

1 Q. **Reference CA-NLH-063:** Please provide the latest Project Report on Muskrat Falls.

2

3

4 A. These reports are published on the Muskrat Falls Project website
5 at <http://muskratfalls.nalcorenergy.com> and are located under Newsroom/Reports.

6

7 The latest report is for April 2015 and is attached as CA-NLH-089 Attachment 1.



Muskrat Falls Project

Monthly Report

April 2015

June 17, 2015



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1.0 Monthly Report Overview

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

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

The report includes details on construction and procurement activities, construction costs, safety and environmental activities, and details on stakeholder and community consultation and engagement initiatives during the reporting period. The report also provides detailed statistical tables summarizing employment and expenditure benefits generated from the Muskrat Falls development.

This report covers the activities for the month of April 2015. Construction work during this period took place on all major work components in Labrador and on the island including for the generation and transmission components of the project.

2.0 Highlights this Month

Highlights of construction activities in April include:

- On April 12, 2015, the first High Voltage direct current (HVdc) tower was safely erected by Valard Construction for the Labrador-Island Transmission Link.
- Work commenced on both grounding stations located at L'anse Au Diable in the Strait of Belle Isle and Dowden's Point, Conception Bay South.
- Placement of concrete continued in the intake, powerhouse, spillway and transition dams.
- Stringing of power line wire (conductor) continued for the AC transmission line between Muskrat Falls and Churchill Falls in Labrador. At the end of April, almost 54 kms conductor stringing was completed.

¹ This report is prepared by Lower Churchill Management Corporation (LCP), 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.

3.0 Construction Update

3.1 Muskrat Falls Hydroelectric Generating Facility

The following outlines some of the construction activities completed by Astaldi in April:

- Concrete placements in the intake, powerhouse, spillway and transition dams. In April there were 13 spillway pier concrete pours, three centre transition dam concrete pours, two separation wall concrete pours and one draft tube concrete pour.
- Completion of reinforcement installation for the intake base slab.



Concrete placement by Astaldi Canada on the spillway piers



Intake work ongoing by Astaldi Canada



Separation wall work
by Astaldi Canada

Other significant activities related to the Muskrat Falls generating facility include:

- Manufacturing of the turbines, generators and primary anchor materials for the intake, powerhouse and spillway is being completed by Andritz Canada.
- Gilbert Newfoundland and Labrador Contracting Limited has begun work on stabilization of the North Spur.

3.2 Labrador Transmission Assets

Construction activities for the High Voltage alternating current (HVac) transmission line by Valard Construction continued to progress during the period with ongoing tower assembly, tower erection, foundation assembly and installation. By the end of April, 734 towers were assembled, 436 towers were erected, 599 guy anchors were tested, and 1,072 foundations were installed. At the end of the month, 53,708 metres of conductor stringing was completed.



Valard workers placing a spacer cart
on the conductor (wire) being strung
on the HVac transmission line

3.3 Labrador-Island Transmission Link (LIL)

Work progressed on the LIL on a number of fronts, including:

- On April 12, 2015, the first High Voltage direct current (HVdc) tower was erected by Valard Construction.
- By the end of April, 13 towers were erected, 368 towers were assembled and 65 guy anchors and 244 foundations were installed.
- Right-of-way clearing and access is continuing with approximately 2,100 hectares cleared to date.
- Fabrication of materials for the HVdc transmission line towers is continuing in Texas, Dubai and India.
- Work continued by Alstom Grid Canada Inc. for the supply and installation of converters and cable transition compounds.
- Work progressed on Strait of Belle Isle marine cable crossing. In April, the manufacturing and testing of the submarine cable in Japan by Nexans Norway AS continued.
- Mobilization by H.J.O'Connell Construction Ltd, along with access road development and clearing activities, commenced at Dowden's Point in Conception Bay South in support of construction of the first grounding station facility.
- Commencement of preliminary survey work by H.J.O'Connell for the second grounding station facility at L'anse Au Diable in the Strait of Belle Isle area of Labrador.



First HVdc tower erected on the Labrador-Island Transmission Link



Valard workers complete backfilling and compaction for leg foundation of a HVdc transmission structure

4.0 Procurement

Detailed information on procurement activities during the month is provided in Section 11.2 of this report and includes listings of contracts awarded during the reporting period, as well as issued and upcoming requests for proposals. Appendix B lists the successful bidder(s) for all contract packages awarded since project sanction. Information on forecasted, issued and awarded contracts is also available on the LCP project website at: <https://muskratfalls.nalcorenergy.com/procurement/>.

No contracts were awarded In April.

5.0 Construction Cost Summary

The direct facilities capital cost forecast for the projects is \$6.99 billion.

5.1 Incurred Cost Overview

Table 1 summarizes the incurred costs for the project for the month of April 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.

Table 1 - Incurred costs for Muskrat Falls Project to April 2015 (Costs in CAD (\$Thousands))*

Project Component	June 2014 Cost Estimate	Incurred Cost Current Month	Incurred Cost Project to Date
Muskrat Falls Hydroelectric Generating Facility	\$3,371,989	\$48,390	\$1,425,381
Labrador Transmission Assets	\$831,945	\$27,985	\$386,011
Labrador-Island Transmission Link	\$2,786,480	\$57,801	\$750,161
Total	\$6,990,414	\$134,176	\$2,561,553

* Value excludes interest during construction and capitalized financing costs

5.2 Monthly Expenditure Overview

- Total expenditures paid for the Muskrat Falls Project were approximately \$106 million in April 2015. This included over \$22 million to Newfoundland and Labrador businesses.
- From January 2013 to the end of the reporting period in April 2015, \$803 million has been spent with Newfoundland and Labrador-based companies.

Detailed expenditure information is provided in Section 11.1 of this report.

6.0 Safety and Environment

6.1 Safety

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

Indicator	April 2015	Project to Date
Orientations completed	894	15,852
Safety Step Backs completed	26,859	348,501
Work site inspections	971	12,560
Lost-time injuries	1	5
Medical aid incidents	4	36

6.2 Environment

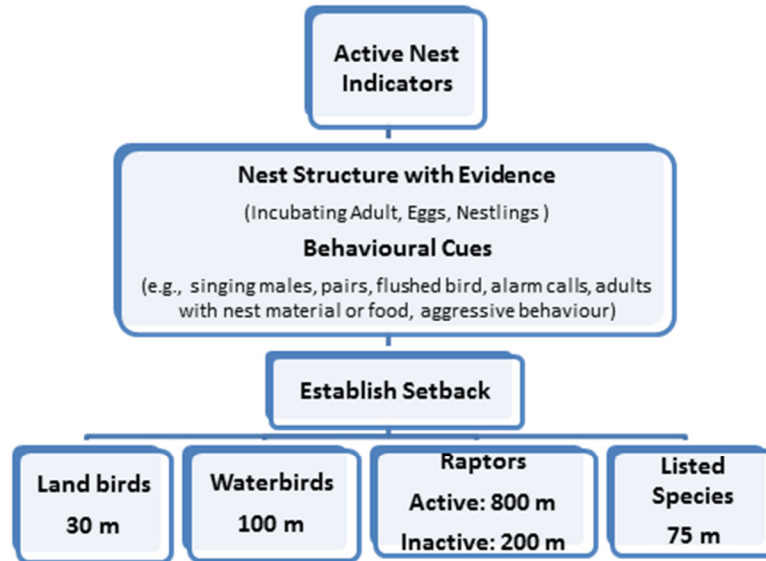
The LCP environmental team is committed to maintaining a high standard of environmental responsibility that will help to sustain a diverse and healthy environment for generations of Newfoundlanders and Labradorians.

The LCP has developed and implemented a comprehensive avifauna management plan to mitigate potential disturbance to migratory and resident avifauna (i.e. incidental take) based on federal and provincial legislation.

One of the components of the avifauna management plan includes directed surveys. Ground nest surveys are conducted ahead of clearing activities and buffers are established if active nest indicators are observed. Experienced surveyors not only rely upon physical structures as cues, but also look for behavioural cues that indicate a nest is present. Setbacks are then established depending on the species observed.

Another component of LCP's avifauna management program includes training workers to spot nests and birds.

In 2014, 93 buffers were established around songbird nests and another 76 areas were off limits around raptor nests. This year's avifauna program is in full swing, with ground surveys being conducted in Labrador along the HVdc right-of-way, and on the island along the HVdc right-of-way.



Birds and nests within the project's footprint, such as those seen above, are protected from construction activity on the Muskrat Falls Project through established buffers in active construction zones.

7.0 Employment, Benefits and Community Engagement

This section provides information on employment benefits generated during the month as well as details on some of the community consultation and engagement activities undertaken 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, in addition to provincial and federal environmental regulatory commitments.

7.1 Employment Highlights

Following is the employment information for the projects in April 2015. Detailed employment information and statistics are outlined in Section 10.

- In April, over 622,000 hours were worked by 3,717 individuals on the projects, including over 550,000 hours of work in Labrador.
- During the month of April, 3,018 residents of Newfoundland and Labrador were employed on the projects, representing over 81 per cent of the total persons employed.
- In April, there were 3,186 people working in Labrador, of whom 1,021 were Labrador residents (about 32 per cent). Of these 1,021 Labrador residents, 382 self-identified themselves as a member of a Labrador Aboriginal group (about 37 per cent).

7.2 Recruitment Activities

Employers continue to utilize muskratfallsjobs.com as a tool to find qualified residents of the province to fill available positions. To date there are more than 30,000 registered users, including over 22,000 residents of Newfoundland and Labrador.

This website has been updated to reflect current trade requirements required by various contractors for the project. The website also details current opportunities with the LCP Project Delivery Team.

7.3 Training and Development

7.3.1 Workplace Orientation

To foster a safe and respectful workplace, all workers complete mandatory training in site safety rules and procedures, respectful workplace protocols, and gender and cultural awareness. Workers also participated in a specific session on Innu culture, which is delivered by an Innu business. In April, 709 orientations were completed.

7.3.2 Labrador Aboriginal Training Partnership (LATP) Support

In April, LATP was successful in obtaining a 12-month extension to the Strategic Partnership Fund (SPF) agreement, which includes additional funding and contributions from the Government of Canada, Government of Newfoundland and Labrador, as well as all four partners: Innu Nation, Nunatsiavut Government, NunatuKavut Community Council and Nalcor Energy.

7.3.3 LCP Supervisory Development Program

The LCP Supervisory Development Program will continue through 2015 until all supervisory staff has completed the program.

7.4 Gender Equity and Diversity

7.4.1 Employment of Women and Apprenticeships

In April, 467 women were working on all project components, comprising approximately 12.6 per cent of the total workforce. Of these, 226 were working in construction, 21 in engineering, 99 in project management, and 121 in project support. Of the 467 women working on the project, 426 of these women are Newfoundland and Labrador residents.

During the month of April, 263 apprentices were employed, of whom 22 were women.

7.4.2 Promoting Women in Trades

LCP continued to work with Women in Resource Development Corporation (WRDC) where this agency continues to provide practical support to women in the province who wish to pursue employment in the construction sector.

7.4.3 Gender Equity and Diversity Initiatives

Working with WRDC, LCP staff continued development of a Gender Climate survey, which is scheduled to be delivered project wide in 2015.

