


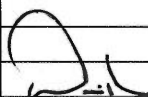
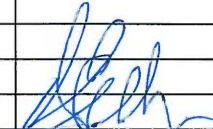

Lower Churchill Management Corporation



2017 Wildlife Sightings Report for the Lower Churchill Project

Nalcor Doc. No. LCP-PT-MD-0000-EV-RP-0028-01

Comments:	Total # of Pages: (Including Cover): 99
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B1	22-Jan-17	Issued for Use	 L. Fudge	 D. Haley	 D. Green	 S. O'Brien
Status / Revision	Date	Reason for Issue	Prepared by	Functional Manager Approval	Quality Assurance Approval	Project Manager Approval ¹

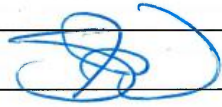
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Additional Approvals

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1 PURPOSE

The purpose of this Wildlife Sightings Report is to provide a summary of wildlife sightings and interactions with the Lower Churchill Hydroelectric Generation Project (including Muskrat Falls Generation and Labrador Transmission Asset [LTA]) and the Labrador-Island Transmission Link (L-ITL) for 2017. This is to comply with commitments made in various Protection and Environmental Effects Monitoring Plans (PEEMPs) for both the Generation and Transmission projects. These PEEMPs include:

- L-ITL Furbearers and Small Mammals Protection and Environmental Effects Monitoring Plan
- L-ITL Caribou Protection and Environmental Effects Monitoring Plan
- Lower Churchill Project (LCP) Black Bear Protection and Environmental Effects Monitoring Plan
- LCP Caribou Protection and Environmental Effects Monitoring Plan
- LCP Furbearers Protection and Environmental Effects Monitoring Plan
- LCP Moose Protection and Environmental Effects Monitoring Plan

2 SCOPE

As stated in the above listed PEEMPs, the On-Site Environmental Monitor (OSEM) is responsible for tracking wildlife sightings and encounters. Sightings, interactions and consequences that relate to furbearers, caribou, black bear and moose encounters during construction, have been recorded and are presented in a tabular format with the following information (as available):

- Date
- Time
- Location (UTM or lats/longs or other description)
- Interaction type – brief description of the type of interaction: sighting, human/animal conflict, vehicle/animal conflict
- Furbearer species details – sex, age, behavior at the time of the interaction
- Interaction details – explanation of the nature of the interaction
- Issue resolution – explanation of the action(s) undertaken to resolve the interaction

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- Interaction consequence – description of the outcome (animal was scared away; animal was killed)
- Additional actions undertaken – details of actions undertaken (e.g., no additional actions required; report sent to Wildlife Division) and notes on regulatory compliance

3 ABBREVIATIONS & ACRONYMS

EIS	Environmental Impact Statement
EMP	Environmental Management Plan
EPP	Environmental Protection Plan
DNR	Department of Natural Resources
LCP	Lower Churchill Project
L-ITL	Labrador-Island Transmission Link
LTA	Labrador Transmission Asset
NE	Nalcor Energy
NL	Newfoundland and Labrador
NLDMAE	Newfoundland and Labrador Department of Municipal Affairs and Environment
OSEM	On-Site Environmental Monitor
PEEMP	Protection and Environmental Effects Monitoring Plan
ROW	Right of Way

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4 REFERENCE DOCUMENTS

ILK-PT-MD-0000-EV-PL-0005-01	L-ITL Furbearers and Small Mammals Protection and Environmental Effects Monitoring Plan
ILK-PT-MD-0000-EV-PL-0004-01	L-ITL Caribou Protection and Environmental Effects Monitoring Plan
LCP-PT-MD-0000-EV-PL-0006-01	LCP Black Bear Protection and Environmental Effects Monitoring Plan
LCP-PT-MD-0000-EV-PL-0005-01	LCP Caribou Protection and Environmental Effects Monitoring Plan
LCP-PT-MD-0000-EV-PL-0016-01	LCP Furbearers Protection and Environmental Effects Monitoring Plan
LCP-PT-MD-0000-EV-PL-0012-01	LCP Moose Protection and Environmental Effects Monitoring Plan
LCP-PT-ED-0000-EA-SY-0001-01	Environmental Impact Statement and Supporting Documentation for the Lower Churchill Hydroelectric Generation Project
LCP-PT-ED-0000-EA-SY-0002-01	Environmental Impact Statement and Supporting Documentation for the Labrador-Island Transmission Link

5 PROJECT DESCRIPTION

5.1 MUSKRAT FALLS GENERATION

The Muskrat Falls Generation Project (see Figure 5-1) will include:

- 22 km of access roads, including upgrading and new construction, and temporary bridges;
- A 1,500 person accommodations complex (for the construction period);
- A north roller compacted concrete overflow dam;
- A south rock fill dam;

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- River diversion during construction via the spillway;
- Five (5) vertical gate spillway;
- Reservoir preparation and reservoir clearing;
- Replacement fish and of terrestrial habitat;
- North spur stabilization works;
- A close coupled intake and powerhouse, including:
- Four (4) intakes with gates and trash racks;
- Four (4) turbine/generator units at approximately 206 MW each with associated ancillary electrical/mechanical and protection/control equipment;
- Five (5) power transformers (includes 1 spare), located on the draft tube deck of the powerhouse; and
- Two (2) overhead cranes each rated at 450 Tonnes

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Figure 5-1 Muskrat Falls Generating Facility

5.2 LABRADOR TRANSMISSION ASSET (LTA)

The LTA consists of the ac transmission line system from Churchill Falls to Muskrat Falls (see Figure 5-2), specifically:

- Churchill Falls switchyard extension;
- Muskrat Falls switchyard;
- Transmission lines from Muskrat Falls to Churchill Falls: double-circuit 315 kV ac, 3 phase lines, double bundle conductor, Single circuit galvanized lattice steel guyed suspension and rigid angle towers; 247 km long; and
- 735 kV Transmission Line at Churchill Falls interconnecting the existing and the new Churchill Falls switchyards

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Figure 5-2 Labrador Transmission Asset

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5.3 LABRADOR-ISLAND TRANSMISSION LINK (LITL)

The Labrador –Island Transmission Link consists of a ± 350 kilovolt (kV) High Voltage direct current (HVdc) electricity transmission system from Central Labrador to the Avalon Peninsula on the Island of Newfoundland (the Island) (Figure 5-3).

The transmission system will include the following key components:

- An alternating current (ac) to direct current (dc) converter station at Muskrat Falls;
- Approximately 400 km overhead HVdc transmission line from Muskrat Falls to Forteau Point;
- A 60 m wide Right Of Way (ROW);
- Three, approximately 35 km long, submarine cables across the Strait of Belle Isle (SOBI) (i.e., between Forteau Point and Shoal Cove), with associated onshore infrastructure (transition compounds and land cables at both cable landings);
- Approximately 700 km of overhead HVdc transmission line from Shoal Cove to the Avalon Peninsula;
- A dc to ac converter station at Soldiers Pond;
- Shoreline electrodes at L’Anse au Diable and Dowden’s Point,
- An overhead, wood pole electrode line
 - Near Forteau Point and L’Anse au Diable; and
 - Between Soldiers Pond and Dowden’s Point.

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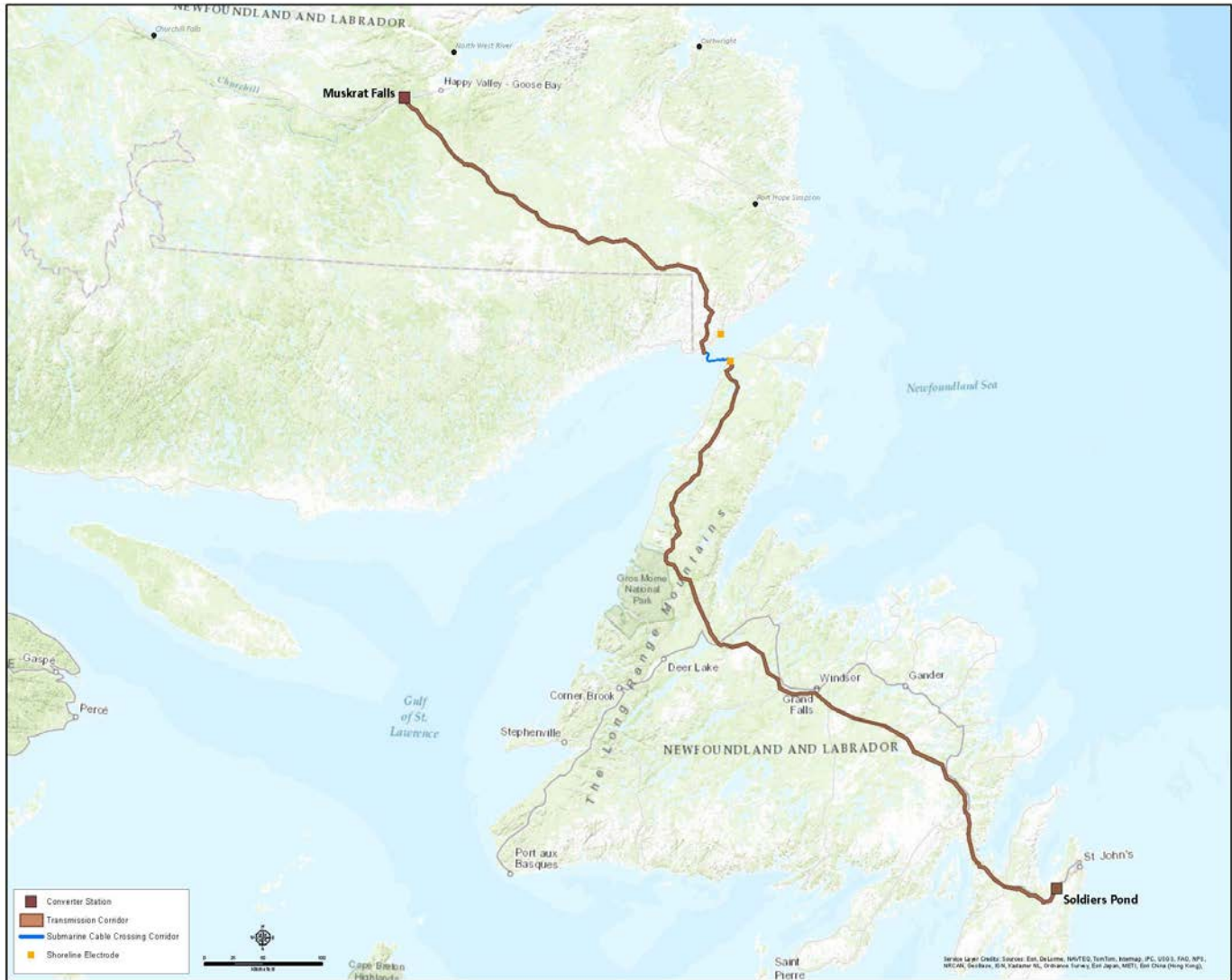


Figure 5-3 Labrador-Island Transmission Link

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6 WILDLIFE SIGHTINGS AND INTERACTIONS

6.1 MOOSE

6.1.1 Lower Churchill Hydroelectric Generation Project

There were 25 moose sightings for the Lower Churchill Hydroelectric Generation Project in 2017.

Table 6-1 Moose Sightings and Interactions for the Lower Churchill Hydroelectric Generation Project in 2017

Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
4-Jan-2017	HVac Generation Site (CH0052-002)	TLH	n/a	n/a	n/a	No additional actions required	n/a
9-Jan-2017	HVac Generation Site (CH0052-002)	Near EBC	n/a	n/a	n/a	No additional actions required	Moose Tracks observed
2-Feb-2017	HVac Generation Site (CH0052)	KM 476 of TLH 500	n/a	n/a	n/a	No additional actions required	n/a
24-Feb-2017	HVac Generation Site (CH0052)	TLH 500 near 476 marker	n/a	n/a	n/a	No additional actions required	Three moose observed
7-Mar-2017	HVac Generation Site	Accommodations Complex, access road	n/a	n/a	n/a	No additional actions required	Two moose observed
5-May-2017	HVac Generation Site	Mackenzie River	n/a	n/a	n/a	No additional actions required	Two moose observed

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
6-May-2017	HVac Generation Site	Mackenzie River	n/a	n/a	n/a	No additional actions required	Two moose observed
9-May-2017	HVac Generation Site	Company Laydown	n/a	n/a	n/a	No additional actions required	Two moose observed
10-May-2017	HVac Generation Site	Mackenzie River	n/a	n/a	n/a	No additional actions required	Two moose observed
23-May-2017	HVac Generation Site (CH0009)	Laydown LD-12	n/a	n/a	n/a	No additional actions required	n/a
26-May-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a
1-Jun-2017	HVac Generation Site	Intersection of SSAR & Accommodations Complex Access Road	n/a	n/a	n/a	No additional actions required	n/a
4-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a
4-Jun-2017	HVac Generation Site	Laydown LD-10	n/a	n/a	n/a	No additional actions required	n/a
5-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	Moose Calf
8-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	Two moose observed

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
9-Jun-2017	HVac Generation Site (CH0009)	Laydown LD-12	n/a	n/a	n/a	No additional actions required	n/a
11-Jun-2017	HVac Generation Site	KM18, SSAR	n/a	n/a	n/a	No additional actions required	Moose and two calves
17-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a
18-Jun-2017	HVac Generation Site (CH0009)	GD8 Access Road	n/a	n/a	n/a	No additional actions required	n/a
27-Jun-2017	HVac Generation Site	KM18, SSAR	n/a	n/a	n/a	No additional actions required	Five moose observed
28-Jun-2017	HVac Generation Site	KM17.5, SSAR	n/a	n/a	n/a	No additional actions required	Two moose observed
3-Jul-2017	HVac Generation Site (CH0008)	Upstream Embankment	n/a	n/a	n/a	No additional actions required	Two moose observed
20-Jul-2017	HVac Generation Site	KM16.5, SSAR	n/a	n/a	n/a	No additional actions required	n/a
5-Oct-2017	HVac Generation Site	KM22, SSAR, across from Laydown LD-13	n/a	n/a	n/a	No additional actions required	n/a

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6.1.2 Labrador – Island Transmission Link

There were 150 moose sightings reported for the Labrador-Island Transmission Link in 2017.

