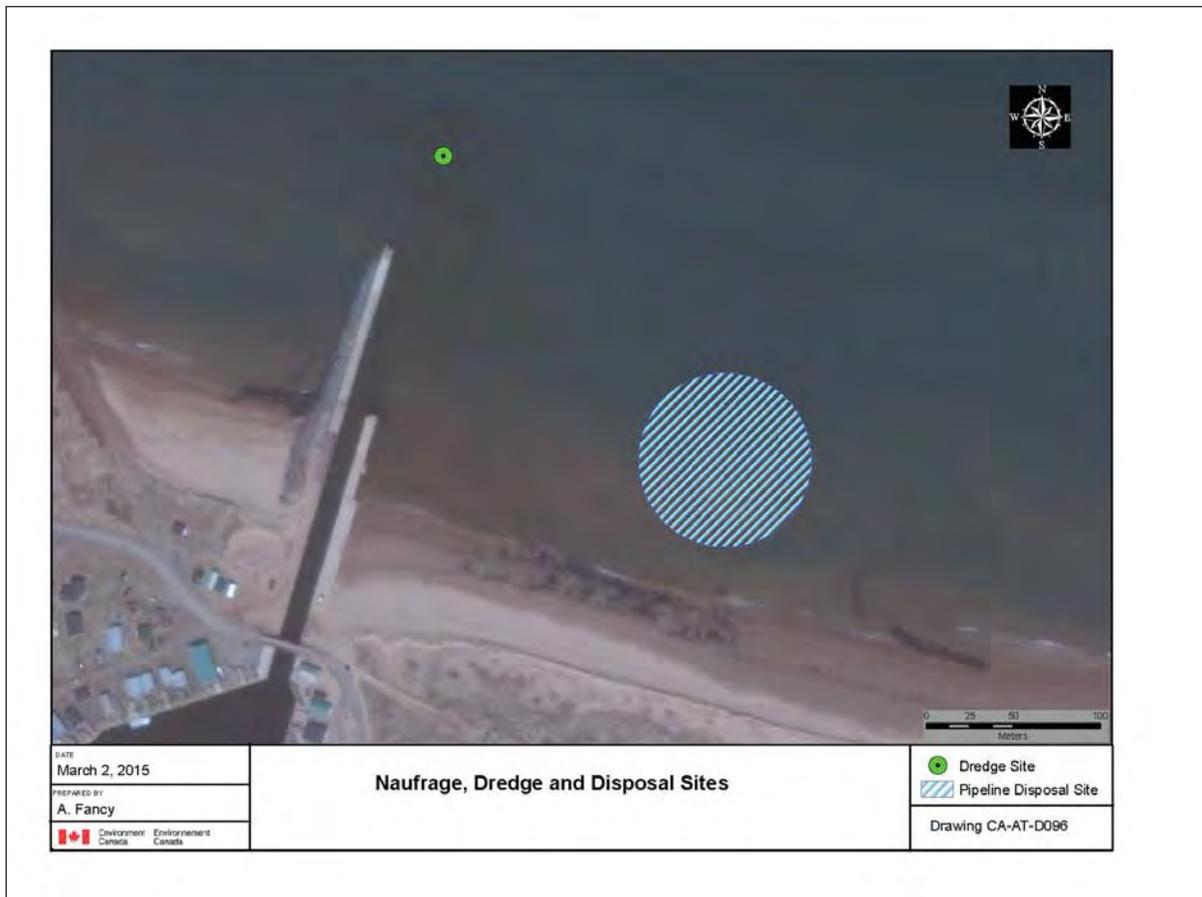
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Additional Mitigation

1. 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. The pipeline discharge location shall be situated below the low-low water mark at all times.
3. Piping Plover presence or absence shall be confirmed by the Island Nature Trust prior to initiating the dredging activities. If annual surveys have not yet commenced, the prior year's data shall be used and later updated as more current information becomes available. If plovers are present, the contractor shall be given written 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. A copy of the notification shall be forwarded by email to DisposalatSeaATL@ec.gc.ca.

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2. For the Intertidal Disposal Site only: the existing access road shall be used to access the beach.
3. For the Intertidal Disposal Site only: dredged material shall be placed and reworked to lie below the mid-tide line.

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4. Tracadie Site B: Annual volume placed shall not exceed 2 000 m³ place measure.
5. Tracadie Site C: Annual volume placed shall not exceed 15 000 m³ place measure.