7.4.4 Persons with Disabilities

Discussions and planning continued with community partners, Independent Living Resource Center (ILRC), regarding internship opportunities for persons with disabilities, on the project. Staff and consumers of ILRC delivered a program overview to LCP representatives. Working the LAMP, Labrador Aboriginal people who have disabilities, are working towards safety training certification which will increase their employability.

7.4.5 Visible Minorities

LCP staff gave a presentation to clients of Association for New Canadians Career Center. These individuals are a group of professionals who are engaged in a program called Energy Sector Language Training (ESLT) in which new Canadians are exposed to the human resource side of careers in resource based industries.

7.5 Labrador Innu Initiatives

7.5.1 Impacts and Benefits Agreement (IBA) Implementation Activities

Innu Schools Initiatives and Operations Jobs

During April, LCP held a number of meetings and planning sessions with stakeholders in Sheshatshiu at the school, board and community level to assist with the development of a pilot program focused on pre-trades awareness. In these sessions, best practice research and collection of teaching resources and culturally-relevant curriculum were identified. Also, LCP staff presented information to students at Sheshatshiu Innu School at the school's annual career fair on future Nalcor operations jobs.

7.6 Community Engagement

7.6.1 Public Inquiries

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 for people to apply for jobs (muskratfallsjobs.com) as well as a website that provides information on project construction activities (muskratfalls.nalcorenergy.com). In addition, people can contact LCP through the toll-free number or email or by dropping into the project office in Happy Valley-Goose Bay.

7.7 Community Investment

LCP is committed to giving back to the communities in which it operates and where its workers live. As part of the corporate community investment program, LCP makes investments in Labrador to help ensure Labrador-based organizations and events remain vibrant and have a positive impact on the community overall.

Ducks Unlimited

Ducks Unlimited is an international non-profit organization dedicated to the conservation of wetlands and associated upland habitats for waterfowl, other wildlife, and people. LCP supports the annual fundraising for Ducks Unlimited in Happy Valley-Goose Bay.

8.0 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 January 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.

9.0 Abbreviations and Acronyms

Abbreviation/Acronym	Definition
AES	Advanced Education and Skills
BMRS	Benefits Monitoring and Reporting System
C&A	Construction and Assembly
CEC	Conduit End Connection
CLC	Community Liaison Committee
CNA	College of the North Atlantic
DG3	Decision gate 3
E&D	Engineering and Design
EMS	Environmental Management System
ERC	Environment and Regulatory Compliance
FAT	Factory Acceptance Testing
GIS	Geographical Information System
HDD	Horizontal Directional Drilling
HVac	High voltage AC transmission
HVdc	High voltage DC transmission
IBA	Impacts and Benefits Agreement
ICS	Integrated Cover Structure
INT	International (Location of Work or Company)
kV	Kilovolt
LATP	Labrador-Aboriginal Training Partnership
LCP	Lower Churchill Project
LHAFA	Labrador Hunting and Fishing Association
LITL	Labrador-Island Transmission Link
LTA	Labrador Transmission Assets
MFG	Muskrat Falls Hydroelectric Generation Facility
MW	Megawatt
NLOWE	Newfoundland and Labrador Organization of Women Entrepreneurs
OAWA	Office to Advance Women Apprentices
OC	Other Canada
OSEM	On-site Environmental Monitor
PM	Project Management
Res	Residents of Newfoundland and Labrador
RFP	Request for Proposal
ROW	Right of Way
SOBI	Strait of Belle Isle
WRDC	Women in Resource Development Corporation

10.0 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 Aboriginal Affiliation
- Employment by Gender

10.1 Total Employment

Tables 2 through 4 break out the project employment in both person hours and persons employed by location of work and residency.

Table 2 - Person Hours of Employment by Location of Work and Residency – April 2015

	Residency								Total
	Island		Labrador		Other Canada		Non-Canadian		
Work Location	at Location	% of Total	at Location	% of Total	at Location	% of Total	at Location	% of Total	
Island	52,710	76.5%	2,587	3.8%	12,346	17.9%	1,272	1.8%	68,915
Labrador	267,722	48.7%	165,015	30.0%	113,018	20.5%	4,527	0.8%	550,281
Other Canada	39	1.2%	-	0.0%	2,869	91.2%	240	7.6%	3,147
International	-	0.0%	-	0.0%	192	34.6%	363	65.4%	555
Total	320,470	51.4%	167,601	26.9%	128,425	20.6%	6,402	1.0%	622,898

Table 3 - Person Hours of Employment by Location of Work and Residency – Project to Date

	Residency								Total
	Island		Labrador		Other Canada		Non-Canadian		
Work Location	at Location	% of Total	at Location	% of Total	at Location	% of Total	at Location	% of Total	
Island	1,266,011	70.4%	54,364	3.0%	444,371	24.7%	33,534	1.9%	1,798,280
Labrador	3,858,917	49.3%	2,723,131	34.8%	1,157,452	14.8%	88,063	1.1%	7,827,564
Other Canada	575	0.4%	-	0.0%	143,851	96.8%	4,241	2.9%	148,667
International	-	0.0%	-	0.0%	955	7.5%	11,811	92.5%	12,766
Total	5,125,503	52.4%	2,777,495	28.4%	1,746,630	17.8%	137,649	1.4%	9,787,276

Table 4 - Number of Persons Employed by Location of Work and Residency – April 2015

	Residency								Total
	Island		Labrador		Other Canada		Non-Canadian		
Work Location	at Location	% of Total	at Location	% of Total	at Location	% of Total	at Location	% of Total	
Island	401	81.0%	15	3.0%	72	14.5%	7	1.4%	495
Labrador	1,579	49.6%	1,021	32.0%	555	17.4%	31	1.0%	3,186
Other Canada	2	6.3%	-	0.0%	29	90.6%	1	3.1%	32
International	-	0.0%	-	0.0%	1	25.0%	3	75.0%	4
Total	1,982	53.3%	1,036	27.9%	657	17.7%	42	1.1%	3,717

10.2 Employment by NOC Code

Tables 5 and 6 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, Aboriginal affiliation and for residents of Labrador is also provided in Appendix A.

Table 5 - Person Hours of Employment by 2-Digit NOC Code – April 2015 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	930	20	643	1,592	36,172	7,640	20,487	64,299
01-05 - Specialized middle management occupations	8,067	1,900	4,961	14,928	157,080	71,239	148,226	376,544
07-09 - Middle management occupations in trades, transportation, production and utilities	5,808	-	4,191	9,999	97,558	12,249	48,127	157,934
11 - Professional occupations in business and finance	3,094	336	3,352	6,782	52,426	16,672	84,262	153,359
12 - Administrative and financial supervisors and administrative occupations	7,955	2,501	8,587	19,042	159,975	122,066	191,019	473,060
13 - Finance, insurance and related business administrative occupations	445	176	2,388	3,009	12,496	9,127	42,273	63,895
14 - Office support occupations	6,295	-	-	6,295	93,174	72	2,137	95,382
21 - Professional occupations in natural and applied sciences	22,081	10,225	15,932	48,239	426,935	384,814	382,583	1,194,333
22 - Technical occupations related to natural and applied sciences	20,011	4,716	7,875	32,602	267,445	229,397	137,662	634,505
32 - Technical occupations in health	4,838	-	-	4,838	64,517	-	2,212	66,729
41 - Professional occupations in law and social, community and government services	2,048	2,312	2,446	6,805	90,429	48,335	41,805	180,569
43 - Occupations in front-line public protection services	-	-	-	-	2,542	-	315	2,857
63 - Service supervisors and specialized service occupations	3,404	-	250	3,654	78,776	-	5,999	84,775
65 - Service representatives and other customer and personal services occupations	8,014	180	-	8,194	163,099	3,889	6,542	173,530
67 - Service support and other service occupations, n.e.c.	24,775	-	-	24,775	342,944	-	4,112	347,056
72 - Industrial, electrical and construction trades	152,576	262	294	153,132	2,072,373	2,493	35,415	2,110,281
73 - Maintenance and equipment operation trades	38,215	-	227	38,442	566,615	1,984	4,066	572,665
74 - Other installers, repairers and servicers and material handlers	4,486	-	1,010	5,495	53,933	48	6,402	60,384
75 - Transport and heavy equipment operation and related maintenance occupations	95,897	-	1,564	97,460	1,403,930	1,363	9,497	1,414,790
76 - Trades helpers, construction labourers and related occupations	116,942	-	1,274	118,215	1,257,560	3,373	10,343	1,271,276
82 - Supervisors and technical occupations in natural resources, agriculture and related production	16,286	-	-	16,286	249,015	-	6,481	255,496
86 - Harvesting, landscaping and natural resources labourers	2,181	-	169	2,349	25,446	60	1,912	27,418
92 - Processing, manufacturing and utilities supervisors and central control operators	768	-	-	768	6,095	-	46	6,141
All Occupation Categories	545,112	22,627	55,159	622,898	7,680,535	914,819	1,191,922	9,787,276

Table 6 – Residents Hired by 2-Digit NOC Code – April 2015

2-Digit NOC	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	3	7	43%	-	1	0%	5	5	100%	8	13	62%
01-05 - Specialized middle management occupations	24	47	51%	4	11	36%	32	41	78%	60	99	61%
07-09 - Middle management occupations in trades, transportation, production and utilities	19	39	49%	-	-	0%	12	25	48%	31	64	48%
11 - Professional occupations in business and finance	12	19	63%	2	2	100%	25	26	96%	39	47	83%
12 - Administrative and financial supervisors and administrative occupations	25	49	51%	11	15	73%	46	55	84%	82	119	69%
13 - Finance, insurance and related business administrative occupations	3	3	100%	1	1	100%	16	16	100%	20	20	100%
14 - Office support occupations	37	37	100%	-	-	0%	-	-	0%	37	37	100%
21 - Professional occupations in natural and applied sciences	73	143	51%	16	60	27%	117	127	92%	206	330	62%
22 - Technical occupations related to natural and applied sciences	65	123	53%	18	27	67%	49	57	86%	132	207	64%
32 - Technical occupations in health	29	29	100%	-	-	0%	-	-	0%	29	29	100%
41 - Professional occupations in law and social, community and government services	15	20	75%	8	11	73%	16	17	94%	39	48	81%
43 - Occupations in front-line public protection services	-	-	0%	-	-	0%	-	-	0%	-	-	0%
63 - Service supervisors and specialized service occupations	18	18	100%	-	-	0%	5	5	100%	23	23	100%
65 - Service representatives and other customer and personal services occupations	55	58	95%	1	1	100%	-	-	0%	56	59	95%
67 - Service support and other service occupations, n.e.c.	165	166	99%	-	-	0%	-	-	0%	165	166	99%
72 - Industrial, electrical and construction trades	830	928	89%	1	1	100%	5	6	83%	836	935	89%
73 - Maintenance and equipment operation trades	148	200	74%	-	-	0%	-	1	0%	148	201	74%
74 - Other installers, repairers and servicers and material handlers	20	24	83%	-	-	0%	6	6	100%	26	30	87%
75 - Transport and heavy equipment operation and related maintenance occupations	442	527	84%	-	-	0%	10	10	100%	452	537	84%
76 - Trades helpers, construction labourers and related occupations	503	618	81%	-	-	0%	16	16	100%	519	634	82%
82 - Supervisors and technical occupations in natural resources, agriculture and related production	91	99	92%	-	-	0%	-	-	0%	91	99	92%
86 - Harvesting, landscaping and natural resources labourers	14	15	93%	-	-	0%	1	1	100%	15	16	94%
92 - Processing, manufacturing and utilities supervisors and central control operators	4	4	100%	-	-	0%	-	-	0%	4	4	100%
All Occupation Categories	2,595	3,173	82%	62	130	48%	361	414	87%	3,018	3,717	81%

10.3 Employment by Location of Work

Tables 7 and 8 summarize employment by location of work.

