Document Front Sheets

nalcor energy
LOWER CHURCHILL PROJECT

NE-LCP Contractor/Supplier

Contract or Purchase Number and Description: CH0007-001 – Construction of Powerhouse, Spillway and Transition Dams	Contractor/Supplier Name: ASTALDI CANADA INC.
Document Title: Monthly Progress Report NO. 011 – Reporting Period 26-Nov-2014 – 25-Dec-2014	Total Number of Pages Incl. Front Sheet: 183
Contractor Document Number: MFA-AT-SD-0000-PM-A06-0011-01	Revision Number : B2
Supplier Document Number :	Revision Number :

NE-LCP Document Number : MFA-AT-SD-0000-PM-A06-0011-01	NE-LCP Issue Number : B2

Approver's Signature :	Date (dd-mmm-yyyy): 04-Feb-2015	Review Class:
Comments:		Equipment Tag or Model Number:

NE-LCP

REVIEW DOES NOT CONSTITUTE APPROVAL OF DESIGN DETAILS, CALCULATIONS, TEST METHODS OR MATERIAL DEVELOPED AND/OR SELECTED BY THE CONTRACTOR, NOR DOES IT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH CONTRACTUAL OR OTHER OBLIGATIONS.

- ☐ 01 – REVIEWED AND ACCEPTED – NO COMMENTS
- ☐ 02 – REVIEWED – INCORPORATE COMMENTS, REVISE AND RESUBMIT
- ☐ 03 – REVIEWED - NOT ACCEPTED
- ☐ 04 – INFORMATION ONLY
- ☐ 05 – NOT REVIEWED

Lead Reviewer:	Date (dd-mmm-yyyy):	Project Manager:	Date (dd-mmm-yyyy):
NE-LCP Management:	Date (dd-mmm-yyyy):		

General Comments:

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DOCUMENT REVIEW
Comment Sheet

Completed by LCP Representative				Completed by LCPDCC
Document Title:				Record Number:
Monthly Progress Report No. 011 – December 2014				Workflow
NE-LCP Document Number:	Revision:	3RD Party Document Number:	Revision:	Transmittal Number:
MFE-AT-SD-0000-PM-A06-0011-01	B2			
LCP Department of Origin:		Purchase Order/Contract Number:		Transmittal Date:
Project Controls		CH0007		
Distribute Comment Sheet to:		Date returned to LCPDCC		

Comments:

LCP Representative: Mike Collins	Lead Reviewer: Peter Mulcahy

Item No.	Section/Paragraph /Page/Sheet	Comment	Response	Status
	1 - Executive Summary	Concrete Volume placed during period says 6,142m3 which contradicts Page 17 which says 1,699m3, page 18 says 2,125m3, and Page 51 says 3,726m3. LCP again requests contractor to review reports for consistency, and ensure each group reports for their discipline only. Quantities should be tracked by one discipline only		
	3 - Environmental	Appendix B – Please include Cumulative to Date Curve for Fuel Consumption		
	4 - QA / QC	Appendix C – Focus on Open Issues only. Do not need to show entire list. Ensure there is a plan to close out QA issues		
	5 - Planning	Is Astaldi planning updating the current Project Schedule		
	7 - Construction	Figure 9 (Page 17) – Executive Physical Progress Summary Table		

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DOCUMENT REVIEW
Comment Sheet (Cont'd)

Comments:

Item No.	Section/Paragraph /Page/Sheet	Comment	Response	Status
		is very useful, and would be beneficial in the Executive Summary (as title would suggest)		
	9 - Contract Admin	Good to see the Contract Administration Statistics in this month's report. Please add another column that shows # of Open Items. Reflect the open items in Appendix G for Contract Admin logs. No need to report on closed items. (Try to shorten Monthly Report. Logs are available if required) Contract Admin logs are duplicated in this month's report.		
	10 - Project Controls & Financial Status	LCP recognizes the considerable effort Astaldi has put into using Cost Reporting Templates provided by LCP. LCP suggests to incorporate the "Earned Value" Column from the original reporting structure (first 3 pages of Appendix H) into the new format, and this would eliminate another report. It has come to LCP's attention that Astaldi "may" be reporting on the Actual Cost of staff in this report. Please confirm that the Actual Cost and Forecast to complete for Staff are based on the contractual hourly rates, and not the actual cost of the staff. Labour Earned Value Analysis Narrative and Report in Appendix H Cumulative to Date Cost Variance do not match. Narrative shows -$104,594,924 & Report shows -$99,594,925. It appears Attendant Labour has the correct hrs, but not cost forecast. LCP recognizes the labour forecasting tools to determine the cost forecast, but must remind Astaldi of Lmax = Target Cost of Labour (defined in Contract & Change Orders) + 64.3M.		

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DOCUMENT REVIEW
Comment Sheet (Cont'd)

Comments:

Item No.	Section/Paragraph /Page/Sheet	Comment	Response	Status
		Actual hours up to Dec 27, 2014 shows 2,296,490 hrs. Incurred Cost Report submitted in December (estimate) had 2,493,836 hrs + "Extras / Others" for a total of 2,554,690 hrs. There is a current variance of 258,200 hrs. LCP was of the understanding that the Cumulative to Date hours would be the Incurred hours which is a combination of Actual + forecast (accrued) hours, and would not change between Incurred Cost (prior to month end) and Cost Forecast (post month end). Submitting very similar documents with different #'s is very confusing. Incurred hrs in the report are Actual hrs + a few weeks of accruals. These are "trued" up or corrected every month, and should be very accurate for reporting purposes. LCP has noticed that Astaldi is approximately $30.2M over budget to date for Direct Labour, and forecasting to be $30.2M over budget at completion. While we agree measures are being put in place to drastically revamp construction performance, increasing Performance from a current PF of 0.275 (To Date) to 1.0 going forward (remaining work gets completed on budget) is a monumental task and we must remain vigilant to track against this assumption and revise forecasts when Astaldi gets some run-time against the changes. Page 3 of Appendix H has a couple of math errors in the Contractual hours column and thus in the Estimate at Completion and Variance columns. This sheet summarizes Direct hrs by Structure, which is also incorporated into template provided by Nalcor		

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DOCUMENT REVIEW
Comment Sheet (Cont'd)

Comments:

Item No.	Section/Paragraph /Page/Sheet	Comment	Response	Status
		Nalcor does not necessarily agree with Items termed "Changes" with the exception of Approved Change Orders. This will be determined by LCP & Astaldi Contract Administration, and should be reported in a similar fashion. Approved Change Orders have a Labour and Non-Labour component and can be added to the Contractual Amount. Going forward LCP and Astaldi should work towards properly reporting on the costs termed "changes." Productivity Chart showing the productivity forecast (Hashed line) looks aggressive in the near term of 2015 No need to include the data sheet for the Productivity charts		
	Appendix A Org Charts	Org Chart does not reflect Astaldi's organization as of the end of December. Please update for January but do not include in Monthly Report in Future.		
	Appendix D – Planning	*Section 1* – Concrete volume poured is mentioned with no mention of planned to date volume. Should be addressed in Future Submissions. *Section 1.1 Schedule Performance Index* • Need to have a "Notes" Column populated with comments on effect on schedule dates dues to change from previous month. Planned and Actual Direct hrs to be reflected in table. *Section 1.3 Status & Mitigation / Acceleration* • For each issue, need to address o Status		

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DOCUMENT REVIEW
Comment Sheet (Cont'd)

Comments:

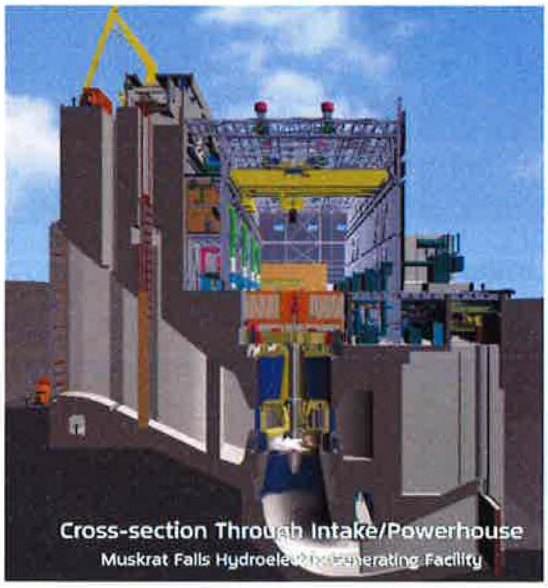
Item No.	Section/Paragraph /Page/Sheet	Comment	Response	Status
		o Mitigation o Acceleration *Section 2 – Critical & Key activities* • Need to Highlight the critical activities *Section 3.1Discussions – Potential Issues* • Need to identify mitigations of each activities		
	Appendix E – PO's	Too much detail. Remove columns where required. LCP does not need to know details / status of construction consumables. Focus on Permanent Materials and Items of significant importance that would affect Project Execution.		

NE-LCP Lead Reviewer: Peter Mulcahy Date: _____

For Contractor: _____ Date: _____

MONTHLY PROGRESS REPORT NO. 011

Reporting Period: November 26th – December 25th, 2014



Document No.: MFA-AT-SD-0000-PM-A06-0011-01 *REV: B2* *Issued for use.*

	Name	Date	Signature
Prepared	Michael St. George	04 - February - 2015	
Checked	Enrico Violato	04 - February - 2015	
Checked	Erasmo Bassano	04 - February - 2015	
Checked	Roger Hopkins	04 - February - 2015	
Approved (Astaldi):	Giacomo Orsatti	04 - February - 2015	
Approved (Nalcor):			

Table of Contents

List of Appendices

1. EXECUTIVE SUMMARY

At the end of the current reporting period, Astaldi employed **1,676** employees that were working on Logistics, Procurement, Engineering, Construction and supervision of the work. They are divided into the following categories: 198 Staff, 988 Union direct workforce for the various construction activities, 475 employees working for the Subcontractors and 15 Consultant employees, as shown in the figures below. The Astaldi Organization Chart can be found in *Appendix A*. Please note that the Human Recourses Department is current in the process of developing a new style of organization chart that will be available in the New Year.

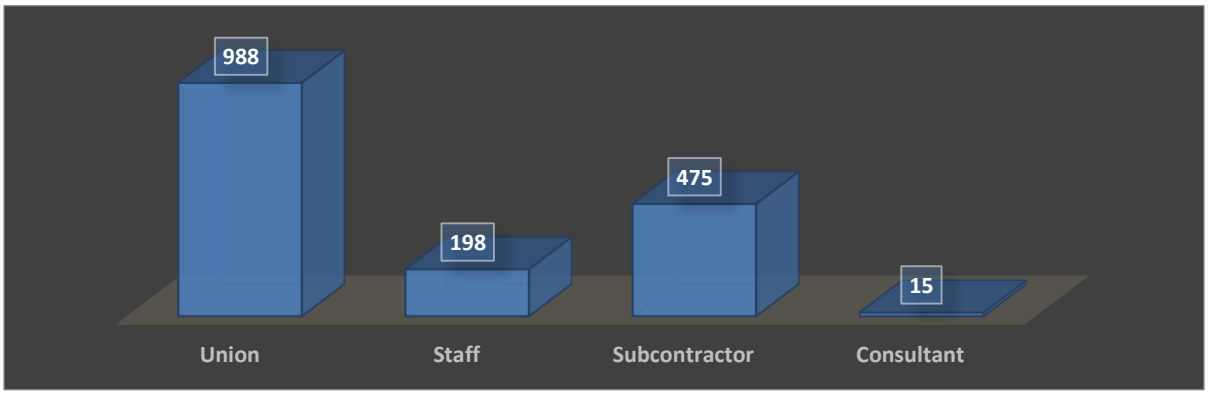


Figure 1: Number of employees at the end of reporting period

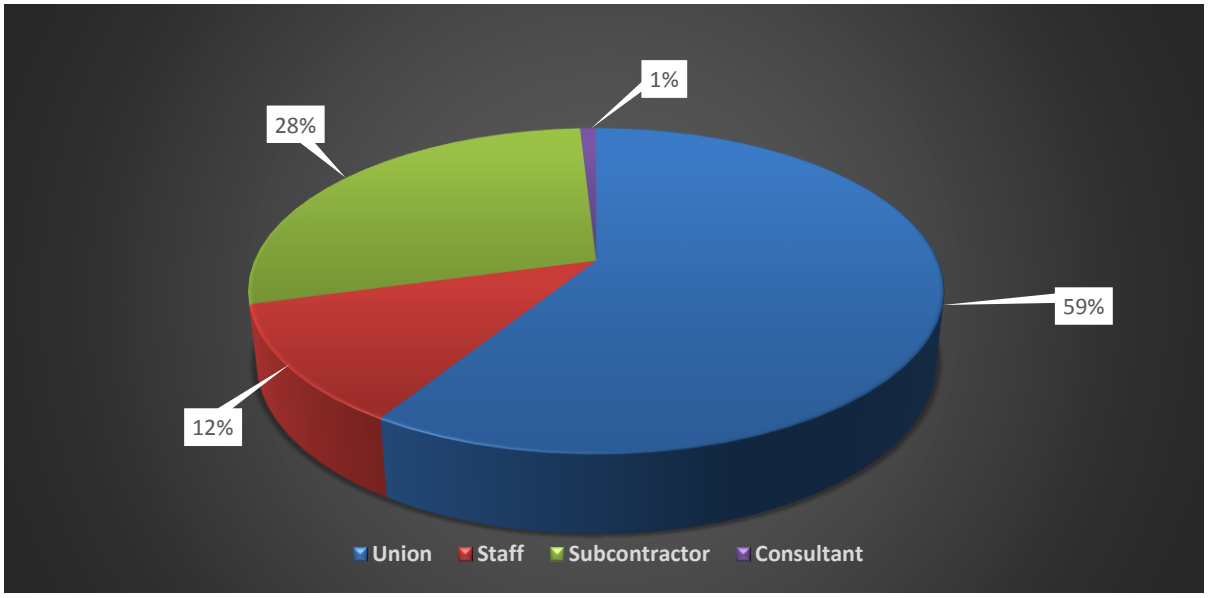


Figure 2: Astaldi workforce distribution

Concrete Volume poured during this period: **6,142 cubic meters**

Spillway Progress:

The following pier pours were completed: SWP1A-03, SWP3A-02, SWP4A-03, SWPSC-03, SWPSA-02, SWPSB-01, SWPNA-03, and SWPNB-01.
Planned activities for next month: Continue Pours of the spillway piers with a primary focus on upstream pours. This will allow the progression of the north and center transition dams.

Powerhouse Progress:

The following pours were completed: SBBNB/C-19 (Overbreak), SBB2B/C (Mubslab).

Planned activities for next month: I1BNB-00, I3BSA-00. Rock cleaning for upstream and downstream shafts is being planned and construction activities will progress with completion of two crane pads, one at Unit 1 D/S (at SE corner) and second at El. +15.20m. SBB1B-00 will be casted after cleaning of ice and snow from the area and completion of 1st crane pad. The remaining work will continue with 2nd crane pad. SBB1A-00 will be casted after cleaning of ice and snow from the area.

Transition Dams Progress:

The following pours were completed: STU1A-01, CTU4A-04 (1/2)

Planned activities for next month: Work on the south and center transition dams will be temporarily halted once the active pours have been completed in order to aim our focus on critical activities. Upon completion of these critical activities, work in the transition dams will resume.

Separation Wall Progress:

The following pours were completed: WLW4A-03, WLW6A-03.

Planned activities for next month: Work on the separation wall will be temporarily halted once the active pours have been completed in order to aim our focus on critical activities. Upon completion of these critical activities, work on the separation wall will resume.

Integrated Cover Structure (ICS) Progress (Units 1 & 2 Only):

Structural Steel Fabrication Completed: **100%**

Cladding Completed (modified scope): **100%**

Decking Completed: **100%**

For detailed information related to the progression of the project as well as updates on milestones and issues we have encountered please refer to *Appendix D – Planning Report*

2. HEALTH AND SAFETY

The following charts & tables summarize health and safety performance indicators and statistics.

Table 1: Health and Safety performance indicators

	Health and Safety Performance	Period	YTD	Project
Lagging Indicators	Number of First Aid & Medical Aid Incidents	4	136	136
	Orientations Completed	87	2,652	2,652
	JSA's Completed	20	162	162
	Number of Property Damage Incidents	7	75	75
	Number of Near-Miss Incidents	1	28	28
	Number of JHA's/JSA's/FLHA's Conducted	14,439	94,915	94,915
Leading Indicators	Number of High Potential Near Misses	2	39	39
	Number of Tool Box Meetings	1,584	8,005	8,005
	Number of Management Inspections	5	36	36
	Number of Safety Inspections	629	2,220	2,220
	Number of Weekly Safety Meetings	175	581	581

Table 2: Health and Safety performance indicators

Entire Project	
First Aid Cases	126
Medical Aid Cases	10
Modified Duty Cases	24
LTI's	1
Fatalities	0
Modified Work Days	295
Property/Equipment Damage	75
Vehicle Incidents	1
Security Incidents	6

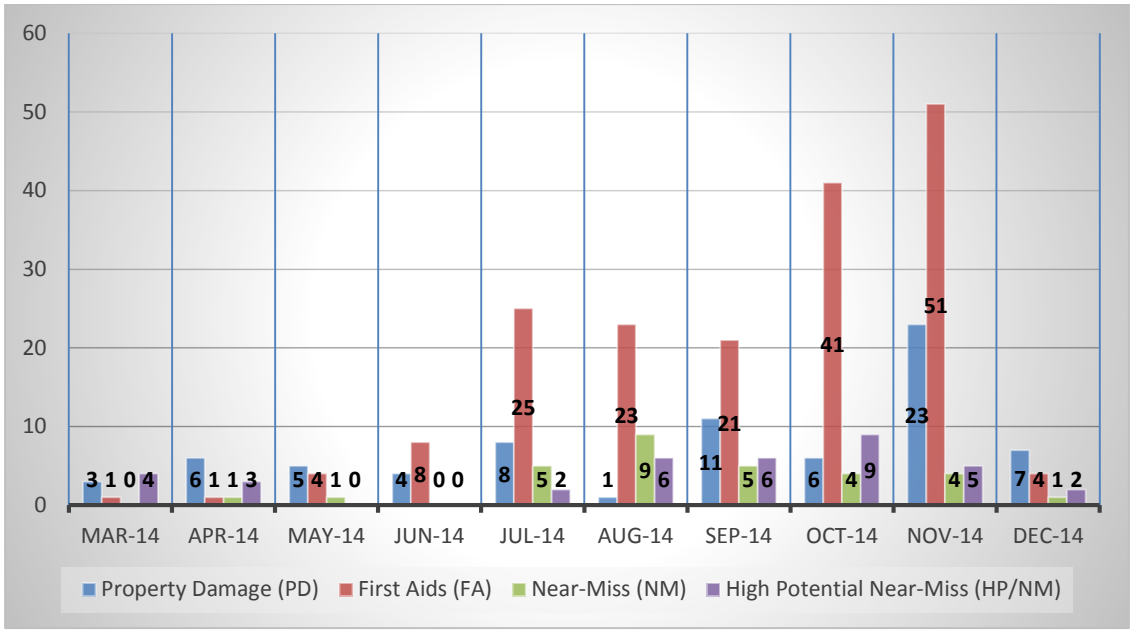


Figure 3: Health and safety statistics

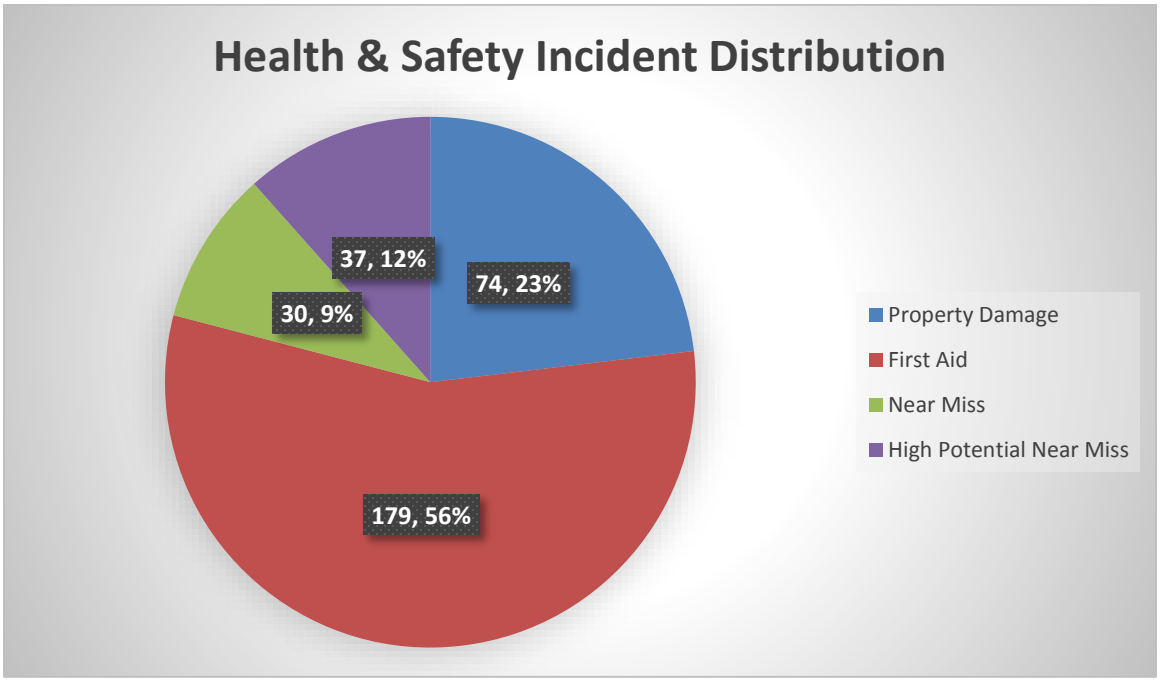


Figure 4: Incidents distribution

Table 3: First Aid Incident Log

#	Case No.	Date	Description
1	2014-383	29-11-2014	Worker struck thumb.
2	2014-387	04-12-2014	Worker slipped exiting crawler crane.
3	2014-397	14-12-2014	Worker twisted back installing/aligning tire.
4	2014-402	17-12-2014	Worker slipped, causing an abrasion to palm of hand.

Table 4: Medical Aid Incident Log

#	Case No.	Date	Description
1	2014-391	07-12-2014	Worker strikes chin on plywood.
2	2014-400	15-12-2014	Worker stuck head on cross bar.

Table 5: High Potential Near Miss Log

#	Case No.	Date	Description
1	2014-389	03-12-2104	Crane outrigger came off pad.
2	2014-394	09-12-2014	Ice chipper makes contact with 240 volt neutral line.

Table 6: Near Miss Log

#	Case No.	Date	Description
1	2014-388	04-12-2014	Dropped Purlin.

Table 7: Property Damage Log

#	Case No.	Date	Description
1	2014-378	26-11-2014	AWP hits ceiling (ISK-LRM)
2	2014-382	28-11-2014	Damaged 35 ton spreader bar.
3	2014-386	01-12-2014	Trailer slipped making contact with steel beam
4	2014-390	07-12-2014	While backing trailer, roof truss makes contact with headache rack.
5	2014-392	07-12-2014	Jib of crane makes contact with steel knocking off red reflector
6	2014-396	10-12-2014	Bobcat runs over buried “dead” 120 volt cable
7	2014-398	14-12-2014	Bent fork rack on bobcat after moving scaffold rack.

3. ENVIRONMENTAL COMPLIANCE

The following tables provide statistics on key performance indicators, reportable spills, hazardous & non-hazardous waste disposal, non-conformities, water usage and aggregate usage for the purpose of road maintenance. The monthly fuel consumption log can be found in *Appendix B*.

Table 8: Environmental Key Performance Indicators

	Project Total
Environmental Incidents	113
Environmental Inspections	331
Environmental Non-Conformities	7

Table 9: Summary of Reportable Spills (Nov 25 to Dec 31, 2014)

Date of Incident	Description of Incident (quantity, product type, location)	Clean-up Completed (Y/N)	Report Submitted (Y/N)
2014-11-27	MAIN GATE - truck park area, 500ml of engine oil from a transport truck working for AGF.	Y	Y
2014-11-28	DD LAYDOWN & SOUTH SEPARATION WALL - 1L of diesel fuel in various locations caused by failure to follow refuelling procedures.	Y	Y
2014-11-28	LAYDOWN AREA E- Astaldi Fuel truck had a fuel leak, losing about 1L of diesel to the ground.	Y	Y
2014-11-28	SPILLWAY UPSTREAM - Suspected to have occurred during refuelling, 1 L of diesel lost to the ground next to welding machine.	Y	Y
2014-11-29	SOUTH SEPARATION WALL - 250ml of engine oil lost to the ground from a Sullair Compressor.	Y	Y
2014-12-04	INTAKE - 250ml of hydraulic fluid from vacuum truck, tank overfilled with fluid.	Y	Y
2014-12-06	MAIN ACCESS ROAD, KM 1 - 1L of antifreeze to the road from sand truck.	Y	Y
2014-12-06	CONVERTER YARD - 10L of diesel fuel to the ground from 45kw generator, fuel return line dislocated.	Y	Y
2014-12-07	CONCRETE TRUCK WASH - 2L of glycol from Wacker Neuson Glycol ground heater.	Y	Y
2014-12-08	MAIN ACCESS ROAD, KM 6 Laydown - 1 L of blue diesel exhaust Fluid from busted tank of sand truck.	Y	Y
2014-12-12	POWERHOUSE D-LINE - <1L Hydraulic Fluid from a JLG to the ground, cause by damaged O ring in an accumulation valve.	Y	Y
2015-12-15	LAYDOWN J-1.5 L Hydraulic Fluid from Pen Cal Roll Off Truck-Broken Hydraulic Line causing spill to ground-1.5 l.	Y	Y
2014-12-18	AREA J - 3L diesel-fuel spill underneath a generator discovered possibly from refueling error-3L.	Y	Y

Table 10: Record of Waste Disposal, Hazardous & Non-Hazardous (Nov 25 to Dec 31, 2014)

Date of Disposal	Description of Waste (quantity & type)	Disposal Facility/Contractor	Disposal Record Submitted (Y/N)
NON HAZARDOUS WASTE			
Nov-25	1 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Nov-27	4 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Nov-28	1 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Dec-01	7 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Dec-02	1 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Dec-03	4 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Dec-05	3 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Dec-09	4 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Dec-11	3 x 40m^3 roll off bins (wood/general waste))	PenCal → HV-GB Landfill	n/a
Dec-14	12 x 40m^3 roll off bins (wood/general waste)	PenCal → HV-GB Landfill	n/a
Dec-18	7 x 40m^3 roll off bins (wood/general waste/used tires)	PenCal → HV-GB Landfill	n/a
HAZARDOUS WASTE			
Dec-6	1200L of waste oil	Pardy's → Pardy's Waste Facility	Requested
Dec-16	32 drums of assorted hazardous waste solids	Pardy's → Pardy's Waste Facility	Requested
Dec-17	~10t of contaminated soils	Pardy's → Universal Environmental	Requested
Dec-19	16 drums of assorted hazardous waste solids	Pardy's → Pardy's Waste Facility	Requested

Table 11: Summary of Non-compliances & Corrective Actions

	Non Compliance	Corrective action	Date Finalized
Nov 29, 2015	NCR external CH0007-AST-CAN-NCR-057-01- Failure to Report Spills	Remediate affected areas, removed contaminated waste and place at Hazardous Waste Management Area for removal by a licensed vendor (Incident reports LCP-ACI-2014-11-28-0102, LCP-ACI-2014-11-28-0103 & LCP-ACI-2014-11-28-0104). Review spill reporting and response procedures with all crews, site wide. Review Fuel Handling Procedures with all labourers performing refueling duties. Purchase adequate numbers of jerry cans, proper sized diesel nozzles, spill kits, drip pans.	In progress

Table 12: Water Withdrawn for Project Processes (Nov 25-Dec 31)

	Approximate Volume Withdrawn (L)	Process/Purpose
NOV-2014	284207L from Churchill River	Batch Plant for concrete production
	96700 from McKenzie Brook	Concrete Curing

Table 13: Quarrying and Aggregate Usage (Nov 30-Dec 31)

Quarry/Borrow Source Location	Description of Material Extracted	Quantity Extracted	Process/Purpose
GD-8	Sand	0m^3	

4. QUALITY ASSURANCE & CONTROL

Table 14 depicts the Inspection Test Plans (ITPs) status. No new ITPs have been generated during the reporting period though more ITP's will follow as work progresses.

The hold and witness point for the upcoming three weeks will be for foundation, formwork, reinforcement & waterstop inspections, and concrete placement, monitoring and testing.

Fifteen new NCR's have been issued by Astaldi Canada during the reporting period. Astaldi Canada did not receive any NCRs from LCP. Twenty-six NCRs generated by Astaldi Canada remain open while three NCR's from LCP remain open. See *Appendix C – Quality Department Register* for the ITP and NCR logs.

Table 14: Quality Department ITPs Status

ITP Status	Previous Reporting Period	Current Reporting Period	Total To Date
Number of ITPs Submitted	0	0	8
Number of ITPs Approved	1	0	3

Table 15: Quality Department NCRs, CARs, PARs Status

	Previous Reporting Period	Current Reporting Period	Total To Date	Closed To Date
NCR from LCP	0	0	11	8
NCR from Astaldi Canada	15	11	58	13
PAR/CAR/OFI	1	0	6	2

Table 16: Quality Inspections Performed

Quality Inspections Performed	Previous Reporting Period	Current Reporting Period	Total to Date
	192	210	2379

5. PLANNING

Refer to *Appendix D – Planning Report* for a detailed monthly narrative regarding the status of the project and issues we have encountered. Figure 5 and 6 present a summary level of the overall project schedule.

We are preparing a template for Procurement progress tracking. This template will be used for offline detailed tracking of procurement packages.

Figures 7 and 8 show the overall man-hours and concrete commodity resources histograms respectively. Please note that the primavera schedule files (.xer files) have been submitted along with the monthly report as a separate file.