Table 6-2 Moose Sightings and Interactions for the Labrador-Island Transmission Link in 2017

Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
7-Jan-2017	HVdc line (CH0327-001)	3 km West of Birchy Narrows Camp	n/a	n/a	n/a	No additional actions required	Two moose spotted
12-Jan-2017	HVdc line (CH0327-001)	3 km south of Beaver Brook access road	n/a	n/a	n/a	No additional actions required	Two moose spotted
2-Feb-2017	HVdc line (CH0327-001)	KM1 Eastern Arm Access Road	n/a	n/a	n/a	No additional actions required	A single moose was sighted at KM1 Eastern Arm access road. It stayed on the road until KM2 where it exited into the woods on the south side
15-Feb-2017	HVdc line (CH0327-001)	S4-144	n/a	n/a	n/a	No additional actions required	Two moose spotted
15-Mar-2017	HVdc line (CH0327-001)	S5-479	n/a	n/a	n/a	No additional actions required	n/a
8-Apr-2017	HVdc line (CH0327-001)	KM5 Round Pond Access	n/a	n/a	n/a	No additional actions required	Cow and a Calf were sighted.

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
9-Apr-2017	HVdc line (CH0327-001)	KM16 Shoal Cove Access	n/a	n/a	n/a	No additional actions required	Cow and a Calf were sighted.
12-Apr-2017	HVdc line (CH0327-001)	Rt 510 Str S1-112	n/a	n/a	n/a	No additional actions required	n/a
3-May-2017	HVdc line (CH0327-001)	Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	Two moose spotted
7-May-2017	HVdc line (CH0327-001)	S3-268	n/a	n/a	n/a	No additional actions required	Cow and a Calf were sighted.
8-May-2017	HVdc line (CH0327-001)	S3-621; km60 on Eagle Mt. road	n/a	n/a	n/a	No additional actions required	n/a
9-May-2017	HVdc line (CH0327-001)	S4-053	n/a	n/a	n/a	No additional actions required	Two moose spotted
10-May-2017	HVdc line (CH0327-001)	S3-267	n/a	n/a	n/a	No additional actions required	Cow and a Calf were sighted.
13-May-2017	HVdc line (CH0327-001)	S3-677	n/a	n/a	n/a	No additional actions required	n/a
14-May-2017	HVdc line (CH0327-024)	Batteau Barrens	n/a	n/a	n/a	No additional actions required	A total of 7 moose were sighted in Batteau Barrens - 3 at KM29, 3 at KM28.5 and 1 at KM27

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
15-May-2017	HVdc line (CH0327-001)	S4-238-S4-239	n/a	n/a	n/a	No additional actions required	n/a
17-May-2017	HVdc line (CH0327-001)	S1-3	n/a	n/a	n/a	No additional actions required	n/a
20-May-2017	HVdc line (CH0327-001)	Mooney Block Access	n/a	n/a	n/a	No additional actions required	n/a
22-May-2017	HVdc line (CH0327-001)	S3-389 & S3-390	n/a	n/a	n/a	No additional actions required	Four moose were sighted in the ROW between S3-389 and S3-390.
22-May-2017	HVdc line (CH0327-001)	KM26 Batteau Barrens South Access	n/a	n/a	n/a	No additional actions required	Calf observed
23-May-2017	HVdc line (CH0327-001)	KM11 of East River access	n/a	n/a	n/a	No additional actions required	n/a
24-May-2017	HVdc line (CH0327-001)	KM10.5 of East River access	n/a	n/a	n/a	No additional actions required	Three moose observed
25-May-2017	HVdc line (CH0327-001)	East River access	n/a	n/a	n/a	No additional actions required	Six moose were observed at the following locations: 2 at KM5.5, 1 at KM8.5, 1 at KM10, 1 at KM11.5, and 1 at KM12.
25-May-2017	Completions	Eagle Camp	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
26-May-2017	HVdc line (CH0327-001)	S5-9	n/a	n/a	n/a	No additional actions required	n/a
28-May-2017	HVdc line (CH0327-024)	Bateau Barrens South	n/a	n/a	n/a	No additional actions required	Seven moose observed
29-May-2017	HVdc line (CH0327-001)	S4-206	n/a	n/a	n/a	No additional actions required	n/a
29-May-2017	HVdc line (CH0327-001)	KM29 Sunday Pond Rd	n/a	n/a	n/a	No additional actions required	n/a
29-May-2017	HVdc line (CH0327-001)	Bateau Barrens South	n/a	n/a	n/a	No additional actions required	Eleven individuals observed: one at KM19, one at KM22.5, three at KM35, one in the ROW near S3-385, one at KM26, one calf at KM35.5, one at KM36, two at KM37
30-May-2017	HVdc line (CH0327-001)	KM6 on Paradise Rd	n/a	n/a	n/a	No additional actions required	n/a
30-May-2017	HVdc line (CH0327-001)	KM22 Bateau Barrens North	n/a	n/a	n/a	No additional actions required	n/a
30-May-2017	HVdc line (CH0327-001)	Bateau Barrens South	n/a	n/a	n/a	No additional actions required	Seven moose observed: two in the ROW near S3-403, one in the ROW near S3-401, two at Quarry S3-393, one near KM26

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
31-May-2017	HVdc line (CH0327-001)	Batteau Barrens	n/a	n/a	n/a	No additional actions required	Four moose observed. One near KM0.5 of Batteau Barrens Road, one near KM25.5 of Batteau Barrens South access, one near KM67 of Eagle Mountain Road, one near KM26
1-Jun-2017	HVdc line (CH0327-001)	Sheffield Access Rd	n/a	n/a	n/a	No additional actions required	Four moose observed.
2-Jun-2017	HVdc line (CH0327-001)	Camp 172 access road	n/a	n/a	n/a	No additional actions required	Three moose observed.
2-Jun-2017	HVdc line (CH0327-001)	Batteau Barrens South	n/a	n/a	n/a	No additional actions required	Two moose were sighted at KM33 and KM33.5 Batteau Barrens South
3-Jun-2017	HVdc line (CH0327-001)	KM19 Sunday Pond Rd.	n/a	n/a	n/a	No additional actions required	n/a
3-Jun-2017	HVdc line (CH0327-001)	Goodyear's pond Rd between KM21-22	n/a	n/a	n/a	No additional actions required	n/a
4-Jun-2017	HVdc line (CH0327-001)	KM7 Taylor's Brook Access Rd.	n/a	n/a	n/a	No additional actions required	n/a
5-Jun-2017	HVdc line (CH0327-029)	KM12 Sunday Pond Rd.	n/a	n/a	n/a	No additional actions required	Two moose observed

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
5-Jun-2017	HVdc line (CH0327-001)	Batteau South	n/a	n/a	n/a	No additional actions required	n/a
6-Jun-2017	HVdc line (CH0327-001)	KM12 on Sunday Pond Rd	n/a	n/a	n/a	No additional actions required	Two moose observed
7-Jun-2017	HVdc line (CH0327-001)	KM22 Goodyear's Cove access road.	n/a	n/a	n/a	No additional actions required	n/a
7-Jun-2017	HVdc line (CH0327-001)	Between KM40 & 41 on the Beaver Brook access road	n/a	n/a	n/a	No additional actions required	n/a
7-Jun-2017	HVdc line (CH0327-024)	KM37.5 Batteau Barrens South access road	n/a	n/a	n/a	No additional actions required	n/a
9-Jun-2017	HVdc line (CH0327-001)	Eagle Mountain Rd	n/a	n/a	n/a	No additional actions required	Two moose were sighted along Eagle Mountain Road: one at KM34 and one at KM24.5.
10-Jun-2017	HVdc line (CH0327-001)	Dawe's Pond Rd	n/a	n/a	n/a	No additional actions required	n/a
11-Jun-2017	HVdc line (CH0327-001)	S5-403	n/a	n/a	n/a	No additional actions required	n/a
12-Jun-2017	HVdc line (CH0327-001)	KM8 Thorburn Lake	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
12-Jun-2017	HVdc line (CH0327-010)	S1-115	n/a	n/a	n/a	No additional actions required	Cow and Calf observed
12-Jun-2017	HVdc line (CH0327-001)	Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	A moose was sighted near KM33 on Taylor's Brook Road. Two more moose were sighted at KM31 and KM30
15-Jun-2017	HVdc line (CH0327-001)	S5-608	n/a	n/a	n/a	No additional actions required	Cow and Calf observed
15-Jun-2017	HVdc line (CH0327-001)	ROW S3-467	n/a	n/a	n/a	No additional actions required	n/a
16-Jun-2017	HVdc line (CH0327-001)	S4-485 on Sunday Pond Rd	n/a	n/a	n/a	No additional actions required	n/a
16-Jun-2017	HVdc line (CH0327-024)	KM55 of Batteau Barrens South	n/a	n/a	n/a	No additional actions required	n/a
16-Jun-2017	HVdc line (CH0327-001)	Camp 172 Access Rd	n/a	n/a	n/a	No additional actions required	n/a
17-Jun-2017	HVdc line (CH0327-001)	S4-093	n/a	n/a	n/a	No additional actions required	Cow and Calf observed
17-Jun-2017	HVdc line (CH0327-001)	KM27 Taylor's Brook access road	n/a	n/a	n/a	No additional actions required	n/a

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17-Jun-2017	HVdc line (CH0327-001)	KM57 Eagle Mountain access	n/a	n/a	n/a	No additional actions required	n/a
20-Jun-2017	HVdc line (CH0327-001)	S4-050	n/a	n/a	n/a	No additional actions required	n/a
20-Jun-2017	HVdc line (CH0327-001)	KM21 Taylor's Brook Access Rd.	n/a	n/a	n/a	No additional actions required	n/a
21-Jun-2017	HVdc line (CH0327-001)	KM50.5 of Eagle Mountain	n/a	n/a	n/a	No additional actions required	n/a
21-Jun-2017	HVdc line (CH0327-001)	S3-549	n/a	n/a	n/a	No additional actions required	n/a
23-Jun-2017	HVdc line (CH0327-024)	Between S3-391 & S3-392	n/a	n/a	n/a	No additional actions required	n/a
23-Jun-2017	HVdc line (CH0327-024)	S3-400	n/a	n/a	n/a	No additional actions required	n/a
23-Jun-2017	HVdc line (CH0327-024)	S3-409	n/a	n/a	n/a	No additional actions required	Two individuals observed
24-Jun-2017	HVdc line (CH0327-001)	S3-419	n/a	n/a	n/a	No additional actions required	Cow and calf observed

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24-Jun-2017	HVdc line (CH0327-001)	S3-420	n/a	n/a	n/a	No additional actions required	n/a
27-Jun-2017	HVdc line (CH0327-001)	KM23 Batteau Barrens Access Rd.	n/a	n/a	n/a	No additional actions required	n/a
27-Jun-2017	HVdc line (CH0327-001)	KM32 on Larsens Falls	n/a	n/a	n/a	No additional actions required	n/a
28-Jun-2017	HVdc line (CH0327-001)	KM52 on Larsens Falls	n/a	n/a	n/a	No additional actions required	n/a
28-Jun-2017	HVdc line (CH0327-001)	S5-230	n/a	n/a	n/a	No additional actions required	n/a
4-Jul-2017	HVdc line (CH0327-001)	KM39-40 Larson's Falls Rd.	n/a	n/a	n/a	No additional actions required	n/a
6-Jul-2017	HVdc line (CH0327-001)	Batteau Barrens Road.	n/a	n/a	n/a	No additional actions required	A moose was sighted near KM28.5 of Batteau Barrens Road. Another was sighted at KM19.5.
8-Jul-2017	HVdc line (CH0327-001)	KM38 Terra Nova Rd	n/a	n/a	n/a	No additional actions required	n/a
9-Jul-2017	HVdc line (CH0327-001)	KM41 Beaver Brook Rd	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
11-Jul-2017	HVdc line (CH0327-001)	KM28 of Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
11-Jul-2017	HVdc line (CH0327-001)	WCd-304a	n/a	n/a	n/a	No additional actions required	Cow and calf observed
12-Jul-2017	HVdc line (CH0327-001)	Deadwolf Access	n/a	n/a	n/a	No additional actions required	Moose observed at KM41 Larsons Falls and a Caribou observed at KM37 Deadwolf Access Rd.
14-Jul-2017	HVdc line (CH0327-001)	Batteau barrens KM6	n/a	n/a	n/a	No additional actions required	n/a
15-Jul-2017	HVdc line (CH0327-001)	S3-404	n/a	n/a	n/a	No additional actions required	n/a
18-Jul-2017	HVdc line (CH0327-001)	KM17 Batteau Barrens Access Rd	n/a	n/a	n/a	No additional actions required	n/a
21-Jul-2017	HVdc line (CH0327-001)	KM80.5 Eagle Mounatin Rd	n/a	n/a	n/a	No additional actions required	Two moose observed
27-Jul-2017	HVdc line (CH0327-001)	KM18 Batteau Barrens	n/a	n/a	n/a	No additional actions required	Two moose observed
28-Jul-2017	HVdc line (CH0327-001)	S3-565	n/a	n/a	n/a	No additional actions required	n/a

