



Muskrat Falls Project

Monthly Report

December 2020

February 16, 2021



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1.0 Monthly Report Overview

This report¹ provides the monthly update for December 2020 on the following projects associated with the Muskrat Falls development:

- the 824 megawatt (MW) hydroelectric development at Muskrat Falls (the Muskrat Falls generating facility);
- two 315 kilovolt (kV) High Voltage alternating current (HVac) transmission lines between Muskrat Falls and Churchill Falls (the Labrador Transmission Assets or LTA); and
- the 1,100 km long High Voltage direct current (HVdc) transmission line between Muskrat Falls and Soldiers Pond (the Labrador-Island Link or LIL).

Included in this report are details on construction activities and costs, safety and environmental activities, procurement information, and details on stakeholder and community engagement initiatives during the reporting period. The report also provides detailed statistical tables summarizing employment and expenditure benefits generated from the Muskrat Falls Project.

2.0 Construction Progress

Overall construction on the generation and transmission projects is more than 99% complete. The primary focus for the project is on commissioning activities for Muskrat Falls and the LIL.

3.0 Construction Update

The safety of our workers, their families, our communities, and the public is of utmost importance to Nalcor and we are taking all responsible measures possible to protect people's health and safety through the COVID-19 pandemic.

Working closely with infectious disease experts and NL Public Health, we have stringent protocols in place to ensure the health and safety of workers and the community. We continue to update our site COVID-19 protocols to ensure our safety measures meet or exceed Public Health guidance.

3.1 Muskrat Falls Hydroelectric Generating Facility

Andritz Hydro (Andritz) is responsible for the turbines and generator contract.

Unit 1

On December 4, 2020, 45 megawatts (MW) of power from Muskrat Falls unit 1 was transmitted over the LIL to island customers, marking the first time Muskrat Falls power flowed over the LIL and to the island. Since the latter part of December, Muskrat Falls unit 1 has been running at maximum output of up to 206 MW and continues to operate at this steady state. On December 22, 2020, unit 1 was turned over from LCP construction to Power Supply operations who now operate the unit.

¹ This report is prepared by Lower Churchill Management Corporation (LCMC), the Nalcor Energy subsidiary responsible for managing the construction of the Muskrat Falls hydroelectric generating facility, the Labrador Transmission Assets and the Labrador-Island Transmission Link.

Unit 2

In early November 2020, unit 2 commissioning work was halted after the generator upper cooling air shroud rubber seal failed during an overspeed test. The generator shrouds are located above the rotor and are used to contain the air circulating through the machine. The shrouds are supported off the upper bracket and have a rubber seal which presses against the air seal on the stator. The contractor completed its repairs to Unit 2 in December 2020. With repairs completed, the contractor will resume overspeed testing in January 2021.

Power from the second generating unit is currently expected in spring 2021.

Units 3 and 4

Unit 3 assembly is approaching completion. Completion of unit 3 commissioning and Ready for Operation is currently forecast for May 2021.

The unit 4 rotor pole installation is underway. Completion of unit 4 commissioning and Ready for Operation is currently forecast for September 2021.



Inside the Muskrat Falls Powerhouse – view of work in the South Service Bay



Overlooking Unit #4 in the Muskrat Falls Powerhouse



Inside the Muskrat Falls
Powerhouse looking south
(Unit #4 to Unit #1)

3.2 Labrador Transmission Assets (LTA)

Turnover of the Churchill Falls and Muskrat Falls AC Switchyards to Nalcor Energy – Power Supply Operations has been completed.

3.3 Labrador-Island Link (LIL)

The 1,100 km LIL was constructed as a bipole transmission line meaning it has two wires and can deliver power over one or both wires.

On November 28, 2020, dynamic commissioning (testing) of the LIL pole 1 with Interim Bipole Software re-started. From December 18 to the end of the year, the LIL transferred power from Muskrat Falls and Churchill Falls with a peak power flow of 150 MW. Dynamic commissioning tests for the LIL pole 2 is expected to start in early January 2021.

In August 2020, an issue occurred on some fiberglass beams in the valve halls at Muskrat Falls and Soldiers Pond during dynamic commissioning resulting in a trip on LIL. As previously reported, the Final Valve Hall Remediation Plan will involve replacing all affected beams, even those that have been heat cured for the Interim Valve Hall Remediation Plan. Delivery of the replacement beams is a critical activity for determining final schedule. GE Grid has advised that the beam supplier is scheduled to start shipping beams by the end of the first quarter of 2021. Options for beam delivery and sequence of installation are being considered as part of the final plan. The Final Valve Hall Remediation Plan is expected from GE Grid in January 2021.

Additional information is available in the monthly reports to the Public Utilities Board. These reports are posted on the Muskrat Falls Project website: <https://muskratfalls.nalcorenergy.com/newsroom/reports/>

With power flowing from Muskrat Falls over the LIL to the island, we are adding to the energy supply for island customers and also selling surplus power over the Maritime Link to external markets in Atlantic Canada (up to 83 MW to date).

3.4 Construction Cost Summary

The current facilities capital cost estimate of the Muskrat Falls Project is \$10.2 billion (see Table 1).

3.4.1 Incurred Cost Overview

Table 1 summarizes the incurred costs for the project for the month and for the project to date. Incurred costs refer to the value of work performed during the period regardless of it being paid during the current period or at some point in the future.

In September 2020, Nalcor provided an update on the Muskrat Falls Project and COVID-19 pandemic impacts to cost and schedule. Information on this update is available on the Muskrat Falls Project website: <https://muskratfalls.nalcorenergy.com/newsroom/news-releases/>

Table 1 - Estimate & Incurred facilities costs for Muskrat Falls Project to December 2020 (In millions of CAD \$)*

Project Component	Current Cost Estimate (Sept 2020)	Incurred Cost Current Month	Incurred Cost Project to Date
Muskrat Falls Hydroelectric Generating Facility	\$5,560	\$23.5	\$5,331
Labrador Transmission Assets	\$880	\$0.8	\$868
Labrador-Island Link	\$3,737	\$6.2	\$3,607
Total	\$10,177	\$30.5	\$9,806

* Value excludes interest during construction and capitalized financing costs.

3.4.2 Monthly Expenditure Overview

- Total expenditures paid for the Muskrat Falls Project was over \$43 million in December 2020. This included over \$31 million paid to Newfoundland and Labrador businesses.
- From February 2013 to the end of the reporting period in December 2020, over \$3.4 billion has been spent directly with Newfoundland and Labrador-based companies.

4.0 Safety and Environment

4.1 Safety

LCP and all contractors working on the Muskrat Falls Project have a relentless commitment to the safety of workers and the public. Table 2 outlines the Health and Safety indicators and measurements for the month and for the project to date.

Table 2 - Health and Safety Indicators and Measurements – December 2020 and Project to Date

Indicator	December 2020	Project to Date
Orientations completed	4	57,726
Safety Step Backs completed	3,222	2,018,369
Work site inspections	87	103,300
Lost-time injuries	0	17
Medical aid incidents	1	121

4.2 Environment

The LCP Environment and Regulatory Compliance (ERC) Team is committed to maintaining a high standard of environmental responsibility that will help sustain a diverse and healthy environment for generations of Newfoundlanders and Labradorians.

5.0 Employment and Benefits

This section provides information on employment benefits generated during the month. Some of these activities are part of commitments made by LCP through the Benefits Strategy with the provincial government, the Impacts and Benefits Agreement (IBA) with Innu Nation, the Gender Equity and Diversity Program, and provincial and federal environmental regulatory commitments.

5.1 Employment Highlights

The employment highlights for the month of December are summarized below. Detailed employment information and statistics are outlined in Section 8.

- 105,052 hours were worked by 843 individuals on the projects, including over 78,543 hours of work in Labrador.
- 770 residents of Newfoundland and Labrador were employed on the projects (representing 91% of the total persons employed).
- 592 people were working in Labrador, of whom 172 were Labrador residents (approximately 28%). Of these 172 Labrador residents, 54 self-identified as a member of a Labrador Indigenous group (approximately 31%).

5.2 Gender Equity and Diversity

5.2.1 Employment of Women

During the month, 138 women were working on all project components (comprising approximately 16% of the total workforce). Of these, 70 were working in construction and assembly, 8 in engineering, and 60 in project management. Of the 138 women working on the project, 132 of them are Newfoundland and Labrador residents.

5.2.2 Labrador Innu Initiatives - Impacts and Benefits Agreement (IBA) Implementation Activities

During the month, 22 Innu were employed at Muskrat Falls. Innu workers were working in a wide range of occupations, including construction trades, labourers, camp accommodations and food services.

5.3 Community Engagement

LCP has established multiple venues for members of the public to ask questions, seek employment information, and get details about the Muskrat Falls development. LCP has a website that provides information on project construction activities (muskratfalls.nalcoreenergy.com). In addition, people can contact LCP through the toll-free number, or by email.

6.0 Definitions

Term	Definition
Benefits Strategy	Lower Churchill Construction Project Benefits Strategy as agreed by the Province of Newfoundland and Labrador and LCP.
Expenditures	Expenditures for the month are defined as those expenditures from invoices which have been approved for payment during the month.
Incurred Costs	Value of work performed during the period (month) regardless of it being paid during the current period or at some point in the future.
Industry Category	Based on the North American Industry Classification System (NAICS) and used to categorize companies for expenditure reporting.
Island or NF	Refers to the residency of employees, the location of work completed or the location of a company; includes residents from, work done on or companies located on the island portion of NL.
NOC Code	Occupational codes from the National Occupational Classification system, which is the standard system for classifying jobs in Canada. It is a hierarchical structure with four levels of classifications. Both the 2-digit and 4-digit classifications are used in this report.
Person Hours	Hours worked by individuals on the project.
Persons Employed	Any person who has worked at any time on the Project during the time period referenced.
Project to Date	Cumulative totals for the period from May 1, 2013 up to the end of the current month.
Residents	Residents of Newfoundland and Labrador who meet the requirements as defined in the Benefits Strategy.

7.0 Abbreviations and Acronyms

Abbreviation/Acronym	Definition
BMRS	Benefits Monitoring and Reporting System
C&A	Construction and Assembly
CBTU	Canada's Building Trades Unions
CLC	Community Liaison Committee
CNA	College of the North Atlantic
CPR	Cardiopulmonary Resuscitation
CTD	Centre Transition Dam
E&D	Engineering and Design
EMC	Environmental Management Committee
EMS	Environmental Management System
EPP	Emergency Preparedness Plans
ERC	Environment and Regulatory Compliance
FAT	Factory Acceptance Testing
GIS	Gas Insulated Switchgear
GPR	Ground Penetrating Radar
HDD	Horizontal Directional Drilling
HHRA	Human Health Risk Assessment
HVac	High voltage AC transmission
HVdc	High voltage DC transmission
IBA	Impacts and Benefits Agreement
INT	International (Location of Work or Company)
ISO	International Standards Organization
kV	Kilovolt
LATP	Labrador-Aboriginal Training Partnership
LCP	Lower Churchill Project
LIL	Labrador-Island Transmission Link
LRM	Long Range Mountains
LTA	Labrador Transmission Assets
MeHg	Methylmercury
MFG	Muskrat Falls Hydroelectric Generation Facility
MW	Megawatt
NLESA	Newfoundland and Labrador Endangered Species Act
NLOWE	Newfoundland and Labrador Organization of Women Entrepreneurs
OAWA	Office to Advance Women Apprentices
OC	Other Canada
OSEM	On-site Environmental Monitor
PAO	Provincial Archaeology Office
PEGNL	Professional Engineers and Geoscientists of Newfoundland and Labrador
PM	Project Management
RCC	Roller-compacted concrete
Res	Residents of Newfoundland and Labrador
RFP	Request for Proposal
ROW	Right of Way
SOBI	Strait of Belle Isle
T&G	Turbine and Generator
THg	Total Mercury
TTO	Transition to Operations

8.0 Employment Benefits

All information on employment is provided by both person hours and the number of persons employed for the following categories:

- Total employment
- Employment by NOC Code
- Employment by Location of Work
- Employment by Indigenous Affiliation
- Employment by Gender

8.1 Total Employment

Tables 3 through 5 break out the project employment in both person hours and persons employed by location of work and residency.