Appendix D – Planning Report contains the following information:

- Planning Monthly Narrative Report
- Three Month Look Ahead Schedule
- Progress & Commodity Curves and Summary Tables
- Concrete Pour Curves
- Milestone Variance Analysis
- Multiple Float Path Analysis

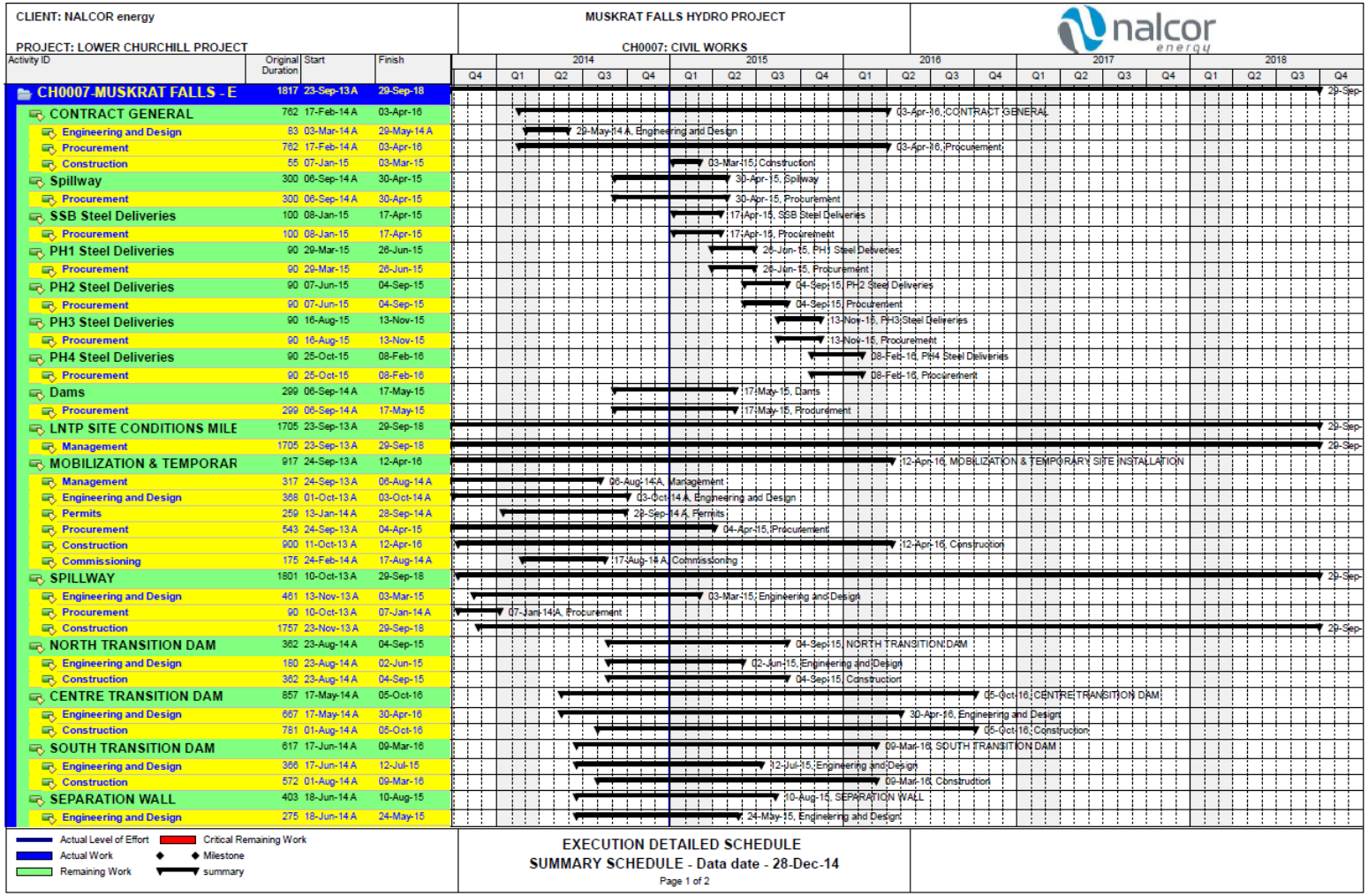


Figure 5: Summary Level for Overall Project Schedule (Part 1 of 2)

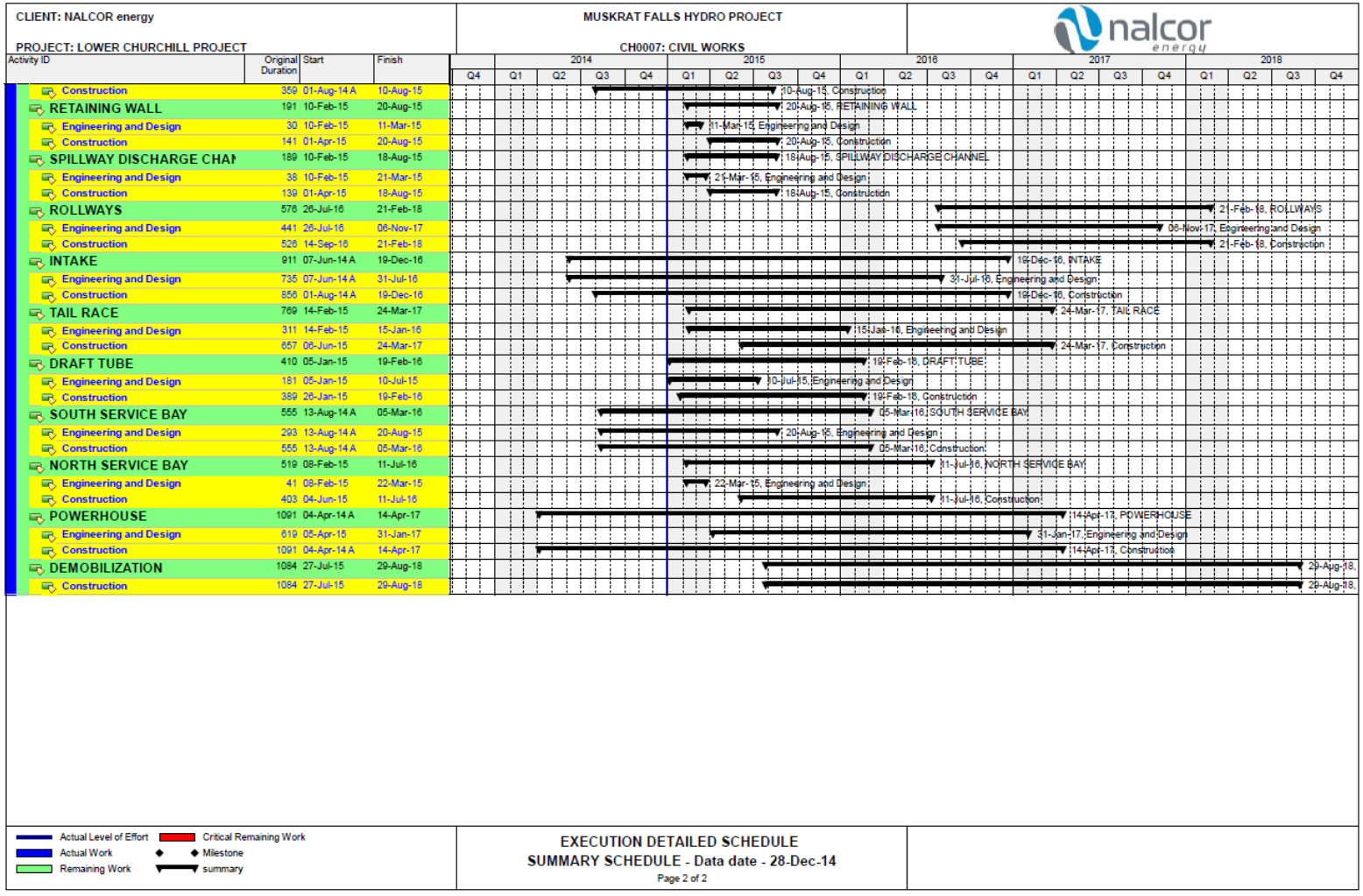


Figure 6: Summary Level for Overall Project Schedule (Part 2 of 2)

CH0007 - MFP Construction - Overall Progress Curve & Manpower Histogram

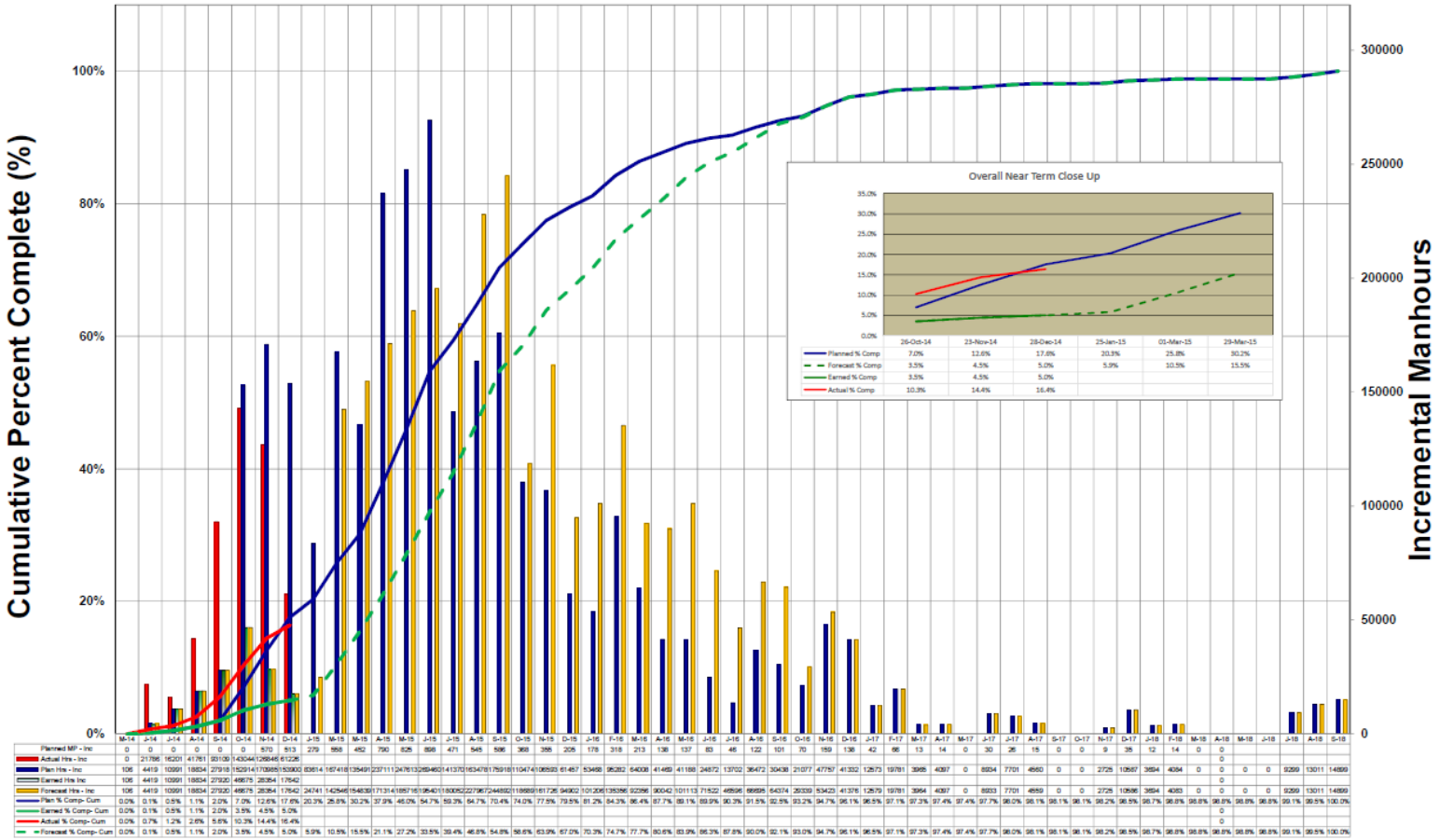


Figure 7: Man-Hours Histogram

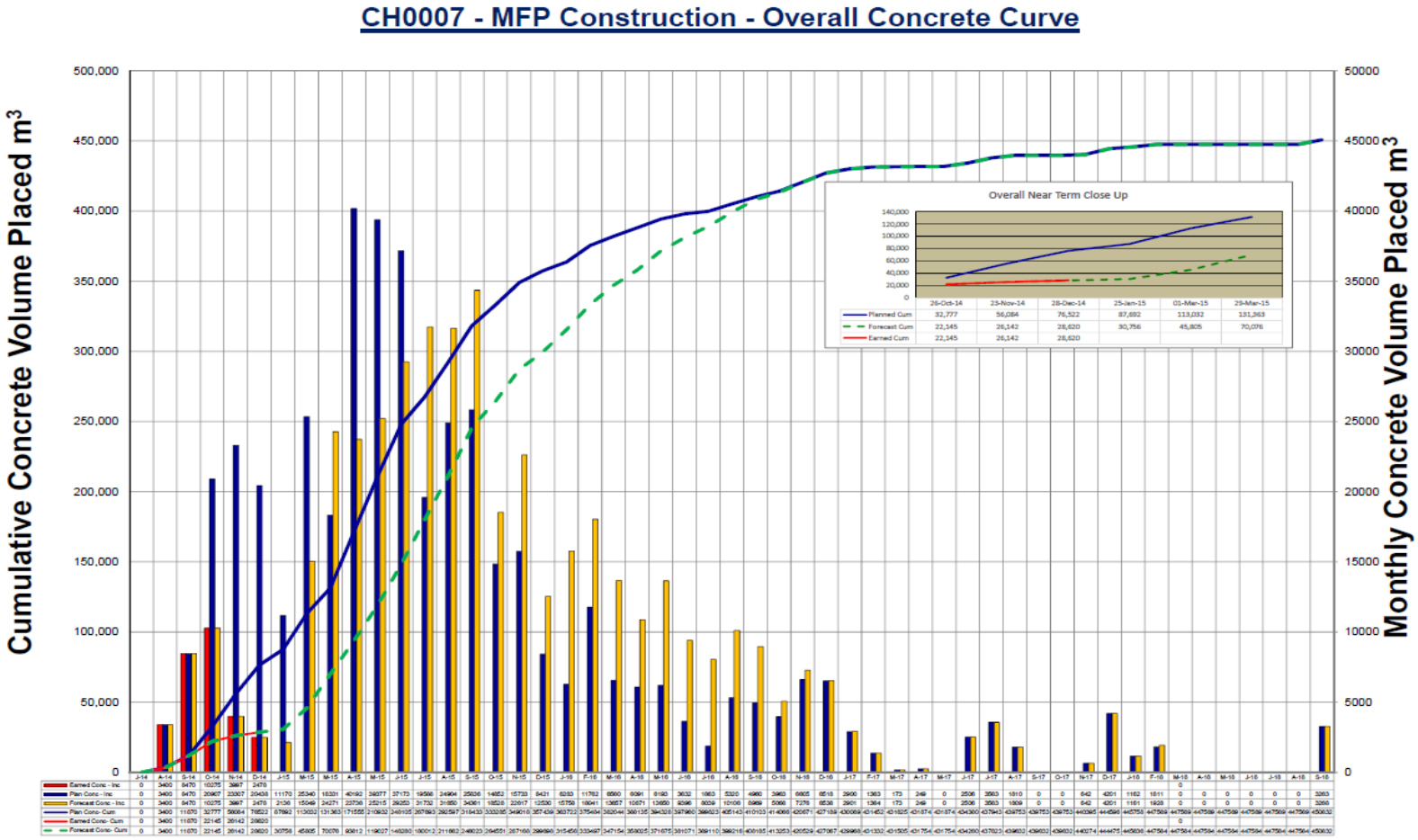


Figure 8: Concrete Quantity Histogram

6. ENGINEERING

Highlights of the Period

- Review of AGF drawings for Centre Transition Dam, monolith 1, Draft tube unit 1, Intake unit 1 (base slab and walls).
- Review of SWS drawings for Intake unit 3 base slab, North transition dam, Service Bay, Centre transition dam, Spillway and Draft tube unit 1.
- Review of DOKA drawings for South and Centre transition dams.
- Wood formwork design and drawings submitted to DCMF.
- Finalization of concrete distribution system in the powerhouse (alternative solution in order to avoid any embedment in the concrete).
- Interface with DPHV for Ladders design inside ICS structure and ICS dismantling sequences.
- Concession issued for ICS clashes in Powerhouse.
- Technical support for fall arrest line for the powerhouse crew.
- Technical interface with Norseman for tarp cover of the ICS structure.
- Technical review of the lighting system in the ICS structure.
- Precast solution for permanent bridges in the spillway structure: finalization and agreement with Astaldi's supplier.
- Finalization and delivery of the Technical Department Management plan.
- Completion of analysis of erection of permanent bridges (upstream and downstream) in the spillway structure.

Three Month Look Ahead

- Submission of Construction Sequences document to the Company.
- Shop drawings submission (main area will be draft tube units 1 & 2, Intake units 1 & 2 and South Service Bay).
- Submission of CON regarding the CJ modification of the intake structure.
- Submission of CON ask for sleeves to embed in the South Service Bay – Slab on the rock area.
- Submission of all the bridges in Spillway structure to the Company.
- Submission of Concession Request for ICS clashes resolution.
- Creation of Document list for all shop drawings and develop tools for the engineering management and progress evaluation.
- Activity of red lines on IFC drawings.

Table 17: Engineering Department Document Status Statistics

	Issued	Open	Closed
Engineering Change Notice (ECN)	8	2	6
Change Request (CR)	2	2	0
Site Instruction (SI)	2	0	2
Site Query's (SQ)	21	2	19
Concession Requests (CON)	15	0	15

7. CONSTRUCTION

The following tables and figures detail the monthly progress in regards to construction.

Executive Physical Progress Summary

December 2014 (Week Ending 27-12-2014)

			ESTIMATED QTY	Previous	Current	Cumulate	% Complete
CH0007	**ALL PROJECT**						
	Concrete	m3	454,063	28,069	1,699	29,767	6.6%
	Rebar	kg	26,534,531	1,889,756	49,662	1,939,418	7.3%
	Structural and misc steel	kg	5,368,656	22,585	3,492	26,078	0.5%
DAMS & WALL	**Total DAMS&WALL**						
	Concrete	m3	59,830	6,204	471	6,675	11%
	Rebar	kg	483,300	54,692	2,282	56,974	12%
	Structural and misc steel	kg	172,830	70	0	70	0%
	NORTH TRANSITION DAM						
	Concrete	m3	9,200	0	0	0	0%
	Rebar	kg	55,000	0	0	0	0%
	Structural and misc steel	kg	16,425	0	0	0	0%
	CENTRE TRANSITION DAM						
	Concrete	m3	29,815	3,132	230	3,362	11%
	Rebar	kg	145,000	13,125	2,282	15,407	11%
	Structural and misc steel	kg	139,865	70	0	70	0%
	SOUTH TRANSITION DAM						
	Concrete	m3	9,835	1,189	0	1,189	12%
	Rebar	kg	283,300	41,567	0	41,567	15%
	Structural and misc steel	kg	16,540	0	0	0	0%
	SEPARATION WALL						
	Concrete	m3	10,980	1,883	241	2,124	19%
SPILLWAY	**Total SPILLWAY**						
	Concrete	m3	78,935	19,771	1,228	20,999	27%
	Rebar	kg	4,484,150	1,730,798	40,558	1,771,356	40%
	Structural and misc steel	Kkg	600,814	22,515	3,492	26,008	4%
	SPILLWAY STRUCTURE						
	Concrete	m3	49,000	19,380	1,228	20,607	42%
	Rebar	kg	3,967,000	1,730,798	40,558	1,771,356	45%
	Structural and misc steel	kg	236,044	22,515	3,492	26,008	11%
	SPILLWAY ROLLWAY						
	Concrete	m3	19,500	0	0	0	0%
	Structural and misc steel	kg	13,500	0	0	0	0%
	SPILLWAY BRIDGES						
	Concrete	m3	460	0	0	0	0%
	Rebar	kg	122,150	0	0	0	0%
	Structural and misc steel	kg	351,270	0	0	0	0%
	SPILLWAY DISCHARGE CHANNEL - PHASE 1						
	Concrete	m3	4,025	391	0	391	10%
	Rebar	kg	145,000	0	0	0	0%
	SPILLWAY DISCHARGE CHANNEL - PHASE 2 - OPTIONAL						
	Concrete	m3	1,750	0	0	0	0%
	Rebar	kg	90,000	0	0	0	0%
	SPILLWAY DISCHARGE CHANNEL - PHASE 3 - OPTIONAL						
	Concrete	m3	4,200	0	0	0	0%
	Rebar	kg	160,000	0	0	0	0%
INTAKE	**INTAKE**						
	Concrete	m3	147,951	1,360	0	1,360	1%
	Rebar	kg	10,647,650	102,923	6,822	109,745	1%
POWER HOUSE	**POWER HOUSE**						
	Concrete	m3	167,347	734	0	734	0%
	Rebar	kg	10,919,431	1,343	0	1,343	0%
	SUPERSTRUCTURES INTAKE AND POWER HOUSE						
	Structural and misc steel	kg	4,595,012	0	0	0	0%

Figure 9: Executive Physical Progress Summary

Table 18: Monthly Concrete Production

POUR #	Start Date of Pour	Mix2	Qty (m^3)
SWPSA-02	**26-Nov-14**	35420A3	**32**
SWPSA-02	**26-Nov-14**	35440A2-5	**184**
SBB2B/2C (Mudslab)	**27-Nov-14**	35420A3	**104**
SWPSC-03	**02-Dec-14**	35420A3	**24**
SWPSC-03	**02-Dec-14**	35440A2-5	**230**
WLW6A-03	**02-Dec-14**	2520001BC-3	**28**
WLW6A-03	**02-Dec-14**	2544001BC-2	**224**
SWP4A-03	**03-Dec-14**	35420A3	**24**
SWP4A-03	**03-Dec-14**	35440A2-5	**216**
SWP1A-03	**04-Dec-14**	35420A3	**32**
SWP1A-03	**04-Dec-14**	35440A2-5	**200**
SWPNA-03	**07-Dec-14**	35420A3	**32**
SWPNA-03	**07-Dec-14**	35440A2-5	**168**
SWPNB-01	**10-Dec-14**	35420A3	**48**
SWPNB-01	**10-Dec-14**	35440A2-5	**164**
CTU4A-04	**12-Dec-14**	25440BC-2	**6**
CTU4A-04	**11-Dec-14**	2520001BC-3	**8**
CTU4A-04	**11-Dec-14**	35420A3	**24**
CTU4A-04	**11-Dec-14**	35440A2-5	**168**
SWPSB-01	**13-Dec-14**	35420A3	**32**
SWPSB-01	**13-Dec-14**	35440A2-5	**176**
		Total	**2,124**

Table 19: Cumulative Production (Powerhouse & Dams)

Structure & Location	Item Installed	To Date Quantity (m^2)
Intake [I4BSA-00]	Formwork	135.396 (90%)
South Transition Dam [STU1A-01]	Formwork	104.4 (75%)
Separation Wall [WLW2A-01]	Formwork	42.70 (35%)
Separation Wall [WLW3A-01]	Formwork	30.7 m2 (80%)
Separation Wall [WLW3A-02]	Formwork	91.1 (75%)
Separation Wall [WLW4A-01]	Formwork	32.1 m2 (80%)
Separation Wall [WLW4A-02]	Formwork	54.75 (75%)

Structure & Location	Item Installed	To Date Quantity (m^2)
Separation Wall [WLW4A-03]	Formwork	75.7 (75%)
Separation Wall [WLW5A-01/02]	Formwork	70.5 (75%)
Separation Wall [WLW6A-01]	Formwork	104.7 (75%)
Separation Wall [WLW6A-02]	Formwork	89.97 (75%)
Separation Wall [WLW6A-03]	Formwork	88.1 (75%)
Separation Wall [WLW7A-01]	Formwork	28.3 (75%)
Separation Wall [WLW7A-02]	Formwork	25.8 (75%)
South Service Bay [SBBNA-18]	Inverse Formwork	0.9 (100%)
South Service Bay [SBB1A-18]	Inverse Formwork	28.111 (100%)
South Service Bay [SBBSA-18]	Inverse Formwork	27.7 (19%)
South Service Bay [SBBNB-18]	Inverse Formwork	17.76 (100%)
South Service Bay [SBBNC-18]	Inverse Formwork	8.4 (75%)
South Service Bay [SBB1B-18]	Inverse Formwork	68.7 (75%)
Center Transition Dam [CTU2A-03]	Formwork	80.91 (75%)
Center Transition Dam [CTU2B-03]	Formwork	94.1 (75%)
Center Transition Dam [CTU2B-03]	Formwork	94.1 (75%)
Center Transition Dam [CTU3A-01] section 1	Formwork	30.3 (85%)
Center Transition Dam [CTU3A-01] section 2	Formwork	18.9 (60%)
Center Transition Dam [CTU4A-03]	Formwork	73.0 (95%)
Center Transition Dam [CTU4B-03]	Formwork	103.8 (95%)
Center Transition Dam [CTU4A-04]	Formwork	106.3 (75%)
Separation Wall [WLW2A-01]	Waterstop	5.3 (20%)

Table 20: Cumulative Production (Spillway)

Structure	Location	Item Installed	Quantities
Spillway Piers	SWPSA-03	Formwork	10%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	100%
	SWP1A-04	Formwork	0%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	0%
	SWP2A-03	Formwork	0%
		Waterstop, WSA	25%
		Waterstop, WSB	0%
		Embedment's	75%
	SWP3A-03	Formwork	0%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	0%
	SWP4A-03	Formwork	0%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	0%
	SWPNA-03	Formwork	100%
		Waterstop, WSA	100%
		Waterstop, WSB	100%
		Embedment's	100%
	SWPSB-01	Formwork	100%
		Waterstop, WSA	100%
		Waterstop, WSB	100%
		Embedment's	100%
	SWPNB-01	Formwork	100%
		Waterstop, WSA	100%
		Waterstop, WSB	100%
		Embedment's	100%
	SWPSC-04	Formwork	0%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	0%
	SWP1C-03	Formwork	60%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	100%
	SWP2C-02	Formwork	0%

Structure	Location	Item Installed	Quantities
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	100%
	SWP3C-02	Formwork	10%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	100%
	SWP4C-04	Formwork	40%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	100%
	SWPNC-04	Formwork	0%
		Waterstop, WSA	0%
		Waterstop, WSB	0%
		Embedment's	0%

8. PROCUREMENT AND MATERIAL MANAGEMENT

This section of the report is currently under construction. Our goal is to use the template issued by the Nalcor planner in order to identify all procurement packages for permanent works and track progress against each. Once this progress tracking has been completed it will be included. Refer to Appendix E for the register of purchase orders. Please note that all purchase orders with a price of less than $1000.00 have been excluded from the register in order to remove items of little significance.

Table 21: Procurement Statistics

	Reporting Period	YTD	Project
PO's Completed	281	3663	3663
Warehouse Requests	197	4398	4398

9. CONTRACT ADMINISTRATION

Table 22: Contract Administration Statistics

Document Type	End of Reporting Period
Change Register (CHR) 2000 Series	28
Change Register (CHR) 1000 Series	23
Field Work Order (FWO)	18
Site Instruction (SI)	16
Change Order (CO)	3

Appendix G contains Contract Administration registers.

10. PROJECT CONTROLS & FINANCIAL STATUS

Astaldi has submitted Cost Reports to Nalcor as required under the terms of the Agreement. The Cost Report and all associated charts, statistics and graphs can be found in Appendix K.

The Earned Value analysis shows a variance to date and a variance at completion as described in the tables below:

OVERALL SUMMARY

Breakdown of Variance TO DATE

item nr.	item descr.	HOURS	Var %	CAD
various	STAFF	122,120		11,059,092
	Subtotal positive	122,120		11,059,092
various	INDIRECT CRAFT	-844,080	70.3%	-67,148,153
various	DIRECT CRAFT	-355,770	29.7%	-30,178,330
	Subtotal Negative	-1,199,850	100.0%	-97,326,483
	TOTAL	**-1,077,730**		**-86,267,391**

Breakdown of Variance AT COMPLETION

item nr.	item descr.	HOURS		CAD
various	STAFF	12,431	100.0%	2,416,468
	Subtotal positive	12,431		2,416,468
various	INDIRECT CRAFT	-902,920	72.5%	-76,833,062
various	DIRECT CRAFT	-343,308	27.5%	-30,178,330
	Subtotal Negative	-1,246,228	100.0%	-107,011,392
	TOTAL	**-1,233,797**		**-104,594,924**

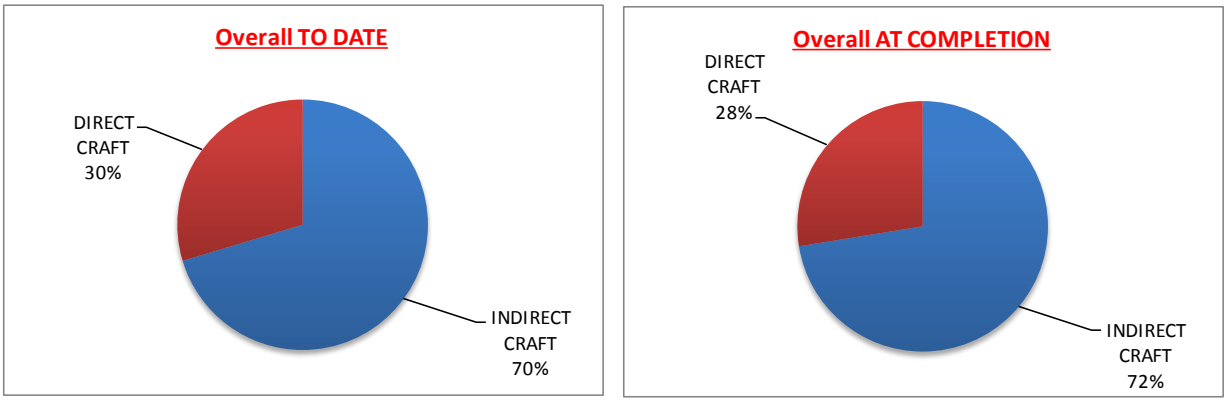


Figure 10: Variance Overall Summary

10.1. Staff

10.1.1. Variance breakdown

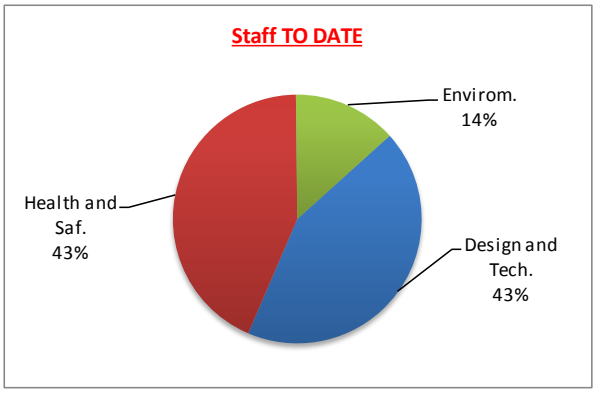
STAFF

Breakdown of Variance TO DATE

item nr.	item descr.	HOURS	Var %	CAD
0000.06	Manag. and Staff	171,475	93.4%	14,922,325
0000.12	Quality Assur.	12,126	6.6%	951,829
	Subtotal positive	183,601	100.0%	15,874,154
0000.06A	Design and Tech.	-26,509	43.1%	-2,126,436
0000.10	Health and Saf.	-26,666	43.4%	-2,033,288
0000.11	Envirom.	-8,306	13.5%	-655,338
	Subtotal Negative	-61,481	100.0%	-4,815,062
	TOTAL STAFF	**122,120**		**11,059,092**

Breakdown of Variance AT COMPLETION

item nr.	item descr.	HOURS		CAD
0000.06	Manag. and Staff	172,986		15,053,809
0000.12	Quality Assur.	12,126		951,829
	Subtotal positive	185,112		16,005,638
0000.06A	Design and Tech.	-97,709	56.6%	-7,837,841
0000.10	Health and Saf.	-61,866	35.8%	-4,717,294
0000.11	Envirom.	-13,106	7.6%	-1,034,035
	Subtotal Negative	-172,681	100.0%	-13,589,170
	TOTAL STAFF	**12,431**		**2,416,468**



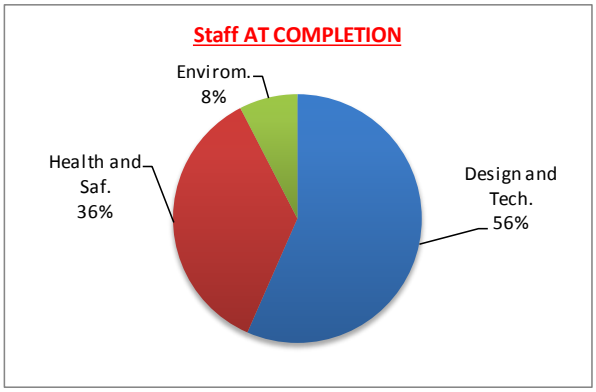


Figure 11: Staff Variance Breakdown

10.1.2. Reason for the variances

The following are the major variances that are allocated in the Health and Safety area and in the design area, as commented in the previous report:

1. Extra resources have been allocated to implement and monitor safety measures on the site.
2. Design and technical assistance have been increased. In particular:
   - Increased resources in the document control dept.
   - Electromechanical engineers were introduced.
   - Increased design of temporary work have requested additional resources.
   - Higher attention to subcontractors' drawings.

10.1.3. Opportunities for improvement

It is not possible to see in December the effect of the optimization plan mentioned in the previous report, due to the fact that it will be effective starting from January 2015.The result of the optimization plan should be visible in the next Earned Value report.

10.2. INDIRECT CRAFT

10.2.1. Variance breakdown

INDIRECT CRAFT

Breakdown of Variance TO DATE

item nr.	item descr.	HOURS	Var %	CAD
0000.03	Equipment for Indirects	9,857		788,700
	Subtotal positive	9,857		788,700
0000.02	Site Installation	-206,048	24%	-16,329,840
0000.05	Winter Protec.	-270,928	32%	-21,765,984
0000.07	Attendant lab.	-286,234	34%	-22,683,567
0000.17	Site Mainten.	-13,883	2%	-1,116,364
various	Others	-76,844	9%	-6,041,098
	Subtotal Negative	-853,937	100%	-67,936,853
	TOTAL INDIRECT CRAFT	**-844,080**		**-67,148,153**

Breakdown of Variance AT COMPLETION

item nr.	item descr.	HOURS		CAD
	Subtotal positive	0		0
0000.02	Site Installation	-212,868	23.6%	-16,870,336
0000.05	Winter Protec.	-274,296	30.4%	-22,036,517
0000.07	Attendant lab.	-303,929	33.7%	-29,085,864
0000.17	Site Mainten.	-110	0.0%	-8,858
various	Others	-111,717	12.4%	-8,831,487
	Subtotal Negative	-902,920	100.0%	-76,833,062
	TOTAL INDIRECT CRAFT	**-902,920**		**-76,833,062**

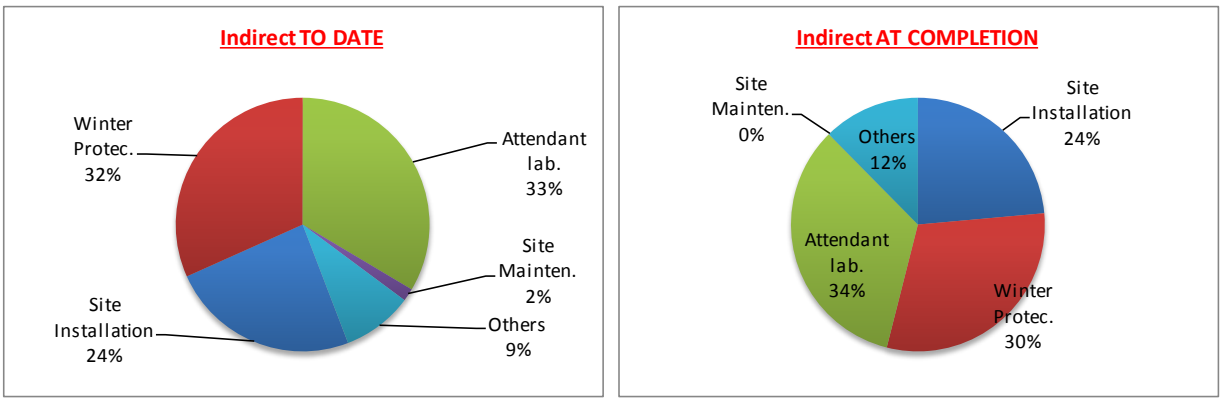


Figure 12: Indirect Craft Variance Breakdown

10.2.2. Reason for the variances

The 3 major item that generated variances are “Site Installation”, “winter protection” and “Attendant Labour”. The reasons that affected these activities have been mentioned in the previous report.

We note that for site installation the EAC is almost the same of the to-date, due to the fact that the site installation are almost completed.

For this group of items, we report an extra cost to-date of about 67M, but at completion the deviation should be about 10M CAD; this because the resource we plan to put in place will be only the budgeted resources.

For the winter protection the estimate at completion has been reduce because of the change in the strategy regarding the ICS; and also because the activity during winter will be minimized.

10.2.3. Opportunities for improvement

We repeat what has been written in the previous report that, since the end of November 2014, a strong optimization plan has been put in place. Beginning in December and especially from January, a proper allocation of resources will be done avoiding performing activities that are not strictly related with the core scope of work.