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28-Jul-2017	HVdc line (CH0327-001)	KM12.5 Taylor's Brook access road	n/a	n/a	n/a	No additional actions required	n/a
30-Jul-2017	HVdc line (CH0327-001)	S3-583	n/a	n/a	n/a	No additional actions required	n/a
6-Aug-2017	HVdc line (CH0327-001)	L3501-1651	n/a	n/a	n/a	No additional actions required	n/a
9-Aug-2017	HVdc line (CH0327-001)	S4-628 on Terra Nova Rd	n/a	n/a	n/a	No additional actions required	n/a
11-Aug-2017	HVdc line (CH0327-001)	S3-588	n/a	n/a	n/a	No additional actions required	n/a
14-Aug-2017	HVdc line (CH0327-001)	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Two moose observed
14-Aug-2017	HVdc line (CH0327-001)	S5-188	n/a	n/a	n/a	No additional actions required	n/a
14-Aug-2017	HVdc line (CH0327-001)	KM2 Mile Pond access road	n/a	n/a	n/a	No additional actions required	n/a
18-Aug-2017	HVdc line (CH0327-001)	KM15 of Squid Cove Road	n/a	n/a	n/a	No additional actions required	n/a

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19-Aug-2017	HVdc line (CH0327-001)	KM12.5 of Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
21-Aug-2017	HVdc line (CH0327-001)	S3-446	n/a	n/a	n/a	No additional actions required	n/a
21-Aug-2017	HVdc line (CH0327-001)	S3-407	n/a	n/a	n/a	No additional actions required	n/a
22-Aug-2017	HVdc line (CH0327-001)	KM29 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
28-Aug-2017	HVdc line (CH0342-002)	1 km in Bake Apple Road	n/a	n/a	n/a	No additional actions required	Two moose observed
29-Aug-2017	HVdc line (CH0327-001)	KM56.2 Eagle Mountain Road	n/a	n/a	n/a	No additional actions required	Cow and calf observed
3-Sep-2017	HVdc line (CH0327-001)	Hamden Highway Clam Pound South	n/a	n/a	n/a	No additional actions required	Two moose observed
6-Sep-2017	HVdc line (CH0327-001)	KM39.5 Batteau Barrens North	n/a	n/a	n/a	No additional actions required	n/a
12-Sep-2017	HVdc line (CH0327-001)	KM13 Batteau Barrens North	n/a	n/a	n/a	No additional actions required	n/a

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16-Sep-2017	HVdc line (CH0327-001)	S1-681	n/a	n/a	n/a	No additional actions required	n/a
16-Sep-2017	HVdc line (CH0327-001)	3 km West of Hampton Junction	n/a	n/a	n/a	No additional actions required	Two moose observed
17-Sep-2017	HVdc line (CH0327-024)	KM36 and KM19 Batteau Barrens	n/a	n/a	n/a	No additional actions required	Several moose observed
19-Sep-2017	HVdc line (CH0327-001)	KM60 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
20-Sep-2017	HVdc line (CH0327-001)	S3-523	n/a	n/a	n/a	No additional actions required	n/a
21-Sep-2017	HVdc line (CH0342-002)	Hill overlooking L'Anse au Diable	n/a	n/a	n/a	No additional actions required	n/a
22-Sep-2017	HVdc line (CH0327-001)	KM40 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
24-Sep-2017	HVdc line (CH0327-015)	S3-603	n/a	n/a	n/a	No additional actions required	n/a
26-Sep-2017	HVdc line (CH0327-001)	S5-483	n/a	n/a	n/a	No additional actions required	n/a

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29-Sep-2017	HVdc line (CH0327-001)	KM70 to 71 Forteau Road South	n/a	n/a	n/a	No additional actions required	Two moose observed
30-Sep-2017	HVdc line (CH0327-001)	KM32 Batteau Barrens South	n/a	n/a	n/a	No additional actions required	n/a
5-Oct-2017	HVdc line (CH0327-001)	KM8 Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	n/a
7-Oct-2017	HVdc line (CH0327-001)	KM5 Squid Cove Road	n/a	n/a	n/a	No additional actions required	Two moose observed
8-Oct-2017	HVdc line (CH0327-001)	S2-434	n/a	n/a	n/a	No additional actions required	n/a
9-Oct-2017	HVdc line (CH0327-001)	KM3 Voyin's Brook	n/a	n/a	n/a	No additional actions required	n/a
10-Oct-2017	HVdc line (CH0327-001)	KM30 Batteau Barrens	n/a	n/a	n/a	No additional actions required	Two moose observed
10-Oct-2017	HVdc line (CH0327-001)	KM25.5 Batteau Barrens	n/a	n/a	n/a	No additional actions required	n/a
12-Oct-2017	HVdc line (CH0327-001)	Camp 172 Access Road	n/a	n/a	n/a	No additional actions required	n/a

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12-Oct-2017	HVdc line (CH0327-001)	KM34.5 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Four moose observed
12-Oct-2017	HVdc line (CH0327-001)	S3-411	n/a	n/a	n/a	No additional actions required	n/a
13-Oct-2017	HVdc line (CH0327-001)	KM11.5 Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	n/a
13-Oct-2017	HVdc line (CH0327-001)	KM42.5 Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	n/a
14-Oct-2017	HVdc line (CH0327-001)	KM30 Camp 172 Road	n/a	n/a	n/a	No additional actions required	n/a
14-Oct-2017	HVdc line (CH0327-001)	KM14 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
14-Oct-2017	HVdc line (CH0327-001)	Bypass Road Near Quarry S3-401	n/a	n/a	n/a	No additional actions required	n/a
14-Oct-2017	HVdc line (CH0327-001)	S3-402	n/a	n/a	n/a	No additional actions required	Four moose observed
15-Oct-2017	HVdc line (CH0327-001)	KM30 Camp 172 Road	n/a	n/a	n/a	No additional actions required	Two moose observed

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15-Oct-2017	HVdc line (CH0327-001)	S3-406	n/a	n/a	n/a	No additional actions required	n/a
15-Oct-2017	HVdc line (CH0327-001)	KM17 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
16-Oct-2017	HVdc line (CH0327-001)	S3-402	n/a	n/a	n/a	No additional actions required	n/a
17-Oct-2017	HVdc line (CH0327-001)	KM2 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
18-Oct-2017	HVdc line (CH0327-001)	KM25 Camp 172 Access Road	n/a	n/a	n/a	No additional actions required	n/a
19-Oct-2017	HVdc line (CH0327-001)	KM25 Camp 172 Access Road	n/a	n/a	n/a	No additional actions required	n/a
19-Oct-2017	HVdc line (CH0327-001)	S4-034	n/a	n/a	n/a	No additional actions required	n/a
20-Oct-2017	HVdc line (CH0327-001)	KM5.5 Sandy Cove Road	n/a	n/a	n/a	No additional actions required	Cow and Calf observed
20-Oct-2017	HVdc line (CH0327-001)	KM13 Sheffield Lake Access Road	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
23-Oct-2017	HVdc line (CH0327-001)	KM11 Sandy Road	n/a	n/a	n/a	No additional actions required	Two moose observed
24-Oct-2017	HVdc line (CH0327-001)	KM36 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
26-Oct-2017	HVdc line (CH0327-001)	S4-359	n/a	n/a	n/a	No additional actions required	Three female moose sighted
27-Oct-2017	HVdc line (CH0327-001)	KM7 Squid Cove Road	n/a	n/a	n/a	No additional actions required	n/a
28-Oct-2017	HVdc line (CH0327-001)	Between KM2 and KM6 Round Pond	n/a	n/a	n/a	No additional actions required	Five moose sighted
29-Oct-2017	HVdc line (CH0327-001)	5 km South of Plum Point	n/a	n/a	n/a	No additional actions required	Cow and calf observed
29-Oct-2017	HVdc line (CH0327-001)	KM36 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
4-Nov-2017	HVdc line (CH0327-001)	KM12 East River South Access	n/a	n/a	n/a	No additional actions required	n/a
9-Nov-2017	HVdc line (CH0327-001)	S5-100	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
10-Nov-2017	HVdc line (CH0327-001)	S5-90	n/a	n/a	n/a	No additional actions required	n/a
15-Nov-2017	HVdc line (CH0327-001)	KM20.5 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a

6.2 BLACK BEAR

6.2.1 Lower Churchill Hydroelectric Generation Project

There were 162 black bear sightings for the Lower Churchill Hydroelectric Generation Project in 2017.

Table 6-3 Black Bear Sightings and Interactions for the Lower Churchill Hydroelectric Generation Project in 2017

Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
14-Apr-2017	HVac Generation Site	KM14, South Side Access Road (SSAR)	n/a	n/a	n/a	No additional actions required	n/a
25-Apr-2017	HVac Generation Site	KM6, SSAR	n/a	n/a	n/a	No additional actions required	n/a
18-May-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
19-May-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a
24-May-2017	HVac Generation Site	KM18, SSAR	n/a	n/a	n/a	No additional actions required	n/a
3-Jun-2017	HVac Generation Site	KM13.5, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear Cub
3-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear & 3 Cubs
4-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear & 3 Cubs
5-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear & 3 Cubs
8-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear & 3 Cubs
9-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear & 3 Cubs
10-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
12-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a
12-Jun-2017	HVac Generation Site (CH0009)	LD-12	n/a	n/a	n/a	No additional actions required	n/a
12-Jun-2017	HVac Generation Site (CH0009)	GD8	n/a	n/a	n/a	No additional actions required	n/a
13-Jun-2017	HVac Generation Site (CH0007)	Maintenance Area	n/a	n/a	n/a	No additional actions required	n/a
14-Jun-2017	HVac Generation Site	SSAR, across from LCP Laydown area	n/a	n/a	n/a	No additional actions required	n/a
18-Jun-2017	HVac Generation Site	Accommodations Complex	n/a	n/a	n/a	No additional actions required	n/a
18-Jun-2017	HVac Generation Site (CH0009)	LD-12, near tree line	n/a	n/a	n/a	No additional actions required	n/a
18-Jun-2017	CD0502 Churchill Falls	Passed through site	n/a	n/a	n/a	No additional actions required	n/a
19-Jun-2017	HVac Generation Site	KM16.5, SSAR	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
19-Jun-2017	HVac Generation Site	Accommodations Complex	n/a	n/a	n/a	No additional actions required	Black Bear and one cub
19-Jun-2017	HVac Generation Site	GD11 Access Road	n/a	n/a	n/a	No additional actions required	Black Bear and one cub
20-Jun-2017	HVac Generation Site	KM11.5, SSAR	n/a	n/a	n/a	No additional actions required	n/a
20-Jun-2017	HVac Generation Site	KM21, SSAR	n/a	n/a	n/a	No additional actions required	n/a
20-Jun-2017	HVac Generation Site	Accommodations Complex, access road	n/a	n/a	Bear Bangers employed	No additional actions required	n/a
21-Jun-2017	HVac Generation Site	North of KDR	n/a	n/a	Live Trap Set	Bear removed by DNR	n/a
21-Jun-2017	HVac Generation Site	Tree line along North of KDR	n/a	n/a	n/a	No additional actions required	n/a
22-Jun-2017	HVac Generation Site	Laydown LD-9	n/a	n/a	n/a	No additional actions required	Black Bear and 3 cubs
23-Jun-2017	HVac Generation Site	Company Laydown area	n/a	n/a	n/a	No additional actions required	Black Bear and 3 cubs

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
24-Jun-2017	HVac Generation Site	Company Laydown area	n/a	n/a	n/a	No additional actions required	Black Bear and 3 cubs
25-Jun-2017	HVac Generation Site	Company Laydown area	n/a	n/a	n/a	No additional actions required	Black Bear and 3 cubs
25-Jun-2017	HVac Generation Site	Company Laydown area	n/a	n/a	n/a	No additional actions required	Black Bear and 1 cub
26-Jun-2017	HVac Generation Site	KM19.5, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear and 3 cubs
26-Jun-2017	HVac Generation Site	KM21, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear and 1 cub
27-Jun-2017	HVac Generation Site	Company Laydown area, near trailers	n/a	n/a	Horn and Bear Bangers employed	No additional actions required	Black Bear cub
28-Jun-2017	HVac Generation Site	Company Laydown area	n/a	n/a	n/a	No additional actions required	n/a
28-Jun-2017	HVac Generation Site	Laydown LD-10	n/a	n/a	n/a	No additional actions required	Black bear and 1 cub
28-Jun-2017	CD0501 Muskrat Falls	West side of Converter Yard along tree line	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
29-Jun-2017	HVac Generation Site	GD11	n/a	n/a	n/a	No additional actions required	Black bear cub
30-Jun-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a
30-Jun-2017	HVac Generation Site	Company Laydown area	n/a	n/a	n/a	No additional actions required	n/a
30-Jun-2017	HVac Generation Site	KM11, SSAR	n/a	n/a	n/a	No additional actions required	n/a
30-Jun-2017	HVac Generation Site	Accommodations Complex	n/a	n/a	n/a	No additional actions required	n/a
1-Jul-2017	HVac Generation Site	Accommodations Complex, access road	n/a	n/a	Horn and bear bangers employed	No additional actions required	Black Bear and three cubs
1-Jul-2017	HVac Generation Site	Laydown LD-9	n/a	n/a	n/a	No additional actions required	Black bear cub
2-Jul-2017	HVac Generation Site	Company Laydown area	n/a	n/a	Bear horn employed	No additional actions required	Black Bear and three cubs
2-Jul-2017	HVac Generation Site	KM17.5, SSAR	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
2-Jul-2017	HVac Generation Site	Laydown LD-12-1	n/a	n/a	n/a	No additional actions required	Black bear cub
3-Jul-2017	HVac Generation Site	Company Laydown area	n/a	n/a	Live trapped inside Pardy's dump truck	No additional actions required	Black bear cub
3-Jul-2017	HVac Generation Site	KM16, SSAR	n/a	n/a	n/a	No additional actions required	Black Bear and three cubs
3-Jul-2017	HVac Generation Site	Laydown LD-10	n/a	n/a	n/a	No additional actions required	n/a
3-Jul-2017	HVac Generation Site	Laydown LD-12	n/a	n/a	n/a	No additional actions required	Black bear and 1 cub
3-Jul-2017	HVac Generation Site	Laydown LD-10	n/a	n/a	n/a	No additional actions required	Night shift
3-Jul-2017	HVac Generation Site (CH0009)	Batch Plant at Laydown B1	n/a	n/a	n/a	No additional actions required	Night shift
3-Jul-2017	CD0501 Muskrat Falls	DC laydown yard	n/a	n/a	n/a	No additional actions required	n/a
3-Jul-2017	CD0501 Muskrat Falls	Contractor Trailer area	n/a	n/a	n/a	No additional actions required	Night shift