Table 3 - Person Hours of Employment by Location of Work and Residency (December 2020)

Work Location	Residency								Total
	Island		Labrador		Other Canada		Non-Canadian		
	at Location	% of Total	at Location	% of Total	at Location	% of Total	at Location	% of Total	
Island	20,605	79.7%	374	1.4%	3,942	15.2%	933	3.6%	25,854
Labrador	54,389	69.2%	20,735	26.4%	3,087	3.9%	332	0.4%	78,543
Other Canada	-	0.0%	-	0.0%	432	100.0%	-	0.0%	432
International	-	0.0%	-	0.0%	223	100.0%	-	0.0%	223
Total	74,995	71.4%	21,109	20.1%	7,684	7.3%	1,265	1.2%	105,052

Table 4- Person Hours of Employment by Location of Work and Residency (Project to Date)

Work Location	Residency								Total
	Island		Labrador		Other Canada		Non-Canadian		
	At Location	% of Total	At Location	% of Total	At Location	% of Total	at Location	% of Total	
Island	6,821,517	80.8%	207,834	2.5%	1,255,274	14.9%	157,463	1.9%	8,442,089
Labrador	23,186,019	59.3%	10,286,582	26.3%	5,207,147	13.3%	418,331	1.1%	39,098,078
Other Canada	8,940	2.2%	-	0.0%	383,318	95.9%	7,618	1.9%	399,876
International	-	0.0%	-	0.0%	13,597	16.3%	69,997	83.7%	83,594
Total	30,016,476	62.5%	10,494,416	21.9%	6,859,336	14.3%	653,409	1.4%	48,023,636

Table 5 - Number of Persons Employed by Location of Work and Residency (December 2020)

Work Location	Residency								Total
	Island		Labrador		Other Canada		Non-Canadian		
	At Location	% of Total	At Location	% of Total	At Location	% of Total	At Location	% of Total	
Island	176	82.6%	2	0.9%	29	13.6%	6	2.8%	213
Labrador	420	68.1%	172	27.9%	22	3.6%	3	0.5%	617
Other Canada	-	0.0%	-	0.0%	12	100.0%	-	0.0%	12
International	-	0.0%	-	0.0%	1	100.0%	-	0.0%	1
Total	596	70.7%	174	20.6%	64	7.6%	9	1.1%	843

8.2 Employment by NOC Code

Tables 6 and 7 summarize project employment by 2-digit NOC Code. Appendix A contains an overview of the methodology used to capture employment by job title and how that information is converted to NOC codes. In addition, occupational information by 4-digit NOC code as well as information on employment by NOC code and gender, Indigenous affiliation and for residents of Labrador is also provided in Appendix A.

Table 6 - Person Hours of Employment by 2-Digit NOC Code (December 2020 and Project to Date)

2-Digit NOC Code	Current Month				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
00 - Senior management occupations	116	-	1,114	1,230	137,170	8,008	105,525	250,702
01-05 - Specialized middle management occupations	580	350	2,156	3,085	546,846	132,907	449,907	1,129,660
07-09 - Middle management occupations in trades, transportation, production and utilities	487	-	2,248	2,735	684,934	12,249	313,404	1,010,588
11 - Professional occupations in business and finance	580	-	1,753	2,332	227,596	18,456	383,473	629,524
12 - Administrative and financial supervisors and administrative occupations	709	412	3,156	4,277	631,833	202,495	726,033	1,560,362
13 - Finance, insurance and related business administrative occupations	-	64	894	958	107,897	16,845	162,263	287,004
14 - Office support occupations	-	-	152	152	333,671	72	10,703	344,446
21 - Professional occupations in natural and applied sciences	2,340	2,634	13,688	18,661	2,150,413	773,496	2,207,518	5,131,427
22 - Technical occupations related to natural and applied sciences	1,420	1,963	3,796	7,179	1,570,992	416,495	857,130	2,844,617
32 - Technical occupations in health	2,620	-	160	2,780	350,725	-	7,828	358,553
41 - Professional occupations in law and social, community and government services	-	148	894	1,042	232,188	112,172	218,703	563,063
43 - Occupations in front-line public protection services	686	75	-	760	89,504	376	3,339	93,218
63 - Service supervisors and specialized service occupations	1,867	-	-	1,867	330,144	-	7,472	337,616
65 - Service representatives and other customer and personal services occupations	5,402	208	-	5,610	726,194	16,090	6,593	748,877
67 - Service support and other service occupations, n.e.c.	8,046	-	-	8,046	1,819,686	-	4,142	1,823,827
72 - Industrial, electrical and construction trades	21,314	-	2,908	24,222	13,708,378	12,804	281,980	14,003,162
73 - Maintenance and equipment operation trades	9,782	-	1	9,783	2,569,446	2,193	49,073	2,620,711
74 - Other installers, repairers and servicers and material handlers	1,952	-	332	2,284	363,155	48	36,666	399,869
75 - Transport and heavy equipment operation and related maintenance occupations	4,243	-	-	4,243	6,109,174	2,145	112,078	6,223,397
76 - Trades helpers, construction labourers and related occupations	3,606	-	-	3,606	6,839,636	3,995	111,310	6,954,941
82 - Supervisors and technical occupations in natural resources, agriculture and related production	-	-	-	-	542,351	-	7,696	550,046
86 - Harvesting, landscaping and natural resources labourers	-	-	-	-	81,250	60	6,723	88,033
92 - Processing, manufacturing and utilities supervisors and central control operators	-	-	204	204	37,660	-	32,349	70,008
All Occupation Categories	65,747	5,853	33,452	105,052	40,190,843	1,730,904	6,101,906	48,023,652

Table 7 - Residents Hired by 2-Digit NOC Code (December 2020)

2-Digit NOC Code	C&A			E&D			PM			Total		
	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total
00 - Senior management occupations	1	1	100%	-	-	0%	2	7	29%	3	8	38%
01-05 - Specialized middle management occupations	4	4	100%	2	4	50%	18	19	95%	24	27	89%
07-09 - Middle management occupations in trades, transportation, production and utilities	3	3	100%	-	-	0%	10	13	77%	13	16	81%
11 - Professional occupations in business and finance	4	5	80%	-	-	0%	17	17	100%	21	22	95%
12 - Administrative and financial supervisors and administrative occupations	5	5	100%	2	3	67%	22	24	92%	29	32	91%
13 - Finance, insurance and related business administrative occupations	-	-	0%	1	1	100%	11	11	100%	12	12	100%
14 - Office support occupations	-	-	0%	-	-	0%	1	1	100%	1	1	100%
21 - Professional occupations in natural and applied sciences	12	17	71%	7	24	29%	80	98	82%	99	139	71%
22 - Technical occupations related to natural and applied sciences	12	13	92%	9	12	75%	32	37	86%	53	62	85%
32 - Technical occupations in health	16	16	100%	-	-	0%	1	1	100%	17	17	100%
41 - Professional occupations in law and social, community and government services	-	-	0%	-	1	0%	11	11	100%	11	12	92%
43 - Occupations in front-line public protection services	4	4	100%	-	1	0%	-	-	0%	4	5	80%
63 - Service supervisors and specialized service occupations	9	11	82%	-	-	0%	-	-	0%	9	11	82%
65 - Service representatives and other customer and personal services occupations	34	35	97%	1	1	100%	-	-	0%	35	36	97%
67 - Service support and other service occupations, n.e.c.	57	57	100%	-	-	0%	-	-	0%	57	57	100%
72 - Industrial, electrical and construction trades	185	187	99%	-	-	0%	15	15	100%	200	202	99%
73 - Maintenance and equipment operation trades	94	96	98%	-	-	0%	1	1	100%	95	97	98%
74 - Other installers, repairers and servicers and material handlers	17	17	100%	-	-	0%	2	2	100%	19	19	100%
75 - Transport and heavy equipment operation and related maintenance occupations	39	39	100%	-	-	0%	-	-	0%	39	39	100%
76 - Trades helpers, construction labourers and related occupations	27	27	100%	-	-	0%	-	-	0%	27	27	100%
82 - Supervisors and technical occupations in natural resources, agriculture and related production	-	-	0%	-	-	0%	-	-	0%	-	-	0%
86 - Harvesting, landscaping and natural resources labourers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
92 - Processing, manufacturing and utilities supervisors and central control operators	-	-	0%	-	-	0%	2	2	100%	2	2	100%
All Occupation Categories	523	537	97%	22	47	47%	225	259	87%	770	843	91%

8.3 Employment by Location of Work

Table 8 - Person Hours of Employment by Location of Work (December 2020 and Project to Date)

Work Location	Current Period				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
NL								
Island	2,360	4,242	19,253	25,854	3,675,503	1,204,645	3,561,941	8,442,089
Labrador	63,388	1,223	13,933	78,543	36,260,879	347,365	2,490,055	39,098,299
Total NL	65,747	5,464	33,185	104,397	39,936,382	1,552,010	6,051,996	47,540,388
Other Canada	-	388	44	432	189,907	178,779	30,969	399,655
Total Canada	65,747	5,853	33,229	104,829	40,126,288	1,730,789	6,082,965	47,940,042
International	-	-	223	223	64,554	109	18,931	83,594
All Locations	65,747	5,853	33,452	105,052	40,190,842	1,730,898	6,101,896	48,023,636

Table 9 - Residents Hired by Location of Work (December 2020)

Work Location	C&A			E&D			PM			Total		
	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as a % of Total
NL												
Island	18	19	95%	17	30	57%	143	164	87%	178	213	84%
Labrador	505	518	97%	5	6	83%	82	93	88%	592	617	96%
Total NL	523	537	97%	22	36	61%	225	257	88%	770	830	93%
Other Canada	-	-	0%	-	11	0%	-	1	0%	-	12	0%
Total Canada	523	537	97%	22	47	47%	225	258	87%	770	842	91%
International	-	-	0%	-	-	0%	-	1	0%	-	1	0%
Total	523	537	97%	22	47	47%	225	259	87%	770	843	91%

8.4 Employment by Indigenous Affiliation

Table 10 - Person Hours of Employment by Indigenous Affiliation (December 2020 and Project to Date)

Indigenous Group	Current Period				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
Labrador Innu ^(a)	2,360	-	102	2,462	1,495,372	-	41,015	1,536,388
Nunatsiavut ^(a)	1,718	-	-	1,718	1,058,044	23,146	37,519	1,118,708
NunatuKavut ^(a)	1,179	214	240	1,633	1,344,059	18,017	46,630	1,408,706
Other NL Indigenous ^(a)	860	-	150	1,010	576,974	-	44,846	621,820
Indigenous-Other Canada	168	-	-	168	207,739	-	2,362	210,101
Non-Indigenous ^(b)	59,461	5,639	32,960	98,060	35,581,958	1,689,986	5,855,967	43,127,911
All Groups	65,747	5,853	33,452	105,052	40,264,147	1,731,149	6,028,339	48,023,635

^(a)Also NL residents

^(b)Includes residents and non-residents

Table 11 - Persons Employed by Indigenous Affiliation (December 2020)

Indigenous Group	C&A		E&D		PM		Total	
	Persons	%	Persons	%	Persons	%	Persons	%
Residents								
Labrador Innu	20	3.8%	-	0.0%	2	0.9%	22	2.9%
Nunatsiavut	14	2.7%	-	0.0%	-	0.0%	14	1.8%
NunatuKavut	9	1.7%	1	4.5%	1	0.4%	11	1.4%
Other Indigenous	7	1.3%	-	0.0%	1	0.4%	8	1.0%
All Indigenous	50	9.6%	1	4.5%	4	1.8%	55	7.1%
Non-Indigenous	473	90.4%	21	95.5%	221	98.2%	715	92.9%
Total	523	100%	22	100%	225	100%	770	100%
Non Residents								
Indigenous–Canada	1	7.1%	-	0.0%	-	0.0%	1	1.4%
Non-Indigenous	13	92.9%	25	100.0%	34	100.0%	72	98.6%
Total	14	100%	25	100%	34	100%	73	100%
Summary								
Indigenous	51	9.5%	1	2.1%	4	1.5%	56	6.6%
Non-Indigenous	486	90.5%	46	97.9%	255	98.5%	787	93.4%
Total	537	100%	47	100%	259	100%	843	100%

Tables 12 through 14 summarize the employment of Indigenous people and non-Indigenous people both in terms of hours worked and persons employed by location of work during the month and for the Project to Date.