10.3. DIRECT CRAFT

10.3.1. Variance breakdown

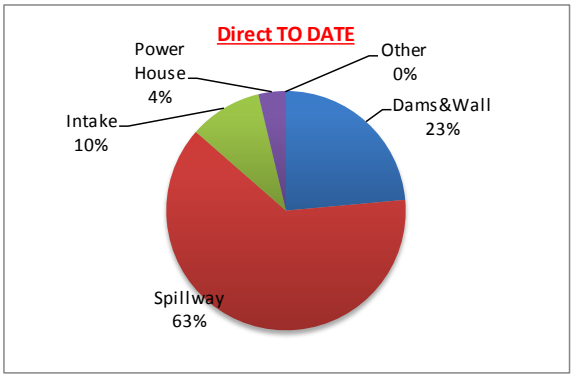
DIRECT CRAFT

Breakdown of Variance TO DATE

item nr.	*item descr.*	HOURS	Var %	CAD
various	Dams&Wall	-83,819	24%	-6,981,621
various	Spillway	-223,694	63%	-19,151,760
various	Intake	-35,061	10%	-2,921,064
various	Power House	-13,196	4%	-1,123,885
various	Other	0	0%	0
	Subtotal Negative	-355,770	100%	-30,178,330
	TOTAL DIRECT CRAFT	**-355,770**		**-30,178,330**

Breakdown of Variance AT COMPLETION

item nr.	*item descr.*	HOURS		CAD
various	Dams&Wall	-71,846	20.9%	-6,981,621
various	Spillway	-223,202	65.0%	-19,151,760
various	Intake	-35,061	10.2%	-2,921,064
various	Power House	-13,199	3.8%	-1,123,885
various	Others	0	0.0%	0
	Subtotal Negative	-343,308	100.0%	-30,178,330
	TOTAL DIRECT CRAFT	**-343,308**		**-30,178,330**



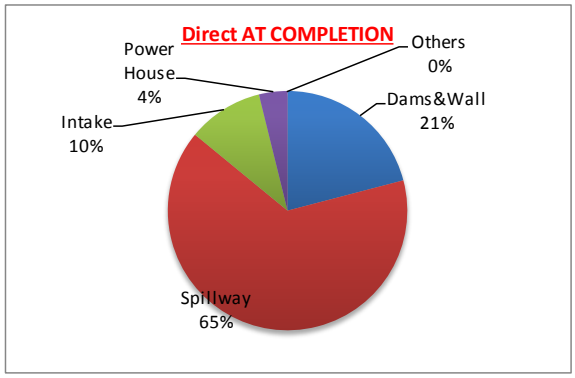


Figure 13: Direct Craft Variance Breakdown

10.3.2. Reason for the variances

For the Direct craft we have to mention again the same area of concerns as noted in the previous report, and the main reasons are listed below:

- Organizational factor
- Union factor
- Skill factor
- Climate factor
- Tender study factor

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10.3.3. Opportunities for improvement

The optimization plan that was developed at the end of November should bring us in the right direction, thanks the strong workforce planning activities carried out during the last 3 weeks. The aim is to allocate the precise resources to avoid negative variances.

nalcor energy ASTALDI CANADA

Contract nr.: CH0007-001
Construction of Powerhouse, Spillway and Transition Dams
EARN VALUE ANALYSYS up to:
27-Dec-14

- OVERALL PROJECT HOURS and Lab COST -

	CONTRACTUAL BUDGET		CUMULATIVE TO DATE				FORECAST			
	TOTAL HOURS BACh	COST OF LABOUR ($CAD) BACc	Cumulative Earn/Planned Man Hours up to: 27-Dec-14 PVh	Actual Man Hours up to: 27-Dec-14 ACh	Variance Hours up to: 27-Dec-14 Vh = PVh - ACh	Estimated Cost Variance ($CAD) up to: 27-Dec-14 CV	Estimation TO Complete ETCh	Estimation AT Completion EACh=ACh+ETCh	Variation AT Completion hours VACh=BACh-EACh	Variation AT Completion CAD VACc
INDIRECT	hours	CAD	hours	hours	hours	CAD	hours	hours	hours	CAD
INDIRECT COSTS	3,691,754.39	307,785,475	1,063,783	1,769,090	-705,308	-54,761,014	2,796,502	4,565,592	-873,838	-68,088,548
GENERAL	31,280.25	2,480,645	3,019	19,671	-16,652	-1,328,047	28,261	47,932	-16,822	-1,328,047
WORK EXECUTED FOR COMP.'S OTHER CONTRACTORS	27,140.08	2,179,112	0	0	0	0	27,140	27,140	0	0
TOTAL INDIRECT	**3,750,174.72**	**312,445,231**	**1,066,802**	**1,788,761**	**-721,960**	**-56,089,061**	**2,851,903**	**4,640,664**	**-890,660**	**-69,416,595**
	TOTAL HOURS BACh	COST OF LABOUR ($CAD) BACc	Cumulative Earn Man Hours up to: 27-Dec-14 EVh	Actual Man Hours up to: 27-Dec-14 ACh	Variance Hours up to: 27-Dec-14 Vh = PV - AC	Estimated Cost Variance ($CAD) up to: 27-Dec-14 CV	ETC HOURS	EAC HOURS	VAC HOURS	VAC CAD
DIRECT										
ACCESS ROAD ACCESS RAMPS AND PADS	4,381	348,918	0	0	0	0	4,381	4,381	0	0
DAMS AND SEPARATION WALL	281,011	21,434,981	27,393	111,212	-83,819	-6,981,621	241,645	352,857	-71,846	-6,981,621
SPILLWAY STRUCTURE	439,319	33,062,099	113,861	337,555	-223,694	-19,151,760	325,458	663,013	-223,694	-19,151,760
SPILLWAY BRIDGES & SPILLWAY DISCHARGE CHANNEL (phase 1)	41,064	3,178,345	0	0	0	0	40,572	40,572	492	0
INTAKE	983,329	74,653,744	9,005	44,066	-35,061	-2,921,064	974,324	1,018,390	-35,061	-2,921,064
POWER HOUSE	1,042,863	79,206,442	1,700	14,896	-13,196	-1,123,885	1,041,166	1,056,062	-13,199	-1,123,885
INATAKE & POWER HOUSE SUPERSTRUCTURE	171,999	13,851,099	0	0	0	0	171,999	171,999	-0	0
TURBINE GENERATOR AND ANCILLARIES	74,300	6,544,918	0	0	0	0	74,300	74,300	0	0
SPILLWAY DISCHARGE CHANNELS (phase 2 and 3)	38,077	2,874,559	0	0	0	0	38,077	38,077	0	0
TOTAL DIRECT	**3,076,344**	**235,153,105**	**151,959**	**507,729**	**-355,770**	**-30,178,330**	**2,911,922**	**3,419,651**	**-343,307**	**-30,178,330**
GRAND TOTAL INDIRECT + DIRECT	**6,826,519**	**547,598,336**	**1,218,761**	**2,296,490**	**-1,077,730**	**-86,267,391**	**5,763,825**	**8,060,315**	**-1,233,967**	**-99,594,925**

Figure 14: Summary of Earned Value Analysis, December 2014

11. HUMAN RESOURCES & LABOUR RELATIONS

The following tables display the human resources and labour relations statistics for the current reporting period.

Table 23: Open Staff Positions

	Reporting Period	> 2 Months Old	> Month	Deferred Positions
No. of Open Staff Positions	0	0	0	0

Table 24: Staff Human Resources Statistics

	Reporting Period	YTD	Project
New Hires	0	0	260
Terminations/Resignations	0	88	88
Avg. Astaldi Project Staff Employees	222	143	
Employee Turnover (Employees who left / avg. no. of employees of time period)	0%	45.6%	

Table 25: Employee Diversity & Gender Distribution

	STAFF		UNION	
	Total (Incl Women)	Women	Total (Incl Women)	Women
Innu	1	1	92	33
Labrador	27	17	350	66
Newfoundland	91	24	515	13
Outside Newfoundland	52	8	31	0
Foreign	27	0	0	0
Total	198	50	988	112

Table 26: Subcontractor Diversity & Gender Distribution *

	Innu	Labrador	Newfoundland	Other	Women
Labrador Ready Mix	1	22	55	7	0
AGF	5	17	108	5	2
Iskueteu	1	23	55	5	0
Total	7	67	274	124	3

*These numbers should be indicative of the end-of-reporting-period totals.

Table 27: Subcontractor Diversity & Gender Distribution

Week Ending	Number of Camp Residents
December 13	400
December 20	40
December 27	40

Highlights for the reporting period:

- Submitted sponsor remittance contributions for the period of January 1, 2014 – December 31, 2014 for staff employees into the Astaldi Manulife Pension Plan
- Conducting daily attendance through newly implemented process and monitoring to ensure efficiency.
- Planned and managed the schedule and flow of travel during the Christmas Shutdown.
- Continued work on the daily swipe process in conjunction with IT, adding new swipe machines, meetings about possible issues and solutions encountered.
- Process improvements on current standard operating procedures and processes.
- Manpower count and forecasting.
- Development of organization charts using Visio.
- Particular focus on payroll issues, improving payroll and working with the Client.
- Downsizing the workforce for the winter period.
- 1 Respectful Workplace Complaint.
- De-Mobilization for Christmas break/layoffs and planning re-mobilization in New Year.

Three Month Look Ahead:

- Engage and motivate employees through outside work activities.
- Development of organization charts using Visio.
- Having a representative from Manulife complete training sessions with staff employees regarding Astaldi's new pension plan.
- Maintain daily attendance tracking system and monitor ongoing issues to ensure accuracy and efficiency.

12. RISK MANAGEMENT

See *Appendix I – Risk Register* for detailed comments on each risk item.

The update covers the following risks:

- R-001 relates to the procurement activities. The risk level for this item has been increased and the mitigation actions are 50% complete.
- R-008 relates to the Trade skills improvement. The risk level for this item was reduced and the mitigation actions are 50% complete.
- R-020 & R-028 relates to the reliability of suppliers and subcontractors. The risk level for this item was increased. Mitigation actions for this item are 40% complete.
- R-023 relates to the communication between the construction and engineering departments. Mitigation actions for this item are 80% complete.

- R-024 relates to the turnover of personnel on site. The risk level for this item has been increased and the mitigation actions are 50% complete.
- R-025 related to climatic factors in delays. The risk level for this item has been increased and the mitigation actions are 50% complete.

A new risk has also been identified. R-029, which relates to the dismantling of the ICS and the superstructure erection.

Regarding the remaining risks:

- 11 risks have had their corrective actions completed.
- 4 risks have been closed.
- 3 risks are under Nalcor's site manager's responsibility.

Appendix A: Updated Organization Chart

PROJECT CONSTRUCTION : FUNCTIONAL - ORGANIZATIONAL CHART - REV 8 - 10/02/2014

ASTALDI CANADA Inc.

Canada: **Muskrat Falls** Generation Station, Contract CH 0007 - Intake, Power House, Spillway and Transition Dam. **02/10/2014**

Legend: To be Hire | Present at site Staff | Present at site Unionized

Astaldi s.p.a. HO - ROME — Amerosa Gen Director; Mario Lanciani

Astaldi Canada Inc. — Emmanuel Tricas, CEO

Technical advisory board

COMPANY — NALCOR

Project Director — Project Director 1

External relation — Paul Shelly, Ext. Relations Advisor

PROJECT MANAGEMENT — Jose Arias, Project Manager 1

Project Q. A. — QA/QC Supervisor 1; QA/QC Inspectors 3

Corporate Tech. Assistance — Salvatore Cardit, Concrete; Alessandro Ferelli, E&M; Sorte Bonanni, Eng.; Francesco Benedetti, PMO; Massimiliano Arcea, HQSE; Ivan Passaro

Deputy P. Management — Erik Leschied, AST Cons.(**) 1 — (**) Temporary consultancy mission

Contract Administr. — Roger Hopkins, Contr. Admin. Mngr. 1; Contr. Adm. Assistant 1

Project Control — Enrico Vivolo, PC Responsible 1; Ali Mordaser, Cost Engineering 1; Steven Kent, Cost Engineering 1; Michael St. George, Reporting Eng. 1; Valerio Murino, PC Assistant 1

Secretariat — Executive Assistant 1; Lisa O'Brien, EA 1

QHSAE Manager — Enio Raho, HSE&Q Mgr. 1; Ruby Tshakapesh, Clerk 1; Julio Manak, Clerk 1

Environment — Roger Bliss, Env. Responsible 1; Shem Evans, Env. Advisr. 1; Gayle Quirke, Env. Mntr. 1; Crystle Michelin, Env. Mntr. 1; Grace DeBaer, Env. Advisr. 1

Health & Safety — Allen Layte, Safety Mngr. 1; Quentin Cox, Deputy Sfty. Mngr. 1; Carol Ann Griffen, Dpty. Mngr. 1; Susan Coady, Safety Admin 1; Dave Maher, Safety Admin. 1; Sherry Jacque, Sfty. Admin. 1; Shelagh Robinson, Sfty. Advis. 1; Carl Saunders, Sfty. Advisr. 1; Nicole Cabot, Sfty Admin. 1; Jason Bungay, Sfty Advisr. 1

Quality A. Q.C. — Essam Michael, Qlty. Resp. 1; Nathaniel Loveren, QC Mngr. 1; Cheryl Elson, QC Admin. 1; Jessica Cole, QC Admin. 1; Shane Clark, Qlty. Control 1; Louis Goulunk, QC Conc. Spec. 1; Peter Vallee, Qlty. Cont. 1

Laboratory — External services

Goose Bay Office — Office Resp. 1; Buyer; Martine Lesaliee

Comm. Relat., IPs, Bonefits — Matthew Pike, Manager External Rela. 1; Alphajo Andrew, Coneity. Rel. Cord. 1; Provincial Benefit Assistant 1

Site Mobilization Coord. — Rick Lewis, Mobil. Mngr. 1

Production Dpt. — Erasmo Brassetto, Prod. Mngr. 1; Vittorio Robba, Prod. Mngr. 1

Production Senior Assistants — Luigi Cragnolini, AST Cons.(**) 1; Franco Gallicchio, AST Cons.(**) 1 — (**) Temporary consultancy mission

Secretariat — Maria Lopez, Prod. Mngr. Assist. 1

Technical Dpt. — Goose Park, Technical Manager 1; Jacopo Lucchetti, E.&Mech. Mngr. 1; Antonio Quadrigio, Senior Tech. Eng. 1; Romolo Di Marcho, Senior Tech. Eng. 1; Michele Coviello, Senior Tech. Eng. 1

Plant Dpt. — Stefano Scarsella, Plant & Equip. 1; Alberto Nicosia, Prit & Equip Mngr 1

Plant Dept. Assistant — Cesare Zampini, AST Cons. (**) 1 — (**) Temporary consultancy mission

PROCUREMENT — Jose Arias, Procurement Mngr. (a.i.) 1; Alberto Audisio, AST Cons.(**) 1 — (**) Temporary consultancy mission

ADMIN. & FINANCE — Adm. & Financial Manager 1; Renato DiMonaldi, AST Cons. 1 — (**) Temporary consultancy mission

HUMAN RESOURCES — Larry Pittman, HR Manager 1

LABOUR RELATIONS — George Keen, LR Manager 1

Secretariat — Admin. Assistant 1

Management Total Staff 64 16%

LOGISTICS

Site Services/Earthworks — Roy Mannell, Lead Superintendent 1; Maxwell Buffett, Superintendent 1; Jerry Rogers, Superintendent 1; Jerome Ryan, Superintendent 1; Delbert Pike, Superintendent 1; Damien Collier, Superintendent 1; Corez John, General Foreman 1; Jerry Gaulton, General Foreman 1; Edward Marshall, General Foreman (Th 1; Wade Earle, General Foreman (Tearm 1; Bart Penashue, General Foreman (Tear 1; Dorothy Allen, General Foreman 1; Bruce Green, General Foreman 1; Alastair Roberts, General Foreman 1; Michael Brake, General Foreman 1; Michael Manning, General Foreman 1; Carl Burden, General Foreman 1; Tina Cornblain, Clerk 1

Technical Support — Thomas J. Gear,Junior Engineer 1; Mark LaDine, Field Engineer 1; Tyler Knox, Field Engineer 1

Hoarding-Frost, Sy. — Section Superintendent 1; Hoard.Gen. Foreman 2

Subcontractor — Procis — See Tab for Procis Org Chart

Concrete Prod., Distr. and pouring — Richard Strang, Lead. Sf 1; Jose Kanou, Superintendent 1; Daniel Chiasson, Sf 1; Rendall Johnson, Sf 1; Alexandre Hamel, Field Eng. 1; Youself Jaijour, Field Eng. 1; Maxime Charpentier, Field Eng. 1; Shane Snow, General Foreman 1; Robert Mills, General Foreman 1; Dave Pretty, General Foreman 1; Herris Moores, General Foreman 1; Gerald Porker, General Foreman 1; Luc O'Brien, Clerk 1; Debbie Hawes, Clerk 1

Conc. Standards control — Concrete Engineer 1

Subcontractor — Labrador Ready Mix — See Tab for LRM Org Chart

Rs. Steel — Section Superintendent 1; General Foreman 1

Joinery — Bruce Fudge, Superintendent 1; General Foreman 1

EMAM Works — Section Superintendent 1

Dr.Bridg&Levelling — Valerie Neuil, Grouting Sf. 1; Section Superint. Assist. 1

Subcontractor — AGF — See Tab for AGF Org Chart

Engineering Dept. — Chief Engineer 1; Peranidesa Melis, Chief Eng. (ICS) 1; Christine Baird, Safety Strod. Advisor 1; James Hayward,Senior Tech. Eng. 1; Ian Passau, Senior Engineer 1; Peter Liu, Assistant Project Eng. 1; Andrew Organ, Drafting Engineer 1; Jamod Sharwa, Tech. Office Engineer 1; Stephen Hicker, Eng. Coordinator 1; Joe MacDonald, Drafting Engineer 1; James Roberts, Drafting Engineer 1; Joanne Drake, Drafting Engineer 1; Kayla Nolan, Clerk 1

Drafter CAD 1; Drafter CAD 1

Laboratory — Nicole Hamelaridis, Lab Manager 1

Planning — Rana Tahir, Planner 1; Fabio Costa, Planner 1; George Barter, Lead Planner 1; Planner 1

Subcontractor — CEI; Golder; DOKA; SWS — See Tabs for Org Charts

Delivery Coordinator — Gianfranco Macilocchi, Delivery Coord. 1

Surveyors — Ryan Myers, Survey Manager 1; Andrew Foss, Survey St (SW) 1; Charles McBlemie, Survey St (PH) 1; Bonnie Taylor, Drafting Engineer (PH) 1; Jiexin Mann, CAD Technician (SW) 1; Alexander Sheppard, Cad Technician 1; Kayla Nolan, Clerk 1

Perm. Materials Dept — Perm. Material Manager 1; P. Mat. Assistant 1

Construction Methods — Grenvel Perk, Con. Methods e.i. 1; Amanda Dore, Con. Methods Eng. 1; Edar Hernandez, Con. Methods Eng. 1; Brad Reinhard, Field Engineer 1; Drafter CAD 1

Document Control — Doc. Ctrl. Mngr. 1; Rosene Mitouk, Info. Mngr. 1; Carolyn Strugnell, Doc. Ctrl. 1; Jay Andrew, Clerk 1; Sheila McLean, Clerk 1; Emma Mitchelmore, Clerk 1; Melissa Baird, Clerk 1

Contracts ADMINISTRATION — Giuseppe Di Maita, Ghtz. Survey Resp. 1

Contract & Subcontract costs — Mattia Crocchia, Estmt Specialist 1; Faye Goudie, Tech. Assist. 1; Loretta Nash, Tech. Assist 1; Florence Milley, Tech. Assist 1

QS and Change Orders — Michael Scriber, QS Responsible 1; Nesame Hoshmand, Estimat. Eng. 1; Jamie Bird, Estimating Engineer 1; Ali Saed, Quantity Surveyor 1; Chantal Nicolls, QS Eng. 1; Sherry Goodwin, Tech. Assist 1

Mechan., W/Shops — G.F. Hydr./Cranes 1; Walter Corvine, Cnst/Drilling Mng 1; James Bonia, Prit & Equip. Mng 1; William Mclaghlan, Crusher Sr 1; James Bonia Sr., General Foreman 1; Dwayne Fry, General Foreman 1; Ruth Follett, Clerk 1; Alena Clark, Clerk 1

Plants — Eric Adams, Conditioning Mng 1; Walter Corvine, Cnst/Drilling Mng 1; James Bonia, Prit & Equip. Mng 1; William Mclaghlan, Crusher Sr 1; James Bonia Sr., General Foreman 1; Dwayne Fry, General Foreman 1; Ruth Follett, Clerk 1; Alena Clark, Clerk 1

Steel Carpentry WS — Section Chief 1

Electric. W/Shops — Section Chief 1

Purchasing — Alberto Cristofe, Purch. Resp. 1; Derrick Legrow, Purch. Manager 1; Tim Brace, Senior Buyer 1; Pramod Joshi, Senior Buyer 1; Barbara Bird, Buyer 1; Vicki Hillier, Buyer 1; Sean Lennon, Technical Buyer 1; Joanne Stirling, Buyer 1; Antonino Policarodi,Tech. Buyer 1; Barbara Stickley , Clerk 1; Audrey Bragg, Clerk 1; Karla Poole, Clerk 1

Perm. Material Proc. — Tech. Buyer 1; Proc Quality insp. 1

Subcontracts, Market/Contract — Subcontract. Resp. 1; Subcon. Assistant 1

Warehouse — Arae Ardile, Assistant Mngr 1; Simone Colella, Assistant Mngr 1; John Parsons, Assistant Mngr. 1; Patricia Connors, Clerk 1; Mary Tucker, Clerk 1; David Joseph, Storekeeper 1; Russ Hart, Storekeeper 1; Bradley Oakley, Storekeeper 1; Chris Evans, Storekeeper 1; Gayle Moss, Storekeeper 1; Colin Loder, Storekeeper 1

Accountancy — Rosario Martino, Financial Manager 1

Accountancy — Francisco Barreto, Accountancy Resp. 1; Bijoy Maley, Accounting 1; Andrew Hocock, Accountant 1; Doreina De Angelis, Accountant 1; Sheila Pye, Accounting Clerk 1; Cassandra Broomfield, Clerk 1; Martina Lesalle, Clerk 1

Information Technologies — Kevin Strydom, IT Coordinator 1; Jermey Perdy, IT Specialist 1; Natasha Andrews, IT Senior Sup. Tech. 1; Daniel Hill, IT Specialist 1; Sean Noseworthy, IT Specialist 1

General Services — Richie Shea, Gen. Service Mngr 1

Camp & Offices Maintenance — Jacob Bersey, Maintain. Supervisor 1; Clerks 2

Pers./Transportation — Darlene Bruce, Transport Assistant 1; Clerks 2

Human Resources — Gayle Foley, HR Assist. Mngr. 1; Amy Fitzpatrick, HR Coord. 1; Janice Webb, HR Coordinator 1

Non-Union Personnel — Jennifer Saunders, Payroll Assist M 1; Sherry Bennett, Payroll Clerk 1; Alicia Carroll, Payroll Clerk 1; Corrine Coles, Payroll Clerk 1; Loretta Snook, Payroll Clerk 1; Robin O'Dell, Payroll Clerk 1; Brenda Noka, Payroll Clerk 1; Scott McFarlane, Recruiter 1; Michael Doty, Recruiter 1

Employee Training — Richard Gray, Training Manager 1; Helaine Webb, Training Admin. 1; Training Assistant 1

Orientation — Sonia O'Brien, Orntnl. Coord. 1; Kayla Dawe, Orntnl. Coord. 1

Labor Relations — Marcus Lihanton, Ass. Mngr HR-LR 1; Krista Smith, Ass. Mngr LR 1; Kenneth Chisholm, LR Advisor 1; Julie Carew, LR Coordinator 1; LR Coordinator 1; Rhonda Anderson, Assistant 1; Angela Hiller, Assistant 1; Mary-Ann Penashue, Assistant 1

Union Personnel — Wayne Bursey, Travel coord. 1; Sherri Hiller, Travel Coord. 1; Lorne Marshall, Travel Coord. 1

Logistics Total Staff 183 48%

OPERATIONAL

EW, Spillway and Trans.Dams — Chris Parsons, Lead Superintendent 1

Spillway/Transition Dams — Terry Dyke, Superintendent 1; Michael Fudge, Superintendent 1; Alex Perlos, Superintendent 1; Terry Johnson, General Foreman 1; Mike O'Keefe, General Foreman 1; Wayne Mercer, General Foreman 1; Randall O'Brien, General Foreman 1; Caitlin Lyall, Clerk 1; Eliza Savage, Clerk 1

Technical Office Support — Nezir Akcesand, Sr. Field Engineer 1; Jason Picco, Field Engineer 1; Matthew Bowers, Field Engineer 1; Construction Coordinator 1

Centre Tr. Dam/S. Walls — Section Superintendent (concrete) 1; General Foreman (Concrete) 1

Power House-Intake Draft T. — Mulvin Bennett, Superintendent 1; Paul Blackmore, Superintendent 1; Rasiu Oyenarijan, Superintendent 1; Joseph Hemelyn, Superintendent 1; Patrick Brown, Superintendent 1; Carson Harris, General Foreman (Conc 1; Ken Lavdon, General Foreman (Concrete 1; John Wilhers, General Foreman (Conc 1; Douglas Sharpe, General Foreman 1; General Foreman (Concrete) 1; Shane Edmunds, Clerk 1; Janice O'Neill, Clerk 1

Field Engineer — Steve Kruse, Site Senior Engineer 1; Alexandre Gagnon, Field Engineer 1; Pier-Luc Girard, Field Engineer 1

Power House Superstr. — Section Superintendent A.I.; General Foreman A.I.

E.M.& M.Works — Section Superintendent A.I.; General Foreman A.I.

General Services — Plant Section Superintendent A.I.; Plant Section Assist. A.I.

Subcontractor — Big Land — See Tab for Big Land Org Chart

Hoarding-Frost, Sy. — Hoarding Specialist A.I.; Heat. El/Mech Foram. A.I.

Concrete — General Foreman A.I.

Steel/Formw./Dr&fl — Re-Steel Gen.For. A.I.; Formw.Gen. Foram. A.I.; Drill Gen.Foreman A.I.

Technical Off.Support — Tech. Assistant A.I.; Tech. Assistant A.I.

Hoarding-Frost, Sy. — Hoarding Specialist 1; Hoarding Specialist 1; Hoarding Specialist 1; Heat. El/Mech Foram. 1; Heat. El/Mech Foram. 1; Heat. El/Mech Foram. 1

Concrete — Dave Pretty, General Foreman 1; Herris Moores, General Foreman 1; Gerald Porker, General Foreman 1

Steel/Formw./Dr&fl — Brent Layden, General Foreman (I 1; Robert Gushue, General Foreman 1; Richard Lewis, General Foreman 1; Formw. Gen. Foram. 3; Drill Gen. Foreman 1

Technical Off.Support — Tech. Office Assistant 1; Tech. Office Assistant 1

EMAM Works — EMAM Gen. Foram. 1

EMAM Works — EMAM Gen. Foram. 1

Surveyors — Surveyor A.I.

Surveyors — Graham Jackman, CAD Tech (SW) 1; Clarence Scott Hansen, Survey Frmn. 1; Cordell Barney, Surveyor 1; Norm Brinson, Surveyor 1; Clyde Morris, Surveyor Assistant 1

Surveyors — Brent MacDonald, Surveyor 1; Ian Martin, Survey Assistant 1

Surveyors — Domingo Dichonson, CAD Tech. (PH) 1; Alex Shepherd, CAD Tech (PH) 1; Paul Kennedy, Survey Foreman 1; Stephen Reid, Survey Foreman 1; Shawn Marshall, Surveyor 1; Clifton Normore, Surveyor 1; Bruce Dunker, Surveyor 1; Dave Smith, Surveyor 1; Daniel MacEachern, Surveyor 1; Tony Smith, Surveyor 1; Tim Goodie, Surveyor 1; Jordan Mitiuk, Surveyor Assistant 1; Alan Simms, Surveyor Assistant 1; Derek O'Brien, Surveyor Assistant 1; Dave Saunders, Surveyor Assistant 1; Troy Normore, Surveyor Assistant 1; Troy Normore, Surveyor Assistant 1; Wendell Hamel, Surveyor Assistant 1

Surveyors — Surveyor A.I.

Surveyors — Surveyor A.I.

Electr. w/shop — El. W.Foreman A.I.

Electr. w/shop — El. W.Foreman A.I.

Electr. w/shop — El. W.Foreman 1; Steel Carpentry; M.F.-St. Carpentry 1

Steel Carpentry — M.F.-St. Carpentry A.I.

Electr. w/shop — El. W.Foreman A.I.; Steel Carpentry; M.F.-St. Carpentry A.I.

Q.A./Q.C. — QA/QC Assistant A.I.; Health & S. Assist A.I.

Q.A/Q.C./HS — Dann Pitman, Qlty. Cnt. Inspector 1; Danny Coombs, Qlty. Cnt. Inspector 1; Janine Paul, Qlty. Cnt. Inspector 1; Mark Biggin, Qlty. Cnt. Inspector 1; Michael Herritt, Qlty. Cnt. Inspector 1; Artem Mcintsev, Qlty. Cnt. Inspector 1; Frederick Bradbury, Electro/Mech Inspe 1; Cherie Treen, Sfty. Coordinator 1; Dewayne Sweetland, Sfty. Coord. (Night 1; David Power, Sfty. Advisor (Day) 1; Jeanette Pomroy, Sfty. Advisor (Day) 1; Ian Brennan, Sfty. Coordinator 1; Nicole Hyde, Sfty Advisor 1; Amanda Murphy, Sfty. Advisr. 1

Q.A/Q.C./HS — QA/QC Assistant 1; Health & S. Assist 1

Q.A/Q.C./HS — Shawn Murphy, Qlty. Cnt. Inspector 1; Stephen Tilley, Qlty. Cnt. Inspector 1; Joy Marrie, Qlty. Cnt. Inspector 1; Wylie Winsor, Qlty. Cnt. Inspector 1; Jeremy George, Qlty. Cnt. Inspector 1; James Budgell, Qlty. Cnt. Inspector 1; Jaime Barrett, Sfty. Advisor 1; Joni Penney, Sfty. Advisor 1; Sherry Snow, Sfty. Advisor 1; Shannon Smith, Sfty. Coordinator 1; Chris Murphy, Sfty. Advisor (Day) 1; Boyd Penney, Sfty. St.&S Coord. (Day 1; William Janes, Sfty. Advisor 1; Paul Thorne, Safety Advisor 1

Q.A/Q.C./HS — QA/QC Assistant 3; Health & S. Assist 2

E/M. Warehouse — Storekeeper 1

Payroll Support — April Rumbolt, Payroll Clerk 1

Payroll Support — Timekeepers A.I.

Payroll Support — Timekeepers A.I.

Payroll Support — Wendy Spurrell, Payroll Clerk 1

Earthworks & Road Maintenance — mh. 58,000 — 21

Spillway & North Transition Dam — mh. 700,000 — 105

Centre Trans. Dam & Separation Walls — mh. 335,000 — 24

Power house & Intake — mh. 2,700,000 — 191

Power house Superstructure — mh. 150,000 — 23

E.M. & M.Works — mh. 82,000 — 24

Pit Abs.