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
4-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12, trailer area	n/a	n/a	n/a	No additional actions required	Night shift; two bears observed
4-Jul-2017	CD0501 Muskrat Falls	SE corner of Converter Yard	n/a	n/a	Bear horns sounded, not effective. Live trap set.	No additional actions required	n/a
4-Jul-2017	CD0501 Muskrat Falls	Food waste bin	n/a	n/a	Bear horns sounded.	No additional actions required	n/a
4-Jul-2017	CD0501 Muskrat Falls	G.E. Laydown and Carpenter laydown	n/a	n/a	Bear horns sounded.	No additional actions required	Three individuals observed
4-Jul-2017	CD0502 Muskrat Falls	AC Switchyard	n/a	n/a	Bear horns sounded.	No additional actions required	Three individuals observed
5-Jul-2017	CD0501 Muskrat Falls	Converter Yard	n/a	n/a	Two live traps set	No additional actions required	Three individuals observed
5-Jul-2017	HVac Generation Site (CH0009)	Main office laydown area	n/a	n/a	n/a	No additional actions required	n/a
5-Jul-2017	HVac Generation Site (CH0009)	Batch Plant at Laydown B1	n/a	n/a	n/a	No additional actions required	Three bears observed
5-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12, food waste bin	n/a	n/a	n/a	No additional actions required	Black bear and one cub

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
6-Jul-2017	HVac Generation Site (CH0009)	Main office laydown area	n/a	n/a	n/a	No additional actions required	n/a
6-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12, food waste bin	n/a	n/a	Bear bangers employed	No additional actions required	Night shift
6-Jul-2017	CD0501 Muskrat Falls	Converter Yard (south)	n/a	n/a	Live trapped but escaped.	No additional actions required	n/a
6-Jul-2017	CD0501 Muskrat Falls	Converter Yard (south)	n/a	n/a	n/a	No additional actions required	Two individuals observed
6-Jul-2017	CD0501 Muskrat Falls	Converter Yard (south)	n/a	n/a	Live trap set.	No additional actions required	n/a
6-Jul-2017	CD0501 Muskrat Falls	Converter Yard (south)	n/a	n/a	Live trap set.	No additional actions required	Night shift
7-Jul-2017	HVac Generation Site	Company Admin Building, SE corner near medic entrance	n/a	n/a	n/a	No additional actions required	n/a
7-Jul-2017	HVac Generation Site	Company Laydown area, near treeline	n/a	n/a	n/a	No additional actions required	n/a
7-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12, food waste bin	n/a	n/a	Bear bangers and horn employed –	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
					not effective		
7-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12, food waste bin	n/a	n/a	Live trapped, but escaped	No additional actions required	Night shift
7-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12, food waste bin	n/a	n/a	n/a	No additional actions required	Night shift; two bear cubs
7-Jul-2017	CD0501 Muskrat Falls	Carpenter's Laydown	n/a	n/a	n/a	No additional actions required	Black bear cub
8-Jul-2017	CD0501 Muskrat Falls	Carpenter's Laydown	n/a	n/a	n/a	No additional actions required	Three individuals observed.
8-Jul-2017	CD0501 Muskrat Falls	Converter Yard (south)	n/a	n/a	n/a	No additional actions required	Night shift
8-Jul-2017	HVac Generation Site	SSAR, across from main office laydown area	n/a	n/a	n/a	No additional actions required	n/a
8-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12-2, south end of RCC Trial area	n/a	n/a	n/a	No additional actions required	n/a
8-Jul-2017	HVac Generation Site	Laydown LD-12-2, inside sea-can	n/a	n/a	Live trap set	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
9-Jul-2017	CD0501 Muskrat Falls	GE Trailer area	n/a	n/a	Bear horns sounded	No additional actions required	Night shift
9-Jul-2017	HVac Generation Site (CH0007)	Maintenance Yard, inside food waste bin	n/a	n/a	n/a	No additional actions required	n/a
9-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12-2, food waste bin	n/a	n/a	Live trap set	No additional actions required	n/a
9-Jul-2017	HVac Generation Site	Accommodations Complex, east of sewage treatment plant	n/a	n/a	n/a	No additional actions required	n/a
9-Jul-2017	HVac Generation Site	Company Laydown area	n/a	n/a	Horns and bangers not effective	No additional actions required	Night shift; two bears observed
9-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-10	n/a	n/a	n/a	No additional actions required	Night shift
9-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12	n/a	n/a	Live trap set	No additional actions required	Night shift
9-Jul-2017	HVac Generation Site	Laydown LD-9, rebar yard	n/a	n/a	n/a	No additional actions required	Night shift
10-Jul-2017	CD0501 Muskrat Falls	GE Trailer area	n/a	n/a	Bear horns sounded	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
10-Jul-2017	CD0501 Muskrat Falls	GE Trailer area	n/a	n/a	Bear horns sounded	No additional actions required	Night shift
10-Jul-2017	CD0501 Muskrat Falls	Converter Yard (south)	n/a	n/a	Live trap set - unsuccessful	No additional actions required	Night shift
10-Jul-2017	HVac Generation Site (CH0009)	LCP Trailers, breezeway	n/a	n/a	Bear bangers employed – not effective	No additional actions required	n/a
10-Jul-2017	HVac Generation Site (CH0007)	Maintenance Yard	n/a	n/a	Live trap set	No additional actions required	Two bears observed
10-Jul-2017	HVac Generation Site (CH0007)	Laydown LD-12-1, top of wood pile	n/a	n/a	Trapped bear removed from site by DNR	No additional actions required	n/a
11-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-12-2	n/a	n/a	n/a	No additional actions required	Night shift
11-Jul-2017	HVac Generation Site	Company Admin Building, SE corner near medic entrance	n/a	n/a	n/a	No additional actions required	Night shift
11-Jul-2017	CD0501 Muskrat Falls	Converter Yard (south)	n/a	n/a	Live trap set - unsuccessful	No additional actions required	Spotted on three different occasions
12-Jul-2017	HVac Generation Site (CH0007)	Maintenance Dome, west side	n/a	n/a	n/a	No additional actions required	Night shift

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
14-Jul-2017	CD0501 Muskrat Falls	C3 main access road	n/a	n/a	Live trap set - unsuccessful	No additional actions required	Night shift; two black bears observed.
14-Jul-2017	HVac Generation Site	Company Admin Building, food waste bin	n/a	n/a	n/a	No additional actions required	Night shift
14-Jul-2017	HVac Generation Site (CH0007)	Laydown LD-2	n/a	n/a	n/a	No additional actions required	Night shift
14-Jul-2017	HVac Generation Site (CH0009)	Laydown LD-10	n/a	n/a	n/a	No additional actions required	Night shift
14-Jul-2017	HVac Generation Site (CH0007)	Main office laydown area, food waste bin	n/a	n/a	n/a	No additional actions required	Night shift
15-Jul-2017	CD0501 Muskrat Falls	Converter Yard, metal waste bin	n/a	n/a	Live trap set - unsuccessful	No additional actions required	Night shift
16-Jul-2017	HVac Generation Site	KM14, SSAR	Bear cub	n/a	n/a	No additional actions required	n/a
18-Jul-2017	HVac Generation Site	LCP trailer extension	Young adult	n/a	Live trapped – removed by DNR	No additional actions required	n/a
20-Jul-2017	HVac Generation Site (SH0018)	Accommodations Complex	Young adult	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
24-Jul-2017	HVac Generation Site (SH0018)	Camp access road	n/a	n/a	n/a	No additional actions required	n/a
24-Jul-2017	HVac Generation Site (SH0018)	Camp sewage treatment plant.	Young adult with yellow tag	n/a	DNR on site to remove bear, however not successful – bear took off into the woods	No additional actions required	n/a
28-Jul-2017	HVac Generation Site (CH0007)	Maintenance Yard	n/a	n/a	n/a	No additional actions required	Night shift
30-Jul-2017	HVac Generation Site (CH0007)	Laydown LD-12-1	n/a	n/a	n/a	No additional actions required	n/a
30-Jul-2017	CD0501 Muskrat Falls	Converter Yard, east end near fuel tank	n/a	n/a	Live trap set - unsuccessful	No additional actions required	n/a
1-Aug-2017	HVac Generation Site	Mackenzie River, east	n/a	n/a	n/a	No additional actions required	n/a
4-Aug-2017	HVac Generation Site (CH0009)	Laydown LD-10, "General Waste" roll-off bin	young adult with yellow tag - wounded	n/a	n/a	No additional actions required	Night shift

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
5-Aug-2017	HVac Generation Site (CH0009)	Laydown LD-10 (spotted twice)	young adult with yellow tag - wounded	n/a	n/a	No additional actions required	Night shift
6-Aug-2017	HVac Generation Site	KM19, SSAR	young adult with yellow tag - wounded	n/a	n/a	No additional actions required	Night shift
9-Aug-2017	HVac Generation Site (CH0030)	Office Complex, south side	n/a	n/a	n/a	No additional actions required	n/a
11-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	Black bear tagged	n/a	n/a	No additional actions required	Night shift
12-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	Black bear tagged	n/a	n/a	No additional actions required	Night shift
13-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	Black bear tagged	n/a	n/a	No additional actions required	Night shift
13-Aug-2017	HVac Generation Site (CH0030)	TD7	n/a	n/a	n/a	No additional actions required	Night shift
15-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	Black bear tagged	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
15-Aug-2017	HVac Generation Site	KM2, SSAR	n/a	n/a	n/a	No additional actions required	n/a
15-Aug-2017	HVac Generation Site	Mackenzie River	Two bear cubs	n/a	n/a	No additional actions required	n/a
16-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	Black bear tagged	n/a	n/a	No additional actions required	Night shift
16-Aug-2017	HVac Generation Site	KM21, SSAR (across from Admin Building)	Black bear cub	n/a	n/a	No additional actions required	n/a
17-Aug-2017	HVac Generation Site	KM21, SSAR (across from Admin Building)	Black bear cub	n/a	n/a	No additional actions required	n/a
17-Aug-2017	CD0501 Muskrat Falls	General waste dumpster	Black bear tagged	n/a	J. Mitchell set trap on 18-Aug-2017	No additional actions required	Night shift
19-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	Black bear tagged	n/a	Live trap set – not effective	No additional actions required	Night shift
19-Aug-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a
19-Aug-2017	HVac Generation Site	KM8, SSAR	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
20-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	Black bear was tagged	n/a	Live trap set – not effective	No additional actions required	Spotted twice; night shift
20-Aug-2017	HVac Generation Site	KM18, SSAR	n/a	n/a	n/a	No additional actions required	n/a
22-Aug-2017	HVac Generation Site	Observed between LCP Admin and Mackenzie, and heading east	Black bear tagged	n/a	n/a	No additional actions required	n/a
22-Aug-2017	HVac Generation Site	SSAR across from CH0009 trailers	Cub	n/a	n/a	No additional actions required	n/a
23-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	n/a	n/a	Live trap set – not effective	No additional actions required	Night shift
24-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	n/a	n/a	Live trap set – not effective	No additional actions required	Night shift
25-Aug-2017	CD0501 Muskrat Falls	Waste bins at entrance to work site	n/a	n/a	Live trap set – not effective	No additional actions required	Night shift
26-Aug-2017	CD0501 Muskrat Falls	Converter Yard (south) relocated by DNR	n/a	n/a	Live trap set	No additional actions required	Night shift
26-Aug-2017	HVac Generation Site	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
27-Aug-2017	HVac Generation Site	LCP Trailer extension	n/a	n/a	n/a	No additional actions required	n/a
28-Aug-2017	HVac Generation Site	SSAR, entrance to GD-11	n/a	n/a	n/a	No additional actions required	n/a
4-Sep-2017	HVac Generation Site	KM16, SSAR	Black bear tagged	n/a	n/a	No additional actions required	n/a
9-Sep-2017	HVac Generation Site	Mackenzie River, west	Black bear tagged	n/a	n/a	No additional actions required	n/a
10-Sep-2017	HVac Generation Site	Mackenzie River, west	Black bear tagged	n/a	n/a	No additional actions required	n/a
11-Sep-2017	CD0501 Churchill Falls	Cfe heading towards CFLco	n/a	n/a	n/a	No additional actions required	n/a
11-Sep-2017	HVac Generation Site	Mackenzie River, west	Black bear tagged	n/a	n/a	No additional actions required	n/a
14-Sep-2017	HVac Generation Site	KM21.5, SSAR	n/a	n/a	n/a	No additional actions required	n/a
14-Sep-2017	HVac Generation Site	GD11, entrance	Black bear tagged	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
19-Sep-2017	CD0501 Muskrat Falls	General waste dumpster	n/a	n/a	n/a	No additional actions required	n/a
20-Sep-2017	CD0501 Muskrat Falls	General waste dumpster	n/a	n/a	n/a	No additional actions required	n/a
22-Sep-2017	CD0501 Muskrat Falls	Rigging sea-can	Black bear tagged	n/a	Bear horns and whistles employed	No additional actions required	n/a
23-Sep-2017	CD0501 Muskrat Falls	General waste dumpster	Black bear tagged	n/a	Bear horns and whistles employed	No additional actions required	n/a
24-Sep-2017	HVac Generation Site (CH0007)	Laydown LD-9	n/a	n/a	n/a	No additional actions required	n/a
25-Sep-2017	CD0501 Muskrat Falls	General Waste Dumpster, Cahill area	Black bear tagged	n/a	Bear horns and whistles employed – unresponsive. Wildlife arrived and bear dispatched	No additional actions required	
1-Oct-2017	HVac Generation Site (CH0032)	Across from office laydown	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
1-Oct-2017	HVac Generation Site	Across from Admin Building	n/a	n/a	n/a	No additional actions required	n/a
3-Oct-2017	HVac Generation Site	KM20, SSAR	n/a	n/a	n/a	No additional actions required	n/a