Table 7 - Person Hours of Employment by Location of Work – April 2015 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	18,757	16,396	33,762	68,915	330,747	648,770	818,763	1,798,280
Labrador	523,594	5,772	20,916	550,281	7,292,353	170,744	364,467	7,827,564
Total NL	542,351	22,168	54,677	619,196	7,623,100	819,514	1,183,229	9,625,844
Other Canada	2,471	459	218	3,147	49,015	95,195	4,456	148,666
Total Canada	544,821	22,627	54,895	622,343	7,672,115	914,709	1,187,686	9,774,510
International	291	-	264	555	8,420	109	4,237	12,766
All Locations	545,112	22,627	55,159	622,898	7,680,535	914,818	1,191,923	9,787,276

Table 8 – Residents Hired by Location of Work – April 2015

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 % of Total
NL												
Island	127	132	96%	43	98	44%	246	265	93%	416	495	84%
Labrador	2,466	3,014	82%	19	26	73%	115	146	79%	2,600	3,186	82%
Total NL	2,593	3,146	82%	62	124	50%	361	411	88%	3,016	3,681	82%
Other Canada	2	25	8%	-	6	0%	-	1	0%	2	32	6%
Total Canada	2,595	3,171	82%	62	130	48%	361	412	88%	3,018	3,713	81%
International	-	2	0%	-	-	0%	-	2	0%	-	4	0%
Total	2,595	3,173	82%	62	130	48%	361	414	87%	3,018	3,717	81%

10.4 Employment by Aboriginal Affiliation

Tables 9 through 13 summarize employment by Aboriginal Affiliation.

Table 9 - Person Hours of Employment by Aboriginal Affiliation – April 2015 and Project to Date

Aboriginal Group	Current Period				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
Labrador Innu ^(a)	22,008	-	340	22,348	476,205	-	5,667	481,872
Nunatsiavut ^(a)	18,599	510	562	19,671	292,598	14,145	11,468	318,211
NunatuKavut ^(a)	18,896	190	590	19,676	334,770	4,865	12,524	352,158
Other NL Aboriginal ^(a)	6,829	-	225	7,053	121,358	-	2,667	124,024
Aboriginal - Other Canada	5,928	-	-	5,928	45,639	-	2,362	48,001
Non-Aboriginal ^(b)	472,852	21,927	53,443	548,222	6,483,270	896,059	1,083,680	8,463,009
All Groups	545,112	22,627	55,159	622,898	7,753,840	915,069	1,118,366	9,787,276

^(a) Also NL residents

^(b) Includes residents and non-residents

Table 10 – Persons Employed by Aboriginal Affiliation – April 2015

Aboriginal Group	C&A		E&D		PM		Total	
	Persons	%	Persons	%	Persons	%	Persons	%
Residents								
Labrador Innu	158	6.1%	-	0.0%	4	1.1%	162	5.4%
Nunatsiavut	106	4.1%	2	3.2%	3	0.8%	111	3.7%
NunatuKavut	112	4.3%	1	1.6%	3	0.8%	116	3.8%
Other Aboriginal	38	1.5%	-	0.0%	2	0.6%	40	1.3%
All Aboriginal	414	16.0%	3	4.8%	12	3.3%	429	14.2%
Non-Aboriginal	2,181	84.0%	59	95.2%	349	96.7%	2,589	85.8%
Total	2,595	100%	62	100%	361	100%	3,018	100%
Non Residents								
Aboriginal – Canada	25	4.3%	-	0.0%	-	0.0%	25	3.6%
Non-Aboriginal	553	95.7%	68	100.0%	53	100.0%	674	96.4%
Total	578	100%	68	100%	53	100%	699	100%
Summary								
Aboriginal	439	13.8%	3	2.3%	12	2.9%	454	12.2%
Non-Aboriginal	2,734	86.2%	127	97.7%	402	97.1%	3,263	87.8%
Total	3,173	100%	130	100%	414	100%	3,717	100%

Tables 11 through 13 summarize the employment of Aboriginal people and non-Aboriginal people both in terms of hours worked and persons employed by location of work during the month and for the Project to Date.

Table 11 - Person Hours of Employment by Location of Work and Aboriginal Affiliation- April 2015

Work Location	Labrador Innu		NunatuKavut		Nunatsiavut		Other Aboriginal		Non-Aboriginal		Total
	At Location	%	At Location	%	At Location	%	At Location	%	At Location	%	
Island	55	0.1%	817	1.2%	140	0.2%	663	1.0%	67,240	97.6%	68,915
Labrador	22,293	4.1%	18,859	3.4%	19,531	3.5%	12,318	2.2%	477,279	86.7%	550,281
Other Canada	-	0.0%	-	0.0%	-	0.0%	-	0.0%	3,147	100.0%	3,147
International	-	0.0%	-	0.0%	-	0.0%	-	0.0%	555	100.0%	555
All Locations	22,348	3.6%	19,676	3.2%	19,671	3.2%	12,981	2.1%	548,222	88.0%	622,898

Table 12 - Person Hours of Employment by Location of Work and Aboriginal Affiliation- Project to Date

Work Location	Labrador Innu		NunatuKavut		Nunatsiavut		Other Aboriginal		Non-Aboriginal		Total
	At Location	%	At Location	%	At Location	%	At Location	%	At Location	%	
Island	118	0.0%	21,190	1.2%	3,384	0.2%	11,655	0.6%	1,761,933	98.0%	1,798,280
Labrador	481,754	6.2%	330,969	4.2%	314,827	4.0%	160,357	2.0%	6,539,657	83.5%	7,827,564
Other Canada	-	0.0%	-	0.0%	-	0.0%	13	0.0%	148,654	100.0%	148,667
International	-	0.0%	-	0.0%	-	0.0%	-	0.0%	12,766	100.0%	12,766
All Locations	481,872	4.9%	352,158	3.6%	318,211	3.3%	172,025	1.8%	8,463,010	86.5%	9,787,276

Table 13 – Number of Persons Employed by Location of Work and Aboriginal Affiliation- April 2015

Work Location	Labrador Innu		NunatuKavut		Nunatsiavut		Other Aboriginal		Non-Aboriginal		Total
	At Location	%	At Location	%	At Location	%	At Location	%	At Location	%	
Island	-	0.0%	6	1.2%	1	0.2%	4	0.8%	484	97.8%	495
Labrador	162	5.1%	110	3.5%	110	3.5%	61	1.9%	2,743	86.1%	3,186
Other Canada	-	0.0%	-	0.0%	-	0.0%	-	0.0%	32	100.0%	32
International	-	0.0%	-	0.0%	-	0.0%	-	0.0%	4	100.0%	4
All Locations	162	4.4%	116	3.1%	111	3.0%	65	1.7%	3,263	87.8%	3,717

10.5 Employment by Gender

Tables 14 and 15 summarize employment by gender.

Table 14 - Person Hours of Employment by Gender – April 2015 and Project to Date

Gender	Current Period				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
Female	52,822	3,394	12,120	68,336	907,976	144,701	282,380	1,335,057
Male	492,291	19,233	43,039	554,563	6,845,864	770,369	835,986	8,452,219
Total	545,112	22,627	55,159	622,898	7,753,840	915,070	1,118,366	9,787,276

Table 15 – Persons Employed by Gender – April 2015

Gender	C&A		E&D		PM		Total	
	Persons	%	Persons	%	Persons	%	Persons	%
Residents								
Female	310	11.9%	18	29.0%	98	27.1%	426	14.1%
Male	2,285	88.1%	44	71.0%	263	72.9%	2,592	85.9%
Total	2,595	100%	62	100%	361	100%	3,018	100%
Non Residents								
Female	37	6.4%	3	4.4%	1	1.9%	41	5.9%
Male	541	93.6%	65	95.6%	52	98.1%	658	94.1%
Total	578	100%	68	100%	53	100%	699	100%
Summary								
Female	347	10.9%	21	16.2%	99	23.9%	467	12.6%
Male	2,826	89.1%	109	83.8%	315	76.1%	3,250	87.4%
Total	3,173	100%	130	100%	414	100%	3,717	100%

11.0 Expenditures and Procurement

Expenditures are captured through direct enter 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.

11.1 Expenditures by Location of Company and Industry Category

Table 16 below summarizes the project expenditures made during April 2015 by industry and company location.

Table 16 - Total Value of Expenditures by Location of Company and Industry Category (\$CDN) - April 2015

Industry	Labrador	Newfoundland	Other Canada	Non-Canadian	Totals
Accommodation and Food Services	8,937	2,107,942	-	-	2,116,879
Administrative and Support, Waste Management and Remediation Services	-	588	10,743	-	11,330
Agriculture, Forestry, Fishing and Hunting	-	1,275	-	-	1,275
Arts, Entertainment and Recreation	2,000	-	-	-	2,000
Construction	39,316	7,507,884	43,530,216	-	51,077,416
Educational Services	-	-	-	-	-
Finance and Insurance	-	25,000	16,259	120,644	161,902
Health Care and Social Assistance	-	-	-	-	-
Information and Cultural Industries	-	22,539	42,624	60,471	125,634
Management of Companies and Enterprises	-	-	-	-	-
Manufacturing	-	2,257,607	18,515,692	9,917,781	30,691,080
Mining, Quarrying, and Oil and Gas Extraction	-	-	-	-	-
Other Services, Including Maintenance and Repair	12,185	1,780,522	16,520	40,709	1,849,936
Professional, Scientific and Technical Services	35,979	4,432,093	7,331,233	102,456	11,901,761
Public Administration	2,538	57,299	-	-	59,837
Real Estate, Rental and Leasing	-	2,294	-	-	2,294
Retail Trade	-	14,003	14,852	-	28,855
Transportation and Warehousing	808,527	386,249	3,709,845	-	4,904,621
Utilities	-	1,756,011	41,606	-	1,797,617
Wholesale Trade	839,519	36,243	3,414	-	879,175
Grand Total	1,749,002	20,387,547	73,233,002	10,242,061	105,611,613

Table 17 below summarizes the project expenditures made for the Project to Date by industry and company location.