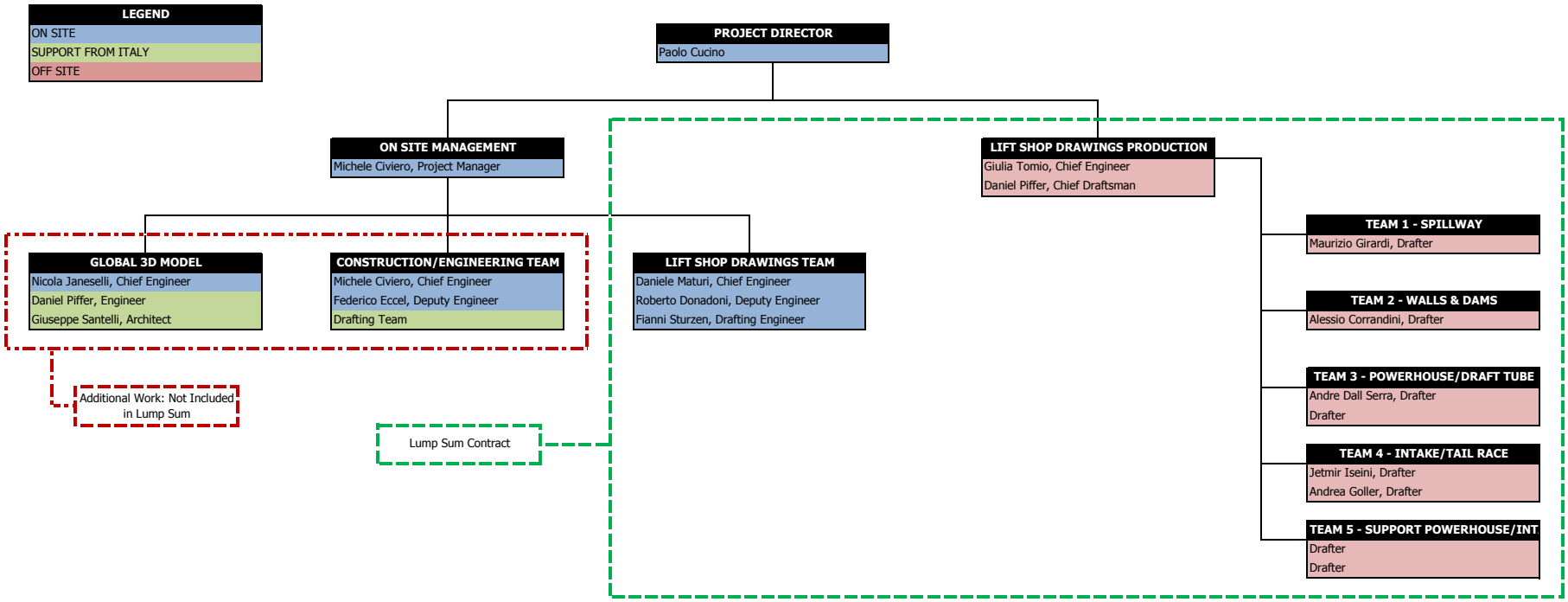
4,030,000 388

Operational Total Staff 149 38%

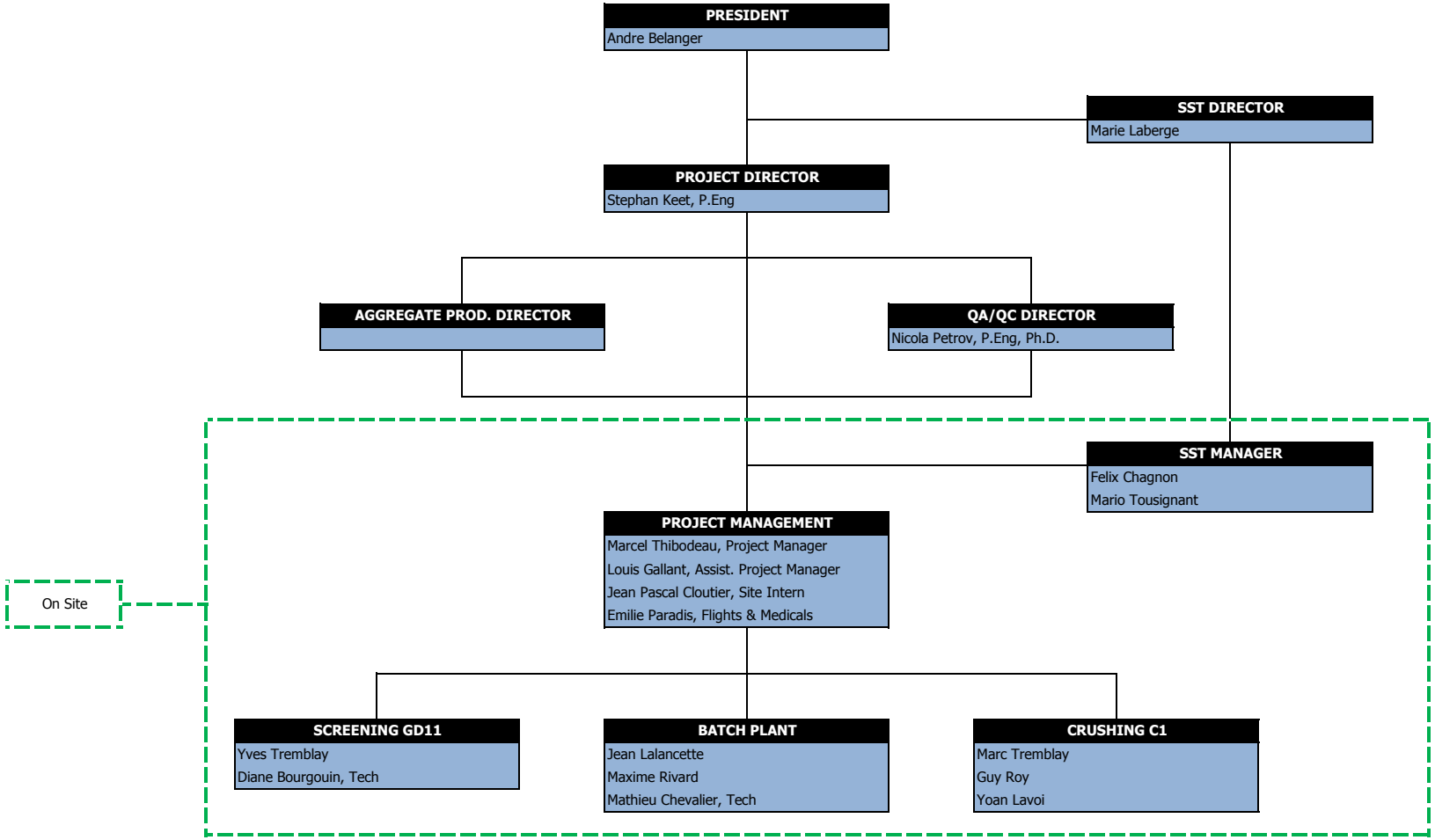
Total Indirect Staff 396 100%

Procedures(as per M.R.A) | Product | P | Autodeliant | Project Delivery

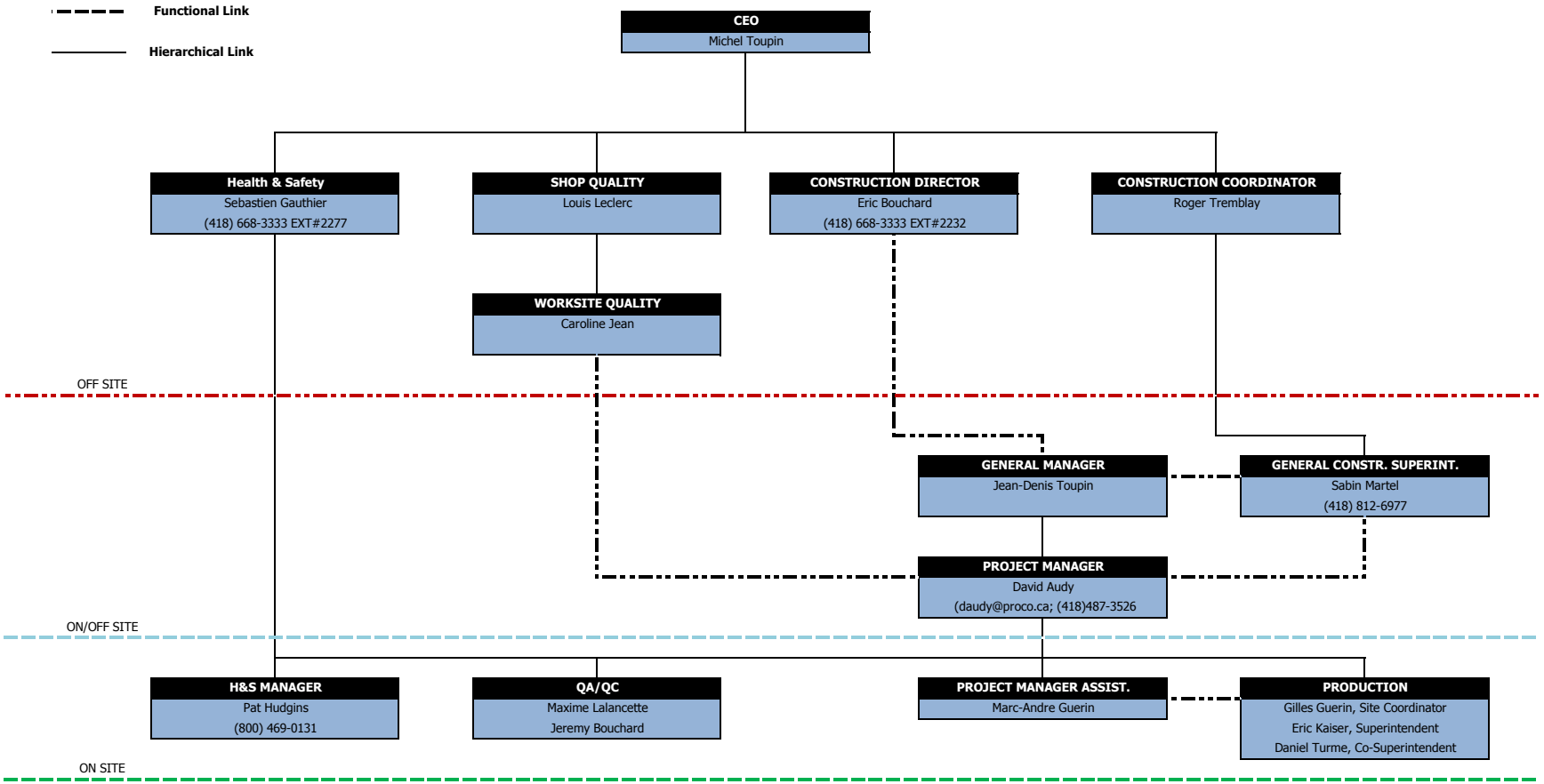
SWS Engineering - Consulting Team



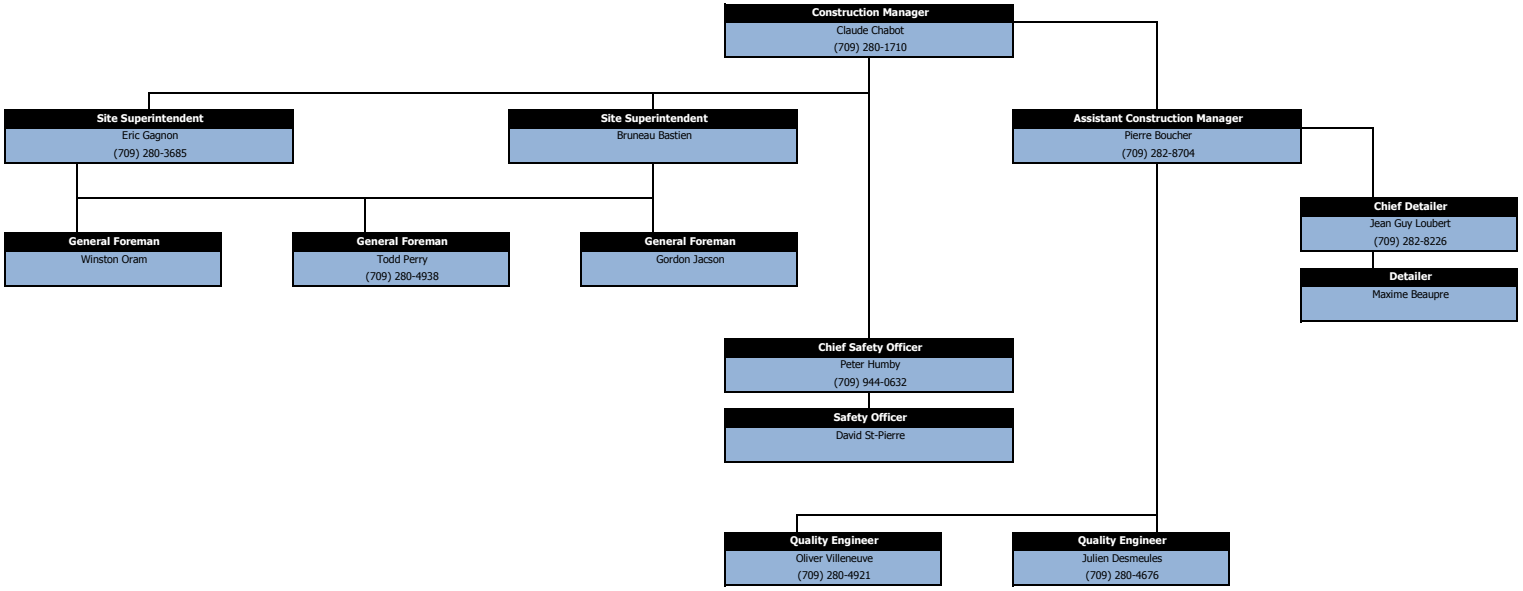
Labrador Ready Mix



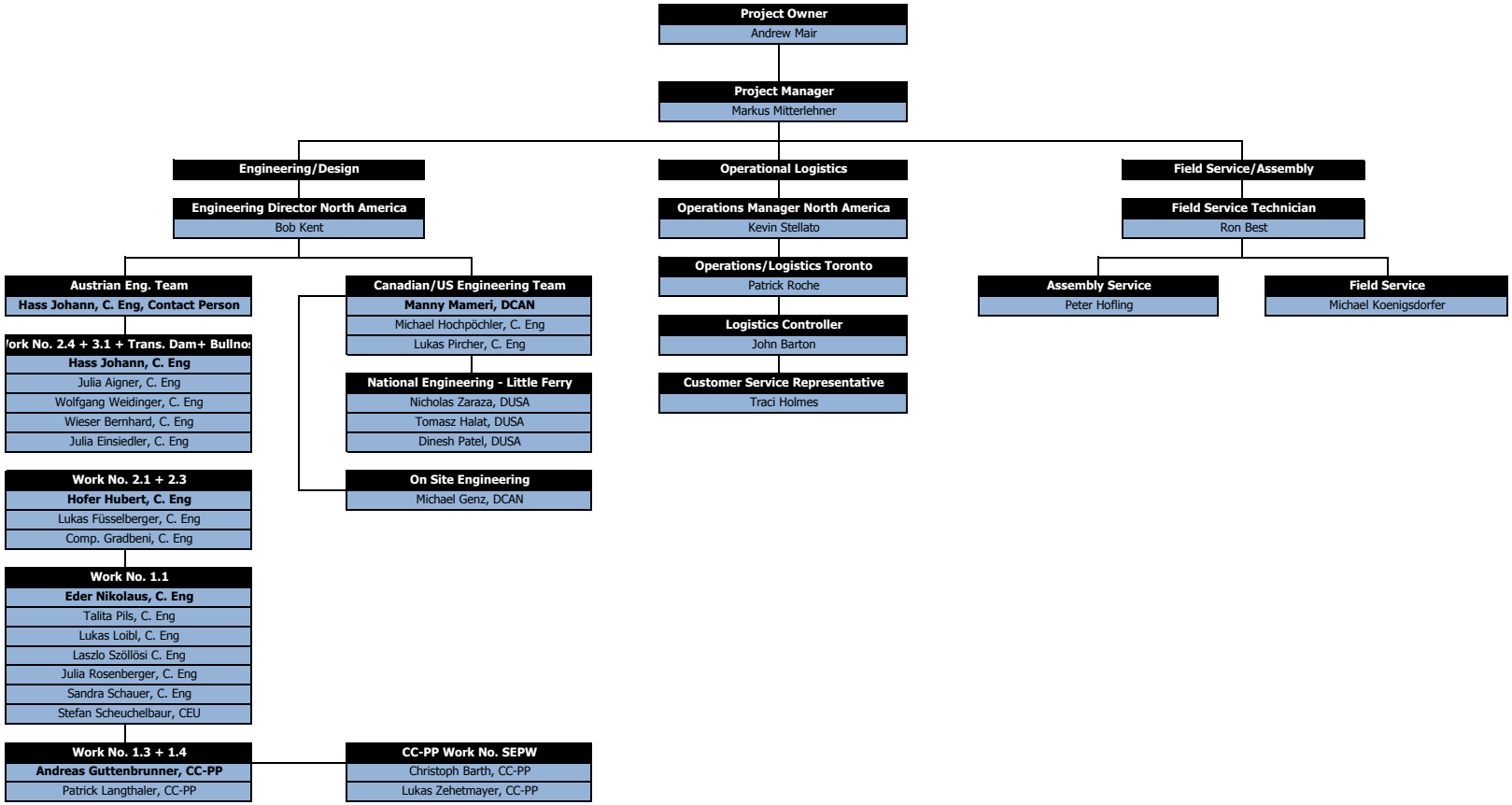
Proco


Functional Link
Hierarchical Link
CEO
Michel Toupin
Health & Safety
Sebastien Gauthier
(418) 668-3333 EXT#2277
SHOP QUALITY
Louis Leclerc
CONSTRUCTION DIRECTOR
Eric Bouchard
(418) 668-3333 EXT#2232
CONSTRUCTION COORDINATOR
Roger Tremblay
WORKSITE QUALITY
Caroline Jean
OFF SITE
GENERAL MANAGER
Jean-Denis Toupin
GENERAL CONSTR. SUPERINT.
Sabin Martel
(418) 812-6977
PROJECT MANAGER
David Audy
(daudy@proco.ca; (418)487-3526
ON/OFF SITE
H&S MANAGER
Pat Hudgins
(800) 469-0131
QA/QC
Maxime Lalancette
Jeremy Bouchard
PROJECT MANAGER ASSIST.
Marc-Andre Guerin
PRODUCTION
Gilles Guerin, Site Coordinator
Eric Kaiser, Superintendent
Daniel Turme, Co-Superintendent
ON SITE

AGF STEEL Muskrat Falls Management Team



DOKA Muskrat Falls Project Management Team



Appendix B: Environmental Monthly Report

MONTHLY FUEL CONSUMPTION REPORT[1]

Contractor's Name: Astaldi Canada Inc

Report completed by (please print): Grace de Beer

Signature:

Reporting month/year (mm/yyyy): Dec-14

Report date (dd/mm/yyyy): 13/01/2015

Contract Number: CH 0007-001

Contract Name: Spillway and Power House

Consumed Fuel

Fuel Type		unit	quantity
Diesel		litres	1,082,000.60
Gasoline		litres	64,922.83
Heating oil		litres	
Propane		litres	724
aviation turbo fuel		litres	
kerosene		litres	
Other (specify type)			
1		litres	
2		litres	
3		litres	
4		litres	
5		litres	
6		litres	
Total			**1147647.43**

Notes:

1 To be completed by Contractor and submitted to the Engineer for each calendar month, no later than 7 days after end of each month.

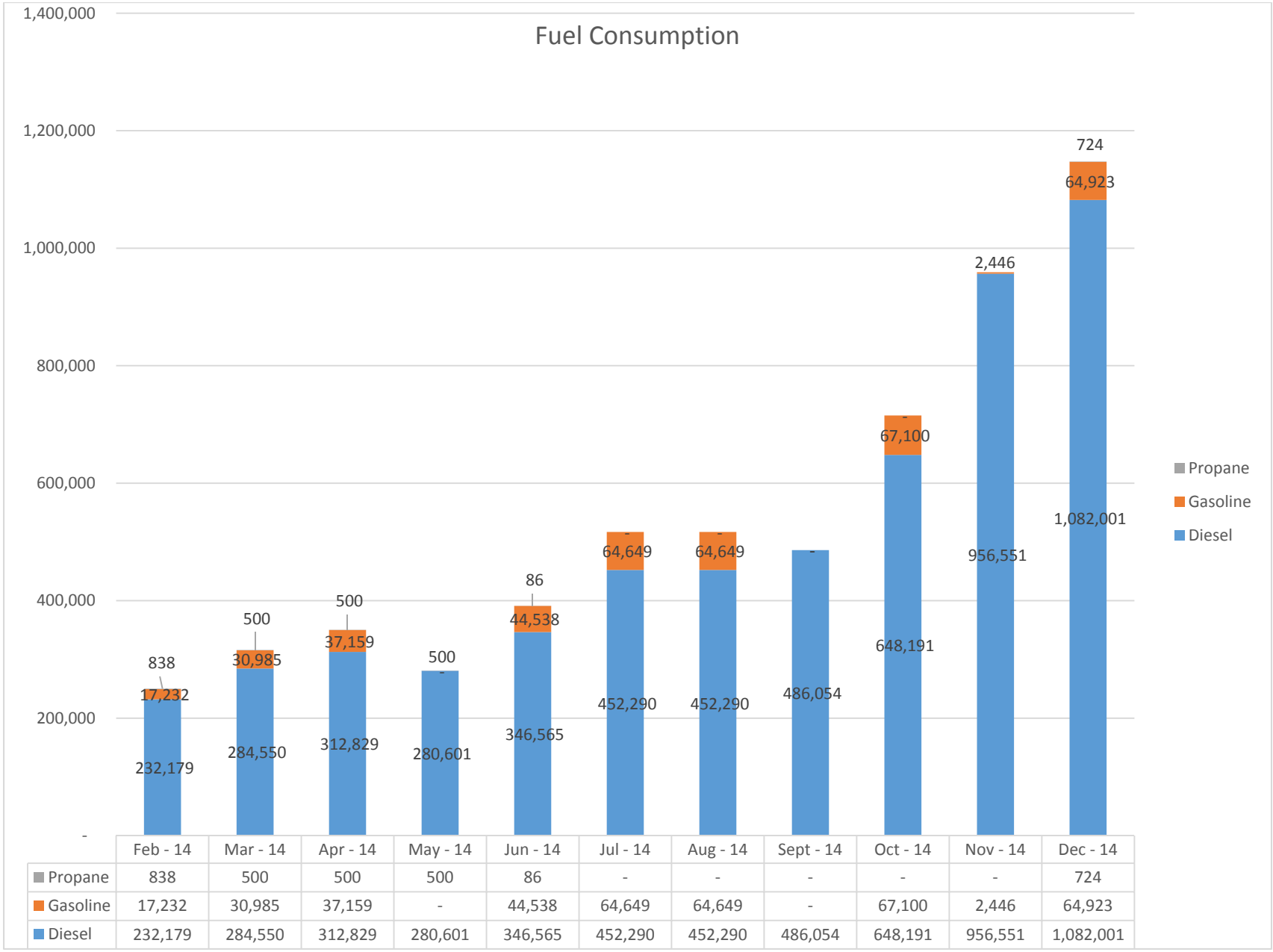
2 Consumed fuel to be reported is defined as:

a) quantity of fuel transferred during the reporting month to tanks of all Project-dedicated vehicles, equipment, and facilities, or

b) quantity of fuel used in the reporting month as part of a process (such as ANFO used for explosives); or

c) quantity of fuel delivered to bulk storage tanks at Owner's Laydown Area within the reporting month by the Fuel Delivery Services Contractor.

3 Contractor shall provide as part of the Monthly Fuel Consumption Report a general listing of all types of equipment, facilities, and processes that have burned fuel during the reporting month. The types of equipment, facilities, and processes include, but are not limited to, the following: heavy equipment (e.g. excavators, bull dozers, concrete trucks, etc); light equipment and vehicles (e.g. pick-up trucks, chain saws, pumps); faciliites (e.g. diesel generators, concrete production, etc); processes (e.g. explosives in ANFO, etc); etc.



	Feb - 14	Mar - 14	Apr - 14	May - 14	Jun - 14	Jul - 14	Aug - 14	Sept - 14	Oct - 14	Nov - 14	Dec - 14
Propane	838	500	500	500	86	-	-	-	-	-	724
Gasoline	17,232	30,985	37,159	-	44,538	64,649	64,649	-	67,100	2,446	64,923
Diesel	232,179	284,550	312,829	280,601	346,565	452,290	452,290	486,054	648,191	956,551	1,082,001

Appendix C: Quality Department Register

Astaldi Canada
MUSKRAT FALLS HYDROELECTRIC DEVELOPMENT
Astaldi Canada External NCR Log

NCR No.	Rev No.	Area	Date Raised	Initiated by	Description	Type/Subject Matter	Dispostion Date	Issued to	Disposition By	Disposition Approved by LCP	Disposition Verified and Signed off by LCP	Status	Date Closed	Comment on Closure Status	Pour Affected	Aconex Reference
CH0007-AST-CAN-NCR-001	00	Batch Plant (Concrete Aggregate)	24-May-2014	Essam Michael	Coarse aggregate production has been producing non-conforming aggregate since February 2014	Concrete Aggregate		Labrador Ready Mix	Quality			Open		To be discussed with LCP	-	MFA-AT-SD-0000-QA-Q10-0004-01
CH0007-AST-CAN-NCR-004	01	Spillway	17-Jun-2014	S. Clarke/W. Windsor	Waterstop installation process/methods	Materials Installation	24-Aug-2014	Astaldi Canada	Quality	Approved	Complete	Closed	27-Aug-2014	Closed	-	ASTALDI-TRANSMIT-000953
CH0007-AST-CAN-NCR-007	00	Spillway	15-Jul-2014	N.Loewen	Improper installation of Rock Dowel at SWB1A-00	Material Installation	15-Jul-2014	Astaldi Canada	Quality/Structures	Approved	Complete	Closed	20-Aug-2014	Closed	SWB1A-00	ASTALDI-TRANSMIT-000845
CH0007-AST-CAN-NCR-008	00	Spillway	15-Jul-2014	N.Loewen	Rejected overbreak concrete placed in Spillway	Astaldi Quality - Concrete	15-Jul-2014	Astaldi Canada	Quality	Approved	Complete	Closed	21-Aug-2014	Closed	SWB1A-Overbreak	NE-LCP-TRANSMIT-023173
CH0007-AST-CAN-NCR-009	00	Powerhouse	15-Jul-2014	N.Loewen	Poor quality of columns on Line C 6,7,12, 13, 18 & 19 (removal of formwork before specified time)	Concrete Placement	15-Jul-2014	Astaldi Canada	Quality/Concrete	Approved	Waiting for Sign-off	Open	29-Nov-2014	Closed	Line C 6,7,12, 13, 18 and 19	ASTALDI-TRANSMIT-000845
CH0007-AST-CAN-NCR-011	00	Spillway	25-Jul-2014	E. Michael	Top Of Steel (re-Bar) In the Base Slab SWB3C-00 not In accordance with the design elevation	Rebar Placement/Embedment Installation	26-Jul-2014	Astaldi Canada	Survey	Approved	Complete	Closed	1-Aug-2014	Closed	SWB3C-00	ASTALDI-TRANSMIT-000724
CH0007-AST-CAN-NCR-012	01	Spillway	23-Aug-2014	N.Loewen	SWB3A-00 and SWB3C-00 Andritz Embedments out of alignment	Rebar Placement/Embedment Installation	24-Aug-2014	Astaldi Canada	Structures/Concrete/ AGF	Approved		Open		Second Stage Embedments to be discussed at meeting	SWPNA-01, SWPNC-001, SWP4A-01 and SWP4C-01	MFA-AT-SD-0000-QA-Q10-0010-01
~~CH0007-AST-CAN-NCR-013~~	~~01~~	~~Spillway~~	~~23-Aug-2014~~	~~S. Clarke~~	~~Incorrect alignment of embedment on SWS drawing~~		~~24-Aug-2014~~	~~Astaldi Canada~~	~~Survey~~			VOID		~~PCAR~~	-	~~MFA-AT-SD-0000-QA-Q10-0011-01~~
~~CH0007-AST-CAN-NCR-014~~	~~00~~	~~Spillway~~	~~24-Aug-2014~~	~~S. Clarke~~	~~SWB3A-00 Select Embedments out of alignment~~		~~25-Aug-2014~~	~~Astaldi Canada~~	~~Survey, Construction, Quality~~	~~Approved~~		VOID	-	~~Incorporated into NCR12~~	-	~~MFA-AT-SD-0000-QA-Q10-0012-01~~
CH0007-AST-CAN-NCR-015	00	Spillway	27-Aug-2014	N.Loewen	Out of Spec Concrete Placed in SWB3A-00	Astaldi Quality - Concrete	27-Aug-2014	Astaldi Canada	Quality/Concrete	Approved	Complete	Closed	7-Sep-2014	Closed	SWB3A-00	ASTALDI-TRANSMIT-001026
CH0007-AST-CAN-NCR-016	00	Spillway	27-Aug-2014	N.Loewen	Concrete not tested prior to and after addition of water in SWB3A-00	Astaldi Quality - Concrete	27-Aug-2014	Astaldi Canada	Concrete	Approved	Complete	Closed	2-Sep-2014	Closed	SWB3A-00	ASTALDI-TRANSMIT-000995
CH0007-AST-CAN-NCR-017	00	Spillway	27-Aug-2014	P. Vallee	Insufficient cover of reinforcement in Pier 4 North Wall, SWB3C-00	Rebar Placement/Embedment Installation	28-Aug-2014	Astaldi Canada	AGF	Approved	Complete	Closed	10-Sep-2014	Closed	SWP4C-01	ASTALDI-TRANSMIT-001076
CH0007-AST-CAN-NCR-018	00	Spillway	1-Sep-2014	P. Vallee	Insufficient cover of reinforcement in Pier 4 South Wall, SWB3A-00	Rebar Placement/Embedment Installation	1-Sep-2014	Astaldi Canada	AGF	Approved		Open	1-Dec-2014	Closed	SWP4A-01	ASTALDI-TRANSMIT-001075
CH0007-AST-CAN-NCR-020	00	Spillway	30-Sep-2014	P. Vallee	Insufficient cover between reinforcement and waterstop in SWPNA-01	Rebar Placement/Embedment Installation	30-Sep-2014	Astaldi Canada	Structures	Approved	Complete	Closed	16-Nov-2014	Closed	SWPNA-01	MFA-AT-SD-0000-QA-Q10-0023-01
CH0007-AST-CAN-NCR-021	00	Spillway and Transition Dam	14-Sep-2014	N.Loewen	No heating in LCP testing shelters provided by Astaldi		14-Sep-2014	Astaldi Canada	Strucutres	Waitiong for Approval		Open		Returned from LCP as status 03 - Reviewed Not Accepted. To be discussed with LCP. Reviewed by Mike Colins	N/A	MFA-AT-SD-0000-QA-Q10-0017-01
CH0007-AST-CAN-NCR-022	00	Centre Transition Dam	14-Sep-2014	N.Loewen	Concrete with slump of 45 mm placed in CTU04-2A	Astaldi Quality - Concrete	14-Sep-2014	Astaldi Canada	Quality	Approved	Complete	Closed	30-Sep-2014	Closed	CTU04-2A	ASTALDI-TRANSMIT-001275
CH0007-AST-CAN-NCR-023	00	Other	14-Sep-2014	N.Loewen	Damaged Andritz Template Type G2 2/2	Material Management	14-Sep-2014	Astaldi Canada	Structures/ Warehousing	Approved		Open		Damaged Embedment to be Repaired during Installation. Materials Management Plan to be Generated	N/A	MFA-AT-SD-0000-QA-Q10-0020-01
CH0007-AST-CAN-NCR-024	01	Spillway	14-Sep-2014	N.Loewen	Movement of Vertical Reinforcement SWP1A-01 in SWB1A	Rebar Placement/Embedment Installation	14-Sep-2014	Astaldi Canada	Structures/Concrete/ AGF	Approved	Complete	Open	26-Nov-2014	Closed	SWP1A-01	MFA-AT-SD-0000-QA-Q10-0019-01
CH0007-AST-CAN-NCR-025	01	Centre Transition Dam	18-Sep-2014	P. Vallee	Missing Reinforcement in CTU4A-02	Rebar Placement/Embedment Installation	18-Sep-2014	Astaldi Canada	AGF	Approved		Open		Work has not been completed yet. Asked construction for update of when the work will be done to get photos for verification and close out	CTU4A-03	MFA-AT-SD-0000-QA-Q10-0021-01
CH0007-AST-CAN-NCR-026	01	Spillway	20-Sep-2014	P. Vallee	Location of Reinforcement Outside Specified Tolerance in SWPNA-01 rebar embeded in SWB1A	Rebar Placement/Embedment Installation	20-Sep-2014	Astaldi Canada	Structures/Concrete/ AGF	Approved	Complete	Open	26-Nov-2014	Closed	SWPNA-01	MFA-AT-SD-0000-QA-Q10-0022-01
CH0007-AST-CAN-NCR-027	00	Spillway	18-Oct-2014	N.Loewen/J.Picco	Andritz embedments from SWB1A-00 and SWB1C-00 out of alignment	Rebar Placement/Embedment Installation	18-Oct-2014	Astaldi Canada	Structures/Concrete/ AGF	Approved		Open		Second Stage Embedments to be discussed at meeting	SWPSA-01, SWP1A-01, SWPSC-01, SWP1C-01	MFA-AT-SD-0000-QA-Q10-0026-01
CH0007-AST-CAN-NCR-028	00	Spillway	18-Oct-2014	N.Loewen/N.Abodduod	Movement of vertical rebar in SWP2A-01 and SWP3A-01 from pour SWB2A	Rebar Placement/Embedment Installation	18-Oct-2014	Astaldi Canada	Structures/Concrete/ AGF		Complete	Open	27-Nov-2014	Closed	SWP2A-01 and SWP3A-01	MFA-AT-SD-0000-QA-Q10-0024-01
CH0007-AST-CAN-NCR-029	00	Centre Transition Dam	20-Oct-2014	N. Loewen/G. Pittman	Damaged grounding cable at base of cable near top of concrete at CTU2A-02	Electrical	20-Oct-2014	Astaldi Canada	Isketeu/Concrete	Approved	Complete	Open	26-Nov-2014	Closed	CTU2A-03	MFA-AT-SD-0000-QA-Q10-0025-01
CH0007-AST-CAN-NCR-030	00	Spillway	21-Oct-2014	N.Loewen/J.Picco	Andritz embedments from SWB2A-00 and SWB 2C-00 out of alignment	Rebar Placement/Embedment Installation	18-Oct-2014	Astaldi Canada	Structures/Concrete/ AGF	Approved		Open		Second Stage Embedments to be discussed at meeting	SWP2A-01, SWP3A-01, SWP2C-01 and SWP3C-01	MFA-AT-SD-0000-QA-Q10-0027-01

NCR No.	Rev No.	Area	Date Raised	Initiated by	Description	Type/Subject Matter	Dispostion Date	Issued to	Disposition By	Disposition Approved by LCP	Disposition Verified and Signed off by LCP	Status	Date Closed	Comment on Closure Status	Pour Affected	Aconex Reference
CH0007-AST-CAN-NCR-031	00	Spillway	23-Oct-2014	F.Bradbury	Detail 11 electrical drawing at contraction joints SWB2A	Electrical	-	Astaldi Canada	-					Submitted to LCP for Approval of Disposition	SWP1A-04, SWP2A-04, SWP3A-04, SWP4A-04	-
CH0007-AST-CAN-NCR-032	00	Spillway	10-Nov-2014	N.Loewen	Unapproved curing compound used	Material Management	10-Nov-2014	Astaldi Canada	Concrete	Waitiong for Approval		Open	28-Nov-2014	Closed	SWP Pours	MFA-AT-SD-0000-QA-Q10-0029-01
CH0007-AST-CAN-NCR-033	00	Powerhouse	10-Nov-2014	N.Loewen	Excess rebar installed in I4BSA-00	Rebar Placement/Embedment Installation	10-Nov-2014	Astaldi Canada	Structures	-		Open		Submitted to LCP for Approval of Disposition	I4BSA-00	
CH0007-AST-CAN-NCR-034	00	Spillway	10-Nov-2014	N.Loewen	Pier concrete with inproperly installed Drainaform in SWPNC-01, SWP4C-01, SWP2C-01, SWP1C-01, SWPSC-01.	Materials Installation	10-Nov-2013	Astaldi Canada	Structures	Waitiong for Approval		Open		Submitted to LCP for Approval of Disposition	SWPNC-01, SWP1C-01, SWP2C-01, SWP4C-01, SWPSC-01	MFA-AT-SD-0000-QA-Q10-0030-01
CH0007-AST-CAN-NCR-035	00	Spillway	30-Oct-2014	L. Couture	Curing Delta T out of specification - Spillway pours up to October 17, 2014	Curing	10-Nov-2014	Astaldi Canada	Quality	Waitiong for Approval		Open		Rejected by LCP - Astaldi and LCP to determine temperature criteria and revisit temperature/curing NCR's	SWB and SWP Pours	MFA-AT-SD-0000-QA-Q10-0031-01
CH0007-AST-CAN-NCR-037	00	Spillway	1-Nov-2014	P. Vallee	Missing PVC Pipe in SWB2C-00	Material Installation	1-Nov-2014	Astaldi Canada	Quality	Approved		Open		Rejected by LCP - Submitted to LCP for verification and close out. LCP rejects as claim work not done.	SWB2C-00 / SWP3C	MFA-AT-SD-0000-QA-Q10-0028-01
CH0007-AST-CAN-NCR-038	00	South Transition Dam	1-Nov-2014	M. Piette	Temperature of concrete below specifications (3 degrees)	Curing	7-Nov-2014	Astaldi Canada	Quality	Waitiong for Approval		Open		Rejected by LCP- Root cause and Disposition is unacceptable. Please review with site QA and engineering prior to resubmission.	STU1B-01	MFA-AT-SD-0000-QA-Q10-0032-01
CH0007-AST-CAN-NCR-039	00	Spillway	10-Nov-2014	N.Loewen	Out of spec concrete placed in I1BNA Overbreak	Astaldi Quality - Concrete	10-Nov-2014	Astaldi Canada	Quality	Waitiong for Approval		Open	6-Jan-2014	Closed	I1BNA	MFA-AT-SD-0000-QA-Q10-0033-01
CH0007-AST-CAN-NCR-041	00	Spillway	10-Nov-2014	N.Loewen	SWB3C-00 Spalling of Concrete	Concrete Placement		Astaldi Canada	Quality			Open		Not Submitted to LCP yet		
CH0007-AST-CAN-NCR-042	00	Powerhouse	16-Nov-2-14	N.Loewen	Improperly cured concrete Line 24 column B and B1; I1BNA Overbreak	Curing	16-Nov-2014	Astaldi Canada	Concrete	Waitiong for Approval		Open		Submitted to LCP for Approval of Disposition	Line 24 Columns B & B1, I1BNA overbreak	MFA-AT-SD-0000-QA-Q10-0034-01
CH0007-AST-CAN-NCR-043	00	Spillway	18-Nov-2014	N.Loewen	Waterstop in SWPNA-03 does not have adequate cover between waterstop and rebar	Engineering - Conflict between WS and Rebar	18-Nov-2014	Astaldi Canada	Engineering	Waitiong for Approval		Open		Submitted to LCP for Approval of Disposition	SWPNA-03	
CH0007-AST-CAN-NCR-044	00	Spillway, Transition Dams & Separation Wall	19-Nov-2014	N.Loewen	Out of spec temperature differentials in concrete at spillway, separation walls and transition dams; Oct 18 to Nov 8	Curing		Astaldi Canada	Quality	Waitiong for Approval		Open		To be submitted to LCP	SWP, STU, CTU, and WLW Pours	
CH0007-AST-CAN-NCR-045	00	Spillway, Transition Dams & Separation Wall	19-Nov-2014	N.Loewen	Out of spec temperature differentials in concrete at spillway, separation walls and transition dams; Nov 9 to Nov 15	Curing		Astaldi Canada	Quality	Waitiong for Approval		Open		To be submitted to LCP	SWP, STU, CTU, and WLW Pours	
CH0007-AST-CAN-NCR-046	00	Spillway	20-Nov-2014	N.Loewen	Spalling of concrete surface on spillway piers SWPNC-03 and SWP1C-02 from lack of form oil on forms	Material Installation	20-Nov-2014	Astaldi Canada	Quality	Waitiong for Approval		Open		Work has not been completed yet. Once completed submit with confirmation of disposition.	SWPNC-03, SWP1C-02	
CH0007-AST-CAN-NCR-049	00	Spillway	25-Nov-2014	M. Piette	Improper grout placement in rock dowel for SWPSA-02	Concrete Placement	25-Nov-2014	Astaldi Canada	Quality/Concrete	Waitiong for Approval		Open	2-Dec-2014	Closed	SWPSA-02	
CH0007-AST-CAN-NCR-050	00	Spillway	29-Nov-2014	N.Loewen	Improperly stored waterstop	Materials Management		Astaldi Canada	Quality/Structures			Open			-	
CH0007-AST-CAN-NCR-051	00	Spillway	20-Nov-2014	N.Loewen	Poor quality of concrete surface finish resulting from improper drainaform installation at pier SWP3C-01	Material Installation	4-Dec-2014	Astaldi Canada	Structures			Open		Submitted to LCP for Approval of Disposition	SWP3C-01	
CH0007-AST-CAN-NCR-052	00	Spillway	29-Nov-2014	N.Loewen	Poor concrete consolidation adjacent to embedded template type J4 at pier SWP3C-01	Concrete Placement	4-Dec-2014	Astaldi Canada	Concrete			Open		Submitted to LCP for Approval of Disposition	SWP3C-01	
CH0007-AST-CAN-NCR-053	00	Spillway	29-Nov-2014	N.Loewen	Formwork movement occurred during pour of SWP3A-02	Material Installation		Astaldi Canada	Structures			Open			SWP3A-02	
~~CH0007-AST-CAN-NCR-054~~	~~00~~	~~Spillway~~	~~29-Nov-2014~~	~~N.Loewen~~	~~Inadequate temperature during first 48 hours following pour of SWPSA-02~~	~~Curing~~	~~29-Nov-2014~~	~~Astaldi Canada~~	~~Concrete~~			~~Open~~			-	
CH0007-AST-CAN-NCR-055	00	Spillway	29-Nov-2014	N.Loewen	Embeded template type L4 out of alignment in pour SWPSC-02	Rebar Placement/Embedment Installation	4-Dec-2014	Astaldi Canada	Structures			Open		Second Stage Embedments to be discussed at meeting	SWPSC-02	
CH0007-AST-CAN-NCR-056	00	Spillway	27-Nov-2014	N.Loewen	Available lap length on SWP1A-03, SWP2A-02, SWP3A-02 and SWP4A-03	Rebar Placement/Embedment Installation	4-Dec-2014	AGF	AGF			Open		Submit proof of disposition	SWP1A-03, SWP2A-02, SWP3A-02, SWP4A-03	
CH0007-AST-CAN-NCR-057	00	Environment	28-Nov-2014	G. De-Beer	Failure to report fuel spills	Environment	28-Nov-2014	Astaldi Canada	Environment			Open		Submitted to LCP for Approval of Disposition	-	