6.2.2 Labrador – Island Transmission Link

There were 30 black bear sightings reported for the Labrador-Island Transmission Link in 2017.

Table 6-4 Black Bear Sightings and Interactions for the Labrador-Island Transmission Link in 2017

Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
19-May-2017	HVdc Line (CT0327-001)	Muskrat Falls Access Rd	n/a	n/a	n/a	No additional actions required	n/a
23-May-2017	HVdc Line (CT0327-001)	Rt 510 in proximity to Str S1-80	n/a	n/a	n/a	No additional actions required	n/a
3-Jun-2017	HVdc Completions	Highway between Goose Bay / site	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
4-Jun-2017	HVdc Line (CT0327-001)	S4-548	n/a	n/a	n/a	No additional actions required	Two individuals observed
8-Jun-2017	HVdc Line (CT0327-001)	Paradise West and Southside Rd, across from the washout area	n/a	n/a	n/a	No additional actions required	n/a
12-Jun-2017	HVdc Completions	St. Paul's River Road	n/a	n/a	n/a	No additional actions required	n/a
19-Jun-2017	HVdc Line (CT0327-029)	KM36 on Greenwood Access Rd.	n/a	n/a	n/a	No additional actions required	n/a
21-Jun-2017	HVdc Line (CT0319-001)	TLH Highway near Str L1-40	n/a	n/a	n/a	No additional actions required	Bear with three cubs
21-Jun-2017	HVdc Line (CT0327-001)	KM62 Batteau Barrens	n/a	n/a	n/a	No additional actions required	Noted to frequent the ROW the past few days
21-Jun-2017	HVdc Line (CT0327-001)	KM80 Eagle Mountain Rd	n/a	n/a	n/a	No additional actions required	Noted to frequent the ROW the past few days
22-Jun-2017	HVdc Line (CT0319-001)	Highway near L1-300's	n/a	n/a	n/a	No additional actions required	n/a
30-Jun-2017	HVdc Line (CT0319-001)	KM27 Sunday pond road	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
13-Jul-2017	HVdc Line (CT0327-001)	KM18 Mint Brook Road	n/a	n/a	n/a	No additional actions required	n/a
14-Jul-2017	HVdc Line (CT0327-001)	KM19 Batteau Barrens	Black bear cub	Cub left road when truck was spotted	n/a	No additional actions required	n/a
15-Jul-2017	HVdc Line (CT0327-024)	near KM77 in the Upper Humber section of the LRM	Small black bear	n/a	n/a	No additional actions required	n/a
26-Jul-2017	HVdc Line (CT0319-001)	Highway	n/a	n/a	n/a	No additional actions required	n/a
1-Aug-2017	HVdc Line (CT0319-001)	-	n/a	n/a	n/a	No additional actions required	n/a
13-Aug-2017	HVdc Line (CT0327-001)	KM10 of Batteau Barrens Road	n/a	Fled into the woods	n/a	No additional actions required	n/a
19-Aug-2017	HVdc Line (CT0327-001)	KM33 Batteau Barrens	n/a	n/a	n/a	No additional actions required	n/a
21-Aug-2017	HVdc Line (CT0327-001)	KM25 Beaver Brook Road	n/a	n/a	n/a	No additional actions required	n/a
29-Aug-2017	HVdc Line (CT0327-001)	S4-467 Sunday Pond Rd	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
10-Sep-2017	HVdc Line (CT0327-001)	S1-526	n/a	n/a	n/a	No additional actions required	Bear with two cubs
12-Sep-2017	HVdc Line (CT0327-001)	Near S1-664 and DC-2 Campsite	n/a	n/a	n/a	No additional actions required	n/a
15-Sep-2017	HVdc Line (CT0327-001)	S2-61	n/a	n/a	n/a	No additional actions required	n/a
15-Sep-2017	HVdc Line (CT0327-001)	Between S1-573 and S1-574	n/a	n/a	n/a	No additional actions required	n/a
16-Sep-2017	HVdc Line (CT0327-001)	S1-666	n/a	n/a	n/a	No additional actions required	n/a
25-Sep-2017	HVdc Line (CT0327-001)	Batteau Barrens North	n/a	n/a	n/a	No additional actions required	Bear with two cubs
2-Oct-2017	HVdc Line (CT0327-001)	S2-555	n/a	n/a	n/a	No additional actions required	n/a
10-Oct-2017	HVdc Line (CT0327-013)	S1-668	n/a	n/a	n/a	No additional actions required	Three bears sighted
19-Oct-2017	HVdc Line (CT0327-013)	KM20 Sheffield Access Road	n/a	n/a	n/a	No additional actions required	n/a

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6.3 FURBEARERS

6.3.1 Lower Churchill Hydroelectric Generation Project

There were 69 furbearer sightings for the Lower Churchill Hydroelectric Generation Project in 2017.

Table 6-5 Furbearer Sightings and Interactions for the Lower Churchill Hydroelectric Generation Project in 2017

Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
9-Jan-17	HVac Generation Site	Wolf	Main Gate	n/a	n/a	n/a	No additional actions required	Two wolves observed.
16-Jan-17	HVac Generation Site (CH0009)	Silver Fox	Upstream Cofferdam Bridge	n/a	n/a	n/a	No additional actions required	n/a
21-Jan-17	HVac Generation Site	Wolf	Accommodations Complex	n/a	n/a	n/a	No additional actions required	n/a
27-Jan-17	HVac Generation Site (CH0009)	Marten	Stockpile A	n/a	n/a	n/a	No additional actions required	n/a
2-Feb-17	HVac Generation Site (CH0052)	Red Fox	Generation Site	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
5-Feb-17	HVac Generation Site (CH0009)	Red Fox	Laydown LD-10	n/a	n/a	n/a	No additional actions required	n/a
6-Feb-17	HVac Generation Site	Marten	KM10, SSAR	n/a	n/a	n/a	No additional actions required	n/a
6-Feb-17	HVac Generation Site	Red Fox	KM5, SSAR	n/a	n/a	n/a	No additional actions required	n/a
7-Feb-17	HVac Generation Site	Silver Fox	Accommodations Complex, outside west gate	n/a	n/a	n/a	No additional actions required	n/a
16-Feb-17	HVac Generation Site (CH0009)	Red Fox	Laydown LD-12	n/a	n/a	n/a	No additional actions required	Two individuals spotted
20-Feb-17	HVac Generation Site (CH0009)	Red Fox	Laydown LD-12	n/a	n/a	n/a	No additional actions required	Three individuals spotted
21-Feb-17	HVac Generation Site	Red Fox	Laydown LD-12	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
22-Feb-17	HVac Generation Site	Wolf	Accommodations Complex	n/a	n/a	n/a	No additional actions required	n/a
6-Mar-17	HVac Generation Site	Red Fox	Laydown LD-12	n/a	n/a	n/a	No additional actions required	n/a
12-Mar-17	HVac Generation Site	Wolf	KM6, SSAR	n/a	n/a	n/a	No additional actions required	Two individuals observed
17-Mar-17	HVac Generation Site (CH0009)	Fox	Laydown LD-12	n/a	n/a	n/a	No additional actions required	n/a
19-Mar-17	CD0502 – Churchill Falls	Wolf	Near A/C Control Building	n/a	n/a	n/a	No additional actions required	Three individuals observed
20-Mar-17	CD0502 – Churchill Falls	Wolf	Near waste wood pile	n/a	n/a	n/a	No additional actions required	n/a
5-Apr-17	HVac Generation Site (CH0009)	Fox	Laydown LD-12	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
5-Apr-17	HVac Generation Site	Wolf	KM4, SSAR	n/a	n/a	n/a	No additional actions required	n/a
19-Apr-17	HVac Generation Site	Wolf	Near Mackenzie River	n/a	n/a	n/a	No additional actions required	n/a
10-May-17	HVac Generation Site (CH0009)	Fox	Office Complex	n/a	n/a	n/a	No additional actions required	n/a
15-May-17	HVac Generation Site (CH0007)	Cross Fox	Maintenance Yard	n/a	n/a	n/a	No additional actions required	n/a
16-May-17	HVac Generation Site	Wolf	KM14, SSAR	n/a	n/a	n/a	No additional actions required	n/a
21-May-17	HVac Generation Site	Fox	KM17, SSAR	n/a	n/a	n/a	No additional actions required	n/a
30-May-17	CD0501 – Muskrat Falls	Fox and pups	SE corner of Converter Yard	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
5-Jun-17	HVac Generation Site	Silver Fox	Company Laydown area	n/a	n/a	n/a	No additional actions required	n/a
17-Jun-17	HVac Generation Site	Wolves	GD8	n/a	n/a	n/a	No additional actions required	Two wolves observed
30-Jun-17	HVac Generation Site	Wolves	KM1, SSAR	n/a	n/a	n/a	No additional actions required	Two wolves observed
8-Jul-17	HVac Generation Site	Fox pups	Laydown LD-12, Access Road	n/a	n/a	n/a	No additional actions required	Two pups observed
10-Jul-17	HVac Generation Site (CH0009)	Red Fox	Top of Stockpile A	n/a	n/a	n/a	No additional actions required	n/a
11-Jul-17	HVac Generation Site	Red Fox	Laydown H	n/a	n/a	n/a	No additional actions required	n/a
12-Jul-17	HVac Generation Site	Red Fox	KM5.5, SSAR	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
13-Jul-17	HVac Generation Site	Red Fox	KM2, SSAR	n/a	n/a	n/a	No additional actions required	n/a
14-Jul-17	HVac Generation Site	Fox	KM16.8, SSAR	n/a	n/a	n/a	No additional actions required	n/a
15-Jul-17	HVac Generation Site (CH0007)	Fox	Mixing Grid area	n/a	n/a	n/a	No additional actions required	Night shift
17-Jul-17	HVac Generation Site	Wolves	KM1, SSAR	n/a	n/a	n/a	No additional actions required	n/a
20-Jul-17	HVac Generation Site (CH0007)	Fox	LD-12 Access road	n/a	n/a	n/a	No additional actions required	n/a
30-Jul-17	HVac Generation Site (CH0007)	Wolf	KM11, SSAR	n/a	n/a	n/a	No additional actions required	n/a
4-Aug-17	HVac Generation Site (CH0009)	Wolf	Laydown LD-10, west end	n/a	n/a	n/a	No additional actions required	Night shift

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
10-Aug-17	HVac Generation Site (CH0009)	Red Fox	Laydown LD-12	n/a	n/a	n/a	No additional actions required	n/a
21-Aug-17	HVac Generation Site	Wolf	KM19, SSAR	n/a	n/a	n/a	No additional actions required	n/a
2-Sep-17	HVac Generation Site (CH0009)	Fox	Laydown LD-12	n/a	n/a	n/a	No additional actions required	n/a
6-Sep-17	CD0502 Churchill Falls	Fox	-	n/a	n/a	n/a	No additional actions required	n/a
12-Sep-17	HVac Generation	Wolf	KM14	n/a	n/a	n/a	No additional actions required	Observed various times throughout the day in the same area
13-Sep-17	HVac Generation Site (CH0009)	Red Fox	Laydown LD-10	n/a	n/a	n/a	No additional actions required	n/a
16-Sep-17	HVac Generation Site	Wolves	KM18, SSAR	n/a	n/a	n/a	No additional actions required	Two wolves observed