Table 17 - 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	1,476,914	52,211,982	320,537	-	54,009,433
Administrative and Support, Waste Management and Remediation Services	626,282	10,564,388	273,584	-	11,464,253
Agriculture, Forestry, Fishing and Hunting	15,000	40,199,038	769,972	-	40,984,010
Arts, Entertainment and Recreation	96,024	26,024	-	16,611	138,659
Construction	174,271,060	238,045,149	521,225,059	21,372,513	954,913,781
Educational Services	120,974	73,793	1,668,322	10,325	1,873,414
Finance and Insurance	-	24,775,551	28,004,265	822,876	53,602,692
Health Care and Social Assistance	3,500	4,129,023	3,750	-	4,136,273
Information and Cultural Industries	7,000	620,001	1,240,728	674,404	2,542,133
Management of Companies and Enterprises	-	-	-	-	-
Manufacturing	17	8,531,885	203,136,853	81,568,076	293,236,831
Mining, Quarrying, and Oil and Gas Extraction	9,000	1,395,996	23,917,084	1,200	25,323,280
Other Services, Including Maintenance and Repair	759,908	26,196,016	997,573	175,983	28,129,480
Professional, Scientific and Technical Services	4,872,840	102,249,637	197,949,783	8,735,259	313,807,518
Public Administration	10,127,192	2,350,977	1,371,930	-	13,850,099
Real Estate, Rental and Leasing	324,224	441,087	-	-	765,311
Retail Trade	742,182	7,241,989	183,504	-	8,167,674
Transportation and Warehousing	6,580,831	13,345,859	17,652,460	-	37,579,150
Utilities	727,617	66,038,921	3,060,051	5,188	69,831,778
Wholesale Trade	2,489,499	1,774,180	1,754,006	14,358,018	20,375,703
Totals	203,250,065	600,211,496	1,003,529,459	127,740,454	1,934,731,474

11.2 Procurement

Tables 18 and 19 provide details on procurement activities for all components of the Muskrat Falls Project. Table 18 lists the contracts awarded during April. Appendix B contains a list of all contracts awarded to date since Project Sanction.

Table 18 - Contracts Awarded During April, 2015

Package #	Package Title	Award Date	Successful Bidder(s)
No contracts were awarded in April.			

Table 19 lists the contract packages for which the RFPs have been issued but the packages have yet to be awarded as of April, 2015.

Table 19 – Request for Proposals Issued

Package #	Package Title	RFP Issue Status	Qualified Bidders
CH0009	Construction of North and South Dams	Issued	<ul style="list-style-type: none"> • Astaldi Canada Inc. • Barnard-Pennecon (Joint venture) • HJOC-Dragados (Joint Venture)
CH0031	Supply and Install of Mechanical & Electrical Auxiliaries (MF)	Issued	<ul style="list-style-type: none"> • Black & McDonald Limited • Cahill-Ganotec Joint Venture • Groupe Plombaction Inc. Joint Venture • Aecon Industrial, a Division of Aecon Group Inc. • Pennecon Energy Ltd. • Andritz Hydro Canada Inc. • LASC Muskrat Falls Joint Venture
CT0327-050	HVdc Clearing and Access – Section 2	Issued	<ul style="list-style-type: none"> • Amis Contractor • Asplundh Tree Service ULC • Broyage SD Inc. • Buckles Contracting Ltd. • C&T Enterprises Ltd. • Cabot Industries • Dexter Construction Company Limited • Graham Brothers Construction Group • 513356 NB Ltd (o/a High Tech Industries) • Johnson’s Construction Ltd. • Major’s Logging Limited • Matt Harris & Sons Ltd. • Mike Kelly & Sons Ltd. • N.C.L. Holdings Ltd. • Newfoundland and Labrador Vegetation Control Ltd. • Noble Resources (2012) Inc. • Pennecon Heavy Civil Limited • Qalipu Enterprises / Command Equipment • R. MacLean Forestry Ltd. • Scott and Stewart Forestry Consultants Ltd. • Site Energy / Bear Slashers • Springdale Forest Resources • Stuckless & Stuckless Inc.
CD510-002	Supply and Install Permanent Communications Systems- Prefabricated Buildings	Issued	<ul style="list-style-type: none"> • Cahill Instrumentation and Technical Services Limited • Talon Energy Services • Tiller Engineering Inc. • Pennecon Limited
CT0342-002	Transmission Line Construction (HVac 230 kV Modifications and NL Electrode Line)	Issued	<ul style="list-style-type: none"> • Emera Utility Services • Locke’s Electrical Limited • Curtis Powerworks Inc. • Power Tel Utilities Contractors Limited
LC-PM-186	Project Completion System	Issued	<ul style="list-style-type: none"> • IBS Canada • OCCMS Ltd. • Omega Project Solutions, Inc.

Table 20 lists the upcoming RFPs that are expected to be issued.

Table 20 – Upcoming Request for Proposals (RFPs)

Package #	Package Title	Forecasted Bidder Selection Start	Forecasted RFP Issue Date
CH0049	Supply and Install Log Boom		Q1'2015
CH0029	Construction of Site restoration at Muskrat Falls	Q1' 2016	Q2' 2016
SD0536	Provision of Integrated Commissioning Support Services	Q3' 2015	Q4' 2015
CD510-001	Supply and Install Permanent Communication Systems, Optical Transport Network (OTN)		Q2' 2015

Appendix A – Employment by 4-Digit NOC Code

Table 21 – Person Hours of Employment by 4-Digit NOC Code

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	930	20	643	1,592	36,172	7,640	20,487	64,299
0111 - Financial Managers	150	-	224	374	2,997	-	7,759	10,756
0112 - Human Resources Managers	3,139	299	650	4,088	82,490	9,109	18,730	110,329
0113 - Purchasing Managers	-	266	320	586	3,472	8,501	8,836	20,809
0114 - Other Administrative Services Managers	3,225	-	657	3,882	44,397	3,023	12,895	60,314
0124 - Advertising, marketing and public relations managers	-	-	-	-	35	-	47	82
0125 - Other Business Services Managers	449	-	560	1,009	8,365	-	21,519	29,884
0211 - Engineering Managers	1,104	1,203	1,984	4,291	14,581	45,545	67,361	127,487
0213 - Computer and Information Systems Managers	-	132	566	698	744	5,061	11,080	16,884
0711 - Construction Managers	5,808	-	4,191	9,999	97,558	12,249	48,127	157,934
1111 - Financial Auditors and Accountants	650	-	425	1,075	9,809	1,658	13,577	25,044
1114 - Other Financial Officers	-	-	579	579	2,021	3,073	6,762	11,856
1121 - Human Resources professionals	2,000	336	1,950	4,286	33,918	11,911	42,572	88,400
1122 - Professional Occupations in Business management consulting	-	-	-	-	-	-	-	-
1123 - Professional occupations in advertising, marketing and public relations	444	-	399	843	6,678	31	21,352	28,060
1221 - Administrative Officers	571	1,501	784	2,856	13,284	35,513	15,740	64,537
1223 - Human resources and Recruitment Officers	-	-	139	139	2,133	3,741	7,648	13,521
1225 - Purchasing Agents and Officers	2,262	666	5,330	8,258	38,466	56,222	114,555	209,242
1241 - Administrative Assistants	5,123	334	2,334	7,790	106,092	26,591	53,077	185,759
1311 - Accounting technicians and bookkeepers	445	176	2,388	3,009	12,496	9,127	42,273	63,895
1411 - General Office support workers	6,295	-	-	6,295	91,849	72	131	92,052
1431 - Accounting and Related Clerks	-	-	-	-	1,325	-	2,006	3,330
2113 - Geologists, Geochemists and Geophysicists	643	90	144	877	5,183	10,037	3,352	18,572
2131 - Civil Engineers	5,560	3,578	1,816	10,954	104,073	134,615	55,478	294,165
2132 - Mechanical Engineers	340	832	1,232	2,404	6,231	37,646	32,321	76,198
2133 - Electrical and Electronics Engineers	590	2,643	2,621	5,854	4,283	109,009	58,944	172,236
2141 - Industrial and Manufacturing Engineers	6,654	561	3,096	10,311	101,217	14,163	57,230	172,609
2144 - Geological Engineers	189	578	108	874	2,201	8,203	1,126	11,530
2147 - Computer Engineers (Except Software Engineers and Designers)	38	184	-	222	2,165	4,309	160	6,634
2148 - Other Professional Engineers, n.e.c.	3,018	1,409	4,204	8,630	74,701	52,243	116,002	242,946
2151 - Architects	-	-	-	-	-	1,895	-	1,895
2153 - Urban and Land Use Planners	205	160	674	1,039	1,442	4,340	22,035	27,817
2154 - Land Surveyors	4,314	-	922	5,236	112,784	-	12,538	125,322
2171 - Information Systems Analysts and Consultants	530	192	1,116	1,838	12,656	8,355	23,398	44,409
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	4,098	480	916	5,494	65,079	68,757	23,931	157,767
2232 - Mechanical Engineering Technologists and Technicians	1,975	152	-	2,127	9,838	14,917	980	25,734
2234 - Construction Estimators	602	514	212	1,328	8,203	14,943	9,297	32,443
2241 - Electrical and Electronics Engineering Technologists and Technicians	910	368	2,123	3,401	10,578	24,802	27,919	63,298
2243 - Industrial Instrument Technicians and Mechanics	461	-	122	583	5,200	-	803	6,003
2251 - Architectural Technologists and Technicians	-	-	-	-	-	4,159	300	4,458
2253 - Drafting Technologists and Technicians	3,588	702	314	4,604	48,891	39,861	6,252	95,003
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	7,429	1,690	1,754	10,873	111,420	39,847	24,093	175,360
2264 - Construction Inspectors	949	810	2,435	4,194	8,178	22,114	44,022	74,313
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	-	-	60	-	66	126
3234 - Paramedical Occupations	4,838	-	-	4,838	64,517	-	2,212	66,729
4112 - Lawyers and Quebec Notaries	-	-	250	250	258	-	3,073	3,330
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	2,036	2,312	1,896	6,244	81,405	48,335	29,378	159,117
4162 - Economists and Economic Policy Researchers and Analysts	-	-	300	300	420	-	9,315	9,734
4169 - Other Professional Occupations in Social Science, n.e.c.	12	-	-	12	8,347	-	41	8,388
4312 - Firefighters	-	-	-	-	2,542	-	315	2,857
6313 - Accommodation, travel, tourism and related services supervisors	1,451	-	-	1,451	32,488	-	4,470	36,958
6321 - Chefs	-	-	-	-	596	-	-	596
6322 - Cooks	1,953	-	250	2,203	45,692	-	1,529	47,221
6541 - Security Guards and Related security service Occupations	8,014	180	-	8,194	163,099	3,889	6,542	173,530
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	24,775	-	-	24,775	342,944	-	4,112	347,056
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	5,064	-	-	5,064	71,182	-	457	71,638
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	2,631	-	-	2,631	14,884	-	726	15,610
7203 - Contractors and Supervisors, Pipefitting Trades	772	-	-	772	10,880	-	705	11,585
7204 - Contractors and Supervisors, Carpentry Trades	8,131	-	-	8,131	126,653	-	2,024	128,677
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	16,786	262	154	17,202	254,688	2,301	4,298	261,287
7233 - Sheet Metal Workers	-	-	-	-	71,880	-	1,825	73,705
7234 - Boilermakers	-	-	-	-	1,870	-	-	1,870
7236 - Ironworkers	24,190	-	-	24,190	317,781	-	792	318,573
7237 - Welders and Related Machine Operators	4,130	-	-	4,130	59,365	192	808	60,364
7242 - Industrial Electricians	9,145	-	20	9,165	146,028	-	9,416	155,444
7244 - Electrical Power Line and Cable Workers	13,789	-	121	13,910	54,776	-	2,229	57,004
7251 - Plumbers	949	-	-	949	30,090	-	2,195	32,285
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	1,664	-	-	1,664	30,345	-	-	30,345