Table 12 - Person Hours of Employment by Location of Work and Indigenous Affiliation (December 2020)

Work Location	Labrador Innu		NunatuKavut		Nunatsiavut		Other Indigenous		Non-Indigenous		Total
	At Location	%	At Location	%	At Location	%	At Location	%	At Location	%	
Island	-	0.0%	214	0.8%	-	0.0%	150	0.6%	25,490	98.6%	25,854
Labrador	2,462	3.1%	1,419	1.8%	1,718	2.2%	1,029	1.3%	71,915	91.6%	78,543
Other Canada	-	0.0%	-	0.0%	-	0.0%	-	0.0%	432	100.0%	432
International	-	0.0%	-	0.0%	-	0.0%	-	0.0%	223	100.0%	223
All Locations	2,462	2.3%	1,633	1.6%	1,718	1.6%	1,179	1.1%	98,060	93.3%	105,052

Table 13 - Person Hours of Employment by Location of Work and Indigenous Affiliation (Project to Date)

Work Location	Labrador Innu		NunatuKavut		Nunatsiavut		Other Indigenous		Non-Indigenous		Total
	At Location	%	At Location	%	At Location	%	At Location	%	At Location	%	
Island	2,961	0.0%	72,227	0.9%	25,649	0.3%	81,488	1.0%	8,259,764	97.8%	8,442,089
Labrador	1,533,427	3.9%	1,336,479	3.4%	1,093,060	2.8%	747,091	1.9%	34,388,022	88.0%	39,098,078
Other Canada	-	0.0%	-	0.0%	-	0.0%	3,343	0.8%	396,533	99.2%	399,876
International	-	0.0%	-	0.0%	-	0.0%	-	0.0%	83,594	100.0%	83,594
All Locations	1,536,388	3.2%	1,408,706	2.9%	1,118,708	2.3%	831,922	1.7%	43,127,912	89.8%	48,023,636

Table 14 - Number of Persons Employed by Location of Work and Indigenous Affiliation (December 2020)

Work Location	Labrador Innu		NunatuKavut		Nunatsiavut		Other Indigenous		Non-Indigenous		Total
	At Location	%	At Location	%	At Location	%	At Location	%	At Location	%	
Island	-	0.0%	1	0.5%	-	0.0%	1	0.5%	211	99.1%	213
Labrador	22	3.6%	10	1.6%	14	2.3%	8	1.3%	563	91.2%	617
Other Canada	-	0.0%	-	0.0%	-	0.0%	-	0.0%	12	100.0%	12
International	-	0.0%	-	0.0%	-	0.0%	-	0.0%	1	100.0%	1
All Locations	22	2.6%	11	1.3%	14	1.7%	9	1.1%	787	93.4%	843

8.5 Employment by Gender

Table 15 - Person Hours of Employment by Gender (December 2020 and Project to Date)

Gender	Current Period				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
Female	9,496	826	6,484	16,806	4,013,471	253,901	1,309,233	5,576,605
Male	56,252	5,026	26,969	88,247	36,250,676	1,477,248	4,719,106	42,447,031
Total	65,747	5,853	33,452	105,052	40,264,147	1,731,150	6,028,339	48,023,636

Table 16 - Persons Employed by Gender (December 2020)

Gender	C&A		E&D		PM		Total	
	Persons	%	Persons	%	Persons	%	Persons	%
Residents								
Female	69	13.2%	5	22.7%	58	25.8%	132	17.1%
Male	454	86.8%	17	77.3%	167	74.2%	638	82.9%
Total	523	100%	22	100%	225	100%	770	100%
Non Residents								
Female	1	7.1%	3	12.0%	2	5.9%	6	8.2%
Male	13	92.9%	22	88.0%	32	94.1%	67	91.8%
Total	14	100%	25	100%	34	100%	73	100%
Summary								
Female	70	13.0%	8	17.0%	60	23.2%	138	16.4%
Male	467	87.0%	39	83.0%	199	76.8%	705	83.6%
Total	537	100%	47	100%	259	100%	843	100%

9.0 Expenditures and Procurement

Expenditures are captured through direct entry of expenditure breakdowns by contractors which enter directly into the benefits system. For all other contractors, a listing of payments approved during the month from the project's financial accounting system is used. In all cases, expenditure totals are those that are approved for payment during the month.

9.1 Expenditures by Location of Company and Industry Category

Table 17 - Total Value of Expenditures by Location of Company and Industry Category (\$CDN; December 2020)

Industry	Labrador	Newfoundland	Other Canada	Non-Canadian	Totals
Accommodation and Food Services	9,247	3,633,442	2,912	-	3,645,601
Administrative and Support, Waste Management and Remediation Services	-	-	-	-	-
Agriculture, Forestry, Fishing and Hunting	-	-	-	-	-
Arts, Entertainment and Recreation	-	-	-	-	-
Construction	1,456,239	6,516,551	640,649	-	8,613,439
Educational Services	-	9,375	-	-	9,375
Finance and Insurance	-	8,512,710	263,926	62,506	8,839,142
Health Care and Social Assistance	-	-	1,025,626	-	1,025,626
Information and Cultural Industries	-	-	14,990	4,587	19,577
Management of Companies and Enterprises	-	-	-	-	-
Manufacturing	-	20,546	7,024,982	-	7,045,528
Mining, Quarrying, and Oil and Gas Extraction	-	-	-	-	-
Other Services, Including Maintenance and Repair	19,962	1,715,045	16,812	-	1,751,819
Professional, Scientific and Technical Services	78,446	4,504,848	2,353,910	74,549	7,011,754
Public Administration	1,484,299	-	-	-	1,484,299
Real Estate, Rental and Leasing	3,750	-	24,038	-	27,788
Retail Trade	6,986	19,226	-	-	26,212
Transportation and Warehousing	544,780	395,243	-	-	940,023
Utilities	-	2,716,062	16,457	-	2,732,520
Wholesale Trade	122,734	8,049	13,648	-	144,432
Grand Total	3,726,443	28,051,100	11,397,951	141,642	43,317,136

Table 18 - Total Value of Expenditures by Location of Company and Industry Category (\$CDN; Project to Date)

Industry	Labrador	Newfoundland	Other Canada	Non-Canadian	Totals
Accommodation and Food Services	3,234,375	310,106,909	18,551,774	139,278	332,032,335
Administrative and Support, Waste Management and Remediation Services	864,661	11,265,001	284,858	7,333	12,421,852
Agriculture, Forestry, Fishing and Hunting	15,240	117,680,461	5,635,780	-	123,331,481
Arts, Entertainment and Recreation	304,621	133,498	44,500	22,611	505,230
Construction	673,555,565	1,212,729,434	3,544,726,400	51,632,403	5,482,643,802
Educational Services	151,149	576,692	4,949,491	15,580	5,692,911
Finance and Insurance	360,831	58,729,434	38,133,892	6,889,357	104,113,514
Health Care and Social Assistance	4,500	4,765,415	10,917,702	-	15,687,616
Information and Cultural Industries	44,921	1,622,961	4,529,182	3,510,765	9,707,830
Management of Companies and Enterprises	-	-	-	-	-
Manufacturing	8,424,452	37,956,919	923,287,966	264,130,946	1,233,800,283
Mining, Quarrying, and Oil and Gas Extraction	4,819,822	1,495,159	24,831,141	1,200	31,147,322
Other Services, Including Maintenance and Repair	1,295,127	146,558,924	476,081,320	95,458,740	719,394,112
Professional, Scientific and Technical Services	8,470,969	448,241,012	597,760,373	26,027,860	1,080,500,214
Public Administration	54,683,409	4,735,453	1,550,637	11,488	60,980,988
Real Estate, Rental and Leasing	920,751	1,232,295	4,030,021	22,500	6,205,568
Retail Trade	1,559,376	15,641,622	948,331	14,619	18,163,948
Transportation and Warehousing	39,410,666	47,005,064	53,095,425	1,424,168	140,935,323
Utilities	771,979	233,616,571	68,805,626	19,382	303,213,559
Wholesale Trade	11,041,591	5,054,075	3,638,304	16,458,656	36,192,626
Totals	809,934,005	2,659,146,899	5,781,802,723	465,786,886	9,716,670,512

9.2 Procurement

Tables 19-21 provide details on procurement activities for all components of the Muskrat Falls Project. Appendix B contains a list of all contracts awarded to date since Project Sanction.

Table 19 - Contracts Awarded During December 2020

Package #	Package Title	Award Date	Successful Bidder(s)
No contracts awarded during December 2020			

Table 20 - Request for Proposals Issued

Package #	Package Title	RFP Issue Status	Qualified Bidders
No requests for proposals were issued during December 2020			

Table 21 - Upcoming Request for Proposals (RFP)

Package #	Package Title	Forecasted Bidder Selection Start	Forecasted RFP Issue Date
There are currently no upcoming requests for proposals.			

Appendix A—Employment by 4-Digit NOC Code

Table 22-Person Hours of Employment by 4-Digit NOC Code (December 2020)