NCR No.	Rev No.	Area	Date Raised	Initiated by	Description	Type/Subject Matter	Dispostion Date	Issued to	Disposition By	Disposition Approved by LCP	Disposition Verified and Signed off by LCP	Status	Date Closed	Comment on Closure Status	Pour Affected	Aconex Reference
CH0007-AST-CAN-NCR-058	00	Spillway	1-Dec-2014	R. Thomsom	Vertical "L" bars in SWPNC-04 at wrong elevation	Rebar Placement	4-Dec-2014	AGF	AGF			Open		Submitted to LCP for Approval of Disposition	SWPNC-04	
CH0007-AST-CAN-NCR-059	00	Spillway	1-Dec-2014	N.Loewen	Small tear in waterstop at SWPNA-03	Rebar	4-Dec-2014	Astaldi Canada	Structures					Submit proof of disposition	SWPNA-03	
CH0007-AST-CAN-NCR-060	00	Spillway	5-Dec-2014	N.Loewen	Concrete coarse aggregate out of specification	Concrete Aggregate		LRM	Astaldi - Lab/Materials			Open				
CH0007-AST-CAN-NCR-061	00	Spillway	5-Dec-2014	N.Loewen	Mixing of frozen and unfrozen concrete fine aggregate	Concrete Aggregate		LRM	Astaldi - Lab/Materials			Open				
CH0007-AST-CAN-NCR-063	00	Centre Transition Dam	17-Dec-2014	M. Piette	Unauthorized Use of Mix Designs at CTU4A-04	Concrete Mix Design	17-Dec-2014	Astaldi Canada	Astald-Construction/Quality			Open				MFA-AT-SD-0000-QA-Q10-0047-01
CH0007-AST-CAN-NCR-064	00	Spillway	18-Jan-2015	S. Clarke	Frozen lumps in concrete / concrete aggregate stockpiles containing frozen aggregate clumps	Concrete Aggregate		LRM				Open				
CH0007-AST-CAN-NCR-065		Spillway	20-Jan-2015	R. Thomsom	To much cover on East wall on SWP3c-02	Rebar	20-Jan-2015									

		Closed
		Submitted for Verification and Close out
		Waiting forWork to be Completed / Documentation
		No NCR submitted on Aconex
		Action to LCP
		Void / Cancelled

Astaldi Canada
MUSKRAT FALLS HYDROELECTRIC DEVELOPMENT
Astaldi Canada Internal NCR Log

NCR No.	Rev No.	Area	Department	Date Raised	Initiated by	Description	Type	Dispostion Date	Issued to	Status	Pour Affected	Date Closed	Transmittal Reference	Comments
CH0007-AST-CAN-NCR-002	00	Contractors Laydown	Quality	11-Jun-2014	J. Cole/J. Marrie	Cracks in heated warehouse foundation	Internal	13-Jun-2014	Astaldi Canada	Open			N/A	21/08/14 - In PM's office awaiting final approval
CH0007-AST-CAN-NCR-003	00	Spillway	Quality	14-Jun-2014	J.Cole/W. Windsor	Ungrouted holes	Internal		Astaldi Canada	Open			N/A	Disposition and Close Out Required
CH0007-AST-CAN-NCR-005	00	Crusher Pad	Environment	28-Jun-2014	G. DeBeer	No Buffer Zone on stream near crusher	Internal		Astaldi Canada	Closed		21-Jul-2014	N/A	
CH0007-AST-CAN-NCR-006	00	Powerhouse	Quality	15-Jul-2014	N.Loewen	Line-D Retaining Wall Keyway installed in incorrect location/incorrect width	Internal	15-Jul-2014	Astaldi Canada	Open			N/A	21/08/14 - In PM's office awaiting final approval
CH0007-AST-CAN-NCR-010	00	C2 New Crusher Area	Environment	24-Jul-2014	R. Biles	Fuel Storage Not Compliant (sc NL)	Internal	31-Jul-2014	Astaldi Canada	Closed		20-Aug-2014	N/A	
CH0007-AST-CAN-NCR-019	00	Powerhouse	Construction	2-Sep-2014	E. Michael	Lack of Pull Testing Prior to Concrete Placement, Line B Column 6 & 7	Internal	2-Sep-2014	Astaldi Canada	Open			N/A	
CH0007-AST-CAN-NCR-036	00	Concrete in bolt holes of Andritz Embeds											N/A	
CH0007-AST-CAN-NCR-040	00	Drainaform - Installed backwards and repaired											N/A	
CH0007-AST-CAN-NCR-047	00	Rocks larger than 40 mm found in concrete				Rocks larger than 40 mm found in CTU 2a/2B-03 and SWP2A-02	Internal						N/A	
CH0007-AST-CAN-NCR-048	00	South Tranistion Dam	Quality	11-Nov-2014	R.Thomson	Vertical L-bars installed had improper top lap length for next pour	Internal	22-Nov-2014	Astaldi Canada	Open	STU1A-01		INT522	Internal Transmittal sent through email

ASTALDI CANADA Inc.

MUSKRAT FALLS HYDROELECTRIC DEVELOPMENT
CH0007 - CONSTRUCTION OF INTAKE AND POWERHOUSE, SPILLWAYS AND TRANSITION DAMS

ITPs LOG

ITP NUMBER	REVISION	EFFECTIVE DATE	TITLE	ACONEX STATUS	COMMENTS
CH0007-AST-CAN-ITP-001	00	August 27, 2014	Powerhouse - Intake (Bottom)	01 - Reviewed and Accepted	Submitted for Review by Owner
CH0007-AST-CAN-ITP-002	04	July 7, 2014	Spillway Construction (Early Works)	01 - Reviewed and Accepted	Addition of primary grounding and pvc sleeve embedments
CH0007-AST-CAN-ITP-003	00	August 20, 2014	Transition Dam Construction	02 - Inc. Comments R & R	
CH0007-AST-CAN-ITP-004	01	August 4, 2014	Powerhouse - ICS Structure	01 - Reviewed and Accepted	Revised and Resubmitted to Include Owner Comments
CH0007-AST-CAN-ITP-005			Reserved		
CH0007-AST-CAN-ITP-006	00	July 30, 2014	Spillway - Primary Anchors	01- Reviewed and Accepted	
CH0007-AST-CAN-ITP-007	00	August 27, 2014	Tailrace and Draft Tube Elbow	01 - Reviewed and Accepted	
CH0007-AST-CAN-ITP-008	00	August 20, 2014	South Service Bay	01 - Reviewed and Accepted	
CH0007-AST-CAN-ITP-009	00	September 27, 2014	North Service Bay	Issued for Review	
CH0007-AST-CAN-ITP-010	00				

Astaldi Canada
MUSKRAT FALLS HYDROELECTRIC DEVELOPMENT
NCR Log - Incoming from Nalcor

NCR No.	Rev No.	Audit No.	Department	Internal/ External	Date Raised	Initiated By	Approved By	Description	Issued to	Disposition Date	Disposition By	Status	Date Closed	Aconex Reference (closed)	Notes
CH0007001-0001	00	N/A	Quality	External	8-Feb-2014	Tayseer Hassanein	Bill Knox	Fine Aggregate Gradation Outside of Specification	Astaldi Canada	21-Feb-2014	Wayne Ball	Closed	19-Apr-2014	NCR-CH0007001-0001	
CH0007001-0002	00	N/A	Quality	External	16-Feb-2014	Tayseer Hassanein	Paul Oblander	Lack of Aggregate Sampling due to Lack of Communication	Astaldi Canada	21-Feb-2014	Wayne Ball	Closed	24-May-2014	ASTALDI-TRANSMIT-000081	
CH0007001-0023	00	N/A	Quality	External	04-Ap-2014	Terry Woodland	David Pelley	Construction of "Norseman" temporary enclosure at the Spillway without Engineered stamped drawings and owner approval	Astaldi Canada	6-Apr-2014	Wayne Ball	Closed	7-May-2014	LCP-CM-TRANSMIT-004232	
CH0007001-0014	00	N/A	Environment	External	18-Mar-2014	Clyde McLean	Marion Organ	Spillway pH levels above ECWSR Criteria	Astaldi Canada			Closed	7-Aug-2014	LCP-CM-TRANSMIT-006136	
CH0007001-0024	00	N/A	Construction	External	25-Apr-2014	Terry Woodland	Gil Gfeller	Construction Power Supply	Astaldi Canada	2-May-2014	Essam Michael	Closed	24-May-2014	ASTALDI-TRANSMIT-000082	
CH0007001-0025	00	N/A	Environment	External	15-May-2014	Jason Barnes	Clyde McLean	Water Quality Discharge Exceedance	Astaldi Canada	26-May-2014	Roger Biles	Closed	26-May-2014	ASTALDI-TRANSMIT-000086	
CH00007001-0027	00	N/A	Document Control	External	10-May-2014	Terry Woodland	Gil Gfeller	Response to Non-Conformance Report - Resubmission of Supplier/Subcontractor Documents	Astaldi Canada	27-May-2014	Pam Green	Closed	4-Jun-2013	ASTALDI-TRANSMIT-000103	
CH0007001-0026	00	N/A	Construction	External	10-May-2014	Terry Woodland	Gil Gfeller	Supplier Document Register (SDR) not approved for use	Astaldi Canada			Closed			SDR is in B7. Should be able to be closed out.
CH0007001-0042	00	N/A	Environment	External	10-Jun-2014	Jason Barnes	Clyde McLean	TSS Loading to Churchill River	Astaldi Canada			Open			Follow up/close out to be completed by LCP
CH0007001-0043	00	N/A	Warehouse	External	30-Jun-2014	Terry Woodland	Neil Ferguson	Improper Storage of Company Supplied Items	Astaldi Canada			Open			Requires storage of Andritz embedments and Material receiving and handling plan
CH0007001-0044	00	N/A	Construction	External	14-Jul-2014	Terry Woodland	Gil Gfeller	Use of Non-Conforming Concrete	Astaldi Canada	11-Aug-2014	Nathaniel Loewen	Closed	26-Aug-2014	LCP-CM-TRANSMIT-006676	
CH0007001-0045	00	N/A	Construction	External	13-Aug-2014	Terry Woodland	Frank Allaire	Waterstop not as per specification	Astaldi Canada	20-Aug-2014	Shane Clarke	Closed	19-Sep-2014	LCP-CM-TRANSMIT-007367	Submitted 19 Aug by AC. Requires LCP response
CH0007001-0046	00	N/A	Construction	External	26-Aug-2014	Terry Woodland	Gil Gfeller	Procedure for "Verification Prior to Concreting" not being followed	Astaldi Canada			Open			Requires 24hr notice with concrete authorization request submitted with 24 hr notice
CH0007001-0047	00	N/A	Construction	External	5-Oct-2014	Frank Allaire	John King	Improper Curing of Concrete	Astaldi Canada			Open			QC developing plan outline. Plan to be completed by Construction (Concrete)

Appendix D: Planning Report

Muskrat Falls Project

Contract: CH0007

Construction of Intake and Powerhouse, Spillway and Transition Dams

Monthly Schedule Report

Reporting Period: Nov 23, 2014 to Dec 27, 2014

1 Activities Started/Completed

Concrete Volume poured during this period: **3,726 cubic meter** (including over break of SBBNB/C-19 and South Service Bay mud slabs. The short fall from the planned volume was mainly due to resources consumed for removal of snow and ice and other cold weather related winter conditions slowed down the productivity.

Spillway

Piers:

Construction work continued on u/s & d/s lifts of Spillway Piers with 8 lifts completed before Christmas break, area breakdown as below:

PIER LINE		
A	B	C
5	2	1

The primary focus will remain on "A" lifts, whereas "B" and "C" lifts will be constructed as and when time and physical resources are available. The "B" lifts were started of Pier North and South Pier and constructed 1st lift of each pier.

- Following Piers were completed:

  Pier 1: SWP1A-03

  Pier 3: SWP3A-02

  Pier 4: SWP4A-03

  Pier South: SWPSC-03, SWPSA-02, and SWPSB-01

  Pier North: SWPNA-03, SWPNB-01

- Work on following pours is in progress or will be started:

  Pier 1: SWP1A-04

  Pier 2: SWP2A-03

  Pier 3: SWP3A-03

  Pier 4: SWP4A-04

  Pier South: SWPSA-03, SWPSB-02

  Pier North: SWPNA-04, SWPNB-02

Transition Dams

South Transition Dam:

- Following Pours were completed:

  Monolith 1: STU1A-01

- Work on following pours is in progress or will be started

  None

Centre Transition Dam:

- Following Pours were completed:

  Monolith 4: CTU4A-04 (1/2)

- Work on following pours remained in progress:

  Monolith 2: CTU2A-04

Remaining work on the Central Transition Dam and South Transition Dam will be in the spring season except the monolith 1 and 2 which will be continued as and when resources and weather conditions allow for that.

Powerhouse

- Following Pours were completed:

  No major activity was performed except on going work on the ICS.

- Work on following pours is in progress or will be started

  None

Intake

Intake 1:

- Following Pours were completed:

  None

- Work on following pours is in progress or will be started

  Bottom part: The work will be started in Intake 1 bottom part I1BNB-00 after resumption of site activities and after commissioning of overhead cranes.

Intake 3:

- Following Pours were completed:

None

- Work on following pours is in progress or will be started:

  Bottom part: I3BSA-00 will be poured after resumption of site activities.

Separation Wall

- Following Pours were completed:

  Monolith 4: WLW4A-03
  Monolith 6: WLW6A-03

- Work on following pours is in progress or will be started:

  None

Remaining work on the separation wall will be in the spring season.

Draft Tube

- Following Pours were completed:

  None

- Work on following pours is in progress or will be started:

  D1BNA-00 and D1BSB-00. The construction will be started with removal of backfill and commissioning of overhead cranes after resumption of site activities.

South Service Bay

- Following Pours were completed:

  SBBNB/C-19 (Overbreak)

  SBB2B/2C (Mudslab)

- Work on following pours is in progress or will be started:

  Crane Pads: Rock cleaning for upstream and downstream shafts is being planned and construction activities will progress with completion of two crane pads, one at Unit 1 D/S (at SE corner) and second at El. +15.20m.

  South Service Bay D/S: SBB1B-00 will be casted after cleaning of ice and snow from the area and completion of 1st crane pad. The remaining work will continue with 2nd crane pad.

  South Service Bay U/S: SBB1A-00 will be casted after cleaning of ice and snow from the area.

Integrated Cover Structure - ICS

- Progress of Phase 1 & 2 (Line 0.1 – Line 12/13)

  Total Structural Steel: 1578T (Ton)

  Structural Steel Completed: **100%**

  Cladding Completed (modified scope): **100%**

  Decking Completed: **100%**

  Overhead Cranes: All 7 Cranes are installed and will be commissioned in coming weeks.

ICS construction for Unit 1 and 2 is completed with some modifications and further heating and hording for each individual pour inside ICS will be completed to ensure temperature control.

1.1 Schedule Performance Index:

Area	Nov SPI	Dec SPI	Change	Notes
Spillway (2)	0.42	0.38	-0.04	
Dams (3)	0.32	0.29	-0.03	
Powerhouse (1)	0	0	0	
Intake	0.38	0.21	-0.17	
Project Total	**0.36**	0.29	**-0.07**	

Notes:
SPI is based on Primavera P6 schedule and is calculated from man-hours earned vs. planned.

(1) Includes Draft Tube, Tailrace, South Service Bay and North Service Bay

(2) Includes Retaining Wall and Discharge Channel

(3) Includes South Transition Dam, Centre Transition, Separation wall and North Transition Dam

SPI calculations commenced the date baseline schedule accepted by NALCOR

1.2 Spillway Skyline:

Legend	
Completed	
In Progress	

	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Lift 14																		
Lift 13																		
Lift 12																		
Lift 11																		
Lift 10																		
Lift 9																		
Lift 8																		
Lift 7																		
Lift 6																		
Lift 5																		
Lift 4																		
Lift 3			Dec-02	Dec-04									Dec-03			Dec-07		
Lift 2	Nov-27									Nov-24								
Lift 1		Dec-13															Dec-10	
	Pier South			Pier 1			Pier 2			Pier 3			Pier 4			Pier North		

1.3 Status & Mitigation/ Acceleration

1.4.1 Spillway:

- Primary focus is on the upstream piers.
- Delay in the preparation and concreting of subsequent pier lifts of South Pier “A” is being observed due to over break concrete and hence the heating and hording arrangements. This delay will eventually cause delay in completion of “B” pours of the Pier.
- Maximum available resources are being placed in Spillway “A” lifts execution to achieve milestone M4A.
- One remediation solution that will minimize the impact on the project will be to focus only on the A pours and make the B pours attached the M4B milestone instead of the M4A one. So Andritz might access when we finish the piers on the A side and the bridge.

1.4.2 Transition Dams:

- At Centre Transition Dam focus will be on Monolith 1 and 2 as and when resources become available from other areas especially after completion of spillway Piers for milestone M4A. Monolith 4 will be stopped and pushed to be performed under no winter conditions since it is not critical.

- At South Transition Dam, work will be stopped on monolith 1 and 2 since they are not critical to be performed under winter conditions.
- At North Transition Dam, rock cleaning is started and construction would not progress actively till the completion of North Pier B Pours till lift 3.

1.4.3 South Service Bay:

- Work is stopped on Slab on Rock pours and will progress intermittently.
- Crane pads construction will start after resumption of site activities and is very critical for construction of two elevator shafts.
- Primary focus will be on construction of U/S and D/S elevator shafts.
- This activity is very critical for the sequential completion of the SSB, Draft Tube and Powerhouse.

1.4.4 Intake:

- The work at Intake 3 was stopped due to cold weather conditions and its pouring will be completed after cleaning of snow. The remaining work will resume in spring.
- Intake 1 bottom part will be started once the overhead cranes are commissioned.

1.4.5 Draft Tube:

- Construction will be started in U/S and D/S portion provided removal of backfill and commissioning of overhead cranes is completed.

1.4.6 Separation Wall:

All the work on the separation wall will stop except the pours in progress, and will be performed under no winter conditions.

2 Critical and Key Activities

2.1 Spillway

2.1.1 Last Month Key Activities

✓ Completed 8 Lifts. 5 As, 2Bs and 1C

2.1.2 Next Month Key Activities

- Continue Pours of North, South and Pier 1 thru 4 with primary focus on Upstream Pours.
- Pouring of the B pours on the north and south piers to allow construction of monolith 1 of CTD and the NTD to start.

2.2 Transition Dams and North Service Bay

2.2.1 Last Month Key Activities

✓ Poured CTU4A-04 (1/2)

✓ Completed STU1A-01

2.2.2 Next Month Key Activities

 No activity as these are not critical to be completed in winter months.

2.3 Intake, Powerhouse, South Service Bay and Draft Tube

2.3.1 Last Month Key Activities

✓ Draft Tube F/Work delivery

✓ Completion of ICS Unit 1 & 2 with some modifications

2.3.2 Next Month Key Activities

 Completion of Crane Pads for mobile crane setup for SSB Shafts construction

 Start of SSB upstream and downstream Shafts

 Start and progress on Intake 1 and Draft Tube 1

 Complete construction of Intake 3 pour in progress

2.4 Separation Walls

2.4.1 Last Month Key Activities

✓ Continued progress in all Monoliths and completed 2 lifts

2.4.2 Next Month Key Activities

 No activity is planned and work will resume in spring

3 Discussions

3.1 Potential Issues

3.1.1 Human Resources

Description of difficulty	Difficulty to recruit workers (mostly carpenters and Iron Workers) qualified and experienced to perform the type of work required by the project.
Possible causes	Lack of skilled and experienced tradesmen provided by the local union. Union local doesn't have a sufficient number of qualified workers for the project.
Potential impacts	Expected productivity of tradesmen takes longer or is difficult to meet. Difficulties to recruit qualified workers outside of the local union in Newfoundland and Labrador. Difficulties with union to bring qualified workers from outside of the province. Overall cost and schedule impacts on the project. Need additional people to meet schedule and production requirements. Safety issues due to lack of workers' experience

3.1.2 Engineering

Description of difficulty	Completion and approval of Engineering specially reinforcement drawings for Intake 1, u/s & d/s elevator shafts, Draft Tube 1.
Possible causes	Engineering issues and approval of drawings needs to be expedited specially in above noted areas. Better progress and coordination are taking place now.

Potential impacts	Intake 1: Late start in Intake 1 may cause further delay in the execution and completion of Intake 1 and may push milestone M28 interfaced with Mechanical Works. South Service Bay u/s and d/s shafts: These are critical for execution of Powerhouse area Intake 1, Draft Tube 1 and Tailrace 1. All the technical issues related to these required to be resolved and outstanding drawings finalized as soon as possible.

3.1.3 Procurement

Description of difficulty	Procurement of Major and Misc. Structural Steel for powerhouse, piping packages for powerhouse and elevator shafts, steel packages for the upstream and downstream bridges for the spillway, ICS heating, services, electrical work for the crane, temporary lateral supports for the spillway, Grouting package, equipment purchasing, tests and method statements and their final approval.
Possible causes	Delay in identification of Procurement Packages, issuance of POs and initial/final deliveries.
Potential impacts	Construction delays of critical activities in all above noted critical areas. Due to extreme weather conditions, there are limited areas available for execution during to winter months. If procurement of any of above noted packages is delayed, a major time loss will occur in the powerhouse and spillway areas where most of the critical work is planned to be completed under conditions.

3.1.4 Construction

Description of difficulty	Construction of Spillway Piers and milestone M4 Start construction of Draft Tube, Intake 1 and SSB shafts
Possible causes	Extreme weather conditions, heating & hording Rock profile on Pier South U/S Late construction of crane pads Late Start of Intake 1, Draft Tube 1 and SSB shafts Low productivity on the spillway piers. Late completion of ICS Unit 1 & 2.

Potential impacts	Rock Reconstruction: Due to substantial winter rock reconstruction at South Pier on U/S side, pouring of lifts is being delayed. Integrated Cover Systems: Delays in completion of ICS I & 2 caused delays in execution start of Draft Tube, Intake.

3.1.5 Integrated Cover System

Description of difficulty	Completion of ICS till line 12/13. (Unit 1 & 2) with power distribution schemes, heating and Lighting arrangements for the structure.
Possible causes	Low Manpower profile, Installation of Overhead Cranes, Late delivery of Structural Steel Components and Erection. Winter delays
Potential impacts	The purpose of this major component was to facilitate construction of major project components during the winter period of 2014/2015. The timely completion of ICS was very critical for the construction activities to be carried out in the areas of Powerhouse, Draft Tube, Intake and South Service Bay during winter months to avoid further delays for key milestone achievements for CH0031 & CH0032 interface. In addition to that, its late completion will also result in the interference with adjacent construction activities in future.

4 Multiple Float Path Analysis

A detailed multiple float paths are run and their brief outline is presented below. More details can be found in attachment 6.7

4.1 Milestone M4A

M4A require all the A pours and all the B pours of the Spillway to be completed by 15 February 2015. Here below is the analysis of multiple Float Paths for M4A.

1. The A line pours are most critical for substantial completion of Milestone. In 3 different analysis, it passes through South Pier, Pier 1 and Pier 2 as per current schedule.

4.2 Milestone M4B

M4B requires all the C pours with the Spillway bridges and North Dam and the Monolith 1 and 2 of the Central Transition Dam to be constructed by 31 July 2015.

1. The main critical path passes by the central Dam driven by the South pier pours A and B.
2. The second critical path is through the North transition Dam driven by the north pier B line pours.

4.3 Milestone M18

M18A and M18B require completion of South Service Bay and Mezzanine to start Hydro Works by July 31, 2015.

1. The SSB U/S and D/S shaft leading to elevation 6.5 is critical allowing the construction of Unit 1 of Intake and Draft Tube, and then further up to El 15 to allow for steel structure to take place

4.4 Milestone M26

M26 require completion of Powerhouse Unit 1 with Mezzanines by 30 September 2015. The delay in its completion is greatly contributed by delay in the erection of ICS Bay and bay 2.

1. Activities driving milestones in this analysis is the commissioning of overhead cranes, Unit 1 foundation preparation and backfill removal, then the draft tube slabs then the tailrace piers leading to the ICS dismantling then the structure steel erection.
2. In another analysis, SSB U/S shaft is driving Intake 1 pours to El 15.5 before ICS dismantling operations and resuming back after.

4.5 Milestone M28

M28 requires completion of Intake 1 by 31 March 2016

1. From these analysis it appears that the main drive to M28 are the same activities driving M26
2. Mainly the ICS enclosure, then the foundation preparation and backfill removal, then the draft tube slabs then the tailrace piers leading to the ICS dismantling then resuming the pours in the intake side.
3. In another analysis, SSB U/S shaft is driving Intake 1 pours to El 15.5 before ICS dismantling operations and resuming back after.

4.6 All Sites / General

1. The schedule has been actualized and is updated with current progress with Data Date Dec 28, 2014.

2. Hard constraints are put to push the south transition dam to the summer on the:
   -*STD.M2.STU2A02-03, SOUTH TRANSITION DAM, and LIFT STU2A-02 – Construct*

3. The Constraints are put as well on Monolith 3 and 4 of the central dam for the same reasons:

   -CTD.M3.CTU3A03-03- CENTER TRANSITION DAM: LIFT CTU3A-03 – Construct
   -CTD.M4.CTU4A06-03- CENTER TRANSITION DAM: LIFT CTU4A-06 – Construct

4. The Constraints are put on Intake 3 & 4 Bottom part and Draft Tube 3 & 4 (U/S & D/S part) to start in summer.

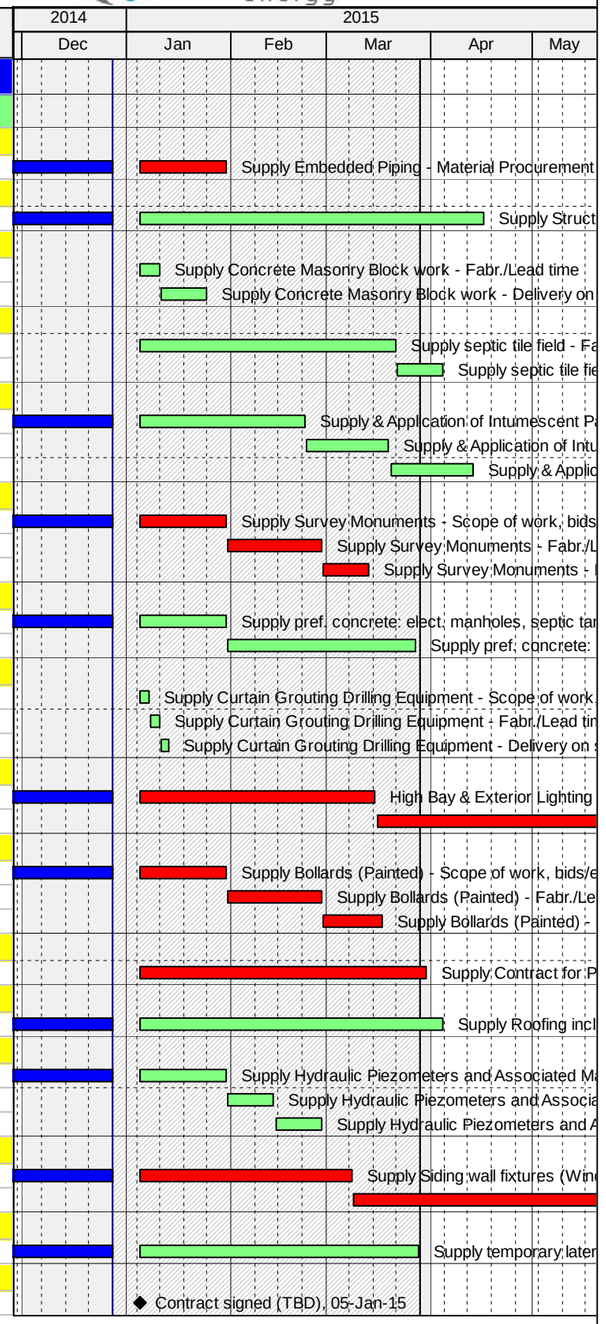
5 Potential Changes to Project Schedule

- Adjustment to the construction completions after completion of ICS
- Adjustment of the draft tube pours arrangement.