4-Digit NOC Code	Current Month				Project to Date			
	C&A	E&D	PM	Total	C&A	E&D	PM	Total
7271 - Carpenters	63,627	-	-	63,627	849,091	-	9,804	858,896
7281 - Bricklayers	1,664	-	-	1,664	24,810	-	-	24,810
7293 - Insulators	36	-	-	36	6,248	-	-	6,248
7294 - Painters and Decorators (except interior decorators)	-	-	-	-	1,804	-	137	1,941
7301 - Contractors and supervisors, mechanic trades	1,917	-	-	1,917	29,289	-	358	29,647
7302 - Contractors and supervisors, heavy equipment operator crews	7,539	-	-	7,539	102,816	-	757	103,573
7311 - Construction Millwrights and Industrial Mechanics	985	-	-	985	7,680	-	97	7,776
7312 - Heavy- Duty Equipment Mechanics	11,622	-	-	11,622	182,639	824	1,781	185,244
7371 - Crane Operators	12,597	-	227	12,823	124,720	-	892	125,613
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	2,821	-	-	2,821	114,078	1,160	182	115,420
7384 - Other Trades and Related Occupations, n.e.c.	736	-	-	736	5,393	-	-	5,393
7452 - Material Handlers	4,486	-	1,010	5,495	53,933	48	6,402	60,384
7511 - Transport Truck Drivers	30,052	-	-	30,052	546,627	318	3,878	550,823
7512 - Bus Drivers, Subway Operators and Other Transit Operators	4,008	-	-	4,008	61,269	-	370	61,639
7521 - Heavy Equipment Operators (Except Crane)	61,837	-	1,564	63,401	795,994	1,045	5,249	802,288
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	-	-	40	-	-	40
7611 - Construction Trades Helpers and Labourers	14,628	-	-	14,628	201,683	-	816	202,499
7612 - Other Trades Helpers and Labourers	102,313	-	1,274	103,587	1,055,877	3,373	9,527	1,068,777
8211 - Supervisors, Logging and Forestry	1,560	-	-	1,560	28,788	-	700	29,488
8241 - Logging Machinery Operators	14,726	-	-	14,726	220,227	-	5,781	226,008
8616 - Logging and Forestry Labourers	2,181	-	169	2,349	25,446	60	1,912	27,418
9241 - Power Engineers and power system operators	768	-	-	768	6,095	-	46	6,141
All Occupation Codes	545,112	22,627	55,159	622,898	7,680,535	914,819	1,191,922	9,787,276

Table 22 – Residents Hired by 4-Digit NOC Code – April 2015

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	3	7	43%	-	1	0%	5	5	100%	8	13	62%
0111 - Financial Managers	-	1	0%	-	-	0%	3	4	75%	3	5	60%
0112 - Human Resources Managers	15	19	79%	2	2	100%	5	6	83%	22	27	81%
0113 - Purchasing Managers	-	-	0%	1	2	50%	1	2	50%	2	4	50%
0114 - Other Administrative Services Managers	4	17	24%	-	-	0%	3	5	60%	7	22	32%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	3	3	100%	-	-	0%	3	4	75%	6	7	86%
0211 - Engineering Managers	2	7	29%	-	6	0%	13	15	87%	15	28	54%
0213 - Computer and Information Systems Managers	-	-	0%	1	1	100%	4	5	80%	5	6	83%
0711 - Construction Managers	19	39	49%	-	-	0%	12	25	48%	31	64	48%
1111 - Financial Auditors and Accountants	1	4	25%	-	-	0%	2	2	100%	3	6	50%
1114 - Other Financial Officers	-	-	0%	-	-	0%	4	5	80%	4	5	80%
1121 - Human Resources professionals	8	12	67%	2	2	100%	14	14	100%	24	28	86%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	3	3	100%	-	-	0%	5	5	100%	8	8	100%
1221 - Administrative Officers	1	3	33%	8	8	100%	4	4	100%	13	15	87%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	1	1	100%	1	1	100%
1225 - Purchasing Agents and Officers	8	14	57%	1	4	25%	24	33	73%	33	51	65%
1241 - Administrative Assistants	16	32	50%	2	3	67%	17	17	100%	35	52	67%
1311 - Accounting technicians and bookkeepers	3	3	100%	1	1	100%	16	16	100%	20	20	100%
1411 - General Office support workers	37	37	100%	-	-	0%	-	-	0%	37	37	100%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2113 - Geologists, Geochemists and Geophysicists	3	4	75%	-	1	0%	1	1	100%	4	6	67%
2131 - Civil Engineers	12	36	33%	7	24	29%	14	16	88%	33	76	43%
2132 - Mechanical Engineers	1	3	33%	1	5	20%	12	12	100%	14	20	70%
2133 - Electrical and Electronics Engineers	-	4	0%	2	14	14%	20	21	95%	22	39	56%
2141 - Industrial and Manufacturing Engineers	18	39	46%	1	2	50%	15	19	79%	34	60	57%
2144 - Geological Engineers	1	1	100%	1	3	33%	1	1	100%	3	5	60%
2147 - Computer Engineers (Except Software Engineers and Designers)	-	2	0%	1	1	100%	-	-	0%	1	3	33%
2148 - Other Professional Engineers, n.e.c.	9	21	43%	1	8	13%	34	37	92%	44	66	67%

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	-	1	0%	1	1	100%	5	5	100%	6	7	86%
2154 - Land Surveyors	26	29	90%	-	-	0%	5	5	100%	31	34	91%
2171 - Information Systems Analysts and Consultants	3	3	100%	1	1	100%	10	10	100%	14	14	100%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	20	29	69%	3	6	50%	6	8	75%	29	43	67%
2232 - Mechanical Engineering Technologists and Technicians	6	10	60%	-	1	0%	-	-	0%	6	11	55%
2234 - Construction Estimators	-	4	0%	-	3	0%	2	2	100%	2	9	22%
2241 - Electrical and Electronics Engineering Technologists and Technicians	1	4	25%	1	2	50%	17	19	89%	19	25	76%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	1	1	100%	1	3	33%
2251 - Architectural Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2253 - Drafting Technologists and Technicians	5	22	23%	3	4	75%	3	3	100%	11	29	38%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	32	45	71%	8	8	100%	10	11	91%	50	64	78%
2264 - Construction Inspectors	1	7	14%	3	3	100%	10	13	77%	14	23	61%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	-	-	0%	-	-	0%
3234 - Paramedical Occupations	29	29	100%	-	-	0%	-	-	0%	29	29	100%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	1	1	100%	1	1	100%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	12	15	80%	8	11	73%	13	14	93%	33	40	83%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	2	2	100%	2	2	100%
4169 - Other Professional Occupations in Social Science, n.e.c.	3	5	60%	-	-	0%	-	-	0%	3	5	60%
4312 - Firefighters	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6313 - Accommodation, travel, tourism and related services supervisors	6	6	100%	-	-	0%	-	-	0%	6	6	100%
6321 - Chefs	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6322 - Cooks	12	12	100%	-	-	0%	5	5	100%	17	17	100%
6541 - Security Guards and Related security service Occupations	55	58	95%	1	1	100%	-	-	0%	56	59	95%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	165	166	99%	-	-	0%	-	-	0%	165	166	99%
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	25	31	81%	-	-	0%	-	-	0%	25	31	81%

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	6	12	50%	-	-	0%	-	-	0%	6	12
7203 - Contractors and Supervisors, Pipefitting Trades	4	4	100%	-	-	0%	-	-	0%	4	4	100%
7204 - Contractors and Supervisors, Carpentry Trades	42	44	95%	-	-	0%	-	-	0%	42	44	95%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	43	81	53%	1	1	100%	1	2	50%	45	84	54%
7233 - Sheet Metal Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7234 - Boilermakers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7236 - Ironworkers	167	167	100%	-	-	0%	-	-	0%	167	167	100%
7237 - Welders and Related Machine Operators	13	22	59%	-	-	0%	-	-	0%	13	22	59%
7242 - Industrial Electricians	65	65	100%	-	-	0%	1	1	100%	66	66	100%
7244 - Electrical Power Line and Cable Workers	26	59	44%	-	-	0%	3	3	100%	29	62	47%
7251 - Plumbers	5	5	100%	-	-	0%	-	-	0%	5	5	100%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	14	15	93%	-	-	0%	-	-	0%	14	15	93%
7271 - Carpenters	407	410	99%	-	-	0%	-	-	0%	407	410	99%
7281 - Bricklayers	12	12	100%	-	-	0%	-	-	0%	12	12	100%
7293 - Insulators	1	1	100%	-	-	0%	-	-	0%	1	1	100%
7294 - Painters and Decorators (except interior decorators)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7301 - Contractors and supervisors, mechanic trades	5	10	50%	-	-	0%	-	-	0%	5	10	50%
7302 - Contractors and supervisors, heavy equipment operator crews	12	33	36%	-	-	0%	-	-	0%	12	33	36%
7311 - Construction Millwrights and Industrial Mechanics	6	7	86%	-	-	0%	-	-	0%	6	7	86%
7312 - Heavy- Duty Equipment Mechanics	54	62	87%	-	-	0%	-	-	0%	54	62	87%
7371 - Crane Operators	56	67	84%	-	-	0%	-	1	0%	56	68	82%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	11	17	65%	-	-	0%	-	-	0%	11	17	65%
7384 - Other Trades and Related Occupations, n.e.c.	4	4	100%	-	-	0%	-	-	0%	4	4	100%
7452 - Material Handlers	20	24	83%	-	-	0%	6	6	100%	26	30	87%
7511 - Transport Truck Drivers	161	166	97%	-	-	0%	-	-	0%	161	166	97%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	25	25	100%	-	-	0%	-	-	0%	25	25	100%
7521 - Heavy Equipment Operators (Except Crane)	256	336	76%	-	-	0%	10	10	100%	266	346	77%
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	53	76	70%	-	-	0%	-	-	0%	53	76	70%
7612 - Other Trades Helpers and Labourers	450	542	83%	-	-	0%	16	16	100%	466	558	84%

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	6	7	86%	-	-	0%	-	-	0%	6	7	86%
8241 - Logging Machinery Operators	85	92	92%	-	-	0%	-	-	0%	85	92	92%
8616 - Logging and Forestry Labourers	14	15	93%	-	-	0%	1	1	100%	15	16	94%
9241 - Power Engineers and power system operators	4	4	100%	-	-	0%	-	-	0%	4	4	100%
Totals	2,595	3,173	82%	62	130	48%	361	414	87%	3,018	3,717	81%