4-Digit NOC Code	Current Month				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
0016 - Senior Managers - Goods Production, Utilities, Transportation and Construction	116	-	1,114	1,230	137,170	8,008	105,525	250,702
0111 - Financial Managers	112	-	259	371	16,475	-	35,002	51,476
0112 - Human Resources Managers	168	80	150	398	233,560	22,935	59,235	315,730
0113 - Purchasing Managers	-	-	144	144	20,805	9,932	22,904	53,641
0114 - Other Administrative Services Managers	168	-	168	336	150,633	3,023	44,170	197,826
0124 - Advertising, marketing and public relations managers	-	-	-	-	6,616	-	4,520	11,136
0125 - Other Business Services Managers	-	-	184	184	22,626	137	62,685	85,448
0211 - Engineering Managers	132	139	1,128	1,398	84,873	82,162	190,467	357,502
0213 - Computer and Information Systems Managers	-	131	124	255	11,259	14,719	30,927	56,904
0711 - Construction Managers	487	-	2,248	2,735	684,934	12,249	313,404	1,010,588
1111 - Financial Auditors and Accountants	-	-	226	226	39,746	1,658	32,336	73,739
1114 - Other Financial Officers	440	-	959	1,399	29,285	3,222	140,365	172,871
1121 - Human Resources professionals	140	-	318	458	127,536	13,547	150,257	291,340
1122 - Professional Occupations in Business management consulting	-	-	-	-	-	-	-	-
1123 - Professional occupations in advertising, marketing and public relations	-	-	250	250	31,030	31	60,519	91,579
1221 - Administrative Officers	-	250	494	744	53,444	89,768	70,415	213,627
1223 - Human resources and Recruitment Officers	-	-	-	-	3,058	3,741	26,589	33,387
1225 - Purchasing Agents and Officers	120	-	1,452	1,572	186,908	65,509	418,662	671,079
1241 - Administrative Assistants	589	162	1,211	1,961	388,423	43,480	210,371	642,273
1311 - Accounting technicians and bookkeepers	-	64	894	958	107,897	16,845	162,263	287,004
1411 - General Office support workers	-	-	-	-	332,346	72	1,813	334,230
1431 - Accounting and Related Clerks	-	-	152	152	1,325	-	8,891	10,215
2113 - Geologists, Geochemists and Geophysicists	-	-	-	-	7,849	12,446	15,145	35,439
2131 - Civil Engineers	200	709	1,387	2,296	567,342	237,966	386,050	1,191,357
2132 - Mechanical Engineers	432	1,046	3,326	4,804	121,711	74,851	308,332	504,894
2133 - Electrical and Electronics Engineers	264	392	2,562	3,218	118,741	231,804	346,527	697,072
2141 - Industrial and Manufacturing Engineers	356	-	1,900	2,256	531,354	19,202	369,547	920,103
2144 - Geological Engineers	-	18	-	18	3,647	30,265	7,836	41,747
2147 - Computer Engineers (Except Software Engineers and Designers)	-	-	-	-	4,449	11,503	4,181	20,133
2148 - Other Professional Engineers, n.e.c.	1,088	301	3,244	4,632	311,762	120,703	492,847	925,312
2151 – Architects	-	-	-	-	320	5,174	-	5,494
2153 - Urban and Land Use Planners	-	-	196	196	14,502	10,793	73,693	98,987
2154 - Land Surveyors	-	-	324	324	442,586	173	81,727	524,485
2171 - Information Systems Analysts and Consultants	-	168	751	919	26,152	18,622	121,644	166,417
2221 - Biological Technologists and Technicians	-	-	-	-	-	-	-	-

4-Digit NOC Code	Current Month				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
2231 - Civil Engineering Technologists and Technicians	-	277	300	577	380,955	95,303	85,889	562,147
2232 - Mechanical Engineering Technologists and Technicians	389	139	176	704	217,351	17,269	38,961	273,581
2234 - Construction Estimators	-	-	143	143	34,444	25,558	33,123	93,124
2241 - Electrical and Electronics Engineering Technologists and Technicians	80	225	1,169	1,474	50,070	38,186	212,049	300,305
2243 - Industrial Instrument Technicians and Mechanics	146	-	-	146	23,993	-	8,006	31,999
2251 - Architectural Technologists and Technicians	53	-	-	53	8,061	5,301	300	13,661
2253 - Drafting Technologists and Technicians	-	368	-	368	180,396	84,706	14,978	280,079
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	753	954	1,648	3,355	587,508	110,177	231,278	928,962
2264 - Construction Inspectors	-	-	308	308	88,152	39,919	231,208	359,278
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	52	52	64	80	1,343	1,486
3234 - Paramedical Occupations	2,620	-	160	2,780	350,725	-	7,828	358,553
4112 - Lawyers and Quebec Notaries	-	-	65	65	686	-	5,832	6,518
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	-	148	829	977	200,178	112,172	181,007	493,357
4162 - Economists and Economic Policy Researchers and Analysts	-	-	-	-	1,146	-	31,825	32,971
4169 - Other Professional Occupations in Social Science, n.e.c.	-	-	-	-	30,178	-	41	30,218
4312 - Firefighters	686	75	-	760	89,504	376	3,339	93,218
6313 - Accommodation, travel, tourism and related services supervisors	1,020	-	-	1,020	117,893	-	4,470	122,363
6321 - Chefs	-	-	-	-	1,134	-	-	1,134
6322 - Cooks	847	-	-	847	211,117	-	3,002	214,119
6541 - Security Guards and Related security service Occupations	5,402	208	-	5,610	726,194	16,090	6,593	748,877
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	8,046	-	-	8,046	1,819,686	-	4,142	1,823,827
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	337	-	-	337	341,876	134	8,136	350,146
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	577	-	-	577	242,464	57	12,402	254,923
7203 - Contractors and Supervisors, Pipefitting Trades	352	-	-	352	96,934	-	705	97,639
7204 - Contractors and Supervisors, Carpentry Trades	450	-	-	450	469,036	15	22,152	491,203
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	559	-	170	729	807,585	9,829	43,068	860,481
7233 - Sheet Metal Workers	2,689	-	-	2,689	176,923	-	1,825	178,748
7234 - Boilermakers	272	-	-	272	50,303	-	-	50,303
7236 - Ironworkers	411	-	-	411	2,185,464	-	4,014	2,189,478
7237 - Welders and Related Machine Operators	335	-	-	335	298,242	192	2,424	300,858
7242 - Industrial Electricians	5,846	-	2,738	8,584	1,755,557	1,849	78,857	1,836,263
7244 - Electrical Power Line and Cable Workers	-	-	-	-	701,719	-	21,485	723,204
7251 - Plumbers	303	-	-	303	85,647	-	3,719	89,366
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	3,163	-	-	3,163	435,145	280	619	436,044

4-Digit NOC Code	Current Month				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
7271 – Carpenters	3,607	-	-	3,607	5,388,333	448	73,481	5,462,262
7281 – Bricklayers	790	-	-	790	544,859	-	8,957	553,817
7293 – Insulators	654	-	-	654	41,090	-	-	41,090
7294 - Painters and Decorators (except interior decorators)	971	-	-	971	87,198	-	137	87,335
7301 - Contractors and supervisors, mechanic trades	976	-	-	976	126,329	-	358	126,687
7302 - Contractors and supervisors, heavy equipment operator crews	528	-	-	528	373,353	-	5,678	379,031
7311 - Construction Millwrights and Industrial Mechanics	7,298	-	-	7,298	423,652	-	28,431	452,083
7312 - Heavy- Duty Equipment Mechanics	371	-	1	372	704,956	1,033	2,563	708,551
7371 - Crane Operators	609	-	-	609	698,356	-	11,724	710,080
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	-	-	-	-	211,679	1,160	182	213,021
7384 - Other Trades and Related Occupations, n.e.c.	-	-	-	-	31,120	-	139	31,258
7452 - Material Handlers	1,952	-	332	2,284	363,155	48	36,666	399,869
7511 - Transport Truck Drivers	1,371	-	-	1,371	1,986,521	689	27,515	2,014,724
7512 - Bus Drivers, Subway Operators and Other Transit Operators	838	-	-	838	340,781	-	1,539	342,320
7521 - Heavy Equipment Operators (Except Crane)	2,034	-	-	2,034	3,776,240	1,457	83,023	3,860,720
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	-	-	5,635	-	-	5,635
7611 - Construction Trades Helpers and Labourers	306	-	-	306	1,141,359	189	45,125	1,186,673
7612 - Other Trades Helpers and Labourers	3,300	-	-	3,300	5,698,277	3,807	66,185	5,768,268
8211 - Supervisors, Logging and Forestry	-	-	-	-	58,359	-	700	59,059
8241 - Logging Machinery Operators	-	-	-	-	483,992	-	6,996	490,988
8616 - Logging and Forestry Labourers	-	-	-	-	81,250	60	6,723	88,033
9241 - Power Engineers and power system operators	-	-	204	204	37,660	-	32,349	70,008
All Occupation Codes	65,747	5,853	33,452	105,052	40,190,846	1,730,912	6,101,925	48,023,682

Table23-Residents Hired by 4-Digit NOC Code (December 2020)

4-Digit NOC Code	C&A			E&D			PM			Total		
	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total
0016 - Senior Managers - Goods Production, Utilities, Transportation and Construction	1	1	100%	-	-	0%	2	7	29%	3	8	38%
0111 - Financial Managers	1	1	100%	-	-	0%	3	3	100%	4	4	100%
0112 - Human Resources Managers	1	1	100%	1	1	100%	2	2	100%	4	4	100%
0113 - Purchasing Managers	-	-	0%	-	-	0%	1	1	100%	1	1	100%
0114 - Other Administrative Services Managers	1	1	100%	-	-	0%	1	1	100%	2	2	100%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	-	-	0%	-	-	0%	3	3	100%	3	3	100%
0211 - Engineering Managers	1	1	100%	-	2	0%	7	8	88%	8	11	73%
0213 - Computer and Information Systems Managers	-	-	0%	1	1	100%	1	1	100%	2	2	100%
0711 - Construction Managers	3	3	100%	-	-	0%	10	13	77%	13	16	81%
1111 - Financial Auditors and Accountants	-	-	0%	-	-	0%	3	3	100%	3	3	100%
1114 - Other Financial Officers	3	4	75%	-	-	0%	8	8	100%	11	12	92%
1121 - Human Resources professionals	1	1	100%	-	-	0%	3	3	100%	4	4	100%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	-	-	0%	-	-	0%	3	3	100%	3	3	100%
1221 - Administrative Officers	-	-	0%	1	1	100%	3	3	100%	4	4	100%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1225 - Purchasing Agents and Officers	1	1	100%	-	-	0%	9	11	82%	10	12	83%
1241 - Administrative Assistants	4	4	100%	1	2	50%	10	10	100%	15	16	94%
1311 - Accounting technicians and bookkeepers	-	-	0%	1	1	100%	11	11	100%	12	12	100%
1411 - General Office support workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	1	1	100%	1	1	100%
2113 - Geologists, Geochemists and Geophysicists	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2131 - Civil Engineers	1	1	100%	3	6	50%	12	13	92%	16	20	80%
2132 - Mechanical Engineers	1	3	33%	1	6	17%	18	20	90%	20	29	69%
2133 - Electrical and Electronics Engineers	1	2	50%	1	7	14%	11	20	55%	13	29	45%
2141 - Industrial and Manufacturing Engineers	3	3	100%	-	-	0%	10	12	83%	13	15	87%
2144 - Geological Engineers	-	-	0%	-	1	0%	-	-	0%	-	1	0%
2147 - Computer Engineers (Except Software Engineers and Designers)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2148 - Other Professional Engineers, n.e.c.	6	8	75%	1	3	33%	17	21	81%	24	32	75%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total
	2151 - Architects	-	-	0%	-	-	0%	-	-	0%	-	-
2153 - Urban and Land Use Planners	-	-	0%	-	-	0%	2	2	100%	2	2	100%
2154 - Land Surveyors	-	-	0%	-	-	0%	2	2	100%	2	2	100%
2171 - Information Systems Analysts and Consultants	-	-	0%	1	1	100%	8	8	100%	9	9	100%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	-	-	0%	2	2	100%	2	2	100%	4	4	100%
2232 - Mechanical Engineering Technologists and Technicians	4	4	100%	-	1	0%	1	1	100%	5	6	83%
2234 - Construction Estimators	-	-	0%	-	-	0%	-	1	0%	-	1	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	1	1	100%	1	2	50%	15	16	94%	17	19	89%
2243 - Industrial Instrument Technicians and Mechanics	2	2	100%	-	-	0%	-	-	0%	2	2	100%
2251 - Architectural Technologists and Technicians	1	1	100%	-	-	0%	-	-	0%	1	1	100%
2253 - Drafting Technologists and Technicians	-	-	0%	2	3	67%	-	-	0%	2	3	67%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	4	5	80%	4	4	100%	9	11	82%	17	20	85%
2264 - Construction Inspectors	-	-	0%	-	-	0%	1	2	50%	1	2	50%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	4	4	100%	4	4	100%
3234 - Paramedical Occupations	16	16	100%	-	-	0%	1	1	100%	17	17	100%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	5	5	100%	5	5	100%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	-	-	0%	-	1	0%	6	6	100%	6	7	86%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4169 - Other Professional Occupations in Social Science, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4312 - Firefighters	4	4	100%	-	1	0%	-	-	0%	4	5	80%
6313 - Accommodation, travel, tourism and related services supervisors	4	6	67%	-	-	0%	-	-	0%	4	6	67%
6321 - Chefs	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6322 - Cooks	5	5	100%	-	-	0%	-	-	0%	5	5	100%
6541 - Security Guards and Related security service Occupations	34	35	97%	1	1	100%	-	-	0%	35	36	97%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	57	57	100%	-	-	0%	-	-	0%	57	57	100%
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	3	3	100%	-	-	0%	-	-	0%	3	3	100%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total
	7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	4	4	100%	-	-	0%	-	-	0%	4	4
7203 - Contractors and Supervisors, Pipefitting Trades	4	4	100%	-	-	0%	-	-	0%	4	4	100%
7204 - Contractors and Supervisors, Carpentry Trades	4	4	100%	-	-	0%	-	-	0%	4	4	100%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	4	4	100%	-	-	0%	1	1	100%	5	5	100%
7233 - Sheet Metal Workers	26	27	96%	-	-	0%	-	-	0%	26	27	96%
7234 - Boilermakers	2	2	100%	-	-	0%	-	-	0%	2	2	100%
7236 - Ironworkers	4	4	100%	-	-	0%	-	-	0%	4	4	100%
7237 - Welders and Related Machine Operators	3	3	100%	-	-	0%	-	-	0%	3	3	100%
7242 - Industrial Electricians	49	49	100%	-	-	0%	14	14	100%	63	63	100%
7244 - Electrical Power Line and Cable Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7251 - Plumbers	2	2	100%	-	-	0%	-	-	0%	2	2	100%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	26	26	100%	-	-	0%	-	-	0%	26	26	100%
7271 - Carpenters	31	31	100%	-	-	0%	-	-	0%	31	31	100%
7281 - Bricklayers	8	8	100%	-	-	0%	-	-	0%	8	8	100%
7293 - Insulators	7	7	100%	-	-	0%	-	-	0%	7	7	100%
7294 - Painters and Decorators (except interior decorators)	8	9	89%	-	-	0%	-	-	0%	8	9	89%
7301 - Contractors and supervisors, mechanic trades	8	8	100%	-	-	0%	-	-	0%	8	8	100%
7302 - Contractors and supervisors, heavy equipment operator crews	4	4	100%	-	-	0%	-	-	0%	4	4	100%
7311 - Construction Millwrights and Industrial Mechanics	73	75	97%	-	-	0%	-	-	0%	73	75	97%
7312 - Heavy- Duty Equipment Mechanics	3	3	100%	-	-	0%	1	1	100%	4	4	100%
7371 - Crane Operators	6	6	100%	-	-	0%	-	-	0%	6	6	100%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7384 - Other Trades and Related Occupations, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7452 - Material Handlers	17	17	100%	-	-	0%	2	2	100%	19	19	100%
7511 - Transport Truck Drivers	10	10	100%	-	-	0%	-	-	0%	10	10	100%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	15	15	100%	-	-	0%	-	-	0%	15	15	100%
7521 - Heavy Equipment Operators (Except Crane)	14	14	100%	-	-	0%	-	-	0%	14	14	100%
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	3	3	100%	-	-	0%	-	-	0%	3	3	100%
7612 - Other Trades Helpers and Labourers	24	24	100%	-	-	0%	-	-	0%	24	24	100%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total	Res	Total Persons	Res as % of Total
8211 - Supervisors, Logging and Forestry	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8241 - Logging Machinery Operators	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8616 - Logging and Forestry Labourers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
9241 - Power Engineers and power system operators	-	-	0%	-	-	0%	2	2	100%	2	2	100%
Totals	523	537	97%	22	47	47%	225	259	87%	770	843	91%