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
16-Sep-17	HVac Generation Site (CH0009)	Wolf	GD8	n/a	n/a	n/a	No additional actions required	n/a
25-Sep-17	CD0502 Churchill Falls	Wolf	Old batch plant road	n/a	n/a	n/a	No additional actions required	n/a
28-Sep-17	HVac Generation Site (CH0049)	Red Fox	Ice Boom South Access Road	n/a	n/a	n/a	No additional actions required	n/a
2-Oct-17	HVac Generation Site (CH0009)	Lynx	Gallery component laydown across from Area G	n/a	n/a	n/a	No additional actions required	n/a
2-Oct-17	HVac Generation Site (CH0009)	Lynx	Second sighting around 630pm – Road adjacent to tire wash pond at Area F	n/a	n/a	n/a	No additional actions required	n/a
4-Oct-17	CD0501 Muskrat Falls	Wolf	South USM pile	n/a	n/a	n/a	No additional actions required	Night shift
4-Oct-17	HVac Generation Site (CH0009)	Fox	KM5+500, SSAR	n/a	n/a	n/a	No additional actions required	Two foxes observed

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
6-Oct-17	HVac Generation Site (CH0009)	Red Fox	SSAR, KM unknown	n/a	n/a	n/a	No additional actions required	Three foxes observed
6-Oct-17	HVac Generation Site (CH0049)	Lynx	South Shoreline, pull test area	n/a	n/a	n/a	No additional actions required	n/a
7-Oct-17	HVac Generation Site (CH0049)	Lynx	South Shoreline, pull test area	n/a	n/a	n/a	No additional actions required	n/a
13-Oct-17	HVac Generation Site	Fox	SSAR	n/a	n/a	n/a	No additional actions required	n/a
14-Oct-17	HVac Generation Site (CH0049)	Lynx	South Shoreline, pull test area	n/a	n/a	n/a	No additional actions required	n/a
29-Oct-17	HVac Generation Site (CH0049)	Red Fox	South Shoreline	n/a	n/a	n/a	No additional actions required	n/a
6-Nov-17	HVac Generation Site (CH0009)	Red Fox	North Dam	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
16-Nov-17	HVac Generation Site (CH0009)	Red Fox	-	n/a	n/a	n/a	No additional actions required	n/a
24-Nov-17	HVac Generation Site (CH0009)	Cross Fox	-	n/a	n/a	n/a	No additional actions required	n/a
2-Dec-17	HVac Generation Site	Wolf	KM2, SSAR	n/a	n/a	n/a	No additional actions required	Two wolves observed
2-Dec-17	HVac Generation Site (CH0009)	Red Fox	USCD, food laid out on ground	n/a	n/a	n/a	No additional actions required	n/a
4-Dec-17	CD0502 – Churchill Falls	Wolf	GE/Nalcor Trailer Complex Area and Security Gate	n/a	n/a	n/a	No additional actions required	Two individuals
6-Dec-17	CD0501 – Muskrat Falls	Fox	South west side of the ACS building	n/a	n/a	n/a	No additional actions required	Three individuals
19-Dec-17	HVac Generation Site	Cross Fox	Mackenzie River, east	n/a	n/a	n/a	No additional actions required	n/a

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6.3.2 Labrador – Island Transmission Link

There were 60 furbearer sightings reported for the Labrador-Island Transmission Link in 2017.

Table 6-6 Furbearer Sightings and Interactions for the Labrador-Island Transmission Link in 2017

Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
4-Jan-2017	HVdc Link (CT0327-001)	Fox	S1-402	n/a	n/a	n/a	No additional actions required	n/a
9-Jan-2017	HVdc Line (CT0327-001)	Fox	S1-569 to S1-662	n/a	n/a	n/a	No additional actions required	n/a
10-Jan-2017	HVdc Line (CT0327-001)	Fox	Str S1-569	n/a	n/a	n/a	No additional actions required	n/a
19-Jan-2017	HVdc Line (CT0327-001)	Fox	DC 2 camp Str S1-662	n/a	n/a	n/a	No additional actions required	n/a
19-Jan-2017	HVdc Line (CT0327-001)	Pine Marten	DC 2 camp Str S1-662	n/a	n/a	n/a	No additional actions required	n/a
31-Jan-2017	HVdc Line (CT0327-001)	Coyote	KM36 Batteau South Access Rd.	n/a	n/a	n/a	No additional actions required	n/a
31-Jan-2017	HVdc Line (CT0327-001)	Coyote	KM42 Larson Falls Access Road	n/a	n/a	n/a	No additional actions required	n/a
15-Feb-2017	HVdc Line (CT0327-051)	Mink	KM1 Ocean Pond Access Rd.	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
17-Mar-2017	HVdc Line (CT0327-001)	Lynx	Larson's Falls Rd.	n/a	n/a	n/a	No additional actions required	n/a
2-May-17	CD0501 – Soldiers Pond	Weasel	Near filter foundations	n/a	n/a	n/a	No additional actions required	Weasel was deceased
12-May-2017	HVdc Line (CT0327-001)	Pine Marten		n/a	n/a	n/a	No additional actions required	Albino
24-May-2017	HVdc Line (CT0327-001)	Snowshoe Hare	KM3 of East River access	n/a	n/a	n/a	No additional actions required	Sighted multiple times
26-May-2017	HVdc Line (CT0327-001)	Snowshoe Hare	East River access	n/a	n/a	n/a	No additional actions required	n/a
26-May-2017	HVdc Line (CT0327-001)	Snowshoe Hare	KM1.5 of Batteau Barrens South	n/a	n/a	n/a	No additional actions required	n/a
26-May-2017	HVdc Line (CT0327-001)	Coyote	S5-126	n/a	n/a	n/a	No additional actions required	n/a
29-May-2017	HVdc Line (CT0327-001)	Snowshoe Hare	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Three individuals observed: two at KM8, one at KM6.5
30-May-2017	HVdc Line (CT0327-001)	Snowshoe Hare	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Four individuals observed: one near KM5, three between KM7 and KM8

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
1-Jun-2017	HVdc Line (CT0327-001)	Snowshoe Hare	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Three rabbits were sighted at KM14, 14.5 and 18.5
2-Jun-2017	HVdc Line (CT0327-001)	Snowshoe Hare	Batteau Barrens South	n/a	n/a	n/a	No additional actions required	Two rabbits were sighted at KM18 and KM22
2-Jun-2017	HVdc Line (CT0327-001)	Snowshoe Hare	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Two individuals sighted at KM15.5.
5-Jun-2017	HVdc Line (CT0327-001)	Snowshoe Hare	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Two individuals sighted at KM16, one at KM8.
9-Jun-2017	HVdc Line (CT0327-001)	Coyote	S5-114	n/a	n/a	n/a	No additional actions required	n/a
13-Jun-2017	HVdc Line (CT0327-001)	Snowshoe Hare	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Several snowshoe hare were sighted at KM16 and KM10.5.
14-Jun-2017	HVdc Line (CT0327-001)	Snowshoe Hare	KM3.5 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
19-Jun-2017	HVdc Line (CT0327-024)	Snowshoe Hare	Batteau Barrens (South) Access	n/a	n/a	n/a	No additional actions required	Snowshoe hare were sighted at KM1 and KM17.5.
4-Jul-2017	HVdc Line (CT0327-001)	Silver Fox	S3-505	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
11-Jul-2017	HVdc Line (CT0327-001)	Fox	KM21 Goodyears Cove Access Rd	n/a	n/a	n/a	No additional actions required	n/a
12-Jul-2017	Completions	Wolf	KM21 Goodyears Cove Access Rd	Three wolf cubs	n/a	n/a	No additional actions required	n/a
18-Jul-2017	HVdc Line (CT0327-001)	Groundhog	S2-463	n/a	n/a	n/a	No additional actions required	n/a
22-Jul-2017	HVdc Line (CT0327-001)	Mink/Pine Marten	ROW Eagle Mountain Rd KM60	n/a	n/a	n/a	No additional actions required	Spotted a mink / pine marten run off of ROW quickly into woods. To quick to identify properly.
28-Jul-2017	HVdc Line (CT0327-001)	Silver Fox	KM36 Batteau Barrens South	n/a	n/a	n/a	No additional actions required	n/a
28-Jul-2017	HVdc Line (CT0327-001)	Silver Fox	S3-406	n/a	n/a	n/a	No additional actions required	n/a
14-Aug-2017	HVdc Line (CT0327-001)	Silver Fox	Batteau Barrens Camp	n/a	n/a	n/a	No additional actions required	When LCP OSEM entered the Batteau Barrens camp pad, a silver fox comfortably approached the pickup and waited as if it was expecting food. Although the fox walked away when OSEM exited the pickup, it lingered at the camp pad.

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
14-Aug-2017	HVdc Line (CT0327-001)	Silver Fox	S3-515	n/a	n/a	n/a	No additional actions required	n/a
19-Aug-2017	HVdc Line (CT0327-001)	Weasel	KM33 Batteau Barren Road	n/a	n/a	n/a	No additional actions required	n/a
20-Aug-2017	HVdc Line (CT0327-001)	Wolf	KM33 Batteau Barren Road	n/a	n/a	n/a	No additional actions required	Pack of wolves observed
26-Aug-2017	HVdc Line (CT0327-001)	Mink	KM13 Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	n/a
3-Sep-2017	HVdc Line (CT0327-001)	Mink	S3-641, Eagle access road	n/a	n/a	n/a	No additional actions required	n/a
9-Sep-2017	HVdc Line (CT0327-001)	Coyote	S3-489	Young coyote	n/a	n/a	No additional actions required	n/a
9-Sep-2017	HVdc Line (CT0327-001)	Snowshoe Hare	KM1 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
10-Sep-2017	HVdc Line (CT0327-001)	Silver Fox	Access road near S3-174	n/a	n/a	n/a	No additional actions required	n/a
12-Sep-2017	HVdc Line (CT0327-001)	Coyote	S3-475	Coyote and 3 pups	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
13-Sep-2017	HVdc Line (CT0327-001)	Wolf	S1-473	n/a	n/a	n/a	No additional actions required	n/a
15-Sep-2017	HVdc Line (CT0327-001)	Wolf	S1-660	n/a	n/a	n/a	No additional actions required	n/a
19-Sep-2017	HVdc Line (CT0327-001)	Red Fox	S2-20	n/a	n/a	n/a	No additional actions required	n/a
19-Sep-2017	HVdc Line (CT0327-001)	Red Fox	KM123 North Side	n/a	n/a	n/a	No additional actions required	n/a
25-Sep-2017	HVdc Line (CT0327-014)	Red Fox	S3-683	n/a	n/a	n/a	No additional actions required	n/a
25-Sep-2017	HVdc Line (CT0327-014)	Snowshoe Hare	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Three snowshoe hare were sighted at KM17, KM16 and KM2
25-Sep-2017	HVdc Line (CT0327-014)	Red Fox	KM32.5 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
26-Sep-2017	HVdc Line (CT0327-001)	Coyote	3 kms West of Hampton Junction	n/a	n/a	n/a	No additional actions required	n/a
2-Oct-2017	HVdc Line (CT0327-001)	Wolf	S1-298 Access Road	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
3-Oct-2017	HVdc Line (CT0327-001)	Red Fox	S1-487	n/a	n/a	n/a	No additional actions required	n/a
3-Oct-2017	HVdc Line (CT0327-001)	Red Fox	KM13 SPRR North	n/a	n/a	n/a	No additional actions required	n/a
22-Oct-2017	HVdc Line (CT0327-001)	Silver Fox	S3-174	n/a	n/a	n/a	No additional actions required	n/a
24-Oct-2017	HVdc Line (CT0327-001)	Red Fox	KM33.5 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
8-Nov-2017	HVdc Line (CT0327-001)	Red Fox	KM36 Batteau Barrens South Access	n/a	n/a	n/a	No additional actions required	n/a
9-Nov-2017	HVdc Line (CT0327-001)	Coyote	KM11.5 Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	n/a
9-Nov-2017	HVdc Line (CT0327-001)	Snowshoe Hare	KM15.5 Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	n/a
13-Nov-2017	HVdc Line (CT0327-001)	Red Fox	S3-402	n/a	n/a	n/a	No additional actions required	n/a
14-Nov-2017	HVdc Line (CT0327-001)	Fox	S3-515	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
14-Nov-2017	HVdc Line (CT0327-001)	Snowshoe Hare	Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Five snowshoe hare observed

6.4 CARIBOU

6.4.1 Lower Churchill Hydroelectric Generation Project

There were no caribou sightings for the Lower Churchill Hydroelectric Generation Project in 2017.

6.4.2 Labrador – Island Transmission Link

There were 89 caribou sightings reported along the LITL in 2017.