6 Attachments

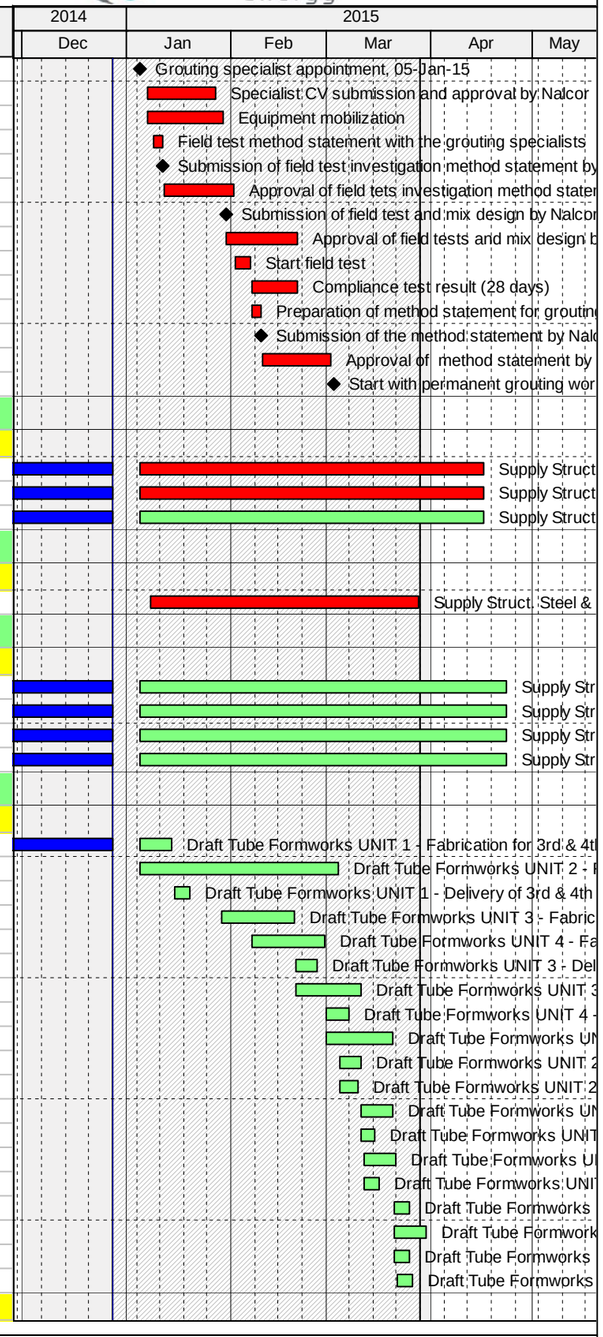
6.1 Summary Schedule
6.2 Project Schedule – 3 Months Lookahead
6.3 Primavera Schedule (electronic .XER file)
6.4 Progress and Commodity Curves with Progress Summary Table
6.5 Pour Count Curves
6.6 Contract Milestone Comparison
6.7 Multiple Float Path Analysis
6.8 Pour Distribution by Month
6.9 Critical and Sub Critical Activities Schedule

Activity ID	Activity Name	Original Duration	Start	Finish
CH0007-MUSKRAT FALLS - EXECUTION DETAILED SCHEDULE Data Date 28 December (Rebar FworkResourc loa		370	07-Jul-14 A	26-Jul-15
CONTRACT GENERAL		309	06-Sep-14 A	26-Jul-15
Embedded Piping (Main PO)		18	23-Sep-14 A	30-Jan-15
CON.GN.EmbePip-4	Supply Embedded Piping - Material Procurement - Remaining PH, DT Intake, SSB, Central Dam, North DAm, South Dam,	18	23-Sep-14 A	30-Jan-15
Fabrication		300	06-Sep-14 A	16-Apr-15
CON.GN.EmbePar-03	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time (To be deleted- Already split inot areas)	300	06-Sep-14 A	16-Apr-15
Masonry Concrete Blocks		20	05-Jan-15	24-Jan-15
CON.GN.MasConc-02	Supply Concrete Masonry Block work - Fabr./Lead time	6	05-Jan-15	10-Jan-15
CON.GN.MasConc-03	Supply Concrete Masonry Block work - Delivery on site	14	11-Jan-15	24-Jan-15
Septic Tile Field		90	05-Jan-15	04-Apr-15
CON.GN.SeptTil-02	Supply septic tile field - Fabr./Lead time	76	05-Jan-15	21-Mar-15
CON.GN.SeptTil-03	Supply septic tile field - Delivery on site	14	22-Mar-15	04-Apr-15
Supply and Installation of Intumescent Paint		135	09-Nov-14 A	13-Apr-15
CON.GN.IntumPa-01	Supply & Application of Intumescent Paint - Scope of work, bids/eval and Place P.O.	49	09-Nov-14 A	22-Feb-15
CON.GN.IntumPa-02	Supply & Application of Intumescent Paint - Fabr./Lead time	25	23-Feb-15	19-Mar-15
CON.GN.IntumPa-03	Supply & Application of Intumescent Paint - Delivery on site	25	20-Mar-15	13-Apr-15
Supply of Survey Instruments		168	13-Sep-14 A	13-Mar-15
CON.GN.SurvIns-01	Supply Survey Monuments - Scope of work, bids/eval and Place P.O.	21	13-Sep-14 A	30-Jan-15
CON.GN.SurvIns-02	Supply Survey Monuments - Fabr./Lead time	28	31-Jan-15	27-Feb-15
CON.GN.SurvIns-03	Supply Survey Monuments - Delivery on site	14	28-Feb-15	13-Mar-15
Pre-fabricated Concrete Elements (Manholes, Septic Tks, Septic Dist. Boxes..)		182	13-Sep-14 A	27-Mar-15
CON.GN.PrefabC-01	Supply pref. concrete: elect. manholes, septic tank & septic distribution box - Scope of work, bids/eval and Place P.O.	49	13-Sep-14 A	30-Jan-15
CON.GN.PrefabC-02	Supply pref. concrete: elect. manholes, septic tank & septic distribution box - Fabr./Lead time	56	31-Jan-15	27-Mar-15
Curtain Grouting Equipment		9	05-Jan-15	13-Jan-15
CON.GN.GroutEq-01	Supply Curtain Grouting Drilling Equipment - Scope of work, bids/eval and Place P.O.	3	05-Jan-15	07-Jan-15
CON.GN.GroutEq-02	Supply Curtain Grouting Drilling Equipment - Fabr./Lead time	3	08-Jan-15	10-Jan-15
CON.GN.GroutEq-03	Supply Curtain Grouting Drilling Equipment - Delivery on site	3	11-Jan-15	13-Jan-15
High Bay & Exterior Lighting Fixtures c/w related material for Power supply & Distribution		240	13-Sep-14 A	24-May-15
CON.GN.ExLight-01	High Bay & Exterior Lighting c/w Associated Materials for Power Supply & Distribution - Scope, Bids/Eval and Place PO	113	13-Sep-14 A	15-Mar-15
CON.GN.ExLight-02	High Bay & Exterior Lighting c/w Associated Materials for Power Supply & Distribution - Fabr./Lead time	70	16-Mar-15	24-May-15
Supply Bollards (Painted)		172	13-Sep-14 A	17-Mar-15
CON.GN.Bollard-01	Supply Bollards (Painted) - Scope of work, bids/eval and Place P.O.	49	13-Sep-14 A	30-Jan-15
CON.GN.Bollard-02	Supply Bollards (Painted) - Fabr./Lead time	28	31-Jan-15	27-Feb-15
CON.GN.Bollard-03	Supply Bollards (Painted) - Delivery on site	18	28-Feb-15	17-Mar-15
Supply Pre-Cast Fire Walls		85	05-Jan-15	30-Mar-15
CON.GN.FireWal-01	Supply Contract for Precast Blast walls for GSU Transformers - Scope of work, bids/eval and Place P.O.	85	05-Jan-15	30-Mar-15
Supply Roofing Material c/w roof drains, flashings, sleeves, sealant etc.		133	13-Sep-14 A	04-Apr-15
CON.GN.Roofing-01	Supply Roofing including all fixtures (roof drains, vents, flashing, sleeves, sealants, etc.) - Contract Signature	133	13-Sep-14 A	04-Apr-15
Supply Hydraulic Piezometers and related Material		90	10-Nov-14 A	27-Feb-15
CON.GN.HPiezom-01	Supply Hydraulic Piezometers and Associated Materials - Scope of work, bids/eval and Place P.O.	7	10-Nov-14 A	30-Jan-15
CON.GN.HPiezom-02	Supply Hydraulic Piezometers and Associated Materials - Fabr./Lead time	14	31-Jan-15	13-Feb-15
CON.GN.HPiezom-03	Supply Hydraulic Piezometers and Associated Materials - Delivery on site	14	14-Feb-15	27-Feb-15
Supply Siding Including all fixtures (Windows, Doors, Louvers, etc.)		246	09-Nov-14 A	26-Jul-15
CON.GN.SidingF-01	Supply Siding wall fixtures (Windows, Mandoors, Louvers, flashing, sleeves, sealants, etc.) - Contract Signature	70	09-Nov-14 A	08-Mar-15
CON.GN.SidingF-02	Supply Siding wall fixtures (Windows, Mandoors, Louvers, flashing, sleeves, sealants, etc.) - Fabr./Lead time	140	09-Mar-15	26-Jul-15
Temporary Lateral Supports		83	14-Nov-14 A	28-Mar-15
CON.GN.Lateral-02	Supply temporary lateral support and bracing for piers of the spillway - Fabr./Lead time (to be deleted)	83	14-Nov-14 A	28-Mar-15
Curtain Grouting		57	05-Jan-15	03-Mar-15
MOB.GT.GroutPr-01	Contract signed (TBD)	0	05-Jan-15	



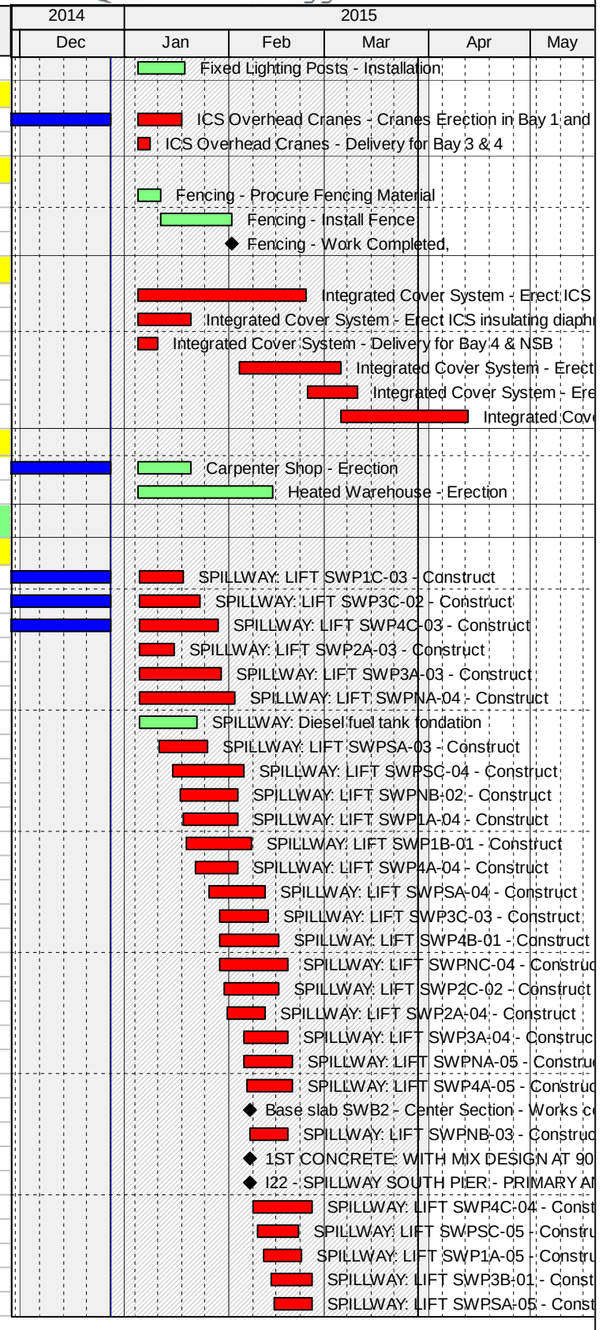
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

Activity ID	Activity Name	Original Duration	Start	Finish
MOB.GT.GroutPr-02	Grouting specialist appointment	0	05-Jan-15	
MOB.GT.GroutPr-03	Specialist CV submission and approval by Nalcor	21	07-Jan-15	27-Jan-15
MOB.GT.GroutPr-07	Equipment mobilization	23	07-Jan-15	29-Jan-15
MOB.GT.GroutPr-04	Field test method statement with the grouting specialists	3	09-Jan-15	11-Jan-15
MOB.GT.GroutPr-05	Submission of field test investigation method statement by Nalcor	0		11-Jan-15
MOB.GT.GroutPr-06	Approval of field tets investigation method statement by Nalcor	21	12-Jan-15	01-Feb-15
MOB.GT.GroutPr-10	Submission of field test and mix design by Nalcor	0		30-Jan-15
MOB.GT.GroutPr-11	Approval of field tests and mix design by Nalcor	21	30-Jan-15	20-Feb-15
MOB.GT.GroutPr-08	Start field test	5	02-Feb-15	06-Feb-15
MOB.GT.GroutPr-09	Compliance test result (28 days)	14	07-Feb-15	20-Feb-15
MOB.GT.GroutPr-12	Preparation of method statement for grouting works	3	07-Feb-15	09-Feb-15
MOB.GT.GroutPr-13	Submission of the method statement by Nalcor	0		09-Feb-15
MOB.GT.GroutPr-14	Approval of method statement by Nalcor	21	10-Feb-15	02-Mar-15
MOB.GT.GroutPr-15	Start with permanent grouting works	0	03-Mar-15	
Spillway		300	06-Sep-14 A	16-Apr-15
Spillway		300	06-Sep-14 A	16-Apr-15
CON.GN.EmbePar-51	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time SW Upstream bridge U/ S	300	06-Sep-14 A	16-Apr-15
CON.GN.EmbePar-61	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time SW downstream bridge D/S	300	06-Sep-14 A	16-Apr-15
CON.GN.EmbePar-171	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time SW Lateral Supports	300	06-Sep-14 A	16-Apr-15
SSB Steel Deliveries		80	08-Jan-15	28-Mar-15
Powerhouse		80	08-Jan-15	28-Mar-15
CON.GN.EmbePar-71	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time SSB	80	08-Jan-15	28-Mar-15
Dams		300	06-Sep-14 A	23-Apr-15
Dams		300	06-Sep-14 A	23-Apr-15
CON.GN.EmbePar-131	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time Electrical Bldg Platform on the central transition dam	300	06-Sep-14 A	23-Apr-15
CON.GN.EmbePar-141	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time CTD (Misc)	300	06-Sep-14 A	23-Apr-15
CON.GN.EmbePar-151	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time NTD (Misc)	300	06-Sep-14 A	23-Apr-15
CON.GN.EmbePar-161	Supply Struct. Steel & Major Misc. Steel - Fabr./Lead time STD (Misc)	300	06-Sep-14 A	23-Apr-15
MOBILIZATION & TEMPORARY SITE INSTALLATION		265	07-Jul-14 A	12-Apr-15
Draft Tube Formworks (CEI)		111	26-Nov-14 A	30-Mar-15
MOB.FW.DraftTu-06	Draft Tube Formworks UNIT 1 - Fabrication for 3rd & 4th lifts	10	26-Nov-14 A	14-Jan-15
MOB.FW.DraftTu-09	Draft Tube Formworks UNIT 2 - Fabrication - 1st lift out of 4	59	05-Jan-15	04-Mar-15
MOB.FW.DraftTu-08	Draft Tube Formworks UNIT 1 - Delivery of 3rd & 4th lifts for Bay 1 last pieces	5	15-Jan-15	19-Jan-15
MOB.FW.DraftTu-15	Draft Tube Formworks UNIT 3 - Fabrication - 1st lift out of 4	22	29-Jan-15	19-Feb-15
MOB.FW.DraftTu-21	Draft Tube Formworks UNIT 4 - Fabrication - 1st lift out of 4	22	07-Feb-15	28-Feb-15
MOB.FW.DraftTu-16	Draft Tube Formworks UNIT 3 - Delivery of last pieces of lift 1 - Bay 1	7	20-Feb-15	26-Feb-15
MOB.FW.DraftTu-17	Draft Tube Formworks UNIT 3 - Fabrication for 2nd lift	20	20-Feb-15	11-Mar-15
MOB.FW.DraftTu-22	Draft Tube Formworks UNIT 4 - Delivery of last pieces of lift 1 - Bay 1	7	01-Mar-15	07-Mar-15
MOB.FW.DraftTu-23	Draft Tube Formworks UNIT 4 - Fabrication for 2nd lift	20	01-Mar-15	20-Mar-15
MOB.FW.DraftTu-10	Draft Tube Formworks UNIT 2 - Delivery of last pieces of lift 1 - Bay 1	7	05-Mar-15	11-Mar-15
MOB.FW.DraftTu-11	Draft Tube Formworks UNIT 2 - Fabrication for 2nd lift	6	05-Mar-15	10-Mar-15
MOB.FW.DraftTu-13	Draft Tube Formworks UNIT 2 - Fabrication for 3rd & 4th lifts	10	11-Mar-15	20-Mar-15
MOB.FW.DraftTu-12	Draft Tube Formworks UNIT 2 - Delivery of 2nd lift for Bay 1	5	11-Mar-15	15-Mar-15
MOB.FW.DraftTu-19	Draft Tube Formworks UNIT 3 - Fabrication for 3rd & 4th lifts	10	12-Mar-15	21-Mar-15
MOB.FW.DraftTu-18	Draft Tube Formworks UNIT 3 - Delivery of 2nd lift for Bay 1	5	12-Mar-15	16-Mar-15
MOB.FW.DraftTu-14	Draft Tube Formworks UNIT 2 - Delivery of 3rd & 4th lifts for Bay 1 last pieces	5	21-Mar-15	25-Mar-15
MOB.FW.DraftTu-25	Draft Tube Formworks UNIT 4 - Fabrication for 3rd & 4th lifts	10	21-Mar-15	30-Mar-15
MOB.FW.DraftTu-24	Draft Tube Formworks UNIT 4 - Delivery of 2nd lift for Bay 1	5	21-Mar-15	25-Mar-15
MOB.FW.DraftTu-20	Draft Tube Formworks UNIT 3 - Delivery of 3rd & 4th lifts for Bay 1 last pieces	5	22-Mar-15	26-Mar-15
Fixed Lighting Posts		14	05-Jan-15	18-Jan-15



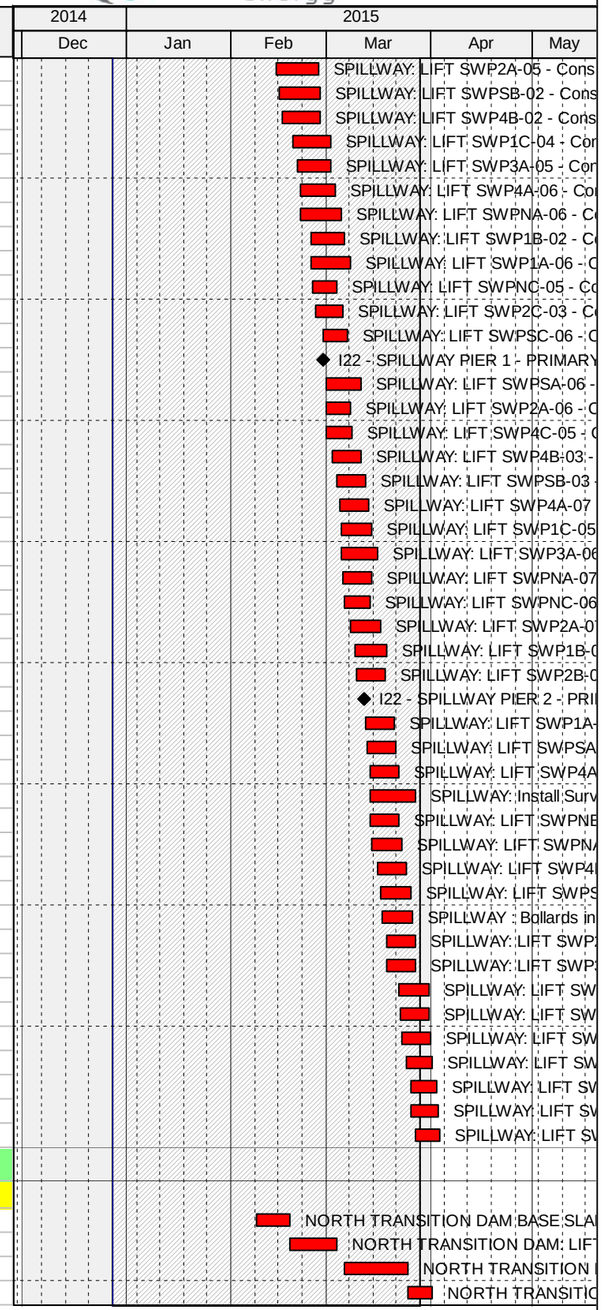
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

Activity ID	Activity Name	Original Duration	Start	Finish
MOB.GN.FixedLi-02	Fixed Lighting Posts - Installation	14	05-Jan-15	18-Jan-15
Supply of Powerhouse ICS Overhead Cranes		39	23-Nov-14 A	17-Jan-15
MOB.IC.Supplyo-07	ICS Overhead Cranes - Cranes Erection in Bay 1 and 2 (electrical and mechanical incl)	39	23-Nov-14 A	17-Jan-15
MOB.IC.Supplyo-08	ICS Overhead Cranes - Delivery for Bay 3 & 4	4	05-Jan-15	08-Jan-15
Fencing Supply only		28	05-Jan-15	01-Feb-15
MOB.GN.Fencing-02	Fencing - Procure Fencing Material	7	05-Jan-15	11-Jan-15
MOB.GN.Fencing-03	Fencing - Install Fence	21	11-Jan-15	01-Feb-15
MOB.GN.Fencing-04	Fencing - Work Completed	0		01-Feb-15
Integrated Cover System (ICS) - supply and install		98	05-Jan-15	12-Apr-15
MOB.IC.Integra-15	Integrated Cover System - Erect ICS Structural Steel for Bay 3	50	05-Jan-15	23-Feb-15
MOB.IC.Integra-52	Integrated Cover System - Erect ICS insulating diaphragm between the unit 2 and 3	16	05-Jan-15	20-Jan-15
MOB.IC.Integra-09	Integrated Cover System - Delivery for Bay 4 & NSB	6	05-Jan-15	10-Jan-15
MOB.IC.Integra-16	Integrated Cover System - Erect ICS Structural Steel for Bay 4 & NSB	30	04-Feb-15	05-Mar-15
MOB.IC.Integra-22	Integrated Cover System - Erect ICS Roofing & Walls for Bay 3	15	24-Feb-15	10-Mar-15
MOB.IC.Integra-23	Integrated Cover System - Erect ICS Roofing & Walls for Bay 4 & NSB	38	06-Mar-15	12-Apr-15
Temporary Buildings Installation by ASTALDI (Warehouse, Workshop etc.)		206	07-Jul-14 A	13-Feb-15
MOB.GN.TempBld-17	Carpenter Shop - Erection	82	07-Jul-14 A	20-Jan-15
MOB.GN.TempBld-04	Heated Warehouse - Erection	40	05-Jan-15	13-Feb-15
SPILLWAY		124	13-Nov-14 A	03-Apr-15
Astaldi - Execution Work		124	13-Nov-14 A	03-Apr-15
SPW.P1.SWP1C03-01	SPILLWAY: LIFT SWP1C-03 - Construct	10	13-Nov-14 A	18-Jan-15
SPW.P3.SWP3C02-03	SPILLWAY: LIFT SWP3C-02 - Construct	13	19-Nov-14 A	23-Jan-15
SPW.P4.SWP4C03-03	SPILLWAY: LIFT SWP4C-03 - Construct	13	19-Nov-14 A	28-Jan-15
SPW.P2.SWP2A03-03	SPILLWAY: LIFT SWP2A-03 - Construct	4	05-Jan-15	15-Jan-15
SPW.P3.SWP3A03-03	SPILLWAY: LIFT SWP3A-03 - Construct	8	05-Jan-15	29-Jan-15
SPW.PN.SWPNA04-03	SPILLWAY: LIFT SWPNA-04 - Construct	12	05-Jan-15	02-Feb-15
SPW.GN.General-21	SPILLWAY: Diesel fuel tank fondation	7	05-Jan-15	22-Jan-15
SPW.PS.SWPSA03-01	SPILLWAY: LIFT SWPSA-03 - Construct	6	11-Jan-15	25-Jan-15
SPW.PS.SWPSC04-01	SPILLWAY: LIFT SWPSC-04 - Construct	7	15-Jan-15	05-Feb-15
SPW.PN.SWPNB02-03	SPILLWAY: LIFT SWPNB-02 - Construct	6	17-Jan-15	03-Feb-15
SPW.P1.SWP1A04-01	SPILLWAY: LIFT SWP1A-04 - Construct	6	18-Jan-15	03-Feb-15
SPW.P1.SWP1B01-01	SPILLWAY: LIFT SWP1B-01 - Construct	7	19-Jan-15	07-Feb-15
SPW.P4.SWP4A04-03	SPILLWAY: LIFT SWP4A-04 - Construct	5	22-Jan-15	03-Feb-15
SPW.PS.SWPSA04-01	SPILLWAY: LIFT SWPSA-04 - Construct	7	26-Jan-15	11-Feb-15
SPW.P3.SWP3C03-03	SPILLWAY: LIFT SWP3C-03 - Construct	6	29-Jan-15	12-Feb-15
SPW.P4.SWP4B01-03	SPILLWAY: LIFT SWP4B-01 - Construct	6	29-Jan-15	15-Feb-15
SPW.PN.SWPNC04-03	SPILLWAY: LIFT SWPNC-04 - Construct	17	29-Jan-15	18-Feb-15
SPW.P2.SWP2C02-01	SPILLWAY: LIFT SWP2C-02 - Construct	7	30-Jan-15	15-Feb-15
SPW.P2.SWP2A04-01	SPILLWAY: LIFT SWP2A-04 - Construct	5	31-Jan-15	11-Feb-15
SPW.P3.SWP3A04-03	SPILLWAY: LIFT SWP3A-04 - Construct	5	05-Feb-15	18-Feb-15
SPW.PN.SWPNA05-03	SPILLWAY: LIFT SWPNA-05 - Construct	5	05-Feb-15	19-Feb-15
SPW.P4.SWP4A05-03	SPILLWAY: LIFT SWP4A-05 - Construct	5	06-Feb-15	19-Feb-15
SPW.CS.General-07	Base slab SWB2 - Center Section - Works completion	0		07-Feb-15
SPW.PN.SWPNB03-03	SPILLWAY: LIFT SWPNB-03 - Construct	4	07-Feb-15	18-Feb-15
SPW.GN.General-15	1ST CONCRETE: WITH MIX DESIGN AT 90 DAYS (OR LESS IF POSSIBLE) AND 2 BATCH PLANTS OPERATIONAL	0		07-Feb-15
SPW.09.General-17	I22 - SPILLWAY SOUTH PIER - PRIMARY ANCHORS DELIVERED TO SITE Phase 2	0	07-Feb-15*	
SPW.P4.SWP4C04-03	SPILLWAY: LIFT SWP4C-04 - Construct	7	08-Feb-15	25-Feb-15
SPW.PS.SWPSC05-01	SPILLWAY: LIFT SWPSC-05 - Construct	6	09-Feb-15	21-Feb-15
SPW.P1.SWP1A05-01	SPILLWAY: LIFT SWP1A-05 - Construct	5	11-Feb-15	22-Feb-15
SPW.P3.SWP3B01-03	SPILLWAY: LIFT SWP3B-01 - Construct	6	13-Feb-15	25-Feb-15
SPW.PS.SWPSA05-01	SPILLWAY: LIFT SWPSA-05 - Construct	6	14-Feb-15	25-Feb-15



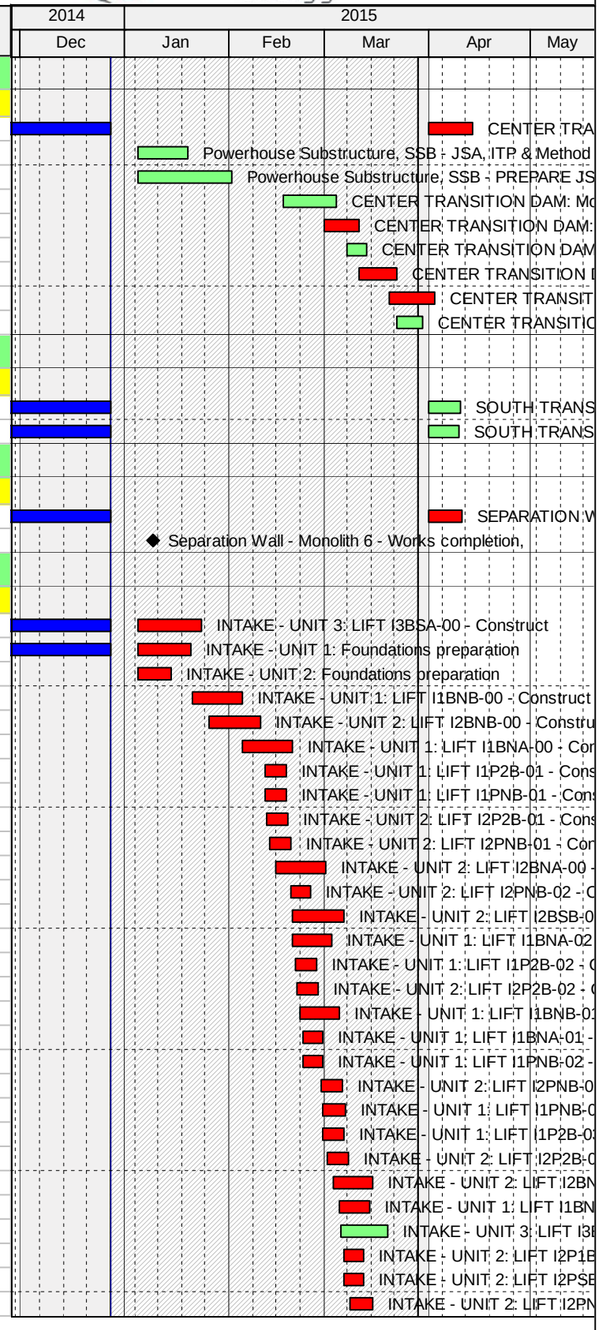
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

Activity ID	Activity Name	Original Duration	Start	Finish
SPW.P2.SWP2A05-01	SPILLWAY: LIFT SWP2A-05 - Construct	6	14-Feb-15	26-Feb-15
SPW.PS.SWPSB02-01	SPILLWAY: LIFT SWPSB-02 - Construct	6	15-Feb-15	27-Feb-15
SPW.P4.SWP4B02-03	SPILLWAY: LIFT SWP4B-02 - Construct	6	16-Feb-15	27-Feb-15
SPW.P1.SWP1C04-01	SPILLWAY: LIFT SWP1C-04 - Construct	6	19-Feb-15	02-Mar-15
SPW.P3.SWP3A05-03	SPILLWAY: LIFT SWP3A-05 - Construct	5	20-Feb-15	02-Mar-15
SPW.P4.SWP4A06-03	SPILLWAY: LIFT SWP4A-06 - Construct	6	21-Feb-15	03-Mar-15
SPW.PN.SWPNA06-03	SPILLWAY: LIFT SWPNA-06 - Construct	7	21-Feb-15	05-Mar-15
SPW.P1.SWP1B02-01	SPILLWAY: LIFT SWP1B-02 - Construct	6	24-Feb-15	06-Mar-15
SPW.P1.SWP1A06-01	SPILLWAY: LIFT SWP1A-06 - Construct	7	24-Feb-15	08-Mar-15
SPW.PN.SWPNC05-03	SPILLWAY: LIFT SWPNC-05 - Construct	5	25-Feb-15	04-Mar-15
SPW.P2.SWP2C03-01	SPILLWAY: LIFT SWP2C-03 - Construct	6	26-Feb-15	06-Mar-15
SPW.PS.SWPSC06-01	SPILLWAY: LIFT SWPSC-06 - Construct	5	28-Feb-15	07-Mar-15
SPW.09.General-18	I22 - SPILLWAY PIER 1 - PRIMARY ANCHORS DELIVERED TO SITE Phase 2	0	28-Feb-15*	
SPW.PS.SWPSA06-01	SPILLWAY: LIFT SWPSA-06 - Construct	8	01-Mar-15	11-Mar-15
SPW.P2.SWP2A06-01	SPILLWAY: LIFT SWP2A-06 - Construct	5	01-Mar-15	08-Mar-15
SPW.P4.SWP4C05-03	SPILLWAY: LIFT SWP4C-05 - Construct	6	01-Mar-15	08-Mar-15
SPW.P4.SWP4B03-03	SPILLWAY: LIFT SWP4B-03 - Construct	6	03-Mar-15	11-Mar-15
SPW.PS.SWPSB03-01	SPILLWAY: LIFT SWPSB-03 - Construct	6	04-Mar-15	12-Mar-15
SPW.P4.SWP4A07-03	SPILLWAY: LIFT SWP4A-07 - Construct	6	05-Mar-15	13-Mar-15
SPW.P1.SWP1C05-01	SPILLWAY: LIFT SWP1C-05 - Construct	6	05-Mar-15	14-Mar-15
SPW.P3.SWP3A06-03	SPILLWAY: LIFT SWP3A-06 - Construct	7	05-Mar-15	16-Mar-15
SPW.PN.SWPNA07-03	SPILLWAY: LIFT SWPNA-07 - Construct	6	06-Mar-15	14-Mar-15
SPW.PN.SWPNC06-03	SPILLWAY: LIFT SWPNC-06 - Construct	6	06-Mar-15	14-Mar-15
SPW.P2.SWP2A07-01	SPILLWAY: LIFT SWP2A-07 - Construct	6	08-Mar-15	17-Mar-15
SPW.P1.SWP1B03-01	SPILLWAY: LIFT SWP1B-03 - Construct	7	09-Mar-15	19-Mar-15
SPW.P2.SWP2B01-01	SPILLWAY: LIFT SWP2B-01 - Construct	6	10-Mar-15	18-Mar-15
SPW.09.General-19	I22 - SPILLWAY PIER 2 - PRIMARY ANCHORS DELIVERED TO SITE Phase 2	0	12-Mar-15*	
SPW.P1.SWP1A07-01	SPILLWAY: LIFT SWP1A-07 - Construct	6	12-Mar-15	21-Mar-15
SPW.PS.SWPSA07-01	SPILLWAY: LIFT SWPSA-07 - Construct	7	13-Mar-15	21-Mar-15
SPW.P4.SWP4A08-03	SPILLWAY: LIFT SWP4A-08 - Construct	6	14-Mar-15	22-Mar-15
SPW.P1.General-04	SPILLWAY: Install Survey Monuments on top of Permanent Bridges (NOTEBOOK)	14	14-Mar-15	27-Mar-15
SPW.PN.SWPNB04-03	SPILLWAY: LIFT SWPNB-04 - Construct	6	14-Mar-15	22-Mar-15
SPW.PN.SWPNA08-03	SPILLWAY: LIFT SWPNA-08 - Construct	6	14-Mar-15	23-Mar-15
SPW.P4.SWP4B04-03	SPILLWAY: LIFT SWP4B-04 - Construct	6	16-Mar-15	24-Mar-15
SPW.PS.SWPSB04-01	SPILLWAY: LIFT SWPSB-04 - Construct	6	17-Mar-15	26-Mar-15
SPW.GN.General-22	SPILLWAY : Bollards installation for all Spillway area (NOTEBOOK)	7	17-Mar-15	26-Mar-15
SPW.P2.SWP2A08-01	SPILLWAY: LIFT SWP2A-08 - Construct	6	19-Mar-15	27-Mar-15
SPW.P3.SWP3A07-03	SPILLWAY: LIFT SWP3A-07 - Construct	6	19-Mar-15	27-Mar-15
SPW.P4.SWP4A09-03	SPILLWAY: LIFT SWP4A-09 - Construct	6	22-Mar-15	31-Mar-15
SPW.P2.SWP2B02-01	SPILLWAY: LIFT SWP2B-02 - Construct	6	23-Mar-15	31-Mar-15
SPW.PN.SWPNA09-03	SPILLWAY: LIFT SWPNA-09 - Construct	6	23-Mar-15	01-Apr-15
SPW.P4.SWP4C06-03	SPILLWAY: LIFT SWP4C-06 - Construct	6	25-Mar-15	01-Apr-15
SPW.P1.SWP1A08-01	SPILLWAY: LIFT SWP1A-08 - Construct	6	26-Mar-15	02-Apr-15
SPW.PS.SWPSA08-01	SPILLWAY: LIFT SWPSA-08 - Construct	7	26-Mar-15	03-Apr-15
SPW.PN.SWPNB05-03	SPILLWAY: LIFT SWPNB-05 - Construct	6	27-Mar-15	03-Apr-15
NORTH TRANSITION DAM		52	08-Feb-15	01-Apr-15
Astaldi - Execution Work		52	08-Feb-15	01-Apr-15
NTD.GN.General-02	NORTH TRANSITION DAM BASE SLAB: Overbreak Concrete	10	08-Feb-15	18-Feb-15
NTD.GN.NTB1A00-03	NORTH TRANSITION DAM: LIFT NTB1A-00 - Construct	9	18-Feb-15	04-Mar-15
NTD.GN.NTU1A01-03	NORTH TRANSITION DAM: LIFT NTU1A-01 - Construct	15	06-Mar-15	25-Mar-15
NTD.GN.General-07	NORTH TRANSITION DAM: Erect falsework	7	25-Mar-15	01-Apr-15



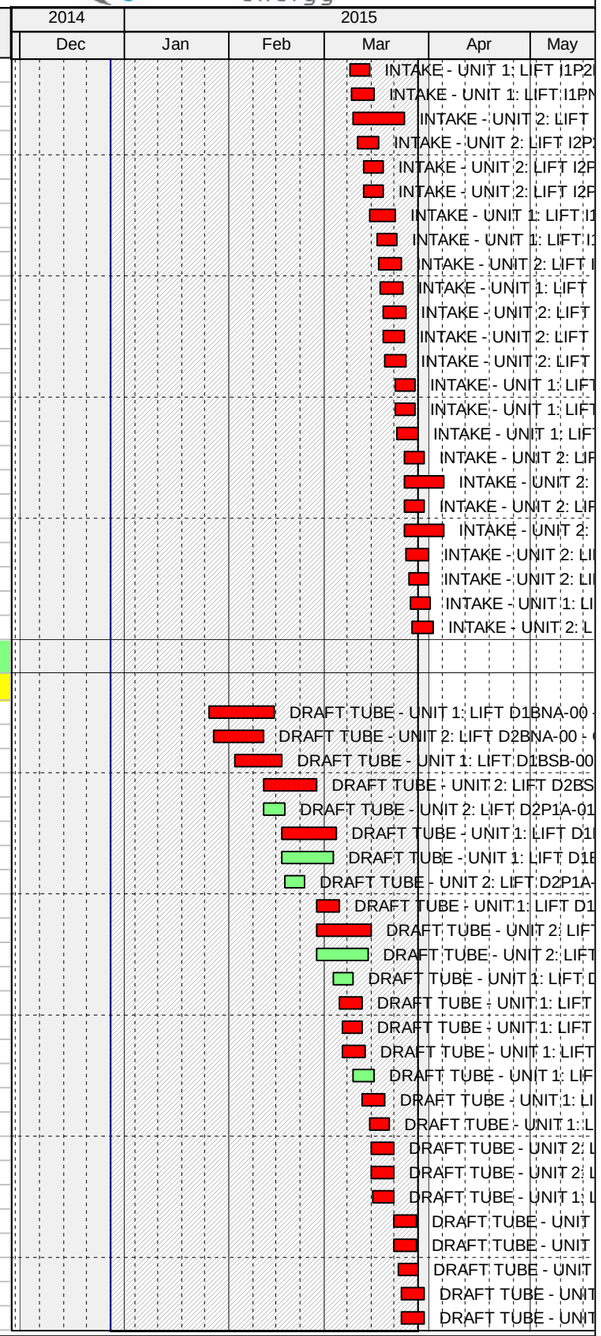
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