Table 24- Female Workers Hired by 4-Digit NOC Code (December 2020)

4-Digit NOC Code	C&A			E&D			PM			Total		
	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total
0016 - Senior Managers – Goods Production, Utilities, Transportation and Construction	-	1	0%	-	-	0%	-	7	0%	-	8	0%
0111 - Financial Managers	-	1	0%	-	-	0%	1	3	33%	1	4	25%
0112 - Human Resources Managers	-	1	0%	1	1	100%	1	2	50%	2	4	50%
0113 - Purchasing Managers	-	-	0%	-	-	0%	-	1	0%	-	1	0%
0114 - Other Administrative Services Managers	1	1	100%	-	-	0%	-	1	0%	1	2	50%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	-	-	0%	-	-	0%	2	3	67%	2	3	67%
0211 - Engineering Managers	-	1	0%	-	2	0%	-	8	0%	-	11	0%
0213 - Computer and Information Systems Managers	-	-	0%	-	1	0%	-	1	0%	-	2	0%
0711 - Construction Managers	-	3	0%	-	-	0%	-	13	0%	-	16	0%
1111 - Financial Auditors and Accountants	-	-	0%	-	-	0%	-	3	0%	-	3	0%
1114 - Other Financial Officers	3	4	75%	-	-	0%	6	8	75%	9	12	75%
1121 - Human Resources professionals	-	1	0%	-	-	0%	1	3	33%	1	4	25%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	-	-	0%	-	-	0%	2	3	67%	2	3	67%
1221 - Administrative Officers	-	-	0%	1	1	100%	2	3	67%	3	4	75%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1225 - Purchasing Agents and Officers	-	1	0%	-	-	0%	4	11	36%	4	12	33%
1241 - Administrative Assistants	3	4	75%	2	2	100%	9	10	90%	14	16	88%
1311 - Accounting technicians and bookkeepers	-	-	0%	-	1	0%	11	11	100%	11	12	92%
1411 - General Office support workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	1	1	100%	1	1	100%
2113 - Geologists, Geochemists and Geophysicists	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2131 - Civil Engineers	-	1	0%	1	6	17%	2	13	15%	3	20	15%
2132 - Mechanical Engineers	1	3	33%	1	6	17%	4	20	20%	6	29	21%
2133 - Electrical and Electronics Engineers	-	2	0%	-	7	0%	2	20	10%	2	29	7%
2141 - Industrial and Manufacturing Engineers	-	3	0%	-	-	0%	1	12	8%	1	15	7%
2144 - Geological Engineers	-	-	0%	1	1	100%	-	-	0%	1	1	100%
2147 - Computer Engineers (Except Software Engineers and Designers)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2148 - Other Professional Engineers, n.e.c.	-	8	0%	1	3	33%	2	21	10%	3	32	9%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total
2151 - Architects	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2153 - Urban and Land Use Planners	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2154 - Land Surveyors	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2171 - Information Systems Analysts and Consultants	-	-	0%	-	1	0%	2	8	25%	2	9	22%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 -Civil Engineering Technologists and Technicians	-	-	0%	-	2	0%	-	2	0%	-	4	0%
2232 - Mechanical Engineering Technologists and Technicians	-	4	0%	-	1	0%	-	1	0%	-	6	0%
2234 - Construction Estimators	-	-	0%	-	-	0%	-	1	0%	-	1	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	-	1	0%	-	2	0%	-	16	0%	-	19	0%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	-	-	0%	-	2	0%
2251 -Architectural Technologists and Technicians	-	1	0%	-	-	0%	-	-	0%	-	1	0%
2253 - Drafting Technologists and Technicians	-	-	0%	-	3	0%	-	-	0%	-	3	0%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	1	5	20%	-	4	0%	1	11	9%	2	20	10%
2264 - Construction Inspectors	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2271 -Air Pilots ,Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	-	4	0%	-	4	0%
3234 -Paramedical Occupations	4	16	25%	-	-	0%	-	1	0%	4	17	24%
4112 -Lawyers and Quebec Notaries	-	-	0%	-	-	0%	3	5	60%	3	5	60%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	-	-	0%	-	1	0%	2	6	33%	2	7	29%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4169 - Other Professional Occupations in Social Science, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4312 - Firefighters	-	4	0%	-	1	0%	-	-	0%	-	5	0%
6313 - Accommodation, travel, tourism and related services supervisors	1	6	17%	-	-	0%	-	-	0%	1	6	17%
6321 -Chefs	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6322 - Cooks	-	5	0%	-	-	0%	-	-	0%	-	5	0%
6541 - Security Guards and Related security service Occupations	6	35	17%	-	1	0%	-	-	0%	6	36	17%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	32	57	56%	-	-	0%	-	-	0%	32	57	56%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total	Females	Total Persons	Females as % of Total
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	-	3	0%	-	-	0%	-	-	0%	-	3	0%
7202 -Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7203 - Contractors and Supervisors, Pipefitting Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7204 - Contractors and Supervisors, Carpentry Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicicers	-	4	0%	-	-	0%	-	1	0%	-	5	0%
7233 - Sheet Metal Workers	1	27	4%	-	-	0%	-	-	0%	1	27	4%
7234 - Boilermakers	-	2	0%	-	-	0%	-	-	0%	-	2	0%
7236 - Ironworkers	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7237 - Welders and Related Machine Operators	-	3	0%	-	-	0%	-	-	0%	-	3	0%
7242 - Industrial Electricians	2	49	4%	-	-	0%	-	14	0%	2	63	3%
7244 - Electrical Power Line and Cable Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7251 - Plumbers	-	2	0%	-	-	0%	-	-	0%	-	2	0%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	1	26	4%	-	-	0%	-	-	0%	1	26	4%
7271 - Carpenters	1	31	3%	-	-	0%	-	-	0%	1	31	3%
7281 - Bricklayers	-	8	0%	-	-	0%	-	-	0%	-	8	0%
7293 - Insulators	-	7	0%	-	-	0%	-	-	0%	-	7	0%
7294 - Painters and Decorators (except interior decorators)	-	9	0%	-	-	0%	-	-	0%	-	9	0%
7301 - Contractors and supervisors, mechanic trades	-	8	0%	-	-	0%	-	-	0%	-	8	0%
7302 - Contractors and supervisors, heavy equipment operator crews	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7311 - Construction Millwrights and Industrial Mechanics	6	75	8%	-	-	0%	-	-	0%	6	75	8%
7312 - Heavy-Duty Equipment Mechanics	-	3	0%	-	-	0%	-	1	0%	-	4	0%
7371 - Crane Operators	1	6	17%	-	-	0%	-	-	0%	1	6	17%
7372 - Drillers and Blasters-Surface Mining, Quarrying and Construction	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7384 - Other Trades and Related Occupations, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7452 -Material Handlers	-	17	0%	-	-	0%	1	2	50%	1	19	5%
7511 - Transport Truck Drivers	-	10	0%	-	-	0%	-	-	0%	-	10	0%
7512 – Bus Drivers, Subway Operators and Other Transit Operators	-	15	0%	-	-	0%	-	-	0%	-	15	0%
7521 - Heavy Equipment Operators (Except Crane)	-	14	0%	-	-	0%	-	-	0%	-	14	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Females	Total	Females as % of Total	Females	Total	Females as % of Total	Females	Total	Females as % of Total	Females	Total	Females as % of Total
		Persons	Persons		Persons	Persons		Persons	Persons		Persons	
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	1	3	33%	-	-	0%	-	-	0%	1	3	33%
7612 - Other Trades Helpers and Labourers	5	24	21%	-	-	0%	-	-	0%	5	24	21%
8211 - Supervisors, Logging and Forestry	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8241 - Logging Machinery Operators	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8616 - Logging and Forestry Labourers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
9241 - Power Engineers and power system operators	-	-	0%	-	-	0%	-	2	0%	-	2	0%
Total	70	537	13%	8	47	17%	60	259	23%	138	843	16%

Table 25 – Indigenous Workers by 4-Digit NOC Code (December 2020)