Table 23 – Female Workers Hired by 4-Digit NOC Code – April 2015

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	2	7	29%	-	1	0%	-	5	0%	2	13	15%
0111 - Financial Managers	-	1	0%	-	-	0%	1	4	25%	1	5	20%
0112 - Human Resources Managers	7	19	37%	1	2	50%	2	6	33%	10	27	37%
0113 - Purchasing Managers	-	-	0%	-	2	0%	-	2	0%	-	4	0%
0114 - Other Administrative Services Managers	2	17	12%	-	-	0%	1	5	20%	3	22	14%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	1	3	33%	-	-	0%	1	4	25%	2	7	29%
0211 - Engineering Managers	1	7	14%	-	6	0%	1	15	7%	2	28	7%
0213 - Computer and Information Systems Managers	-	-	0%	-	1	0%	-	5	0%	-	6	0%
0711 - Construction Managers	-	39	0%	-	-	0%	-	25	0%	-	64	0%
1111 - Financial Auditors and Accountants	1	4	25%	-	-	0%	-	2	0%	1	6	17%
1114 - Other Financial Officers	-	-	0%	-	-	0%	2	5	40%	2	5	40%
1121 - Human Resources professionals	7	12	58%	2	2	100%	7	14	50%	16	28	57%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	1	3	33%	-	-	0%	4	5	80%	5	8	63%
1221 - Administrative Officers	2	3	67%	8	8	100%	3	4	75%	13	15	87%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	1	1	100%	1	1	100%
1225 - Purchasing Agents and Officers	6	14	43%	1	4	25%	10	33	30%	17	51	33%
1241 - Administrative Assistants	20	32	63%	3	3	100%	16	17	94%	39	52	75%
1311 - Accounting technicians and bookkeepers	-	3	0%	-	1	0%	13	16	81%	13	20	65%
1411 - General Office support workers	35	37	95%	-	-	0%	-	-	0%	35	37	95%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2113 - Geologists, Geochemists and Geophysicists	1	4	25%	-	1	0%	-	1	0%	1	6	17%
2131 - Civil Engineers	4	36	11%	2	24	8%	1	16	6%	7	76	9%
2132 - Mechanical Engineers	-	3	0%	-	5	0%	2	12	17%	2	20	10%
2133 - Electrical and Electronics Engineers	-	4	0%	-	14	0%	7	21	33%	7	39	18%
2141 - Industrial and Manufacturing Engineers	7	39	18%	-	2	0%	1	19	5%	8	60	13%
2144 - Geological Engineers	-	1	0%	-	3	0%	-	1	0%	-	5	0%
2147 - Computer Engineers (Except Software Engineers and Designers)	1	2	50%	-	1	0%	-	-	0%	1	3	33%
2148 - Other Professional Engineers, n.e.c.	2	21	10%	1	8	13%	3	37	8%	6	66	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	-	1	0%	-	1	0%	-	5	0%	-	7	0%
2154 - Land Surveyors	1	29	3%	-	-	0%	-	5	0%	1	34	3%
2171 - Information Systems Analysts and Consultants	1	3	33%	-	1	0%	1	10	10%	2	14	14%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	4	29	14%	1	6	17%	-	8	0%	5	43	12%
2232 - Mechanical Engineering Technologists and Technicians	-	10	0%	-	1	0%	-	-	0%	-	11	0%
2234 - Construction Estimators	-	4	0%	-	3	0%	-	2	0%	-	9	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	-	4	0%	-	2	0%	-	19	0%	-	25	0%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	-	1	0%	-	3	0%
2251 - Architectural Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2253 - Drafting Technologists and Technicians	5	22	23%	-	4	0%	-	3	0%	5	29	17%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	16	45	36%	-	8	0%	2	11	18%	18	64	28%
2264 - Construction Inspectors	1	7	14%	-	3	0%	-	13	0%	1	23	4%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	-	-	0%	-	-	0%
3234 - Paramedical Occupations	12	29	41%	-	-	0%	-	-	0%	12	29	41%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	-	1	0%	-	1	0%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	10	15	67%	2	11	18%	7	14	50%	19	40	48%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	1	2	50%	1	2	50%
4169 - Other Professional Occupations in Social Science, n.e.c.	1	5	20%	-	-	0%	-	-	0%	1	5	20%
4312 - Firefighters	-	-	0%	-	-	0%	-	-	0%	-	-	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	3	12	25%	-	-	0%	1	5	20%	4	17	24%
6541 - Security Guards and Related security service Occupations	10	58	17%	-	1	0%	-	-	0%	10	59	17%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	104	166	63%	-	-	0%	-	-	0%	104	166	63%

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	-	31	0%	-	-	0%	-	-	0%	-	31	0%
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	-	12	0%	-	-	0%	-	-	0%	-	12	0%
7203 - Contractors and Supervisors, Pipefitting Trades	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7204 - Contractors and Supervisors, Carpentry Trades	-	44	0%	-	-	0%	-	-	0%	-	44	0%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	2	81	2%	-	1	0%	-	2	0%	2	84	2%
7233 - Sheet Metal Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7234 - Boilermakers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7236 - Ironworkers	4	167	2%	-	-	0%	-	-	0%	4	167	2%
7237 - Welders and Related Machine Operators	1	22	5%	-	-	0%	-	-	0%	1	22	5%
7242 - Industrial Electricians	1	65	2%	-	-	0%	-	1	0%	1	66	2%
7244 - Electrical Power Line and Cable Workers	-	59	0%	-	-	0%	-	3	0%	-	62	0%
7251 - Plumbers	-	5	0%	-	-	0%	-	-	0%	-	5	0%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	-	15	0%	-	-	0%	-	-	0%	-	15	0%
7271 - Carpenters	7	410	2%	-	-	0%	-	-	0%	7	410	2%
7281 - Bricklayers	-	12	0%	-	-	0%	-	-	0%	-	12	0%
7293 - Insulators	-	1	0%	-	-	0%	-	-	0%	-	1	0%
7294 - Painters and Decorators (except interior decorators)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7301 - Contractors and supervisors, mechanic trades	-	10	0%	-	-	0%	-	-	0%	-	10	0%
7302 - Contractors and supervisors, heavy equipment operator crews	-	33	0%	-	-	0%	-	-	0%	-	33	0%
7311 - Construction Millwrights and Industrial Mechanics	-	7	0%	-	-	0%	-	-	0%	-	7	0%
7312 - Heavy- Duty Equipment Mechanics	1	62	2%	-	-	0%	-	-	0%	1	62	2%
7371 - Crane Operators	8	67	12%	-	-	0%	-	1	0%	8	68	12%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	-	17	0%	-	-	0%	-	-	0%	-	17	0%
7384 - Other Trades and Related Occupations, n.e.c.	-	4	0%	-	-	0%	-	-	0%	-	4	0%
7452 - Material Handlers	1	24	4%	-	-	0%	1	6	17%	2	30	7%
7511 - Transport Truck Drivers	4	166	2%	-	-	0%	-	-	0%	4	166	2%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	-	25	0%	-	-	0%	-	-	0%	-	25	0%
7521 - Heavy Equipment Operators (Except Crane)	8	336	2%	-	-	0%	-	10	0%	8	346	2%

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
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	1	76	1%	-	-	0%	-	-	0%	1	76	1%
7612 - Other Trades Helpers and Labourers	38	542	7%	-	-	0%	10	16	63%	48	558	9%
8211 - Supervisors, Logging and Forestry	-	7	0%	-	-	0%	-	-	0%	-	7	0%
8241 - Logging Machinery Operators	2	92	2%	-	-	0%	-	-	0%	2	92	2%
8616 - Logging and Forestry Labourers	-	15	0%	-	-	0%	-	1	0%	-	16	0%
9241 - Power Engineers and power system operators	-	4	0%	-	-	0%	-	-	0%	-	4	0%
Totals	347	3,173	11%	21	130	16%	99	414	24%	467	3,717	13%

Table 24 – Aboriginal Workers by 4-Digit NOC Code – April 2015

4-Digit NOC Code	C&A			E&D			PM			Total		
	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total
0016 - Senior Managers - Goods Production, Utilities, Transportation and Construction	-	7	0%	-	1	0%	-	5	0%	-	13	0%
0111 - Financial Managers	-	1	0%	-	-	0%	-	4	0%	-	5	0%
0112 - Human Resources Managers	1	19	5%	-	2	0%	-	6	0%	1	27	4%
0113 - Purchasing Managers	-	-	0%	-	2	0%	-	2	0%	-	4	0%
0114 - Other Administrative Services Managers	-	17	0%	-	-	0%	-	5	0%	-	22	0%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	2	3	67%	-	-	0%	-	4	0%	2	7	29%
0211 - Engineering Managers	-	7	0%	-	6	0%	-	15	0%	-	28	0%
0213 - Computer and Information Systems Managers	-	-	0%	-	1	0%	-	5	0%	-	6	0%
0711 - Construction Managers	-	39	0%	-	-	0%	-	25	0%	-	64	0%
1111 - Financial Auditors and Accountants	1	4	25%	-	-	0%	-	2	0%	1	6	17%
1114 - Other Financial Officers	-	-	0%	-	-	0%	-	5	0%	-	5	0%
1121 - Human Resources professionals	4	12	33%	-	2	0%	5	14	36%	9	28	32%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	1	3	33%	-	-	0%	-	5	0%	1	8	13%
1221 - Administrative Officers	-	3	0%	-	8	0%	-	4	0%	-	15	0%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	-	1	0%	-	1	0%
1225 - Purchasing Agents and Officers	-	14	0%	-	4	0%	-	33	0%	-	51	0%
1241 - Administrative Assistants	4	32	13%	-	3	0%	-	17	0%	4	52	8%
1311 - Accounting technicians and bookkeepers	-	3	0%	-	1	0%	1	16	6%	1	20	5%
1411 - General Office support workers	13	37	35%	-	-	0%	-	-	0%	13	37	35%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2113 - Geologists, Geochemists and Geophysicists	-	4	0%	-	1	0%	-	1	0%	-	6	0%
2131 - Civil Engineers	1	36	3%	-	24	0%	-	16	0%	1	76	1%
2132 - Mechanical Engineers	-	3	0%	1	5	20%	-	12	0%	1	20	5%
2133 - Electrical and Electronics Engineers	-	4	0%	-	14	0%	-	21	0%	-	39	0%
2141 - Industrial and Manufacturing Engineers	1	39	3%	-	2	0%	2	19	11%	3	60	5%
2144 - Geological Engineers	-	1	0%	-	3	0%	-	1	0%	-	5	0%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total
2147 - Computer Engineers (Except Software Engineers and Designers)	-	2	0%	-	1	0%	-	-	0%	-	3	0%
2148 - Other Professional Engineers, n.e.c.	-	21	0%	-	8	0%	-	37	0%	-	66	0%
2151 - Architects	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2153 - Urban and Land Use Planners	-	1	0%	-	1	0%	-	5	0%	-	7	0%
2154 - Land Surveyors	5	29	17%	-	-	0%	-	5	0%	5	34	15%
2171 - Information Systems Analysts and Consultants	1	3	33%	-	1	0%	-	10	0%	1	14	7%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	-	29	0%	-	6	0%	1	8	13%	1	43	2%
2232 - Mechanical Engineering Technologists and Technicians	-	10	0%	-	1	0%	-	-	0%	-	11	0%
2234 - Construction Estimators	-	4	0%	-	3	0%	-	2	0%	-	9	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	1	4	25%	-	2	0%	-	19	0%	1	25	4%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	-	1	0%	-	3	0%
2251 - Architectural Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2253 - Drafting Technologists and Technicians	-	22	0%	-	4	0%	-	3	0%	-	29	0%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	1	45	2%	-	8	0%	1	11	9%	2	64	3%
2264 - Construction Inspectors	-	7	0%	-	3	0%	-	13	0%	-	23	0%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	-	-	0%	-	-	0%
3234 - Paramedical Occupations	-	29	0%	-	-	0%	-	-	0%	-	29	0%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	-	1	0%	-	1	0%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	3	15	20%	2	11	18%	2	14	14%	7	40	18%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	-	2	0%	-	2	0%
4169 - Other Professional Occupations in Social Science, n.e.c.	-	5	0%	-	-	0%	-	-	0%	-	5	0%
4312 - Firefighters	-	-	0%	-	-	0%	-	-	0%	-	-	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	1	12	8%	-	-	0%	-	5	0%	1	17	6%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total
6541 - Security Guards and Related security service Occupations	6	58	10%	-	1	0%	-	-	0%	6	59	10%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	67	166	40%	-	-	0%	-	-	0%	67	166	40%
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	1	31	3%	-	-	0%	-	-	0%	1	31	3%
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	-	12	0%	-	-	0%	-	-	0%	-	12	0%
7203 - Contractors and Supervisors, Pipefitting Trades	1	4	25%	-	-	0%	-	-	0%	1	4	25%
7204 - Contractors and Supervisors, Carpentry Trades	2	44	5%	-	-	0%	-	-	0%	2	44	5%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicicers	8	81	10%	-	1	0%	-	2	0%	8	84	10%
7233 - Sheet Metal Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7234 - Boilermakers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7236 - Ironworkers	8	167	5%	-	-	0%	-	-	0%	8	167	5%
7237 - Welders and Related Machine Operators	1	22	5%	-	-	0%	-	-	0%	1	22	5%
7242 - Industrial Electricians	8	65	12%	-	-	0%	-	1	0%	8	66	12%
7244 - Electrical Power Line and Cable Workers	5	59	8%	-	-	0%	-	3	0%	5	62	8%
7251 - Plumbers	1	5	20%	-	-	0%	-	-	0%	1	5	20%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	-	15	0%	-	-	0%	-	-	0%	-	15	0%
7271 - Carpenters	44	410	11%	-	-	0%	-	-	0%	44	410	11%
7281 - Bricklayers	-	12	0%	-	-	0%	-	-	0%	-	12	0%
7293 - Insulators	-	1	0%	-	-	0%	-	-	0%	-	1	0%
7294 - Painters and Decorators (except interior decorators)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7301 - Contractors and supervisors, mechanic trades	-	10	0%	-	-	0%	-	-	0%	-	10	0%
7302 - Contractors and supervisors, heavy equipment operator crews	3	33	9%	-	-	0%	-	-	0%	3	33	9%
7311 - Construction Millwrights and Industrial Mechanics	-	7	0%	-	-	0%	-	-	0%	-	7	0%
7312 - Heavy- Duty Equipment Mechanics	8	62	13%	-	-	0%	-	-	0%	8	62	13%
7371 - Crane Operators	4	67	6%	-	-	0%	-	1	0%	4	68	6%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	2	17	12%	-	-	0%	-	-	0%	2	17	12%

