



Fisheries and
Oceans Canada

Pêches et
Océans Canada

Real Property
Central and Arctic Region
501 University Crescent
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Gestion des biens immobiliers
Région du Centre et de l'Arctique
501, University Crescent
Winnipeg, MB R3T 2N6

26 June 2019

Sahtu Land and Water Board
Box 1
Fort Good Hope, NT X0E 0H0

Attn: Regulatory Specialist

Re: S16L8-002 2018 Annual Water Licence Report

In accordance with Part B, Item 1 of Sahtu Land and Water Board Water Licence S16L8-002 (repair of Canadian Coast Guard wharf in Norman Wells, NT), please find attached the 2018 Annual Water Licence Report. According to the terms of the water licence, this report was to be submitted by 31 March 2019, however it is not otherwise time-sensitive.

There were no updates or revisions to approved plans already posted to the SLWB electronic public registry. One of the three ENR water licence inspections (5 September 2018) was not noted in the electronic registry and is therefore attached for information. There are no other supporting appendices included with this report.

If you have any questions, please contact me at (204) 984-8792.

Sincerely,

Aldin Jansen, PEng (NT/NU/MB)

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Enclosures:

- S16L8-002 2018 Annual Water Licence Report (2 pages)
- S16L8-002 ENR Inspection Report 5 September 2018 (6 pages)



2018 Annual Water Licence Report

A. Details of works completed, including restoration

In March 2018, HRN Contracting Ltd. dredged by tracked excavator operating from a built up ice pad on the Mackenzie River adjacent to the wharf. Based on survey measurement, 925 m³ of material were removed. Dredged material was trucked onto the top of the wharf where it was stockpiled pending environmental sampling. Aecom sampled and arranged for testing of this material. Following acceptable testing results, the dredged materials were disposed of at the Norman Wells landfill.

From 26 July 2018 to 21 October 2018 Northern Industrial Construction:

- Excavated the top ~2.5 m of gravel around the inner edge of the sheet-pile;
- Cut and removed the top ~2 m of existing damaged sheet-pile;
- Welded new sheet pile onto the remaining the sheet-pile;
- Repaired tie-backs;
- Backfilled the excavation;
- Cast a concrete collar around the inner edge of the sheet-pile; and
- Welded ladder rungs.

In July 2019 Northern Industrial Construction will address seasonal deficiencies including:

- Placing/compacting gravel on the upper deck of the wharf; and
- Sealing joints in the concrete deck.

B. List of unauthorized discharges

No unauthorized discharges were identified during construction.

On 5 September 2018, GNWT inspectors observed lubricating grease and welding equipment near the equipment on the wharf. The inspectors advised the contractor who addressed the deficiencies.

C. Details on water use or waste disposal requested by the Board by November 1st of the year being reported

No additional details were requested.



D. Report detailing the results of the annual summer site inspections as set out in Part G, Items 1 to 3;

Project activities comprised riverbed dredging, and construction on the non-vegetated wharf surface. Accordingly, reseeding and associated inspection were not required.

GNWT ENR inspectors (wildlife manager and water resource officers) conducted water licence site inspections on 22 March, 5 September, and 24 October 2018.

E. Summary of modifications, repairs at the wharf referred to in Part E;

There were no modifications to the wharf repair conducted without the SLWB's written approval.

F. Updates or revisions to the Waste Management Plan referred to in Part D;

There are no updates to the revised Waste Management Plan submitted on 9 February 2018 and approved by SLWB on 28 February 2018.

G. Updates or revisions to the Spill Contingency Plan referred to in Part F;

There are no updates or revisions to the Spill Contingency Plan issued 8 February 2018, updated with revised Appendices A and B on 8 March 2018, and approved by SLWB on 9 March 2018.

H. Updates or revisions to the Engagement Plan referred to in Part B;

There are no updates or revisions to the Engagement Plan issued 17 February 2017, and approved by SLWB on 19 April 2017.

I. Updates or revisions to the Environmental Management Plan referred to in Part B.

There are no updates or revisions to the Environmental Management Plan issued on 6 December 2017 and approved by SLWB on 18 January 2018.