Table 6-7 Caribou Sightings and Interactions for the Labrador-Island Transmission Link in 2017

Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
27-Jan-2017	HVdc Line (CT0327-001)	TCH Near Howley	n/a	n/a	n/a	n/a	Herd was seen licking road salt from the pavement.
28-Jan-2017	HVdc Line (CT0327-001)	TCH Near Howley	n/a	n/a	n/a	n/a	Herd was seen licking road salt from the pavement.
20-Feb-2017	HVdc Line (CT0327-001)	TCH East of Catamaran Park	n/a	n/a	n/a	n/a	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
15-Mar-2017	HVdc Line (CT0327-001)	Mint Brook Road - Roughly 100m from road between KM4 and 7	n/a	n/a	n/a	n/a	n/a
2-Apr-2017	HVdc Line (CT0327-001)	Catamaran Access Rd near TCH	n/a	n/a	n/a	n/a	Three individuals observed
9-Apr-2017	HVdc Line (CT0327-001)	KM26 of Shoal Cove Access	n/a	n/a	n/a	n/a	n/a
28-Apr-2017	HVdc Line (CT0327-001)	KM8 East River Access	n/a	n/a	n/a	n/a	n/a
5-May-2017	HVdc Line (CT0327-001)	S3-363	n/a	n/a	n/a	n/a	Four individuals observed
14-May-2017	HVdc Line (CT0327-001)	S4-122	n/a	n/a	n/a	n/a	n/a
15-May-2017	HVdc Line (CT0327-001)	S4-122	n/a	n/a	n/a	n/a	n/a
15-May-2017	HVdc Line (CT0327-001)	KM15 Sheffield Access Rd	n/a	n/a	n/a	n/a	n/a
15-May-2017	HVdc Line (CT0327-001)	Near KM32 on Terra Nova access	n/a	n/a	n/a	n/a	n/a

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17-May-2017	HVdc Line (CT0327-001)	Between KM14 & 16 on Sheffield Lake road.	n/a	n/a	n/a	n/a	n/a
17-May-2017	HVdc Line (CT0327-001)	Between S4-221 & 222, in the field north on the ROW – Sheffield Lake Rd.	n/a	n/a	n/a	n/a	n/a
22-May-2017	HVdc Line (CT0327-001)	S4-615	n/a	n/a	n/a	n/a	n/a
22-May-2017	HVdc Line (CT0327-028)	KM8 on Taylor's Brook access road	n/a	n/a	n/a	n/a	n/a
22-May-2017	HVdc Line (CT0327-001)	KM28.5 of Batteau Barrens South access	n/a	n/a	n/a	n/a	n/a
22-May-2017	HVdc Line (CT0327-026)	KM8 Taylor's Brook road	n/a	n/a	n/a	n/a	n/a
23-May-2017	HVdc Line (CT0327-001)	Caribou were sighted at the following locations along East River access: one near KM1, two near KM9, two near KM11, six near KM13, and two in the ROW near KM15.	n/a	n/a	n/a	n/a	13 individuals observed
27-May-2017	HVdc Line (CT0327-001)	S5-269	n/a	n/a	n/a	n/a	Two individuals observed

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29-May-2017	HVdc Line (CT0327-001)	S4-192	n/a	n/a	n/a	n/a	Two individuals observed
29-May-2017	HVdc Line (CT0327-001)	Batteau Barrens South	n/a	n/a	n/a	n/a	Four individuals observed: one at KM2.5, one at KM37.5, one at KM37, one at KM35.5
30-May-2017	HVdc Line (CT0327-001)	S4-271 & S2-272	n/a	n/a	n/a	n/a	Two stag caribou; one near S4-271; the other near S2-272 on access road.
30-May-2017	HVdc Line (CT0327-001)	KM16 of Dawes Rd	n/a	n/a	n/a	n/a	n/a
30-May-2017	HVdc Line (CT0327-001)	In the ROW near Quarry S3-347	n/a	n/a	n/a	n/a	Three individuals observed
30-May-2017	HVdc Line (CT0327-001)	KM23.5 of Batteau Barrens South access	n/a	n/a	n/a	n/a	Three individuals observed
31-May-2017	HVdc Line (CT0327-001)	Batteau Barrens; one near KM20 - one near KM40.5	n/a	n/a	n/a	n/a	Two individuals observed
7-Jun-2017	HVdc Line- (CT0327-001)	S4-258	n/a	n/a	n/a	n/a	n/a
11-Jun-2017	HVdc Line (CT0327-001)	KM38 of Batteau Barrens South access	n/a	n/a	n/a	n/a	n/a

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12-Jun-2017	HVdc Line (CT0327-001)	S4-455	n/a	n/a	n/a	n/a	Caribou and calf observed
13-Jun-2017	HVdc Line (CT0327-001)	ROW between S3-419 and S3-420	n/a	n/a	n/a	n/a	Five individuals observed
14-Jun-2017	HVdc Line (CT0327-001)	Between S4-270 and S4-269	n/a	n/a	n/a	n/a	n/a
16-Jun-2017	HVdc Line (CT0327-024)	S3-472	n/a	n/a	n/a	n/a	n/a
16-Jun-2017	HVdc Line (CT0327-024)	S3-401	n/a	n/a	n/a	n/a	Two individuals observed
16-Jun-2017	HVdc Line (CT0327-024)	KM38 of Batteau Barrens South	n/a	n/a	n/a	n/a	n/a
17-Jun-2017	HVdc Line (CT0327-001)	Stag caribou near S3-620	n/a	n/a	n/a	n/a	n/a
18-Jun-2017	HVdc Line (CT0327-001)	S4-222	n/a	n/a	n/a	n/a	Two individuals observed
18-Jun-2017	HVdc Line (CT0327-001)	S4-218	n/a	n/a	n/a	n/a	Two individuals observed

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18-Jun-2017	HVdc Line (CT0327-001)	S3-454	n/a	n/a	n/a	n/a	n/a
18-Jun-2017	HVdc Line (CT0327-001)	S3-415	n/a	n/a	n/a	n/a	n/a
19-Jun-2017	HVdc Line (CT0327-024)	S3-403	n/a	n/a	n/a	n/a	n/a
20-Jun-2017	HVdc Line (CT0327-001)	KM30 Terra Nova Rd	n/a	n/a	n/a	n/a	n/a
20-Jun-2017	HVdc Line (CT0327-001)	Sawmill Rd	n/a	n/a	n/a	n/a	n/a
20-Jun-2017	HVdc Line (CT0327-001)	S3-403	n/a	n/a	n/a	n/a	n/a
21-Jun-2017	HVdc Line (CT0327-001)	S4-270	n/a	n/a	n/a	n/a	n/a
21-Jun-2017	HVdc Line (CT0327-001)	S3-615	n/a	n/a	n/a	n/a	n/a
21-Jun-2017	HVdc Line (CT0327-001)	KM30 Terra Nova Rd	n/a	n/a	n/a	n/a	n/a

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23-Jun-2017	HVdc Line (CT0327-001)	S4-221	n/a	n/a	n/a	n/a	n/a
23-Jun-2017	HVdc Line (CT0327-024)	S3-418	n/a	n/a	n/a	n/a	n/a
25-Jun-2017	HVdc Line (CT0327-001)	Between S4-219 to S4-235	n/a	n/a	n/a	n/a	Five caribou observed
26-Jun-2017	HVdc Line (CT0327-001)	Deadwolf between 59 and 49	n/a	n/a	n/a	n/a	Two caribou observed
27-Jun-2017	HVdc Line (CT0327-001)	Goodyear Rd, 27km	n/a	n/a	n/a	n/a	Caribou and calf
17-Jul-2017	HVdc Line (CT0327-001)	Between S4-489 and S4-491 on ROW	n/a	n/a	n/a	n/a	Two caribou observed
17-Jul-2017	HVdc Line (CT0327-001)	KM45 Deadwolf Rd	n/a	n/a	n/a	n/a	n/a
19-Jul-2017	HVdc Line (CT0327-001)	Sheffield lake	n/a	n/a	n/a	n/a	Ten caribou observed
1-Aug-2017	HVdc Line (CT0327-001)	S3-545	n/a	n/a	n/a	n/a	Nine caribou observed

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
1-Aug-2017	HVdc Line (CT0327-001)	Squid Cove South	n/a	n/a	n/a	n/a	100+ caribou observed
7-Aug-2017	HVdc Line (CT0327-001)	L3501-1379	n/a	n/a	n/a	n/a	n/a
8-Aug-2017	HVdc Line (CT0327-001)	L3501-1469	n/a	n/a	n/a	n/a	There were approximately 50 animals in the herd. There were mostly male caribou, some females and three calves spotted. They all seemed healthy and acted normal when spotted.
8-Aug-2017	HVdc Line (CT0327-001)	S4-531	n/a	n/a	n/a	n/a	n/a
15-Aug-2017	HVdc Line (CT0327-001)	Sheppardville Lake	n/a	n/a	n/a	n/a	Many caribou observed.
19-Aug-2017	HVdc Line (CT0327-001)	Sturcture 2213	n/a	n/a	n/a	n/a	Many caribou observed.
19-Aug-2017	HVdc Line (CT0327-001)	Sheppardville Lake	n/a	n/a	n/a	n/a	Several caribou observed.
19-Aug-2017	HVdc Line (CT0327-001)	S4-450 on Sunday Pond West	n/a	n/a	n/a	n/a	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
23-Aug-2017	HVdc Line (CT0327-001)	KM33 Sunday Pond Rd.	n/a	n/a	n/a	n/a	n/a
25-Aug-2017	HVdc Line (CT0327-001)	KM64 Eagle Mt. Road. LRM South Structure S3-614.	n/a	n/a	n/a	n/a	n/a
26-Aug-2017	HVdc Line (CT0327-001)	S4-611 Terra Nova Rd	n/a	n/a	n/a	n/a	n/a
28-Aug-2017	HVdc Line (CT0327-001)	KM8 Terra Nova Road	n/a	n/a	n/a	n/a	n/a
1-Sep-2017	HVdc Line (CT0327-001)	S4-654	n/a	n/a	n/a	n/a	n/a
1-Sep-2017	HVdc Line (CT0327-001)	S4-621	n/a	n/a	n/a	n/a	n/a
3-Sep-2017	HVdc Line (CT0327-001)	S4-690	n/a	n/a	n/a	n/a	n/a
3-Sep-2017	HVdc Line (CT0327-001)	S4-645	n/a	n/a	n/a	n/a	n/a
4-Sep-2017	HVdc Line (CT0327-001)	S3-456	n/a	n/a	n/a	n/a	n/a

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11-Sep-2017	HVdc Line (CT0327-001)	S3-442	n/a	n/a	n/a	n/a	Two caribou observed
12-Sep-2017	HVdc Line (CT0327-001)	S4-682	n/a	n/a	n/a	n/a	Herd of caribou observed
13-Sep-2017	HVdc Line (CT0327-001)	S4-222	n/a	n/a	n/a	n/a	Several caribou observed
9-Oct-2017	HVdc Line (CT0327-001)	Highway between Howley and Deer Lake	n/a	A caribou was sighted between Howley and Deer Lake on the highway. Caribou ran across the road hitting a car	n/a	n/a	n/a
16-Oct-2017	HVdc Line (CT0327-001)	KM23 Sheffield Access Road	n/a	n/a	n/a	n/a	n/a
16-Oct-2017	HVdc Line (CT0327-001)	KM41 Batteau Barrens Road	n/a	n/a	n/a	n/a	n/a
17-Oct-2017	HVdc Line (CT0327-001)	S4-205	n/a	n/a	n/a	n/a	n/a

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Date	Project Component	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
19-Oct-2017	HVdc Line (CT0327-001)	S4-205	Stag caribou	n/a	n/a	n/a	n/a
22-Oct-2017	HVdc Line (CT0327-001)	TCH East of Deer Lake	n/a	n/a	n/a	n/a	Approximately 20 caribou spotted
23-Oct-2017	HVdc Line (CT0327-001)	S3-410 Spur Road	n/a	n/a	n/a	n/a	Two caribou observed
28-Oct-2017	HVdc Line (CT0327-001)	KM3 Round Pond Road	n/a	n/a	n/a	n/a	Three caribou observed
29-Oct-2017	HVdc Line (CT0327-001)	15 km South of Plum Point	n/a	n/a	n/a	n/a	Ten caribou observed
3-Nov-2017	HVdc Line (CT0327-001)	Access road near S3-414	n/a	n/a	n/a	n/a	Three caribou observed
14-Nov-2017	HVdc Line (CT0327-001)	KM30 Batteau Barrens South Access	n/a	n/a	n/a	n/a	Two male caribou observed
14-Nov-2017	HVdc Line (CT0327-001)	KM23.5 Batteau Barrens Access	n/a	n/a	n/a	n/a	Ten caribou observed
19-Nov-2017	HVdc Line (CT0327-001)	S3-290	n/a	n/a	n/a	n/a	Three caribou observed

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6.5 BIRDS

6.5.1 Lower Churchill Hydroelectric Generation Project

There were seven (7) bird sightings reported for the Lower Churchill Hydroelectric Generation Project in 2017.

Table 6-8 Bird Sightings and Interactions for the Lower Churchill Hydroelectric Generation Project in 2017

Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
18-May-2017	HVac Generation Site	Unidentified Raptor	KM17, SSAR	n/a	n/a	n/a	No additional actions required	n/a
29-Jun-2017	HVac Generation Site	Bald Eagle	Mackenzie River, north side	n/a	n/a	n/a	No additional actions required	n/a
30-Jun-2017	HVac Generation Site	Bald Eagle	Mackenzie River, north side	n/a	n/a	n/a	No additional actions required	n/a
19-Jul-2017	HVac Generation Site (CH0008)	Loon	Upstream	n/a	n/a	n/a	No additional actions required	Deceased; No project work occurring in the area. No signs of injury on loon.
2-Sep-2017	HVac Generation Site (CH0009)	Eider Duck	North Dam	n/a	n/a	n/a	No additional actions required	n/a
4-Oct-2017	HVac Generation Site (CH0049)	Ducks	Churchill River	n/a	n/a	n/a	No additional actions required	Two ducks observed during marine ops
18-Oct-2017	CD0508-005 L'Anse au Diable	Bald Eagle	Sitting on rock berm.	n/a	n/a	n/a	No additional actions required	n/a

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6.5.2 Labrador – Island Transmission Link

There were 98 bird sightings reported along the LITL in 2017.