Activity ID	Activity Name	Original Duration	Start	Finish
CENTRE TRANSITION DAM		208	23-Aug-14 A	13-Apr-15
Astaldi - Execution Work		208	23-Aug-14 A	13-Apr-15
CTD.GN.General-02	CENTER TRANSITION DAM: Overbreak Concrete	49	23-Aug-14 A	13-Apr-15
CTD.GN.General-08	Powerhouse Substructure, SSB - JSA, ITP & Method statement Review by Client	15	05-Jan-15	19-Jan-15
CTD.GN.General-07	Powerhouse Substructure, SSB - PREPARE JSA, ITP & Method statement	28	05-Jan-15	01-Feb-15
CTD.M2.General-02	CENTER TRANSITION DAM: Monolith 2 - Erect falsework	16	17-Feb-15	04-Mar-15
CTD.M1.CTU1A01-03	CENTER TRANSITION DAM: LIFT CTU1A-01 - Construct (Spillway Pier SWPSA-06 must be poured)	8	01-Mar-15	11-Mar-15
CTD.M4.General-02	CENTER TRANSITION DAM: Monolith 4 - Erect falsework	6	08-Mar-15	13-Mar-15
CTD.M2.CTU2A04-03	CENTER TRANSITION DAM: LIFT CTU2A-04 - Construct	9	11-Mar-15	22-Mar-15
CTD.M1.CTU1A02-03	CENTER TRANSITION DAM: LIFT CTU1A-02 - Construct	11	20-Mar-15	02-Apr-15
CTD.M4.CTU4A05-03	CENTER TRANSITION DAM: LIFT CTU4A-05 - Construct	6	22-Mar-15	30-Mar-15
SOUTH TRANSITION DAM		38	23-Sep-14 A	10-Apr-15
Astaldi - Execution Work		38	23-Sep-14 A	10-Apr-15
STD.M1.STU1A01-03	SOUTH TRANSITION DAM: LIFT STU1A-01 - Construct	38	23-Sep-14 A	10-Apr-15
STD.GN.General-02	SOUTH TRANSITION DAM: Overbreak concrete	9	19-Oct-14 A	09-Apr-15
SEPARATION WALL		28	20-Nov-14 A	10-Apr-15
Astaldi - Execution Work		28	20-Nov-14 A	10-Apr-15
SEW.M2.WLW2A01-03	SEPARATION WALL: LIFT WLW2A-01 - Construct	4	20-Nov-14 A	10-Apr-15
SEW.M6.General-01	Separation Wall - Monolith 6 - Works completion	0		09-Jan-15
INTAKE		202	01-Sep-14 A	05-Apr-15
Astaldi - Execution Work		202	01-Sep-14 A	05-Apr-15
INT.3B.I3BSA00-03	INTAKE - UNIT 3: LIFT I3BSA-00 - Construct	42	01-Sep-14 A	23-Jan-15
INT.1B.General-02	INTAKE - UNIT 1: Foundations preparation	10	12-Oct-14 A	20-Jan-15
INT.2B.General-01	INTAKE - UNIT 2: Foundations preparation	10	05-Jan-15	14-Jan-15
INT.1B.I1BNB00-03	INTAKE - UNIT 1: LIFT I1BNB-00 - Construct	15	21-Jan-15	04-Feb-15
INT.2B.I2BNB00-03	INTAKE - UNIT 2: LIFT I2BNB-00 - Construct	15	26-Jan-15	10-Feb-15
INT.1B.I1BNA00-03	INTAKE - UNIT 1: LIFT I1BNA-00 - Construct	15	04-Feb-15	19-Feb-15
INT.1B.I1P2B01-03	INTAKE - UNIT 1: LIFT I1P2B-01 - Construct	6	11-Feb-15	17-Feb-15
INT.1B.I1PNB01-03	INTAKE - UNIT 1: LIFT I1PNB-01 - Construct	6	11-Feb-15	17-Feb-15
INT.2B.I2P2B01-03	INTAKE - UNIT 2: LIFT I2P2B-01 - Construct	6	12-Feb-15	18-Feb-15
INT.2B.I2PNB01-03	INTAKE - UNIT 2: LIFT I2PNB-01 - Construct	6	13-Feb-15	19-Feb-15
INT.2B.I2BNA00-03	INTAKE - UNIT 2: LIFT I2BNA-00 - Construct	15	14-Feb-15	01-Mar-15
INT.2B.I2PNB02-03	INTAKE - UNIT 2: LIFT I2PNB-02 - Construct	6	19-Feb-15	25-Feb-15
INT.2B.I2BSB00-03	INTAKE - UNIT 2: LIFT I2BSB-00 - Construct	15	19-Feb-15	06-Mar-15
INT.1B.I1BNA02-15	INTAKE - UNIT 1: LIFT I1BNA-02 Install falsework	12	19-Feb-15	03-Mar-15
INT.1B.I1P2B02-03	INTAKE - UNIT 1: LIFT I1P2B-02 - Construct	6	20-Feb-15	26-Feb-15
INT.2B.I2P2B02-03	INTAKE - UNIT 2: LIFT I2P2B-02 - Construct	6	21-Feb-15	27-Feb-15
INT.1B.I1BNB01-03	INTAKE - UNIT 1: LIFT I1BNB-01 - Construct	12	21-Feb-15	05-Mar-15
INT.1B.I1BNA01-03	INTAKE - UNIT 1: LIFT I1BNA-01 - Construct	6	22-Feb-15	28-Feb-15
INT.1B.I1PNB02-03	INTAKE - UNIT 1: LIFT I1PNB-02 - Construct	6	22-Feb-15	28-Feb-15
INT.2B.I2PNB03-03	INTAKE - UNIT 2: LIFT I2PNB-03 - Construct	7	28-Feb-15	06-Mar-15
INT.1B.I1PNB03-03	INTAKE - UNIT 1: LIFT I1PNB-03 - Construct	7	28-Feb-15	07-Mar-15
INT.1B.I1P2B03-03	INTAKE - UNIT 1: LIFT I1P2B-03 - Construct	6	28-Feb-15	06-Mar-15
INT.2B.I2P2B03-03	INTAKE - UNIT 2: LIFT I2P2B-03 - Construct	6	02-Mar-15	08-Mar-15
INT.2B.I2BNA02-35	INTAKE - UNIT 2: LIFT I2BNA-02 Install falsework	12	03-Mar-15	15-Mar-15
INT.1B.I1BNA02-03	INTAKE - UNIT 1: LIFT I1BNA-02 - Construct	9	05-Mar-15	14-Mar-15
INT.3B.I3BSA02-95	INTAKE - UNIT 3: LIFT I3BSA-02 Install falsework	14	06-Mar-15	19-Mar-15
INT.2B.I2P1B01-03	INTAKE - UNIT 2: LIFT I2P1B-01 - Construct	6	06-Mar-15	12-Mar-15
INT.2B.I2PSB01-03	INTAKE - UNIT 2: LIFT I2PSB-01 - Construct	6	06-Mar-15	12-Mar-15
INT.2B.I2PNB04-03	INTAKE - UNIT 2: LIFT I2PNB-04 - Construct	7	08-Mar-15	15-Mar-15



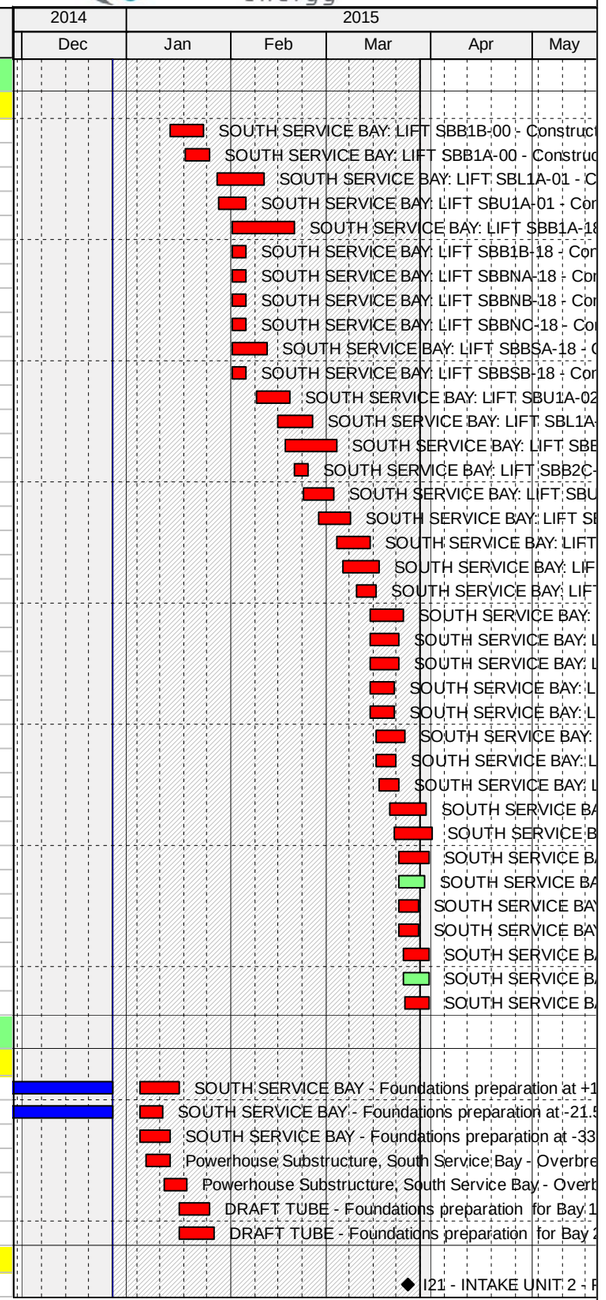
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

Activity ID	Activity Name	Original Duration	Start	Finish
INT.1B.I1P2B04-03	INTAKE - UNIT 1: LIFT I1P2B-04 - Construct	6	08-Mar-15	14-Mar-15
INT.1B.I1PNB04-03	INTAKE - UNIT 1: LIFT I1PNB-04 - Construct	7	09-Mar-15	16-Mar-15
INT.2B.I2BSA00-03	INTAKE - UNIT 2: LIFT I2BSA-00 - Construct	15	09-Mar-15	24-Mar-15
INT.2B.I2P2B04-03	INTAKE - UNIT 2: LIFT I2P2B-04 - Construct	6	11-Mar-15	17-Mar-15
INT.2B.I2P1B02-03	INTAKE - UNIT 2: LIFT I2P1B-02 - Construct	6	12-Mar-15	18-Mar-15
INT.2B.I2PSB02-03	INTAKE - UNIT 2: LIFT I2PSB-02 - Construct	6	12-Mar-15	18-Mar-15
INT.1B.I1BNA03-03	INTAKE - UNIT 1: LIFT I1BNA-03 - Construct	8	14-Mar-15	22-Mar-15
INT.1B.I1P2B05-03	INTAKE - UNIT 1: LIFT I1P2B-05 - Construct	6	16-Mar-15	22-Mar-15
INT.2B.I2PNB05-03	INTAKE - UNIT 2: LIFT I2PNB-05 - Construct	7	17-Mar-15	24-Mar-15
INT.1B.I1PNB05-03	INTAKE - UNIT 1: LIFT I1PNB-05 - Construct	7	18-Mar-15	24-Mar-15
INT.2B.I2PSB03-03	INTAKE - UNIT 2: LIFT I2PSB-03 - Construct	7	18-Mar-15	25-Mar-15
INT.2B.I2P1B03-03	INTAKE - UNIT 2: LIFT I2P1B-03 - Construct	6	18-Mar-15	24-Mar-15
INT.2B.I2P2B05-03	INTAKE - UNIT 2: LIFT I2P2B-05 - Construct	6	19-Mar-15	25-Mar-15
INT.1B.I1P2A01-03	INTAKE - UNIT 1: LIFT I1P2A-01 - Construct	6	22-Mar-15	28-Mar-15
INT.1B.I1PNA01-03	INTAKE - UNIT 1: LIFT I1PNA-01 - Construct	6	22-Mar-15	28-Mar-15
INT.1B.I1P2B06-03	INTAKE - UNIT 1: LIFT I1P2B-06 - Construct	6	22-Mar-15	28-Mar-15
INT.2B.I2BSA01-03	INTAKE - UNIT 2: LIFT I2BSA-01 - Construct	6	24-Mar-15	30-Mar-15
INT.2B.I2BSB01-03	INTAKE - UNIT 2: LIFT I2BSB-01 - Construct	12	24-Mar-15	05-Apr-15
INT.2B.I2P1B04-03	INTAKE - UNIT 2: LIFT I2P1B-04 - Construct	6	24-Mar-15	30-Mar-15
INT.2B.I2BSA02-55	INTAKE - UNIT 2: LIFT I2BSA-02 Install falsework	12	24-Mar-15	05-Apr-15
INT.2B.I2PSB04-03	INTAKE - UNIT 2: LIFT I2PSB-04 - Construct	7	25-Mar-15	01-Apr-15
INT.2B.I2PNB06-03	INTAKE - UNIT 2: LIFT I2PNB-06 - Construct	6	26-Mar-15	01-Apr-15
INT.1B.I1PNB06-03	INTAKE - UNIT 1: LIFT I1PNB-06 - Construct	6	26-Mar-15	01-Apr-15
INT.2B.I2P2B06-03	INTAKE - UNIT 2: LIFT I2P2B-06 - Construct	6	27-Mar-15	02-Apr-15
DRAFT TUBE		64	26-Jan-15	30-Mar-15
Astaldi - Execution Work		64	26-Jan-15	30-Mar-15
DRT.1U.D1BNA00-03	DRAFT TUBE - UNIT 1: LIFT D1BNA-00 - Construct	20	26-Jan-15	14-Feb-15
DRT.2U.D2BNA00-03	DRAFT TUBE - UNIT 2: LIFT D2BNA-00 - Construct	15	27-Jan-15	11-Feb-15
DRT.1D.D1BSB00-03	DRAFT TUBE - UNIT 1: LIFT D1BSB-00 - Construct	14	02-Feb-15	16-Feb-15
DRT.2D.D2BSB00-03	DRAFT TUBE - UNIT 2: LIFT D2BSB-00 - Construct	16	11-Feb-15	27-Feb-15
DRT.2U.D2P1A01-03	DRAFT TUBE - UNIT 2: LIFT D2P1A-01 - Construct	6	11-Feb-15	17-Feb-15
DRT.1D.D1BNB00-03	DRAFT TUBE - UNIT 1: LIFT D1BNB-00 - Construct	16	16-Feb-15	04-Mar-15
DRT.1U.D1BSA00-03	DRAFT TUBE - UNIT 1: LIFT D1BSA-00 - Construct	15	16-Feb-15	03-Mar-15
DRT.2U.D2P1A03-03	DRAFT TUBE - UNIT 2: LIFT D2P1A-03 - Construct	6	17-Feb-15	23-Feb-15
DRT.1D.D1PSB01-03	DRAFT TUBE - UNIT 1: LIFT D1PSB-01 - Construct	7	27-Feb-15	05-Mar-15
DRT.2D.D2BNB00-03	DRAFT TUBE - UNIT 2: LIFT D2BNB-00 - Construct	16	27-Feb-15	15-Mar-15
DRT.2U.D2BSA00-03	DRAFT TUBE - UNIT 2: LIFT D2BSA-00 - Construct	15	27-Feb-15	14-Mar-15
DRT.1U.D1P1A01-03	DRAFT TUBE - UNIT 1: LIFT D1P1A-01 - Construct	6	03-Mar-15	09-Mar-15
DRT.1D.D1PSB02-03	DRAFT TUBE - UNIT 1: LIFT D1PSB-02 - Construct	7	05-Mar-15	12-Mar-15
DRT.1D.D1P1B01-03	DRAFT TUBE - UNIT 1: LIFT D1P1B-01 - Construct	6	06-Mar-15	12-Mar-15
DRT.1D.D1PNB01-03	DRAFT TUBE - UNIT 1: LIFT D1PNB-01 - Construct	7	06-Mar-15	13-Mar-15
DRT.1U.D1P1A03-03	DRAFT TUBE - UNIT 1: LIFT D1P1A-03 - Construct	6	09-Mar-15	15-Mar-15
DRT.1D.D1PSB03-03	DRAFT TUBE - UNIT 1: LIFT D1PSB-03 - Construct	7	12-Mar-15	19-Mar-15
DRT.1D.D1P1B02-03	DRAFT TUBE - UNIT 1: LIFT D1P1B-02 - Construct	6	14-Mar-15	20-Mar-15
DRT.2D.D2P1B01-03	DRAFT TUBE - UNIT 2: LIFT D2P1B-01 - Construct	7	15-Mar-15	21-Mar-15
DRT.2D.D2PNB01-03	DRAFT TUBE - UNIT 2: LIFT D2PNB-01 - Construct	7	15-Mar-15	21-Mar-15
DRT.1D.D1PNB02-03	DRAFT TUBE - UNIT 1: LIFT D1PNB-02 - Construct	7	15-Mar-15	22-Mar-15
DRT.2D.D2P1B02-03	DRAFT TUBE - UNIT 2: LIFT D2P1B-02 - Construct	7	21-Mar-15	28-Mar-15
DRT.2D.D2PNB02-03	DRAFT TUBE - UNIT 2: LIFT D2PNB-02 - Construct	7	21-Mar-15	28-Mar-15
DRT.1D.D1P1B03-03	DRAFT TUBE - UNIT 1: LIFT D1P1B-03 - Construct	6	23-Mar-15	29-Mar-15
DRT.1D.D1PNB03-03	DRAFT TUBE - UNIT 1: LIFT D1PNB-03 - Construct	7	24-Mar-15	30-Mar-15
DRT.2D.D2PSB01-03	DRAFT TUBE - UNIT 2: LIFT D2PSB-01 - Construct	7	24-Mar-15	30-Mar-15



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

Activity ID	Activity Name	Original Duration	Start	Finish
SOUTH SERVICE BAY		78	13-Jan-15	01-Apr-15
Astaldi - Execution Work		78	13-Jan-15	01-Apr-15
SSB.DS.SBB1B00-03	SOUTH SERVICE BAY: LIFT SBB1B-00 - Construct	10	13-Jan-15	24-Jan-15
SSB.US.SBB1A00-03	SOUTH SERVICE BAY: LIFT SBB1A-00 - Construct	7	18-Jan-15	25-Jan-15
SSB.DS.SBL1A01-03	SOUTH SERVICE BAY: LIFT SBL1A-01 - Construct	14	28-Jan-15	11-Feb-15
SSB.US.SBU1A01-03	SOUTH SERVICE BAY: LIFT SBU1A-01 - Construct	8	28-Jan-15	05-Feb-15
SSB.SL.SBB1A18-03	SOUTH SERVICE BAY: LIFT SBB1A-18 - Construct	8	01-Feb-15	19-Feb-15
SSB.SL.SBB1B18-03	SOUTH SERVICE BAY: LIFT SBB1B-18 - Construct	2	01-Feb-15	05-Feb-15
SSB.SL.SBBNA18-03	SOUTH SERVICE BAY: LIFT SBBNA-18 - Construct	2	01-Feb-15	05-Feb-15
SSB.SL.SBBNB18-03	SOUTH SERVICE BAY: LIFT SBBNB-18 - Construct	2	01-Feb-15	05-Feb-15
SSB.SL.SBBNC18-03	SOUTH SERVICE BAY: LIFT SBBNC-18 - Construct	2	01-Feb-15	05-Feb-15
SSB.SL.SBBSA18-03	SOUTH SERVICE BAY: LIFT SBBSA-18 - Construct	4	01-Feb-15	11-Feb-15
SSB.SL.SBBSB18-03	SOUTH SERVICE BAY: LIFT SBBSB-18 - Construct	2	01-Feb-15	05-Feb-15
SSB.US.SBU1A02-03	SOUTH SERVICE BAY: LIFT SBU1A-02 - Construct	10	08-Feb-15	18-Feb-15
SSB.DS.SBL1A02-03	SOUTH SERVICE BAY: LIFT SBL1A-02 - Construct	10	15-Feb-15	25-Feb-15
SSB.SL.SBB1A19-03	SOUTH SERVICE BAY: LIFT SBB1A-19 - Construct	10	17-Feb-15	04-Mar-15
SSB.SL.SBB2C19-03	SOUTH SERVICE BAY: LIFT SBB2C-19 - Construct	2	19-Feb-15	23-Feb-15
SSB.US.SBU1A03-03	SOUTH SERVICE BAY: LIFT SBU1A-03 - Construct	6	22-Feb-15	03-Mar-15
SSB.DS.SBL1A03-03	SOUTH SERVICE BAY: LIFT SBL1A-03 - Construct	9	27-Feb-15	08-Mar-15
SSB.SL.SBB2B19-03	SOUTH SERVICE BAY: LIFT SBB2B-19 - Construct	8	04-Mar-15	14-Mar-15
SSB.US.SBU1A04-03	SOUTH SERVICE BAY: LIFT SBU1A-04 - Construct	11	06-Mar-15	16-Mar-15
SSB.DS.SBLSA04-03	SOUTH SERVICE BAY: LIFT SBLSA-04 - Construct	6	10-Mar-15	16-Mar-15
SSB.SL.SBB1B19-03	SOUTH SERVICE BAY: LIFT SBB1B-19 - Construct	8	14-Mar-15	24-Mar-15
SSB.SL.SBBNA19-03	SOUTH SERVICE BAY: LIFT SBBNA-19 - Construct	7	14-Mar-15	22-Mar-15
SSB.SL.SBBNC19-03	SOUTH SERVICE BAY: LIFT SBBNC-19 - Construct	7	14-Mar-15	22-Mar-15
SSB.SL.SBBSA19-03	SOUTH SERVICE BAY: LIFT SBBSA-19 - Construct	6	14-Mar-15	21-Mar-15
SSB.SL.SBBSC19-03	SOUTH SERVICE BAY: LIFT SBBSC-19 - Construct	6	14-Mar-15	21-Mar-15
SSB.DS.SBLSA05-03	SOUTH SERVICE BAY: LIFT SBLSA-05 - Construct	8	16-Mar-15	24-Mar-15
SSB.DS.SBLSB05-03	SOUTH SERVICE BAY: LIFT SBLSB-05 - Construct	6	16-Mar-15	22-Mar-15
SSB.DS.SBLNA04-03	SOUTH SERVICE BAY: LIFT SBLNA-04 - Construct	6	16-Mar-15	22-Mar-15
SSB.US.SBU1A05-03	SOUTH SERVICE BAY: LIFT SBU1A-05 - Construct	11	19-Mar-15	30-Mar-15
SSB.SL.SBB1C19-03	SOUTH SERVICE BAY: LIFT SBB1C-19 - Construct	9	21-Mar-15	01-Apr-15
SSB.SL.SBBNB19-03	SOUTH SERVICE BAY: LIFT SBBNB-19 - Construct	7	22-Mar-15	31-Mar-15
SSB.SL.SBW1A20-03	SOUTH SERVICE BAY: LIFT SBW1A-20 - Construct	6	22-Mar-15	30-Mar-15
SSB.DS.SBLNA05-03	SOUTH SERVICE BAY: LIFT SBLNA-05 - Construct	6	22-Mar-15	28-Mar-15
SSB.DS.SBLNB05-03	SOUTH SERVICE BAY: LIFT SBLNB-05 - Construct	6	22-Mar-15	28-Mar-15
SSB.SL.SBBSB19-03	SOUTH SERVICE BAY: LIFT SBBSB-19 - Construct	6	24-Mar-15	31-Mar-15
SSB.SL.SBWSC20-03	SOUTH SERVICE BAY: LIFT SBWSC-20 - Construct	6	24-Mar-15	31-Mar-15
SSB.DS.SBLSA06-03	SOUTH SERVICE BAY: LIFT SBLSA-06 - Construct	8	24-Mar-15	31-Mar-15
POWERHOUSE		142	15-Oct-14 A	25-Mar-15
Final Rock clean-up & Scaling (Foundations Preparation)		85	15-Oct-14 A	26-Jan-15
MOB.IC.FinalRo-03	SOUTH SERVICE BAY - Foundations preparation at +15.20m	7	15-Oct-14 A	16-Jan-15
MOB.IC.FinalRo-02	SOUTH SERVICE BAY - Foundations preparation at -21.50m and -20.30m	7	26-Oct-14 A	11-Jan-15
MOB.IC.FinalRo-01	SOUTH SERVICE BAY - Foundations preparation at -33.60m	9	05-Jan-15	13-Jan-15
MOB.IC.FinalRo-08	Powerhouse Substructure, South Service Bay - Overbreak Concrete at -33.60m	7	07-Jan-15	13-Jan-15
MOB.IC.FinalRo-11	Powerhouse Substructure, South Service Bay - Overbreak Concrete at -21.50m and -20.30m	7	12-Jan-15	18-Jan-15
MOB.IC.FinalRo-04	DRAFT TUBE - Foundations preparation for Bay 1	9	16-Jan-15	25-Jan-15
MOB.IC.FinalRo-05	DRAFT TUBE - Foundations preparation for Bay 2	10	16-Jan-15	26-Jan-15
Astaldi - Execution Work		0	25-Mar-15	25-Mar-15
PWH.09.General-10	I21 - INTAKE UNIT 2 - PRIMARY ANCHORS DELIVERED TO SITE	0	25-Mar-15*	



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone

Contract: CH0007
Construction of Intake, Powerhouse, Spillways and Transition Dams
Construction Monthly Progress Table

Lower Churchil Project - Muskrat Falls

NALCOR

Astaldi Canada Inc.

Current Reporting Data Date:	28-Dec-14
Previous Reporting Period End:	23-Nov-14
Current Reporting Period Cut Off	27-Dec-14

Construction Progress Table through Dec 28 2014

Area	Man-Hrs		Estimated Weight (%)	Cumulative (%)			Incremental (%)			Previous (%)		
	Budget	Prog. Base		Plan	Earned	Actual	Plan	Earned	Actual	Plan	Earned	Actual
Powerhouse (1)	1,289,161	1,289,161	42.0%	6.6%	0.0%	1.1%	3.4%	0.0%	0.2%	3.2%	0.0%	0.9%
Spillway (2)	517,584	517,584	16.9%	59.9%	22.5%	64.7%	13.0%	2.6%	7.6%	46.9%	19.9%	57.1%
Intake	983,329	983,329	32.0%	4.6%	1.0%	4.5%	2.3%	0.1%	0.2%	2.3%	0.9%	4.3%
Dams (3)	281,012	281,012	9.2%	35.4%	10.3%	39.4%	7.3%	1.3%	6.2%	28.1%	9.1%	33.2%
TOTAL CONSTRUCTION	**3,071,086**	**3,071,086**	**100.0%**	**17.6%**	**5.0%**	**16.4%**	**5.0%**	**0.6%**	**2.0%**	**12.6%**	**4.5%**	**14.4%**

Productivity

Area	Man-Hrs		Cumulative Hrs			Incremental Hrs			SPI		CPI	
	Budget	Prog. Base	Plan	Earned	Actual	Plan	Earned	Actual	Period	Cummulative	Period	Cummulative
Powerhouse (1)	1,289,161	1,289,161	85,638	428	14,743	43,944	71	2,773	0.00	0.00	0.03	0.03
Spillway (2)	517,584	517,584	309,845	116,237	334,790	67,281	13,360	39,448	0.20	0.38	0.34	0.35
Intake	983,329	983,329	45,200	9,345	43,762	22,249	684	1,713	0.03	0.21	0.40	0.21
Dams (3)	281,012	281,012	99,434	28,980	110,678	20,427	3,527	17,292	0.17	0.29	0.20	0.26
TOTAL CONSTRUCTION	**3,071,086**	**3,071,086**	**540,117**	**154,990**	**503,973**	**153,901**	**17,642**	**61,226**	**0.11**	**0.29**	**0.29**	**0.31**

Concrete Quantities

Area	Unit	Quantity		Cumulative		Incremental		Previous	
		Budget	Prog. Base	Plan	Earned	Plan	Earned	Plan	Earned
Powerhouse (1)	**M3**	167,114	167,114	11,490	0	6,191	0	5,299	0
Spillway (2)	**M3**	76,481	76,481	40,075	21,613	6,896	1,690	33,179	19,923
Intake	**M3**	147,951	147,951	5,505	930	2,714	0	2,791	930
Dams (3)	**M3**	59,280	59,280	19,451	6,076	4,636	787	14,815	5,289
TOTAL CONSTRUCTION	**M3**	**450,826**	**450,826**	**76,521**	**28,619**	**20,437**	**2,477**	**56,084**	**26,142**

Construction Manpower

Area	On Site Direct Manpower
	Equiv. Plan*
Powerhouse (1)	147
Spillway (2)	224
Intake	74
Dams (3)	68
TOTAL	**513**

Notes:

*Mnahours assumed per month per person: 300

(1) Includes Draft Tube, Tailrace, South Service Bay and North Service Bay

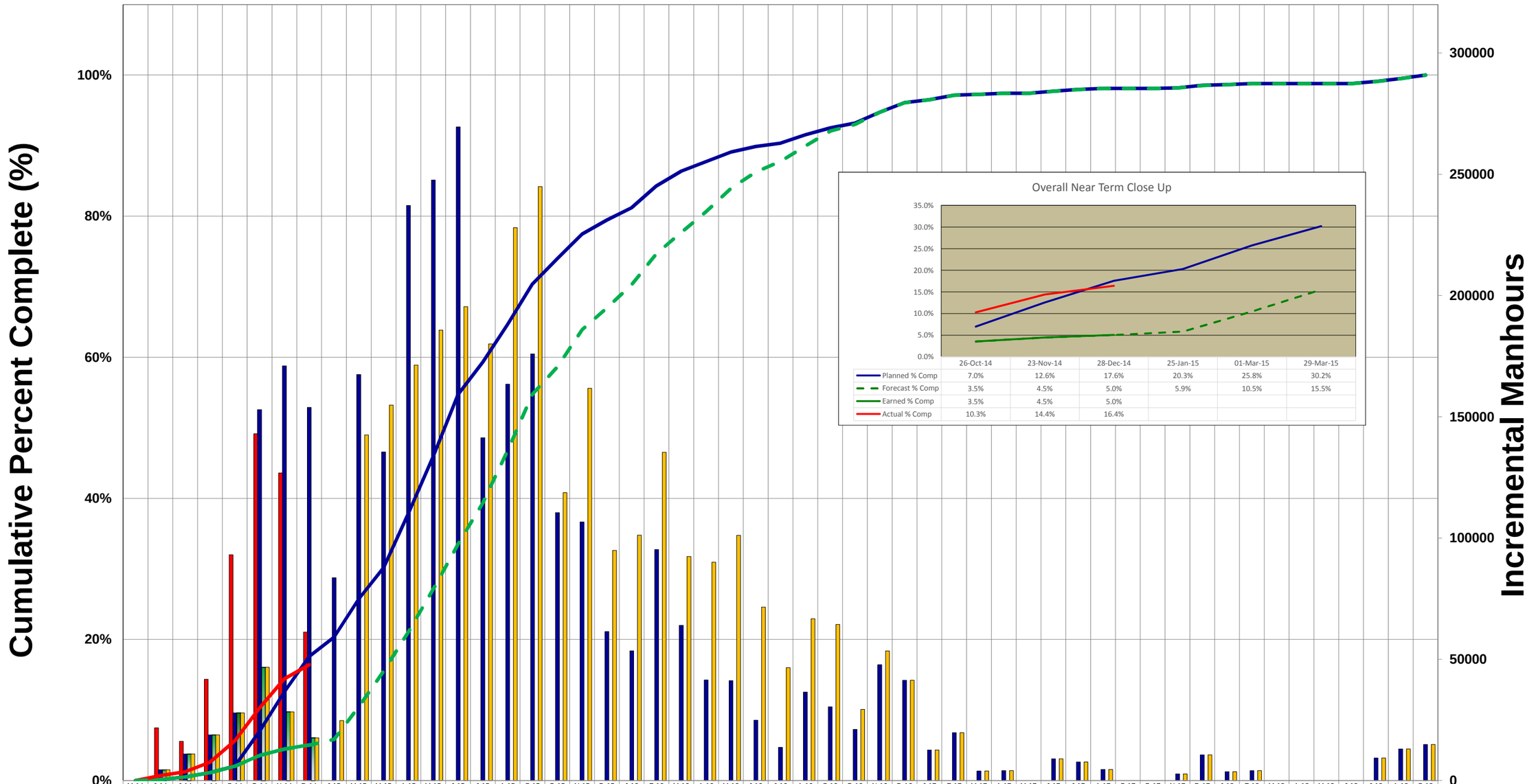
(2) Includes Retaining Wall and Discharge Channel Ph 1, 2 & 3

(3) Includes South Transition Dam, Centre Transition Dam, North Transition Dam and Separation Wall

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Overall Progress Curve & Manpower Histogram