4-Digit NOC Code	C&A			E&D			PM			Total		
	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total
0016 - Senior Managers - Goods Production, Utilities, Transportation and Construction	-	1	0%	-	-	0%	-	7	0%	-	8	0%
0111 - Financial Managers	-	1	0%	-	-	0%	-	3	0%	-	4	0%
0112 - Human Resources Managers	-	1	0%	-	1	0%	-	2	0%	-	4	0%
0113 - Purchasing Managers	-	-	0%	-	-	0%	-	1	0%	-	1	0%
0114 - Other Administrative Services Managers	-	1	0%	-	-	0%	-	1	0%	-	2	0%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	-	-	0%	-	-	0%	-	3	0%	-	3	0%
0211 - Engineering Managers	-	1	0%	-	2	0%	-	8	0%	-	11	0%
0213 - Computer and Information Systems Managers	-	-	0%	-	1	0%	-	1	0%	-	2	0%
0711 - Construction Managers	-	3	0%	-	-	0%	-	13	0%	-	16	0%
1111 - Financial Auditors and Accountants	-	-	0%	-	-	0%	-	3	0%	-	3	0%
1114 - Other Financial Officers	-	4	0%	-	-	0%	-	8	0%	-	12	0%
1121 - Human Resources professionals	-	1	0%	-	-	0%	2	3	67%	2	4	50%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	-	-	0%	-	-	0%	-	3	0%	-	3	0%
1221 - Administrative Officers	-	-	0%	-	1	0%	-	3	0%	-	4	0%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1225 - Purchasing Agents and Officers	-	1	0%	-	-	0%	-	11	0%	-	12	0%
1241 - Administrative Assistants	-	4	0%	-	2	0%	-	10	0%	-	16	0%
1311 - Accounting technicians and bookkeepers	-	-	0%	-	1	0%	-	11	0%	-	12	0%
1411 - General Office support workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	-	1	0%	-	1	0%
2113 - Geologists, Geochemists and Geophysicists	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2131 - Civil Engineers	-	1	0%	-	6	0%	-	13	0%	-	20	0%
2132 - Mechanical Engineers	-	3	0%	1	6	17%	-	20	0%	1	29	3%
2133 - Electrical and Electronics Engineers	-	2	0%	-	7	0%	-	20	0%	-	29	0%
2141 - Industrial and Manufacturing Engineers	-	3	0%	-	-	0%	-	12	0%	-	15	0%
2144 - Geological Engineers	-	-	0%	-	1	0%	-	-	0%	-	1	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total
2147 - Computer Engineers (Except Software Engineers and Designers)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2148 - Other Professional Engineers, n.e.c.	-	8	0%	-	3	0%	-	21	0%	-	32	0%
2151 - Architects	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2153 - Urban and Land Use Planners	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2154 - Land Surveyors	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2171 - Information Systems Analysts and Consultants	-	-	0%	-	1	0%	-	8	0%	-	9	0%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	-	-	0%	-	2	0%	1	2	50%	1	4	25%
2232 - Mechanical Engineering Technologists and Technicians	1	4	25%	-	1	0%	-	1	0%	1	6	17%
2234 - Construction Estimators	-	-	0%	-	-	0%	-	1	0%	-	1	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	-	1	0%	-	2	0%	-	16	0%	-	19	0%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	-	-	0%	-	2	0%
2251 - Architectural Technologists and Technicians	-	1	0%	-	-	0%	-	-	0%	-	1	0%
2253 - Drafting Technologists and Technicians	-	-	0%	-	3	0%	-	-	0%	-	3	0%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	-	5	0%	-	4	0%	-	11	0%	-	20	0%
2264 - Construction Inspectors	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	-	4	0%	-	4	0%
3234 - Paramedical Occupations	-	16	0%	-	-	0%	-	1	0%	-	17	0%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	-	5	0%	-	5	0%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	-	-	0%	-	1	0%	-	6	0%	-	7	0%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4169 - Other Professional Occupations in Social Science, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4312 - Firefighters	-	4	0%	-	1	0%	-	-	0%	-	5	0%
6313 - Accommodation, travel, tourism and related services supervisors	-	6	0%	-	-	0%	-	-	0%	-	6	0%
6321 - Chefs	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6322 - Cooks	-	5	0%	-	-	0%	-	-	0%	-	5	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total
6541 - Security Guards and Related security service Occupations	5	35	14%	-	1	0%	-	-	0%	5	36	14%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	17	57	30%	-	-	0%	-	-	0%	17	57	30%
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	-	3	0%	-	-	0%	-	-	0%	-	3	0%
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	1	4	25%	-	-	0%	-	-	0%	1	4	25%
7203 - Contractors and Supervisors, Pipefitting Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7204 - Contractors and Supervisors, Carpentry Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	-	4	0%	-	-	0%	-	1	0%	-	5	0%
7233 - Sheet Metal Workers	1	27	4%	-	-	0%	-	-	0%	1	27	4%
7234 - Boilermakers	-	2	0%	-	-	0%	-	-	0%	-	2	0%
7236 - Ironworkers	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7237 - Welders and Related Machine Operators	-	3	0%	-	-	0%	-	-	0%	-	3	0%
7242 - Industrial Electricians	1	49	2%	-	-	0%	1	14	7%	2	63	3%
7244 - Electrical Power Line and Cable Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7251 - Plumbers	-	2	0%	-	-	0%	-	-	0%	-	2	0%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	3	26	12%	-	-	0%	-	-	0%	3	26	12%
7271 - Carpenters	3	31	10%	-	-	0%	-	-	0%	3	31	10%
7281 - Bricklayers	-	8	0%	-	-	0%	-	-	0%	-	8	0%
7293 - Insulators	-	7	0%	-	-	0%	-	-	0%	-	7	0%
7294 - Painters and Decorators (except interior decorators)	-	9	0%	-	-	0%	-	-	0%	-	9	0%
7301 - Contractors and supervisors, mechanic trades	-	8	0%	-	-	0%	-	-	0%	-	8	0%
7302 - Contractors and supervisors, heavy equipment operator crews	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7311 - Construction Millwrights and Industrial Mechanics	-	75	0%	-	-	0%	-	-	0%	-	75	0%
7312 - Heavy- Duty Equipment Mechanics	-	3	0%	-	-	0%	-	1	0%	-	4	0%
7371 - Crane Operators	-	6	0%	-	-	0%	-	-	0%	-	6	0%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	-	-	0%	-	-	0%	-	-	0%	-	-	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total	Indigenous	Total Persons	Indigenous as % of Total
7384 - Other Trades and Related Occupations, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7452 - Material Handlers	-	17	0%	-	-	0%	-	2	0%	-	19	0%
7511 - Transport Truck Drivers	1	10	10%	-	-	0%	-	-	0%	1	10	10%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	3	15	20%	-	-	0%	-	-	0%	3	15	20%
7521 - Heavy Equipment Operators (Except Crane)	3	14	21%	-	-	0%	-	-	0%	3	14	21%
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	1	3	33%	-	-	0%	-	-	0%	1	3	33%
7612 - Other Trades Helpers and Labourers	11	24	46%	-	-	0%	-	-	0%	11	24	46%
8211 - Supervisors, Logging and Forestry	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8241 - Logging Machinery Operators	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8616 - Logging and Forestry Labourers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
9241 - Power Engineers and power system operators	-	-	0%	-	-	0%	-	2	0%	-	2	0%
Totals	51	537	9%	1	47	2%	4	259	2%	56	843	7%

Table 26 – Labrador Residents by 4-Digit NOC Code (December 2020)

4-Digit NOC Code	C&A			E&D			PM			Total		
	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total
0016 - Senior Managers - Goods Production, Utilities, Transportation and Construction	-	1	0%	-	-	0%	-	7	0%	-	8	0%
0111 - Financial Managers	-	1	0%	-	-	0%	-	3	0%	-	4	0%
0112 - Human Resources Managers	-	1	0%	-	1	0%	1	2	50%	1	4	25%
0113 - Purchasing Managers	-	-	0%	-	-	0%	-	1	0%	-	1	0%
0114 - Other Administrative Services Managers	-	1	0%	-	-	0%	-	1	0%	-	2	0%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	-	-	0%	-	-	0%	-	3	0%	-	3	0%
0211 - Engineering Managers	-	1	0%	-	2	0%	-	8	0%	-	11	0%
0213 - Computer and Information Systems Managers	-	-	0%	-	1	0%	-	1	0%	-	2	0%
0711 - Construction Managers	-	3	0%	-	-	0%	1	13	8%	1	16	6%
1111 - Financial Auditors and Accountants	-	-	0%	-	-	0%	-	3	0%	-	3	0%
1114 - Other Financial Officers	-	4	0%	-	-	0%	-	8	0%	-	12	0%
1121 - Human Resources professionals	-	1	0%	-	-	0%	2	3	67%	2	4	50%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	-	-	0%	-	-	0%	-	3	0%	-	3	0%
1221 - Administrative Officers	-	-	0%	-	1	0%	2	3	67%	2	4	50%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1225 - Purchasing Agents and Officers	-	1	0%	-	-	0%	-	11	0%	-	12	0%
1241 - Administrative Assistants	-	4	0%	-	2	0%	1	10	10%	1	16	6%
1311 - Accounting technicians and bookkeepers	-	-	0%	-	1	0%	-	11	0%	-	12	0%
1411 - General Office support workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	-	1	0%	-	1	0%
2113 - Geologists, Geochemists and Geophysicists	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2131 - Civil Engineers	-	1	0%	-	6	0%	1	13	8%	1	20	5%
2132 - Mechanical Engineers	-	3	0%	1	6	17%	-	20	0%	1	29	3%
2133 - Electrical and Electronics Engineers	-	2	0%	-	7	0%	1	20	5%	1	29	3%
2141 - Industrial and Manufacturing Engineers	-	3	0%	-	-	0%	-	12	0%	-	15	0%
2144 - Geological Engineers	-	-	0%	-	1	0%	-	-	0%	-	1	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total
2147 - Computer Engineers (Except Software Engineers and Designers)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2148 - Other Professional Engineers, n.e.c.	-	8	0%	-	3	0%	-	21	0%	-	32	0%
2151 - Architects	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2153 - Urban and Land Use Planners	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2154 - Land Surveyors	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2171 - Information Systems Analysts and Consultants	-	-	0%	-	1	0%	1	8	13%	1	9	11%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	-	-	0%	-	2	0%	-	2	0%	-	4	0%
2232 - Mechanical Engineering Technologists and Technicians	1	4	25%	-	1	0%	-	1	0%	1	6	17%
2234 - Construction Estimators	-	-	0%	-	-	0%	-	1	0%	-	1	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	-	1	0%	-	2	0%	2	16	13%	2	19	11%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	-	-	0%	-	2	0%
2251 - Architectural Technologists and Technicians	-	1	0%	-	-	0%	-	-	0%	-	1	0%
2253 - Drafting Technologists and Technicians	-	-	0%	-	3	0%	-	-	0%	-	3	0%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	-	5	0%	1	4	25%	-	11	0%	1	20	5%
2264 - Construction Inspectors	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	4	4	100%	4	4	100%
3234 - Paramedical Occupations	3	16	19%	-	-	0%	-	1	0%	3	17	18%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	-	5	0%	-	5	0%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	-	-	0%	-	1	0%	-	6	0%	-	7	0%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4169 - Other Professional Occupations in Social Science, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4312 - Firefighters	-	4	0%	-	1	0%	-	-	0%	-	5	0%
6313 - Accommodation, travel, tourism and related services supervisors	-	6	0%	-	-	0%	-	-	0%	-	6	0%
6321 - Chefs	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6322 - Cooks	-	5	0%	-	-	0%	-	-	0%	-	5	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total
6541 - Security Guards and Related security service Occupations	17	35	49%	1	1	100%	-	-	0%	18	36	50%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	38	57	67%	-	-	0%	-	-	0%	38	57	67%
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	-	3	0%	-	-	0%	-	-	0%	-	3	0%
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7203 - Contractors and Supervisors, Pipefitting Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7204 - Contractors and Supervisors, Carpentry Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	-	4	0%	-	-	0%	-	1	0%	-	5	0%
7233 - Sheet Metal Workers	3	27	11%	-	-	0%	-	-	0%	3	27	11%
7234 - Boilermakers	-	2	0%	-	-	0%	-	-	0%	-	2	0%
7236 - Ironworkers	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7237 - Welders and Related Machine Operators	-	3	0%	-	-	0%	-	-	0%	-	3	0%
7242 - Industrial Electricians	13	49	27%	-	-	0%	1	14	7%	14	63	22%
7244 - Electrical Power Line and Cable Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7251 - Plumbers	1	2	50%	-	-	0%	-	-	0%	1	2	50%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	4	26	15%	-	-	0%	-	-	0%	4	26	15%
7271 - Carpenters	6	31	19%	-	-	0%	-	-	0%	6	31	19%
7281 - Bricklayers	-	8	0%	-	-	0%	-	-	0%	-	8	0%
7293 - Insulators	-	7	0%	-	-	0%	-	-	0%	-	7	0%
7294 - Painters and Decorators (except interior decorators)	1	9	11%	-	-	0%	-	-	0%	1	9	11%
7301 - Contractors and supervisors, mechanic trades	-	8	0%	-	-	0%	-	-	0%	-	8	0%
7302 - Contractors and supervisors, heavy equipment operator crews	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7311 - Construction Millwrights and Industrial Mechanics	9	75	12%	-	-	0%	-	-	0%	9	75	12%
7312 - Heavy- Duty Equipment Mechanics	1	3	33%	-	-	0%	1	1	100%	2	4	50%
7371 - Crane Operators	1	6	17%	-	-	0%	-	-	0%	1	6	17%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	-	-	0%	-	-	0%	-	-	0%	-	-	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total	Lab Residents	Total Persons	Lab Residents as % of Total
7384 - Other Trades and Related Occupations, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7452 - Material Handlers	10	17	59%	-	-	0%	-	2	0%	10	19	53%
7511 - Transport Truck Drivers	4	10	40%	-	-	0%	-	-	0%	4	10	40%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	13	15	87%	-	-	0%	-	-	0%	13	15	87%
7521 - Heavy Equipment Operators (Except Crane)	7	14	50%	-	-	0%	-	-	0%	7	14	50%
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	3	3	100%	-	-	0%	-	-	0%	3	3	100%
7612 - Other Trades Helpers and Labourers	18	24	75%	-	-	0%	-	-	0%	18	24	75%
8211 - Supervisors, Logging and Forestry	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8241 - Logging Machinery Operators	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8616 - Logging and Forestry Labourers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
9241 - Power Engineers and power system operators	-	-	0%	-	-	0%	-	2	0%	-	2	0%
Totals	153	537	28%	3	47	6%	18	259	7%	174	843	21%