Table 6-9 Bird Sightings and Interactions for the Labrador-Island Transmission Link in 2017

Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
26-Jan-2017	HVdc Line (CT0327-001)	Ptarmigan	Taylor's Brook Access Rd.	n/a	n/a	n/a	No additional actions required	Two individuals observed
28-Jan-2017	HVdc Line (CT0327-001)	Ptarmigan	KM16 Sunday Pond	n/a	n/a	n/a	No additional actions required	Two individuals observed
8-Mar-2017	HVdc Line (CT0327-001)	Eagle	Black Brook Access Road	n/a	n/a	n/a	No additional actions required	n/a
23-Mar-2017	HVdc Line (CT0327-001)	Bald Eagle	TCH Near Clarenville	n/a	n/a	n/a	No additional actions required	Several individuals observed
15-Apr-2017	HVdc Line (CT0327-001)	Bald Eagle	TCH in Segment 5	n/a	n/a	n/a	No additional actions required	Several individuals observed
17-Aug-2017	CD0501 Soldiers Pond	Juvenile puffin	Soldiers Pond	n/a	n/a	Puffin was placed in a box and transferred to	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
						the Puffin Patrol by LCP Env Coordinator.		
18-Apr-2017	HVdc Line (CT0327-001)	Eagle	S5-151	n/a	n/a	n/a	No additional actions required	n/a
5-May-2017	HVdc Line (CT0327-001)	Osprey	Chance Cove	n/a	n/a	n/a	No additional actions required	Two individuals observed
5-May-2017	HVdc Line (CT0327-001)	Unidentified Bird of Prey	S5-293	n/a	n/a	n/a	No additional actions required	n/a
9-May-2017	HVdc Line (CT0327-024)	Black Duck	MF Site Office Complex	n/a	n/a	n/a	No additional actions required	Two individuals observed
22-May-2017	HVdc Line (CT0327-001)	Geese	S4-646	n/a	n/a	n/a	No additional actions required	Three individuals observed
4-Jun-2017	HVdc Line (CT0327-001)	Grouse	Taylor's Brook Access Rd.	n/a	n/a	n/a	No additional actions required	Three individuals observed
5-Jun-2017	HVdc Line (CT0327-001)	Geese	S4-254 & S4-256	n/a	n/a	n/a	No additional actions required	Four individuals observed

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
20-Jun-2017	HVdc Line (CT0327-001)	Canada Geese	KM7 Taylor's Brook Access Rd.	n/a	n/a	n/a	No additional actions required	Two geese with several goslings
24-Jun-2017	HVdc Line (CT0327-001)	Osprey	-	n/a	n/a	n/a	No additional actions required	n/a
28-Jun-2017	HVdc Line (CT0327-001)	Owls	S5-213	n/a	n/a	n/a	No additional actions required	Two individuals observed
29-Jun-2017	HVdc Line (CT0327-001)	Owls	Between S4-387 & 388	n/a	n/a	n/a	No additional actions required	Two individuals observed
6-Jul-2017	HVdc Line (CT0327-001)	Ruffed Grouse	KM19.5 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
8-Jul-2017	HVdc Line (CT0327-001)	Rock Ptarmigan	Mercer's Pass	n/a	n/a	n/a	No additional actions required	n/a
18-Jul-2017	HVdc Line (CT0327-001)	Possible Northern Harrier	KM29 Batteau Barrens Access Rd	n/a	n/a	n/a	No additional actions required	n/a
1-Aug-2017	HVdc Line (CT0327-001)	Grouse	KM2 Resourse Rd	n/a	n/a	n/a	No additional actions required	Two individuals observed

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
4-Aug-2017	HVdc Line (CT0327-001)	Osprey	S4-628	n/a	n/a	n/a	No additional actions required	Two individuals observed
18-Aug-2017	HVdc Line (CT0327-001)	Eagle	Long Range Mountains	n/a	n/a	n/a	No additional actions required	n/a
18-Aug-2017	HVdc Line (CT0327-001)	Eagle	S5-250	n/a	n/a	n/a	No additional actions required	n/a
26-Aug-2017	HVdc Line (CT0327-001)	Ruffed Grouse	KM32.5 Taylor's Brook Road	n/a	n/a	n/a	No additional actions required	n/a
7-Sep-2017	HVdc Line (CT0327-001)	Osprey	S5-304	n/a	n/a	n/a	No additional actions required	Two individuals observed
10-Sep-2017	HVdc Line (CT0327-001)	Hawk	KM4 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
11-Sep-2017	HVdc Line (CT0327-001)	Hawk	S3-389	n/a	n/a	n/a	No additional actions required	n/a
12-Sep-2017	HVdc Line (CT0327-001)	Eagle	S3-436	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
17-Sep-2017	HVdc Line (CT0327-001)	Hawk	S4-08 172 Branch	n/a	n/a	n/a	No additional actions required	n/a
18-Sep-2017	HVdc Line (CT0327-024)	Bald Eagle	S3-520	n/a	n/a	n/a	No additional actions required	n/a
21-Sep-2017	HVdc Line (CT0327-024)	Hawk	KM62.5 Eagle Mountain Road	n/a	n/a	n/a	No additional actions required	2 Hawks Feeding on a moose kill at KM62.5
21-Sep-2017	HVdc Line (CT0327-024)	Hawk	KM36 Eagle Mountain Road	n/a	n/a	n/a	No additional actions required	1 Hawk feeding on road kill at KM36
22-Sep-2017	HVdc Line (CT0327-024)	Hawk	KM39 Eagle Mountain Road	n/a	n/a	n/a	No additional actions required	n/a
23-Sep-2017	HVdc Line (CT0342-002)	Osprey	S2-382	n/a	n/a	n/a	No additional actions required	n/a
24-Sep-2017	HVdc Line (CT0342-015)	Ruffed Grouse	KM38 Eagle Mountain Road	n/a	n/a	n/a	No additional actions required	n/a
25-Sep-2017	HVdc Line (CT0327-014)	Spruce Grouse	KM41 Pickett's Branch	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
26-Sep-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	Stored in cardboard box, LCP retrieved – release in Witless Bay after dusk	n/a	No additional actions required	n/a
27-Sep-2017	HVdc Line (CT0327-024)	Hawk	KM63 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Two hawks observed
27-Sep-2017	HVdc Line (CT0327-001)	Bald Eagle	KM63 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Two eagles observed
27-Sep-2017	HVdc Line (CT0327-001)	Bald Eagle	S4-007	n/a	n/a	n/a	No additional actions required	Remains of moose kill were left near structure S4-07, including head. Crows and bald eagles were in area feeding on carrion
28-Sep-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Two individuals - deceased
28-Sep-2017	HVdc Line (CT0327-001)	Hawk	S3-405	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
28-Sep-2017	HVdc Line (CT0327-001)	Hawk	S3-496	n/a	n/a	n/a	No additional actions required	n/a
28-Sep-2017	HVdc Line (CT0327-001)	Eagle	S3-436	n/a	n/a	n/a	No additional actions required	n/a
30-Sep-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	Stored in cardboard box, GE Power HSE Advisor released after dusk	n/a	No additional actions required	Two individuals
30-Sep-2017	HVdc Line (CT0327-001)	Eagle	KM75 Eagle Mountain Road	n/a	n/a	n/a	No additional actions required	Several individuals observed
30-Sep-2017	HVdc Line (CT0327-001)	Bald Eagle	S4-55	n/a	n/a	n/a	No additional actions required	Young bald eagle observed
30-Sep-2017	HVdc Line (CT0327-001)	Bald Eagle	KM51 Batteau Barrens South	n/a	n/a	n/a	No additional actions required	2 eagles spotted soaring above ROW near KM51
1-Oct-2017	HVdc Line (CT0327-001)	Hawk	S3-299	n/a	n/a	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
2-Oct-2017	HVdc Line (CT0327-001)	Hawk	S2-525	n/a	n/a	n/a	No additional actions required	n/a
3-Oct-2017	HVdc Line (CT0327-001)	Hawk	Between S3-303 and S3-304	n/a	n/a	n/a	No additional actions required	n/a
3-Oct-2017	HVdc Line (CT0327-001)	Hawk	Between S3-296 and S3-297	n/a	n/a	n/a	No additional actions required	n/a
3-Oct-2017	HVdc Line (CT0327-001)	Bald Eagle	Between S3-296 and S3-297	n/a	n/a	n/a	No additional actions required	n/a
4-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	Stored in cardboard box, LCP retrieved, released after dusk. Deceased bird disposed	n/a	No additional actions required	Two individuals – one alive, one deceased
5-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	Stored in cardboard box, LCP retrieved, released	n/a	No additional actions required	n/a

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
					after dusk.			
6-Oct-2017	HVdc Line (CT0327-001)	Osprey	Kenamu River	n/a	n/a	n/a	No additional actions required	n/a
9-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	G.J. Cahill laydown area	n/a	n/a	n/a	No additional actions required	Bird was severely dehydrated and stressed, deceased prior to release
11-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Deceased
12-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Three deceased individuals
12-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Seven individuals; stored in cardboard box, released after dusk.
12-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Three individuals; stored in cardboard box, LCP retrieved, released after dusk.
12-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Two individuals – deceased

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
13-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Stored in cardboard box, LCP retrieved, released after dusk.
13-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Three deceased individuals
13-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Six individuals. Stored in cardboard box, LCP retrieved, released after dusk.
13-Oct-2017	HVdc Line (CT0327-001)	Ruffed Grouse	KM19 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
15-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Two deceased individuals
15-Oct-2017	HVdc Line (CT0327-001)	Hawk	KM14 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
17-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Stored in cardboard box, LCP retrieved, released after dusk.
17-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Two individuals. Stored in cardboard box, LCP retrieved, released after dusk.

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
17-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Deceased
17-Oct-2017	HVdc Line (CT0327-001)	Bald Eagle	KM20 Sheffield Access Road	n/a	n/a	n/a	No additional actions required	Juvenile bald eagle
18-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Seven deceased individuals.
18-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Four individuals. Stored in Cardboard Box, LCP retrieved, released after dusk.
18-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Eight individuals. Stored in cardboard box, LCP retrieved, released after dusk.
18-Oct-2017	HVdc Line (CT0342-002)	Bald Eagle	Rock berm at L'Anse au Diable	n/a	n/a	n/a	No additional actions required	n/a
19-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Stored in cardboard box, LCP retrieved, released after dusk.
19-Oct-2017	HVdc Line (CT0342-001)	Eagle	KM2 Squid Cove Road	Immature eagles	n/a	n/a	No additional actions required	Two individuals observed

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
19-Oct-2017	HVdc Line (CT0342-001)	Eagle	KM2 Squid Cove Road	Immature eagles	n/a	n/a	No additional actions required	Three individuals observed
20-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Two individuals. Stored in cardboard box, LCP retrieved, released after dusk.
20-Oct-2017	HVdc Line (CT0342-001)	Eagle	KM2 Squid Cove Road	Immature eagle	n/a	n/a	No additional actions required	n/a
22-Oct-2017	HVdc Line (CT0342-001)	Eagle	KM2 Squid Cove Road	n/a	n/a	n/a	No additional actions required	Two individuals observed
23-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Stored in cardboard box, LCP retrieved, released after dusk.
24-Oct-2017	HVdc Line (CT0342-001)	Eagle	S3-163	n/a	n/a	n/a	No additional actions required	n/a
24-Oct-2017	HVdc Line (CT0342-001)	Eagle	KM8 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
24-Oct-2017	HVdc Line (CT0342-001)	Eagle	KM21 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Two individuals observed

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
25-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Stored in cardboard box, LCP retrieved, released after dusk.
25-Oct-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Stored in cardboard box, LCP retrieved, released after dusk.
26-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Five deceased individuals. Transported to Env. Canada
26-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Stored in cardboard box, LCP retrieved, released after dusk.
30-Oct-2017	HVdc Line (CT0342-001)	Eagle	S3-662	n/a	n/a	n/a	No additional actions required	Two individuals observed
31-Oct-2017	CD0501 Soldiers Pond	Leach's Storm Petrel	Converter Building	n/a	n/a	n/a	No additional actions required	Two deceased individuals. Transported to Env. Canada
7-Nov-2017	HVdc Line (CT0327-001)	Bald Eagle	KM1 Dawe's Pond Road	n/a	n/a	n/a	No additional actions required	n/a
10-Nov-2017	CD0534 Soldiers Pond	Leach's Storm Petrel	Synchronous Condenser Building	n/a	n/a	n/a	No additional actions required	Released after dusk

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Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
13-Nov-2017	HVdc Line (CT0342-001)	Eagle	KM23 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	Two individuals observed
14-Nov-2017	HVdc Line (CT0342-001)	Hawk	KM13.5 Batteau Barrens Road	n/a	n/a	n/a	No additional actions required	n/a
14-Nov-2017	HVdc Line (CT0342-001)	Eagle	KM22.5 Batteau Barrens South Access	n/a	n/a	n/a	No additional actions required	n/a

6.6 FISH AND AMPHIBIANS

6.6.1 Lower Churchill Hydroelectric Generation Project

There were no sightings for the Lower Churchill Hydroelectric Generation Project in 2017.

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6.6.2 Labrador – Island Transmission Link

There was one (1) fish/amphibian sighting along the LITL in 2017.

Table 6-10 Fish Sightings and Interactions for the Labrador-Island Transmission Link in 2017

Date	Project Component	Wildlife Observed	Location	Species Details	Interaction Details	Interaction Consequence	Additional actions undertaken	Notes
31-May-2017	HVdc Line (CT0327-001)	Frogs	S4-473	n/a	n/a	n/a	No additional actions required	Several frogs observed.