4-Digit NOC Code	C&A			E&D			PM			Total		
	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total	Aboriginals	Total Persons	Aboriginals as % of Total
7384 - Other Trades and Related Occupations, n.e.c.	1	4	25%	-	-	0%	-	-	0%	1	4	25%
7452 - Material Handlers	5	24	21%	-	-	0%	-	6	0%	5	30	17%
7511 - Transport Truck Drivers	32	166	19%	-	-	0%	-	-	0%	32	166	19%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	8	25	32%	-	-	0%	-	-	0%	8	25	32%
7521 - Heavy Equipment Operators (Except Crane)	35	336	10%	-	-	0%	-	10	0%	35	346	10%
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	13	76	17%	-	-	0%	-	-	0%	13	76	17%
7612 - Other Trades Helpers and Labourers	129	542	24%	-	-	0%	-	16	0%	129	558	23%
8211 - Supervisors, Logging and Forestry	-	7	0%	-	-	0%	-	-	0%	-	7	0%
8241 - Logging Machinery Operators	6	92	7%	-	-	0%	-	-	0%	6	92	7%
8616 - Logging and Forestry Labourers	-	15	0%	-	-	0%	-	1	0%	-	16	0%
9241 - Power Engineers and power system operators	-	4	0%	-	-	0%	-	-	0%	-	4	0%
Totals	439	3,173	14%	3	130	2%	12	414	3%	454	3,717	12%

Table 25 – Labrador Residents by 4-Digit NOC Code – April 2015

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	7	14%	-	1	0%	-	5	0%	1	13	8%
0111 - Financial Managers	-	1	0%	-	-	0%	-	4	0%	-	5	0%
0112 - Human Resources Managers	2	19	11%	-	2	0%	1	6	17%	3	27	11%
0113 - Purchasing Managers	-	-	0%	-	2	0%	-	2	0%	-	4	0%
0114 - Other Administrative Services Managers	2	17	12%	-	-	0%	-	5	0%	2	22	9%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	2	3	67%	-	-	0%	-	4	0%	2	7	29%
0211 - Engineering Managers	-	7	0%	-	6	0%	-	15	0%	-	28	0%
0213 - Computer and Information Systems Managers	-	-	0%	-	1	0%	-	5	0%	-	6	0%
0711 - Construction Managers	1	39	3%	-	-	0%	2	25	8%	3	64	5%
1111 - Financial Auditors and Accountants	1	4	25%	-	-	0%	-	2	0%	1	6	17%
1114 - Other Financial Officers	-	-	0%	-	-	0%	-	5	0%	-	5	0%
1121 - Human Resources professionals	5	12	42%	-	2	0%	5	14	36%	10	28	36%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	2	3	67%	-	-	0%	1	5	20%	3	8	38%
1221 - Administrative Officers	-	3	0%	-	8	0%	1	4	25%	1	15	7%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	-	1	0%	-	1	0%
1225 - Purchasing Agents and Officers	3	14	21%	-	4	0%	-	33	0%	3	51	6%
1241 - Administrative Assistants	4	32	13%	-	3	0%	1	17	6%	5	52	10%
1311 - Accounting technicians and bookkeepers	1	3	33%	-	1	0%	1	16	6%	2	20	10%
1411 - General Office support workers	33	37	89%	-	-	0%	-	-	0%	33	37	89%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2113 - Geologists, Geochemists and Geophysicists	-	4	0%	-	1	0%	-	1	0%	-	6	0%
2131 - Civil Engineers	1	36	3%	-	24	0%	-	16	0%	1	76	1%
2132 - Mechanical Engineers	-	3	0%	1	5	20%	-	12	0%	1	20	5%
2133 - Electrical and Electronics Engineers	-	4	0%	-	14	0%	-	21	0%	-	39	0%
2141 - Industrial and Manufacturing Engineers	2	39	5%	-	2	0%	4	19	21%	6	60	10%
2144 - Geological Engineers	-	1	0%	-	3	0%	-	1	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
2147 - Computer Engineers (Except Software Engineers and Designers)	-	2	0%	-	1	0%	-	-	0%	-	3	0%
2148 - Other Professional Engineers, n.e.c.	-	21	0%	-	8	0%	1	37	3%	1	66	2%
2151 - Architects	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2153 - Urban and Land Use Planners	-	1	0%	-	1	0%	-	5	0%	-	7	0%
2154 - Land Surveyors	11	29	38%	-	-	0%	-	5	0%	11	34	32%
2171 - Information Systems Analysts and Consultants	2	3	67%	-	1	0%	1	10	10%	3	14	21%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	1	29	3%	-	6	0%	-	8	0%	1	43	2%
2232 - Mechanical Engineering Technologists and Technicians	1	10	10%	-	1	0%	-	-	0%	1	11	9%
2234 - Construction Estimators	-	4	0%	-	3	0%	-	2	0%	-	9	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	1	4	25%	-	2	0%	5	19	26%	6	25	24%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	-	1	0%	-	3	0%
2251 - Architectural Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2253 - Drafting Technologists and Technicians	1	22	5%	-	4	0%	-	3	0%	1	29	3%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	4	45	9%	2	8	25%	2	11	18%	8	64	13%
2264 - Construction Inspectors	-	7	0%	-	3	0%	-	13	0%	-	23	0%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	-	-	0%	-	-	0%
3234 - Paramedical Occupations	10	29	34%	-	-	0%	-	-	0%	10	29	34%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	-	1	0%	-	1	0%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	6	15	40%	2	11	18%	2	14	14%	10	40	25%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	-	2	0%	-	2	0%
4169 - Other Professional Occupations in Social Science, n.e.c.	2	5	40%	-	-	0%	-	-	0%	2	5	40%
4312 - Firefighters	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6313 - Accommodation, travel, tourism and related services supervisors	3	6	50%	-	-	0%	-	-	0%	3	6	50%
6321 - Chefs	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6322 - Cooks	4	12	33%	-	-	0%	5	5	100%	9	17	53%

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	32	58	55%	1	1	100%	-	-	0%	33	59	56%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	135	166	81%	-	-	0%	-	-	0%	135	166	81%
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	1	31	3%	-	-	0%	-	-	0%	1	31	3%
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	-	12	0%	-	-	0%	-	-	0%	-	12	0%
7203 - Contractors and Supervisors, Pipefitting Trades	2	4	50%	-	-	0%	-	-	0%	2	4	50%
7204 - Contractors and Supervisors, Carpentry Trades	5	44	11%	-	-	0%	-	-	0%	5	44	11%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	12	81	15%	-	1	0%	1	2	50%	13	84	15%
7233 - Sheet Metal Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7234 - Boilermakers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7236 - Ironworkers	15	167	9%	-	-	0%	-	-	0%	15	167	9%
7237 - Welders and Related Machine Operators	7	22	32%	-	-	0%	-	-	0%	7	22	32%
7242 - Industrial Electricians	30	65	46%	-	-	0%	-	1	0%	30	66	45%
7244 - Electrical Power Line and Cable Workers	7	59	12%	-	-	0%	1	3	33%	8	62	13%
7251 - Plumbers	2	5	40%	-	-	0%	-	-	0%	2	5	40%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	4	15	27%	-	-	0%	-	-	0%	4	15	27%
7271 - Carpenters	117	410	29%	-	-	0%	-	-	0%	117	410	29%
7281 - Bricklayers	2	12	17%	-	-	0%	-	-	0%	2	12	17%
7293 - Insulators	-	1	0%	-	-	0%	-	-	0%	-	1	0%
7294 - Painters and Decorators (except interior decorators)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7301 - Contractors and supervisors, mechanic trades	2	10	20%	-	-	0%	-	-	0%	2	10	20%
7302 - Contractors and supervisors, heavy equipment operator crews	2	33	6%	-	-	0%	-	-	0%	2	33	6%
7311 - Construction Millwrights and Industrial Mechanics	4	7	57%	-	-	0%	-	-	0%	4	7	57%
7312 - Heavy- Duty Equipment Mechanics	17	62	27%	-	-	0%	-	-	0%	17	62	27%
7371 - Crane Operators	13	67	19%	-	-	0%	-	1	0%	13	68	19%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	3	17	18%	-	-	0%	-	-	0%	3	17	18%