Table 27 - Labrador Residents Working in Labrador by 4-Digit NOC Code (December 2020)

4-Digit NOC Code	C&A			E&D			PM			Total		
	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total
0016 - Senior Managers - Goods Production, Utilities, Transportation and Construction	-	1	0%	-	-	0%	-	2	0%	-	3	0%
0111 - Financial Managers	-	1	0%	-	-	0%	-	-	0%	-	1	0%
0112 - Human Resources Managers	-	1	0%	-	-	0%	1	1	100%	1	2	50%
0113 - Purchasing Managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0114 - Other Administrative Services Managers	-	1	0%	-	-	0%	-	-	0%	-	1	0%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0211 - Engineering Managers	-	1	0%	-	-	0%	-	-	0%	-	1	0%
0213 - Computer and Information Systems Managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0711 - Construction Managers	-	2	0%	-	-	0%	1	10	10%	1	12	8%
1111 - Financial Auditors and Accountants	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1114 - Other Financial Officers	-	1	0%	-	-	0%	-	-	0%	-	1	0%
1121 - Human Resources professionals	-	-	0%	-	-	0%	2	2	100%	2	2	100%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1221 - Administrative Officers	-	-	0%	-	-	0%	2	2	100%	2	2	100%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1225 - Purchasing Agents and Officers	-	-	0%	-	-	0%	-	4	0%	-	4	0%
1241 - Administrative Assistants	-	3	0%	-	-	0%	1	2	50%	1	5	20%
1311 - Accounting technicians and bookkeepers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1411 - General Office support workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2113 - Geologists, Geochemists and Geophysicists	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2131 - Civil Engineers	-	1	0%	-	1	0%	1	6	17%	1	8	13%
2132 - Mechanical Engineers	-	3	0%	-	1	0%	-	9	0%	-	13	0%
2133 - Electrical and Electronics Engineers	-	2	0%	-	-	0%	1	7	14%	1	9	11%
2141 - Industrial and Manufacturing Engineers	-	3	0%	-	-	0%	-	4	0%	-	7	0%
2144 - Geological Engineers	-	-	0%	-	-	0%	-	-	0%	-	-	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total
2147 - Computer Engineers (Except Software Engineers and Designers)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2148 - Other Professional Engineers, n.e.c.	-	8	0%	-	-	0%	-	5	0%	-	13	0%
2151 - Architects	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2153 - Urban and Land Use Planners	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2154 - Land Surveyors	-	-	0%	-	-	0%	-	2	0%	-	2	0%
2171 - Information Systems Analysts and Consultants	-	-	0%	-	-	0%	1	2	50%	1	2	50%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2232 - Mechanical Engineering Technologists and Technicians	1	4	25%	-	-	0%	-	1	0%	1	5	20%
2234 - Construction Estimators	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	-	1	0%	-	-	0%	2	5	40%	2	6	33%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	-	-	0%	-	2	0%
2251 - Architectural Technologists and Technicians	-	1	0%	-	-	0%	-	-	0%	-	1	0%
2253 - Drafting Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	-	4	0%	1	3	33%	-	7	0%	1	14	7%
2264 - Construction Inspectors	-	-	0%	-	-	0%	-	1	0%	-	1	0%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	4	4	100%	4	4	100%
3234 - Paramedical Occupations	3	16	19%	-	-	0%	-	-	0%	3	16	19%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	-	-	0%	-	-	0%	-	2	0%	-	2	0%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4169 - Other Professional Occupations in Social Science, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4312 - Firefighters	-	4	0%	-	-	0%	-	-	0%	-	4	0%
6313 - Accommodation, travel, tourism and related services supervisors	-	6	0%	-	-	0%	-	-	0%	-	6	0%
6321 - Chefs	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6322 - Cooks	-	5	0%	-	-	0%	-	-	0%	-	5	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total
6541 - Security Guards and Related security service Occupations	17	35	49%	1	1	100%	-	-	0%	18	36	50%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	37	56	66%	-	-	0%	-	-	0%	37	56	66%
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	-	3	0%	-	-	0%	-	-	0%	-	3	0%
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7203 - Contractors and Supervisors, Pipefitting Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7204 - Contractors and Supervisors, Carpentry Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7233 - Sheet Metal Workers	3	26	12%	-	-	0%	-	-	0%	3	26	12%
7234 - Boilermakers	-	1	0%	-	-	0%	-	-	0%	-	1	0%
7236 - Ironworkers	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7237 - Welders and Related Machine Operators	-	3	0%	-	-	0%	-	-	0%	-	3	0%
7242 - Industrial Electricians	13	46	28%	-	-	0%	1	12	8%	14	58	24%
7244 - Electrical Power Line and Cable Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7251 - Plumbers	1	2	50%	-	-	0%	-	-	0%	1	2	50%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	4	25	16%	-	-	0%	-	-	0%	4	25	16%
7271 - Carpenters	6	31	19%	-	-	0%	-	-	0%	6	31	19%
7281 - Bricklayers	-	8	0%	-	-	0%	-	-	0%	-	8	0%
7293 - Insulators	-	7	0%	-	-	0%	-	-	0%	-	7	0%
7294 - Painters and Decorators (except interior decorators)	1	9	11%	-	-	0%	-	-	0%	1	9	11%
7301 - Contractors and supervisors, mechanic trades	-	7	0%	-	-	0%	-	-	0%	-	7	0%
7302 - Contractors and supervisors, heavy equipment operator crews	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7311 - Construction Millwrights and Industrial Mechanics	9	73	12%	-	-	0%	-	-	0%	9	73	12%
7312 - Heavy- Duty Equipment Mechanics	1	3	33%	-	-	0%	1	1	100%	2	4	50%
7371 - Crane Operators	1	5	20%	-	-	0%	-	-	0%	1	5	20%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	-	-	0%	-	-	0%	-	-	0%	-	-	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total	Lab Residents	Total Persons Working in Lab	Lab Residents as % of Total
7384 - Other Trades and Related Occupations, n.e.c.	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7452 - Material Handlers	10	17	59%	-	-	0%	-	1	0%	10	18	56%
7511 - Transport Truck Drivers	4	10	40%	-	-	0%	-	-	0%	4	10	40%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	13	15	87%	-	-	0%	-	-	0%	13	15	87%
7521 - Heavy Equipment Operators (Except Crane)	7	14	50%	-	-	0%	-	-	0%	7	14	50%
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	3	3	100%	-	-	0%	-	-	0%	3	3	100%
7612 - Other Trades Helpers and Labourers	18	24	75%	-	-	0%	-	-	0%	18	24	75%
8211 - Supervisors, Logging and Forestry	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8241 - Logging Machinery Operators	-	-	0%	-	-	0%	-	-	0%	-	-	0%
8616 - Logging and Forestry Labourers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
9241 - Power Engineers and power system operators	-	-	0%	-	-	0%	-	1	0%	-	1	0%
Totals	152	518	29%	2	6	33%	18	93	19%	172	617	28%

Appendix B – Contracts Awarded Since Project Sanction

Table 28- Contracts Awarded Since Project Sanction

Package #	Package Title	Award Date	Successful Bidder(s)
CH0011-002	Civil Works Agreement Intake, Powerhouse, Transition Dams & Spillway – Remaining Construction	15-Feb-19	Pennecon Heavy Civil Limited
CH0031-001	Supply and Install Mechanical and Electrical Auxiliaries (MF)	16-Jun-17	Cahill-Ganotec Joint Venture
CH0052-002	Muskkrat Falls Habitat Compensation Works	18-Aug-16	Johnson’s Construction Limited
CH0049-004	Installation of Debris/Ice/Safety Boom	18-Jul-16	Johnson’s Construction Limited
CT0327-024	350 kV HVdc Long Range Mountains (LRM) Access Clearing	18-May-16	Mike Kelly & Sons Ltd.
CH0049-003	Fabrication and Supply of Debris, Ice, Safety Boom	7-Apr-16	M&M Offshore Ltd.
CT0327-051	HVdc Clearing – Blocks 17 & 18	01-Apr-16	Springdale Forest Resources Inc.
CD0501-001	Supply and Install Permanent Communication Systems, Optical Transport Network (OTN)	21-Mar-16	Bell Aliant Regional Communications, L.P.
CD0501-004	Transition Compounds – Civil Works	2-Mar-16	Pennecon Heavy Civil Limited
SM0700-024	Transportation of Transmission Line Material (Island of Newfoundland)	07-Jan-16	Hunt’s Transport PTL Services / CSL Services Christopher’s Trucking Akita Equipment & Auto Transport
CD510-002	Supply and Install Permanent Communications Systems-Prefabricated Buildings	06-Jan-16	Talon Energy Services Inc.
CT0327-017	HVdc Clearing and Access – Blocks 15 & 16	18-Sept-15	Springdale Forest Resources
CH0009-001	Construction of North and South Dams	14-Aug-15	Barnard Pennecon Limited Partnership
CT0342-002	Transmission Line Construction (HVac 230kV Modifications and NL Electrode Line)	11-Aug-15	Locke’s Electrical Limited
LC-PM-186	Project Completion System	23-Jun-15	IBS Canada
CD0508	Supply and Install Electrode Sites	02-Mar-15	H.J.O’ Connell Construction Ltd.
CT0327-015	HVdc Clearing and Access – Section 1 (Blocks Nos. 9, 10, 11, and 12)	09-Jan-15	Johnson’s Construction Limited
CH0008	North Spur Stabilization Works	23-Dec-14	Gilbert Newfoundland & Labrador Contracting Limited
CT0327-014	HVdc Clearing and Access – Section 1 (Blocks Nos. 13 & 14)	19-Dec-14	Springdale Forest Resources Inc.
CT0327-011	HVdc Clearing and Access – Section 1 (Blocks Nos. 7 & Partial 6)	23-Sep-14	C&T Enterprises Ltd.
CT0327-013	HVdc Clearing and Access-Section 1 (Blocks 4, 5 and 6)	2-Sep-14	Johnson’s Construction Limited
CD0502	Construction of AC Substations	22-Aug-14	Alstom Grid Canada, Inc.
CT0342	Construction of AC Transmission Lines – Island	19-Aug-14	Locke’s Electrical Limited
CD0534	Supply & Install Synchronous Condensers at Soldiers Pond	15-Aug-14	ALSTOM Renewable Power Canada Inc.
CT0327	Construction of 350kV HVdc Transmission Line	8-Aug-14	Valard Construction LP
PH0015	Supply of Isolated Phase Bus	25-Jul-14	Alfa Standard s.p.a
CT0327-010	HVdc Clearing and Access-Section 1	22-Jul-14	Springdale Forest Resources
CD0501	Supply & Install Converters and Cable Transition Compounds	19-Jun-14	Alstom Grid Canada Inc.

Package #	Package Title	Award Date	Successful Bidder(s)
PT0331	Supply of Tower Hardware 450 kV HVdc	28-May-14	Slacan Industries Performed Line Products Limited
CH0034	Supply & Install Powerhouse Elevator	29-Apr-14	Thyssen Krupp Elevator
PT0353	Supply of Optical ground Wire (OPGW) 350 kV HVdc	16-Apr-14	Suzhou Furukawa Power Optic Cable Co.
PT0334	Supply of Steel Wires – 350 kV HVdc	14-Apr-14	Wire Rope Industries Ltd.
SD0564	Provision of Camp Services (CF)	8-Apr-14	Labrador Catering Ltd. Partnership
SH0041	Provision of Ground Transportation Services (HVGB-MF)	14-Mar-14	PENCAL Supplies Ltd & SBH Enterprises Inc., A Joint Venture
LC-SB-011	Subsea Rock Protection Design, Supply and Installation	7-Mar-14	Tideway (Luxembourg) S.A.
SM0709	Provision of Air Transportation	10-Feb-14	Innu Mikun Ltd. Partnership and PAL Airlines
SM0705	Provision of Laboratory Services	10-Feb-14	AMEC Americas Limited
PH0014	Supply of Generator Step-Up Transformers	10-Feb-14	ABB Inc.
PD0537	Supply of Power Transformers, AC Substations at CF, MF and SP	10-Feb-14	ABB Inc.
SH0040	Provision of Garbage Removal and Disposal Services (MF)	23-Jan-14	Pardy's Waste Management & Industrial Services
PH0016	Supply of Generator Circuit Breakers	17-Jan-14	ABB Inc.
PT0328	Supply of Transmission Line Conductors-350 kV HVdc	2-Jan-14	General Cable Company Ltd. and Midal Cables Ltd.
PT0356	Stockbridge Dampers	20-Dec-13	Performed Line Products (Canada) Ltd.
PT0308	Supply of Steel Tower Foundations 350kV HVdc	20-Dec-13	Locweld Inc.
CH0032	Supply & Install Powerhouse & Spillway Hydro-Mechanical Equipment	19-Dec-13	Andritz Hydro Canada Inc.
PT0352	Supply of Anchor Materials 350 kV HVdc	18-Dec-13	Williams Form Hardware & Rockbolt (Canada) Ltd.
CT0319	AC Transmission Line Construction	17-Dec-13	Valard Construction LP
SH0018	Camp Catering, Housekeeping and Janitorial Services	16-Dec-13	Labrador Catering Limited Partnership
LC-SB-034	Conduit End Exit Verification	13-Dec-13	DOF Subsea Canada
CH0033	Supply & Install Powerhouse Cranes	9-Dec-13	Groupe LAR Inc.
LC-SB-027	Supply of Casing	4-Dec-13	East Coast Tubulars Ltd.
CH0007	Construction of Intake and Powerhouse Spillway and Transition Dams	29-Nov-13	Astaldi S.p.A
SH0022	Provision of Fuel Supply & Dispensing Services	18-Nov-13	Woodward's Oil Limited and Utapan Fuels Limited, a Joint Venture
CT0341	Clearing of Right Of Way for 315kV HVac Transmission Line (MF to CF)	15-Nov-13	Great Western Forestry Inc.
LC-SB-026	Drill Bits and Tooling	14-Nov-13	HALLIBURTON Dreco Energy Baker Hughes Canada Smith Bits A Schlumberger Company
LC-SB-036	Conduit End Connection	12-Nov-13	Kongsberg Oil and Gas Technologies
CD0503-002	Construction of Earthworks at Soldier's Pond	18-Oct-13	H.J. O'Connell
PT0330	Supply of Steel Towers-350 kV HVdc	10-Oct-13	Jyoti Américas LLC
SM0700	Provision of Freight Forwarding Services	3-Oct-13	Panalpina Inc., Panprojects Division
LC-SB-023	Drilling Fluids Services for HDD Program	6-Sep-13	M-I SWACO, a Division of Schlumberger Canada Limited

Package #	Package Title	Award Date	Successful Bidder(s)
LC-SB-024	Directional Services for HDD Program	6-Sep-13	Baker Hughes Canada Company
CD0503-001	Construction of Earthworks at Churchill Falls	5-Sep-13	Johnson's Construction Limited
LC-SB-021	Civil Works-SOBI	22-Aug-13	C&T Enterprises Limited
PH0058	Supply of 600 V Switchgear	25-Jul-13	ABB Inc.
PT0329	Supply of Insulators 350 kV HVdc	22-Jul-13	Seves Canada Inc.
CH0003	Supply and Install Administrative Buildings	19-Jul-13	Opron Construction Inc.
LC-SB-022	Provision of Drilling Rig and Surface Spread for HDD Program	19-Jul-13	Direct Horizontal Drilling Inc.
CT0354	HVAC Marshalling Yard Civil and Electrical Works	17-Jul-13	Johnson's Construction Limited
ST0311	Provision of Survey Services (315) kV HVac	10-Jul-13	MMM Group Limited & N.E. Parrott Surveys Limited, a joint venture
SM0704	Provision of Surveying Services	14-Jun-13	Edwards & Associates Ltd.
SD0565	Provision of Geotech Investigation Shoreline Pond Electrodes	6-Jun-13	Stantec Consulting Ltd.
PT0335	Supply of Anchor Materials – 315 kV HVac	22-Oct-13	Williams Form Hardware & Rockbolt (Canada) Ltd.
CH0024	Construction of Reservoir Clearing North Bank	25-Apr-13	Johnson Construction Ltd.
PT0303	Supply of Hardware 315 kV HVac	17-Apr-13	Mosdorfer GmbH (Austria)
PT0300	Supply of Transmission Line Conductors 315 kV HVac	5-Apr-13	Midal Cables Ltd.
SM0713	Provision of Geotechnical Investigation Services	27-Mar-13	AMEC Environment & Infrastructure
SM0701	Provision of 3rd Party Quality Surveillance and Inspection Services	18-Mar-13	SGS Canada Inc. Killick Group Ltd. GL Noble Denton Canada Ltd Moody International Ltd.
PT0307	Supply of Tower Foundations-315 kV HVac	5-Mar-13	Fabrimet
PT0302	Tower Steels for AC Lines	6-Feb-13	ŞA-RA Energy, Construction, Trade and Industry Inc.
PT0326	Supply of Steel Wires-315 kV HVac	28-Jan-13	Graybar Canada
PT0304	Optical Ground Wire Conductors (OPGW) 315 kV HVac	25-Jan-13	PT0304-001 Mosdorfer North Caroline Inc. PT0304--002 Suzhou Furukawa Power Optic Canada Inc.
PT0301	Supply of Insulators 315 kV HVac	18-Jan-13	Seves Canada Inc.
SH0054	Temporary Site Services	10-Jan-13	Labrador Catering Limited Partnership
CH0030	Turbines and Generators	2-Jan-13	Andritz Hydro Canada Inc.
LC-SB-003	Submarine Cable Design, Supply and Install	29-Nov-12	Nexans Norway AS

Package #	Package Title	Award Date	Successful Bidder(s)
LC-SB-018	Provision of Third Party Equipment, Manufacturing, Supply, and Installation Surveillance Service	27-Nov-12	Lloyd's Register North America Spectrol Group
CH0006	Bulk Excavation Works	6-Nov-12	IKC-ONE Earthworks Constructors, a Partnership
SH0019	Provision of Security Services	1-Nov-12	Speuata Security Inc.
SH0020	Provision of Medical Services	1-Nov-12	Innu - Med Inc.
CH0002	Supply and Install Accommodations Complex Buildings	22-Oct-12	Liannu Limited Partnership
PH0038	Supply of Emergency Diesel Generator	12-Oct-12	Toromont CAT, a division of Toromont industries Ltd
LC-SB-017	Ocean Characteristic Monitoring and MetOcean Report	13-Sep-12	AMEC Environment & Infrastructure A Division of AMEC Americas
PH0036	Supply of Auxiliary Transformers	13-Aug-12	MVA Power
CD0512	Construction Contract for Construction Power	20-Jun-12	G.J. Cahill & Company Ltd.
CH0004	Southside Access Road	25-Oct-12	Liannu
CH0048	Site Clearing Access Road & Ancillary Areas	20-Apr-12	Nukum Forestry Ltd
PD0522	Pre-Fabricated Control Room Building	11-Apr-12	Automatisation Grimard Inc.
PD0531	MV Instrument Transformer (Combined CT&PT Unit)	19-Mar-12	ABB Inc.
PD0515	138 kV and 25 kV Disconnect Switches (with and without ground switches)	13-Feb-12	Alstom Grid
PD0514	135 kV and 25 kV Circuit Breakers (dead tank type)	6-Feb-12	Alstom Grid Via Power Systems Consulting
PD0518	138 kV Capacitor Voltage Transformers (CVTs)	6-Feb-12	Alstom Grid Via Power Systems Consulting
PD0519	25 kV Vacuum Interrupters	6-Feb-12	Siemens Canada Limited
PD0520	25 kV 6x4 MVAR Capacitor Banks	6-Feb-12	ABB
PD0529	25 kV Reclosers	6-Feb-12	Siemens Canada Limited
PD0530	138 kV and 25 kV Class Surge Arresters	6-Feb-12	Graybar Canada
PD0523	Substation Service Transformers	19-Jan-12	Carte International Inc
LCP 00728	Web-Based Employment and Expenditure Tracking and Reporting Software	22-Aug-11	SCI Resource Software Inc.
LC-SB-002	Iceberg Tracking Program	19-Aug-11	Provincial Aerospace LTD. (PAL)
LC-SB-007	2011 HDD Pilot Bore Field Investigation Program	19-Aug-11	Mears Canada Corp.