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.	3	4	75%	-	-	0%	-	-	0%	3	4	75%
7452 - Material Handlers	10	24	42%	-	-	0%	6	6	100%	16	30	53%
7511 - Transport Truck Drivers	96	166	58%	-	-	0%	-	-	0%	96	166	58%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	24	25	96%	-	-	0%	-	-	0%	24	25	96%
7521 - Heavy Equipment Operators (Except Crane)	62	336	18%	-	-	0%	9	10	90%	71	346	21%
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	19	76	25%	-	-	0%	-	-	0%	19	76	25%
7612 - Other Trades Helpers and Labourers	226	542	42%	-	-	0%	16	16	100%	242	558	43%
8211 - Supervisors, Logging and Forestry	-	7	0%	-	-	0%	-	-	0%	-	7	0%
8241 - Logging Machinery Operators	3	92	3%	-	-	0%	-	-	0%	3	92	3%
8616 - Logging and Forestry Labourers	3	15	20%	-	-	0%	-	1	0%	3	16	19%
9241 - Power Engineers and power system operators	1	4	25%	-	-	0%	-	-	0%	1	4	25%
Totals	965	3,173	30%	6	130	5%	65	414	16%	1,036	3,717	28%

Table 25.1 – Labrador Residents Working in Labrador by 4-Digit NOC Code – March 2015

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	-	5	0%	-	-	0%	-	-	0%	-	5	0%
0111 - Financial Managers	-	1	0%	-	-	0%	-	-	0%	-	1	0%
0112 - Human Resources Managers	2	16	13%	-	-	0%	1	2	50%	3	18	17%
0113 - Purchasing Managers	-	-	0%	-	1	0%	-	-	0%	-	1	0%
0114 - Other Administrative Services Managers	1	14	7%	-	-	0%	-	2	0%	1	16	6%
0124 - Advertising, marketing and public relations managers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
0125 - Other Business Services Managers	2	3	67%	-	-	0%	-	1	0%	2	4	50%
0211 - Engineering Managers	-	5	0%	-	1	0%	-	1	0%	-	7	0%
0213 - Computer and Information Systems Managers	-	-	0%	-	-	0%	-	1	0%	-	1	0%
0711 - Construction Managers	1	36	3%	-	-	0%	2	20	10%	3	56	5%
1111 - Financial Auditors and Accountants	-	3	0%	-	-	0%	-	-	0%	-	3	0%
1114 - Other Financial Officers	-	-	0%	-	-	0%	-	2	0%	-	2	0%
1121 - Human Resources professionals	4	10	40%	-	-	0%	5	6	83%	9	16	56%
1122 - Professional Occupations in Business management consulting	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1123 - Professional occupations in advertising, marketing and public relations	2	3	67%	-	-	0%	1	1	100%	3	4	75%
1221 - Administrative Officers	-	2	0%	-	-	0%	1	1	100%	1	3	33%
1223 - Human resources and Recruitment Officers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
1225 - Purchasing Agents and Officers	3	12	25%	-	-	0%	-	8	0%	3	20	15%
1241 - Administrative Assistants	4	26	15%	-	-	0%	1	3	33%	5	29	17%
1311 - Accounting technicians and bookkeepers	1	3	33%	-	-	0%	1	1	100%	2	4	50%
1411 - General Office support workers	33	37	89%	-	-	0%	-	-	0%	33	37	89%
1431 - Accounting and Related Clerks	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2113 - Geologists, Geochemists and Geophysicists	-	3	0%	-	-	0%	-	-	0%	-	3	0%
2131 - Civil Engineers	1	32	3%	-	2	0%	-	3	0%	1	37	3%
2132 - Mechanical Engineers	-	3	0%	-	-	0%	-	1	0%	-	4	0%
2133 - Electrical and Electronics Engineers	-	4	0%	-	-	0%	-	1	0%	-	5	0%
2141 - Industrial and Manufacturing Engineers	2	39	5%	-	-	0%	3	10	30%	5	49	10%
2144 - Geological Engineers	-	1	0%	-	2	0%	-	1	0%	-	4	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.	-	16	0%	-	-	0%	1	4	25%	1	20	5%
2151 - Architects	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2153 - Urban and Land Use Planners	-	1	0%	-	1	0%	-	-	0%	-	2	0%
2154 - Land Surveyors	11	27	41%	-	-	0%	-	2	0%	11	29	38%
2171 - Information Systems Analysts and Consultants	2	3	67%	-	-	0%	1	3	33%	3	6	50%
2221 - Biological Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2231 - Civil Engineering Technologists and Technicians	1	21	5%	-	2	0%	-	2	0%	1	25	4%
2232 - Mechanical Engineering Technologists and Technicians	1	10	10%	-	-	0%	-	-	0%	1	10	10%
2234 - Construction Estimators	-	4	0%	-	1	0%	-	-	0%	-	5	0%
2241 - Electrical and Electronics Engineering Technologists and Technicians	1	4	25%	-	-	0%	5	6	83%	6	10	60%
2243 - Industrial Instrument Technicians and Mechanics	-	2	0%	-	-	0%	-	-	0%	-	2	0%
2251 - Architectural Technologists and Technicians	-	-	0%	-	-	0%	-	-	0%	-	-	0%
2253 - Drafting Technologists and Technicians	1	19	5%	-	-	0%	-	-	0%	1	19	5%
2263 - Inspectors in Public and Environmental Health and Occupational Health and Safety	4	43	9%	2	7	29%	2	10	20%	8	60	13%
2264 - Construction Inspectors	-	7	0%	-	3	0%	-	10	0%	-	20	0%
2271 - Air Pilots, Flight Engineers and Flying Instructors	-	-	0%	-	-	0%	-	-	0%	-	-	0%
3234 - Paramedical Occupations	10	29	34%	-	-	0%	-	-	0%	10	29	34%
4112 - Lawyers and Quebec Notaries	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4161 - Natural and Applied Science Policy Researchers, Consultants and Program Officers	5	10	50%	2	4	50%	2	5	40%	9	19	47%
4162 - Economists and Economic Policy Researchers and Analysts	-	-	0%	-	-	0%	-	-	0%	-	-	0%
4169 - Other Professional Occupations in Social Science, n.e.c.	2	4	50%	-	-	0%	-	-	0%	2	4	50%
4312 - Firefighters	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6313 - Accommodation, travel, tourism and related services supervisors	3	6	50%	-	-	0%	-	-	0%	3	6	50%
6321 - Chefs	-	-	0%	-	-	0%	-	-	0%	-	-	0%
6322 - Cooks	4	12	33%	-	-	0%	5	5	100%	9	17	53%

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	32	58	55%	1	1	100%	-	-	0%	33	59	56%
6711 - Food Counter Attendants, Kitchen Helpers and Related support Occupations	135	166	81%	-	-	0%	-	-	0%	135	166	81%
7201 - Contractors and supervisors, machining, metal forming, shaping and erecting trades and related occupations	1	29	3%	-	-	0%	-	-	0%	1	29	3%
7202 - Contractors and Supervisors, Electrical Trades and Telecommunications Occupations	-	12	0%	-	-	0%	-	-	0%	-	12	0%
7203 - Contractors and Supervisors, Pipefitting Trades	2	4	50%	-	-	0%	-	-	0%	2	4	50%
7204 - Contractors and Supervisors, Carpentry Trades	5	44	11%	-	-	0%	-	-	0%	5	44	11%
7205 - Contractors and Supervisors, Other Construction Trades, Installers, Repairers and Servicers	12	76	16%	-	1	0%	1	2	50%	13	79	16%
7233 - Sheet Metal Workers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7234 - Boilermakers	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7236 - Ironworkers	15	167	9%	-	-	0%	-	-	0%	15	167	9%
7237 - Welders and Related Machine Operators	7	22	32%	-	-	0%	-	-	0%	7	22	32%
7242 - Industrial Electricians	30	65	46%	-	-	0%	-	-	0%	30	65	46%
7244 - Electrical Power Line and Cable Workers	7	59	12%	-	-	0%	1	1	100%	8	60	13%
7251 - Plumbers	2	5	40%	-	-	0%	-	-	0%	2	5	40%
7252 - Steamfitters, Pipefitters and Sprinkler System Installers	4	15	27%	-	-	0%	-	-	0%	4	15	27%
7271 - Carpenters	117	409	29%	-	-	0%	-	-	0%	117	409	29%
7281 - Bricklayers	2	12	17%	-	-	0%	-	-	0%	2	12	17%
7293 - Insulators	-	1	0%	-	-	0%	-	-	0%	-	1	0%
7294 - Painters and Decorators (except interior decorators)	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7301 - Contractors and supervisors, mechanic trades	2	10	20%	-	-	0%	-	-	0%	2	10	20%
7302 - Contractors and supervisors, heavy equipment operator crews	2	30	7%	-	-	0%	-	-	0%	2	30	7%
7311 - Construction Millwrights and Industrial Mechanics	4	7	57%	-	-	0%	-	-	0%	4	7	57%
7312 - Heavy- Duty Equipment Mechanics	16	55	29%	-	-	0%	-	-	0%	16	55	29%
7371 - Crane Operators	13	67	19%	-	-	0%	-	-	0%	13	67	19%
7372 - Drillers and Blasters - Surface Mining, Quarrying and Construction	2	16	13%	-	-	0%	-	-	0%	2	16	13%

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.	3	4	75%	-	-	0%	-	-	0%	3	4	75%
7452 - Material Handlers	10	24	42%	-	-	0%	6	6	100%	16	30	53%
7511 - Transport Truck Drivers	94	161	58%	-	-	0%	-	-	0%	94	161	58%
7512 - Bus Drivers, Subway Operators and Other Transit Operators	24	25	96%	-	-	0%	-	-	0%	24	25	96%
7521 - Heavy Equipment Operators (Except Crane)	59	293	20%	-	-	0%	9	9	100%	68	302	23%
7533 - Boat and Cable Ferry Operators and Related Occupations	-	-	0%	-	-	0%	-	-	0%	-	-	0%
7611 - Construction Trades Helpers and Labourers	19	76	25%	-	-	0%	-	-	0%	19	76	25%
7612 - Other Trades Helpers and Labourers	225	531	42%	-	-	0%	16	16	100%	241	547	44%
8211 - Supervisors, Logging and Forestry	-	5	0%	-	-	0%	-	-	0%	-	5	0%
8241 - Logging Machinery Operators	3	75	4%	-	-	0%	-	-	0%	3	75	4%
8616 - Logging and Forestry Labourers	3	11	27%	-	-	0%	-	-	0%	3	11	27%
9241 - Power Engineers and power system operators	1	4	25%	-	-	0%	-	-	0%	1	4	25%
Totals	952	3,014	32%	5	26	19%	64	146	44%	1,021	3,186	32%

Appendix B – Contracts Awarded Since Project Sanction

Table 26 – Contracts Awarded Since Project Sanction

Package #	Package Title	Award Date	Successful Bidder(s)
CD0508	Supply and Install Electrode Sites	02-Mar-2015	H.J.O' Connell Construction Ltd.
CT0327-015	HVdc Clearing and Access – Section 1 (Blocks Nos. 9, 10, 11, and 12)	09-Jan-2015	Johnson's Construction Limited
CH0008	North Spur Stabilization Works	23-Dec-2014	Gilbert Newfoundland & Labrador Contracting Limited
CT0327-014	HVdc Clearing and Access – Section 1 (Blocks Nos. 13 & 14)	19-Dec-2014	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.
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.

Package #	Package Title	Award Date	Successful Bidder(s)
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 Amercias 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
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.

Package #	Package Title	Award Date	Successful Bidder(s)
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-October-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
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.

Package #	Package Title	Award Date	Successful Bidder(s)
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-October-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.