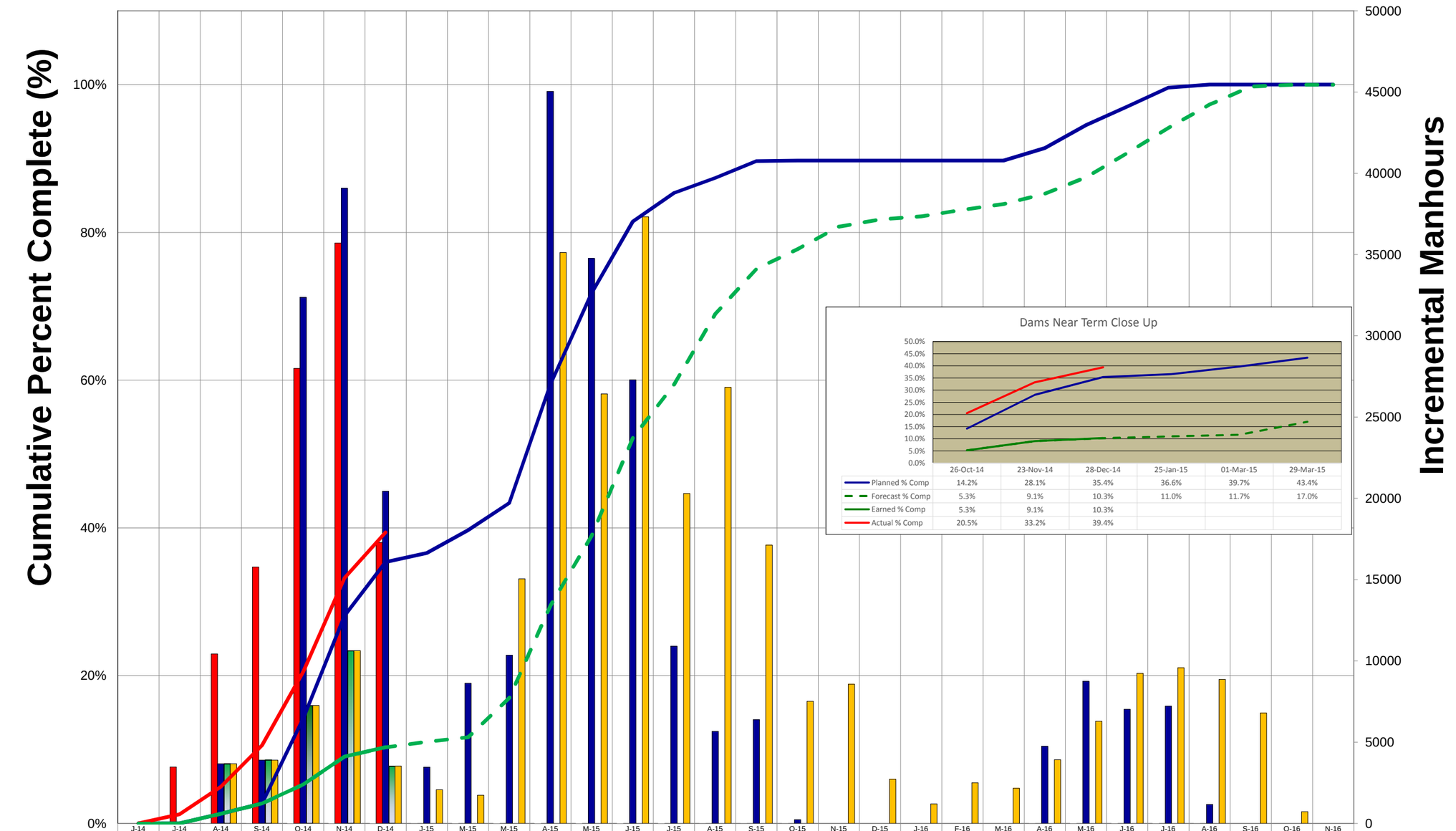


	M-14	J-14	J-14	A-14	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	J-17	J-17	A-17	S-17	O-17	N-17	D-17	J-18	F-18	M-18	A-18	M-18	J-18	J-18	A-18	S-18
Planned MP - Inc	0	0	0	0	0	0	570	513	279	558	452	790	825	898	471	545	586	368	355	205	178	318	213	138	137	83	46	122	101	70	159	138	42	66	13	14	0	30	26	15	0	0	9	35	12	14	0	0						
Actual Hrs - Inc	0	21786	16201	41761	93109	143044	126846	61226																																								0						
Plan Hrs - Inc	106	4419	10991	18834	27918	152914	170985	153900	83614	167418	135491	237111	247613	269460	141370	163478	175918	110474	106593	61457	53468	95282	64008	41469	41188	24872	13702	36472	30438	21077	47757	41332	12573	19781	3965	4097	0	8934	7701	4560	0	0	2725	10587	3694	4084	0	0	0	0	9299	13011	14899
Earned Hrs Inc	106	4419	10991	18834	27920	46675	28354	17642																																								0						
Forecast Hrs - Inc	106	4419	10991	18834	27920	46675	28354	17642	24741	142546	154839	171314	185716	195401	180052	227967	244892	118689	161726	94902	101206	135356	92356	90042	101113	71522	46596	66695	64374	29339	53423	41376	12579	19781	3964	4097	0	8933	7701	4559	0	0	2725	10586	3694	4083	0	0	0	0	9299	13011	14899
Plan % Comp- Cum	0.0%	0.1%	0.5%	1.1%	2.0%	7.0%	12.6%	17.6%	20.3%	25.8%	30.2%	37.9%	46.0%	54.7%	59.3%	64.7%	70.4%	74.0%	77.5%	79.5%	81.2%	84.3%	86.4%	87.7%	89.1%	89.9%	90.3%	91.5%	92.5%	93.2%	94.7%	96.1%	96.5%	97.1%	97.3%	97.4%	97.4%	97.7%	98.0%	98.1%	98.1%	98.1%	98.2%	98.5%	98.7%	98.8%	98.8%	98.8%	98.8%	98.8%	98.8%	99.1%	99.5%	100.0%
Earned % Comp- Cum	0.0%	0.1%	0.5%	1.1%	2.0%	3.5%	4.5%	5.0%																																								0						
Actual % Comp- Cum	0.0%	0.7%	1.2%	2.6%	5.6%	10.3%	14.4%	16.4%																																								0						
Forecast % Comp- Cum	0.0%	0.1%	0.5%	1.1%	2.0%	3.5%	4.5%	5.0%	5.9%	10.5%	15.5%	21.1%	27.2%	33.5%	39.4%	46.8%	54.8%	58.6%	63.9%	67.0%	70.3%	74.7%	77.7%	80.6%	83.9%	86.3%	87.8%	90.0%	92.1%	93.0%	94.7%	96.1%	96.5%	97.1%	97.3%	97.4%	97.4%	97.7%	98.0%	98.1%	98.1%	98.1%	98.2%	98.5%	98.7%	98.8%	98.8%	98.8%	98.8%	98.8%	98.8%	99.1%	99.5%	100.0%

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Dams Progress Curve & Manpower Histogram

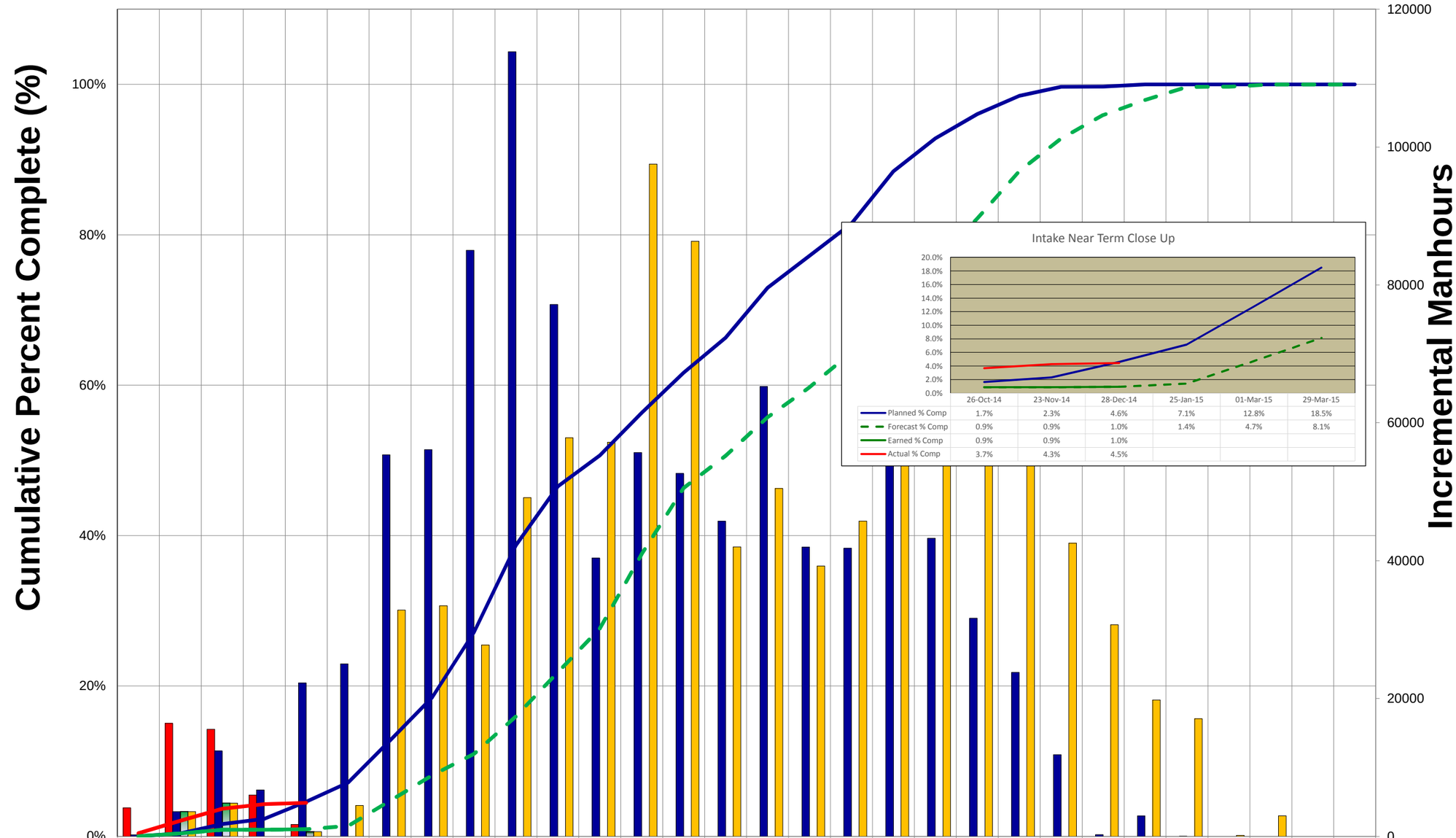


	J-14	J-14	A-14	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16
Planned MP Inc	0	0	12	13	108	130	68	12	29	34	150	116	91	36	19	21	1	0	0	0	0	0	16	29	23	24	4	0	0	0
Actual Hrs - Inc	0	3474	10433	15776	28004	35699	17292																							
Plan Hrs - Inc	0	0	3672	3901	32359	39075	20427	3452	8627	10343	45046	34755	27299	10898	5667	6381	229	0	0	0	0	0	4741	8742	7019	7212	1170	0	0	0
Earned Hrs Inc	0	0	3672	3901	7254	10626	3527																							
Forecast Hrs - Inc	0	0	3672	3901	7254	10626	3527	2065	1738	15052	35119	26428	37332	20290	26825	17125	7517	8562	2720	1197	2505	2164	3919	6294	9232	9571	8859	6793	724	0
Plan % Comp- Cum	0.0%	0.0%	1.3%	2.7%	14.2%	28.1%	35.4%	36.6%	39.7%	43.4%	59.4%	71.8%	81.5%	85.4%	87.4%	89.6%	89.7%	89.7%	89.7%	89.7%	89.7%	89.7%	91.4%	94.5%	97.0%	99.6%	100.0%	100.0%	100.0%	100.0%
Earned % Comp- Cum	0.0%	0.0%	1.3%	2.7%	5.3%	9.1%	10.3%																							
Actual % Comp- Cum	0.0%	1.2%	4.9%	10.6%	20.5%	33.2%	39.4%																							
Forecast % Comp- Cum	0.0%	0.0%	1.3%	2.7%	5.3%	9.1%	10.3%	11.0%	11.7%	17.0%	29.5%	38.9%	52.2%	59.4%	69.0%	75.1%	77.7%	80.8%	81.8%	82.2%	83.1%	83.8%	85.2%	87.5%	90.8%	94.2%	97.3%	99.7%	100.0%	100.0%

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Intake Progress Curve & Manpower Histogram

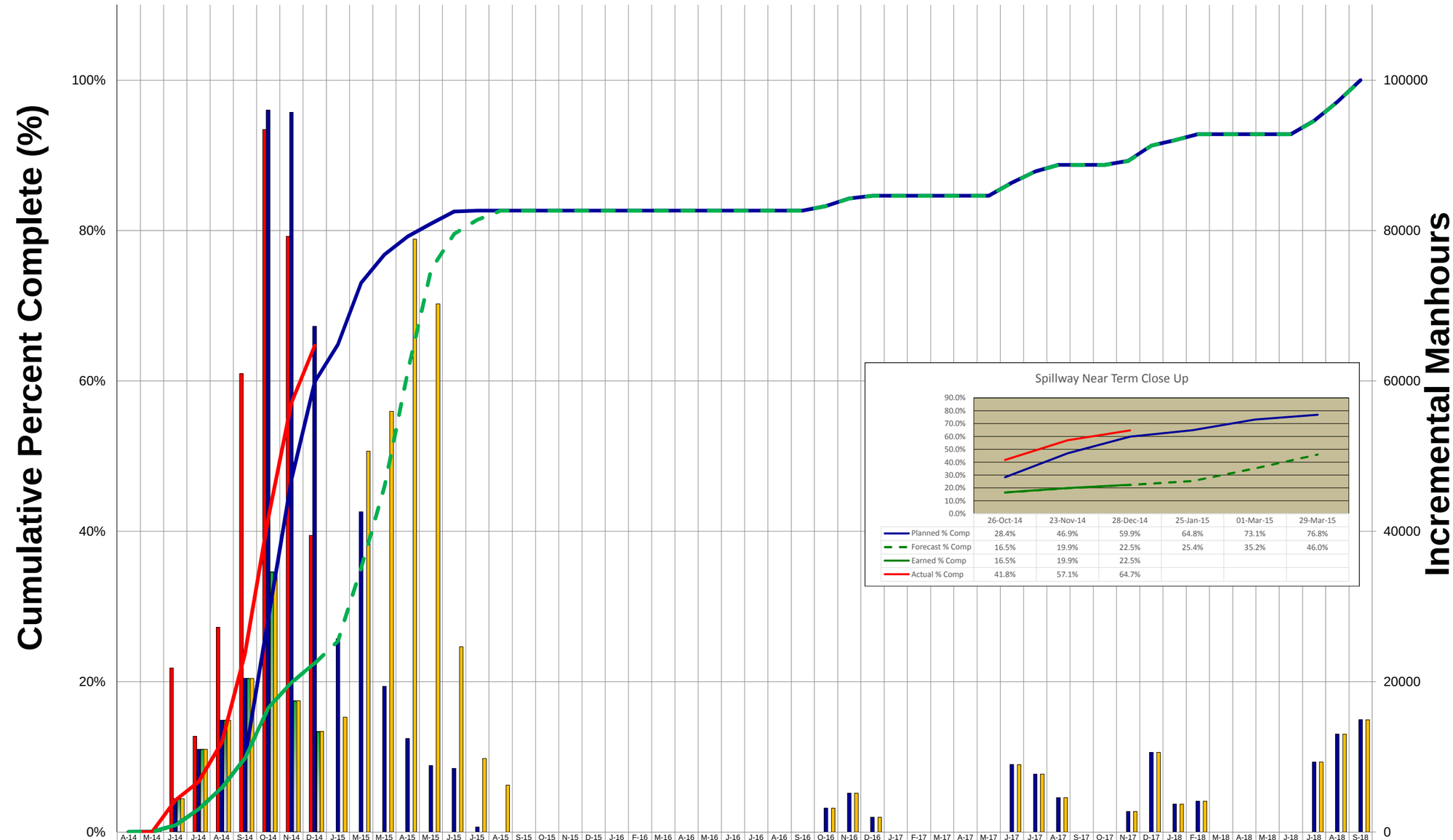


	A-14	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16	D-16	J-17
Actual Hrs - Inc	4117	16397	15536	5999	1713																									
Plan Hrs - Inc	228	3601	12397	6725	22249	25033	55350	56113	85033	113837	77178	40379	55685	52621	45706	65242	41939	41777	68474	43266	31649	23794	11842	244	2966	2	0	0	0	0
Earned Hrs Inc	228	3601	4832	0	684																									
Forecast Hrs - Inc	228	3601	4832	0	684	4479	32837	33440	27764	49121	57805	57174	97530	86345	42010	50477	39224	45743	62243	54150	58512	61930	42534	30698	19792	17071	137	2968	0	0
Plan % Comp- Cum	0.0%	0.4%	1.7%	2.3%	4.6%	7.1%	12.8%	18.5%	27.1%	38.7%	46.6%	50.7%	56.3%	61.7%	66.3%	73.0%	77.2%	81.5%	88.4%	92.8%	96.0%	98.5%	99.7%	99.7%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Earned % Comp- Cum	0.0%	0.4%	0.9%	0.9%	1.0%																									
Actual % Comp- Cum	0.4%	2.1%	3.7%	4.3%	4.5%																									
Forecast % Comp- Cum	0.0%	0.4%	0.9%	0.9%	1.0%	1.4%	4.7%	8.1%	11.0%	16.0%	21.8%	27.7%	37.6%	46.4%	50.6%	55.8%	59.8%	64.4%	70.7%	76.2%	82.2%	88.5%	92.8%	95.9%	97.9%	99.7%	99.7%	100.0%	100.0%	100.0%
Planned MP - Inc	1	12	41	22	74	83	185	187	283	379	257	135	186	175	152	217	140	139	228	144	105	79	39	1	10	0	0	0	0	0

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Spillway Progress Curve & Manpower Histogram



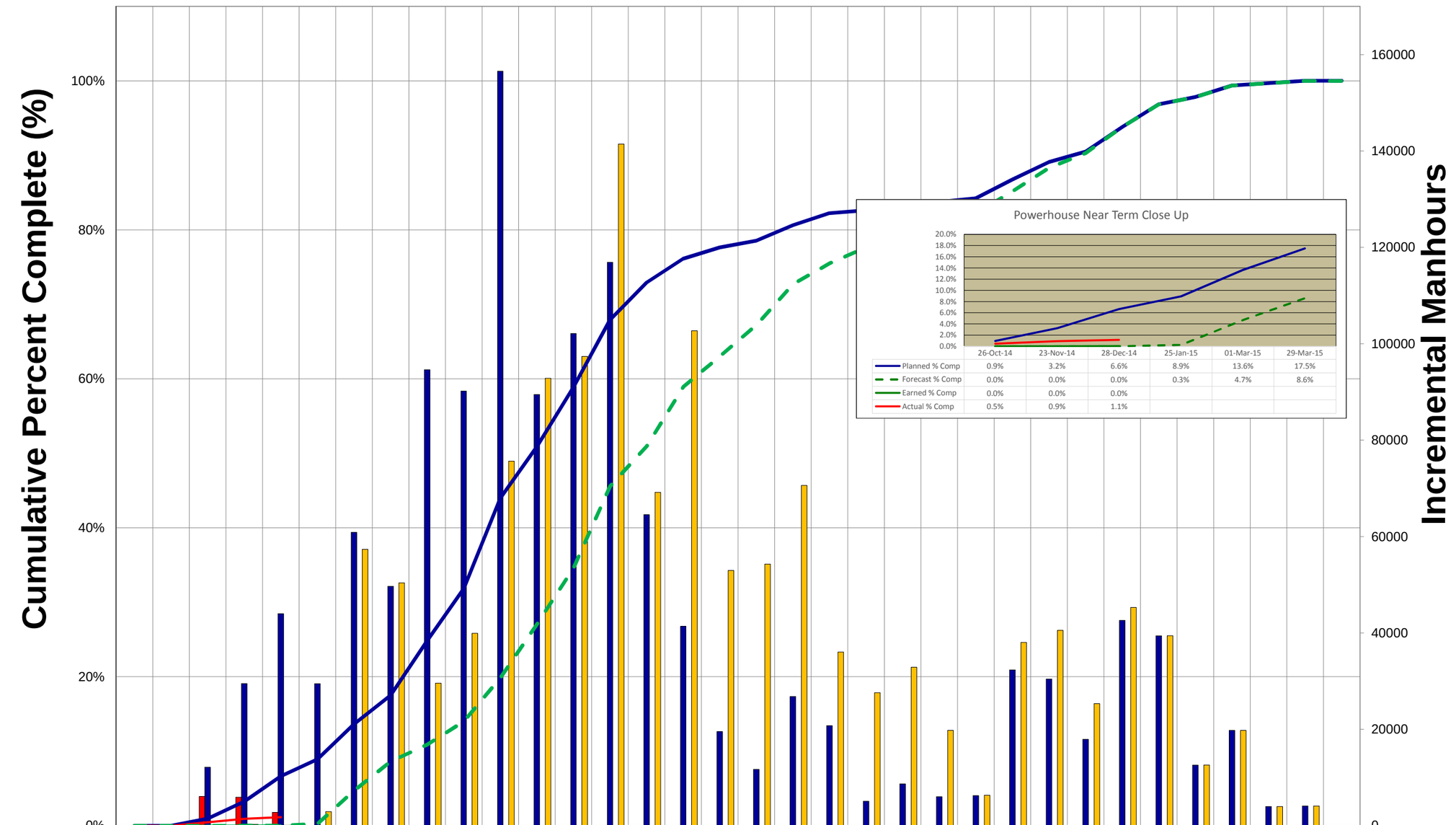
	26-Oct-14	23-Nov-14	28-Dec-14	25-Jan-15	01-Mar-15	29-Mar-15
Planned % Comp	28.4%	46.9%	59.9%	64.8%	73.1%	76.8%
Forecast % Comp	16.5%	19.9%	22.5%	25.4%	35.2%	46.0%
Earned % Comp	16.5%	19.9%	22.5%			
Actual % Comp	41.8%	57.1%	64.7%			

	A-14	M-14	J-14	J-14	A-14	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	J-17	J-17	A-17	S-17	O-17	N-17	D-17	J-18	F-18	M-18	A-18	M-18	J-18	J-18	A-18	S-18
Planned MP - Inc	0	0	15	37	50	68	320	319	224	86	142	65	41	29	28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	17	7	0	0	0	0	0	30	26	15	0	0	9	35	12	14	0	0						
Actual Hrs - Inc	0	0	21786	12727	27211	60936	93451	79231	39448																																									0					
Plan Hrs - Inc	49	106	4419	10991	14869	20411	96014	95705	67281	25696	42591	19363	12441	8828	8455	627	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3148	5156	1950	0	0	0	0	0	8934	7701	4560	0	0	2725	10587	3694	4084	0	0	0	0	9299	13011	14899
Earned Hrs Inc	49	106	4419	10991	14869	20411	34589	17443	13360																																									0					
Forecast Hrs - Inc	49	106	4419	10991	14869	20411	34589	17443	13360	15271	50631	55952	78850	70263	24631	9768	6236	0	0	0	0	0	0	0	0	0	0	0	0	0	3148	5155	1950	0	0	0	0	0	8933	7701	4559	0	0	2725	10586	3694	4083	0	0	0	0	9299	13011	14899
Plan % Comp- Cum	0.0%	0.0%	0.9%	3.0%	5.9%	9.8%	28.4%	46.9%	59.9%	64.8%	73.1%	76.8%	79.2%	80.9%	82.5%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	83.3%	84.3%	84.6%	84.6%	84.6%	84.6%	84.6%	84.6%	86.4%	87.9%	88.7%	88.7%	88.7%	89.3%	91.3%	92.0%	92.8%	92.8%	92.8%	92.8%	92.8%	94.6%	97.1%	100.0
Earned % Comp- Cum	0.0%	0.0%	0.9%	3.0%	5.9%	9.8%	16.5%	19.9%	22.5%																																									0					
Actual % Comp- Cum	0.0%	0.0%	4.2%	6.7%	11.9%	23.7%	41.8%	57.1%	64.7%																																								0					
Forecast % Comp- Cum	0.0%	0.0%	0.9%	3.0%	5.9%	9.8%	16.5%	19.9%	22.5%	25.4%	35.2%	46.0%	61.2%	74.8%	79.6%	81.5%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	82.7%	83.3%	84.3%	84.6%	84.6%	84.6%	84.6%	84.6%	84.6%	86.4%	87.9%	88.7%	88.7%	88.7%	89.3%	91.3%	92.0%	92.8%	92.8%	92.8%	92.8%	92.8%	94.6%	97.1%	100.0

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Powerhouse Progress Curve & Manpower Histogram



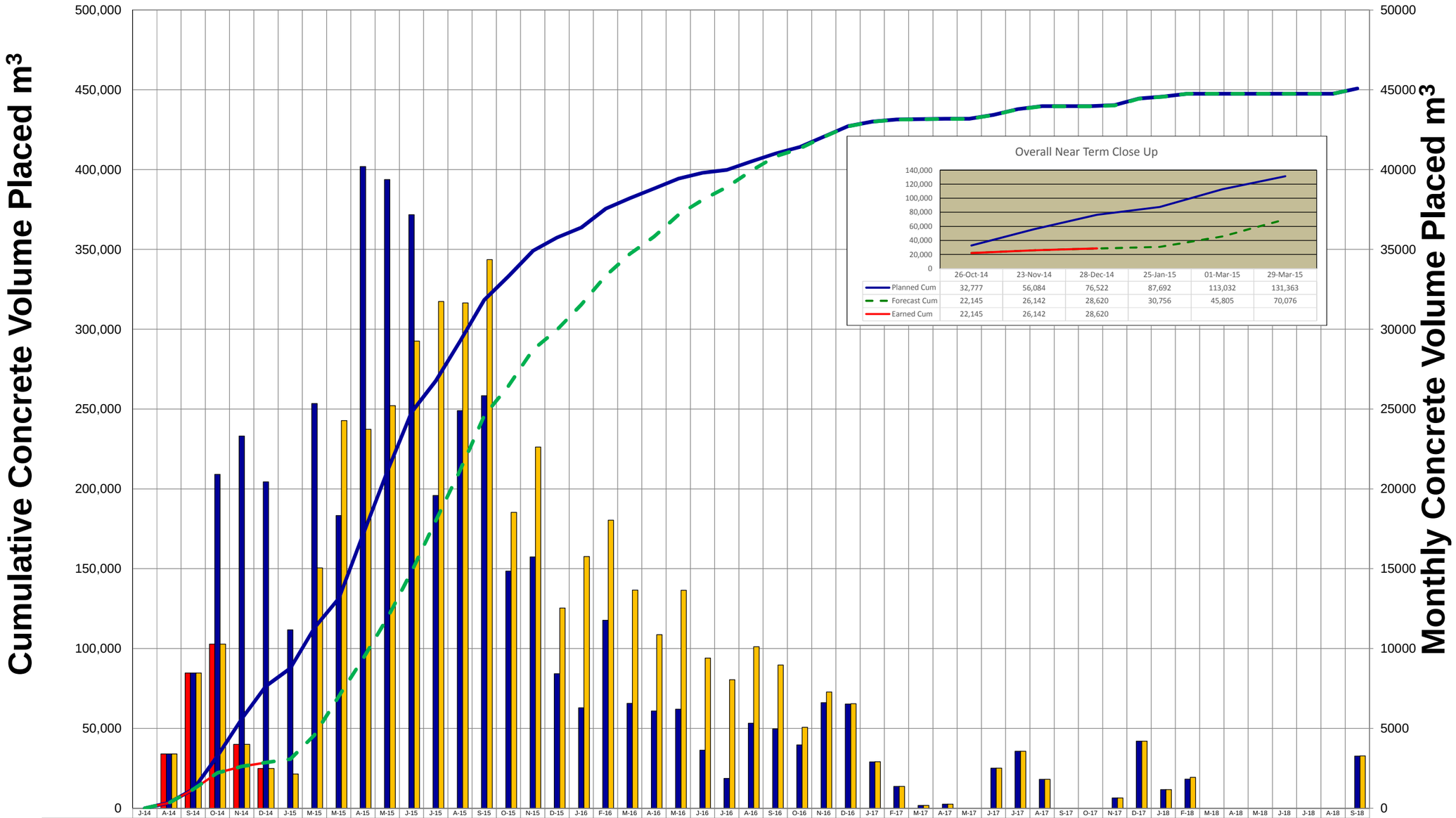
	26-Oct-14	23-Nov-14	28-Dec-14	25-Jan-15	01-Mar-15	29-Mar-15
Planned % Comp	0.9%	3.2%	6.6%	8.9%	13.6%	17.5%
Forecast % Comp	0.0%	0.0%	0.0%	0.3%	4.7%	8.6%
Earned % Comp	0.0%	0.0%	0.0%			
Actual % Comp	0.5%	0.9%	1.1%			

	A-14	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17
Planned MP - Inc	0	0	40	98	146	98	203	166	315	301	522	298	340	390	215	138	65	39	89	69	17	29	20	21	108	101	60	142	131	42	66	13	14	0
Actual Hrs - Inc	0	0	6053	5917	2773																													
Plan Hrs - Inc	65	7	12143	29479	43944	29433	60850	49672	94593	90194	156528	89467	102125	116915	64538	41353	19518	11691	26808	20741	5080	8652	6011	6249	32335	30437	17930	42601	39382	12573	19781	3965	4097	0
Earned Hrs Inc	65	7	0	285	71																													
Forecast Hrs - Inc	65	7	0	285	71	2926	57340	50396	29580	39903	75633	92820	97377	141422	69162	102687	52959	54265	70608	36042	27611	32888	19757	6327	38044	40510	25329	45301	39425	12580	19781	3964	4096	0
Plan % Comp- Cum	0.0%	0.0%	0.9%	3.2%	6.6%	8.9%	13.6%	17.5%	24.8%	31.8%	44.0%	50.9%	58.8%	67.9%	72.9%	76.1%	77.6%	78.5%	80.6%	82.2%	82.6%	83.3%	83.8%	84.2%	86.8%	89.1%	90.5%	93.8%	96.9%	97.8%	99.4%	99.7%	100.0%	100.0%
Earned % Comp- Cum	0.0%	0.0%	0.0%	0.0%	0.0%																													
Actual % Comp- Cum	0.0%	0.0%	0.5%	0.9%	1.1%																													
Forecast % Comp- Cum	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	4.7%	8.6%	10.9%	14.0%	19.9%	27.1%	34.6%	45.6%	51.0%	58.9%	63.0%	67.2%	72.7%	75.5%	77.7%	80.2%	81.7%	82.2%	85.2%	88.3%	90.3%	93.8%	96.9%	97.8%	99.4%	99.7%	100.0%	100.0%

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Overall Concrete Curve

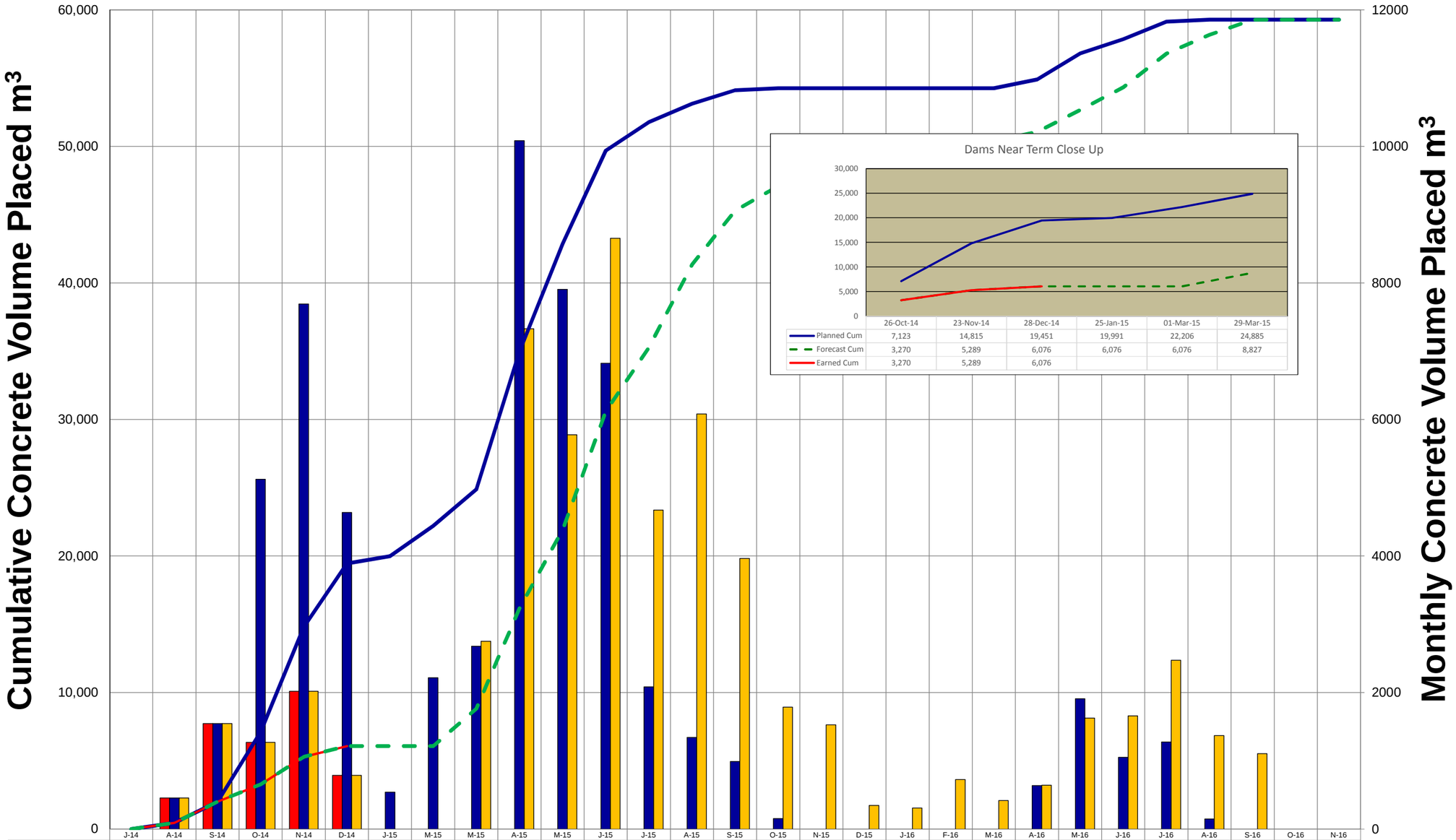


	J-14	A-14	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	J-17	J-17	A-17	S-17	O-17	N-17	D-17	J-18	F-18	M-18	A-18	M-18	J-18	J-18	A-18	S-18
Earned Conc - Inc	0	3400	8470	10275	3997	2478																																						0						
Plan Conc - Inc	0	3400	8470	20907	23307	20438	11170	25340	18331	40192	39377	37173	19588	24904	25836	14852	15733	8421	6283	11762	6560	6091	6193	3632	1863	5320	4960	3963	6605	6518	2900	1363	173	249	0	2506	3563	1810	0	0	642	4201	1162	1811	0	0	0	0	0	0	3263
Forecast Conc - Inc	0	3400	8470	10275	3997	2478	2136	15049	24271	23736	25215	29253	31732	31650	34361	18528	22617	12530	15758	18041	13657	10871	13650	9396	8039	10106	8969	5068	7276	6538	2901	1364	173	249	0	2506	3563	1809	0	0	642	4201	1161	1928	0	0	0	0	0	0	3268
Plan Conc- Cum	0	3400	11870	32777	56084	76522	87692	113032	131363	171555	210932	248105	267693	292597	318433	333285	349018	357439	363722	375484	382044	388135	394328	397960	399823	405143	410103	414066	420671	427189	430089	431452	431625	431874	431874	434380	437943	439753	439753	439753	440395	444596	445758	447569	447569	447569	447569	447569	447569	447569	450832
Earned Conc- Cum	0	3400	11870	22145	26142	28620																																						0						
Forecast Conc- Cum	0	3400	11870	22145	26142	28620	30756	45805	70076	93812	119027	148280	180012	211662	246023	264551	287168	299698	315456	333497	347154	358025	371675	381071	389110	399216	408185	413253	420529	427067	429968	431332	431505	431754	431754	434260	437823	439632	439632	439632	440274	444475	445636	447564	447564	447564	447564	447564	447564	447564	450832

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Dams Concrete Curve

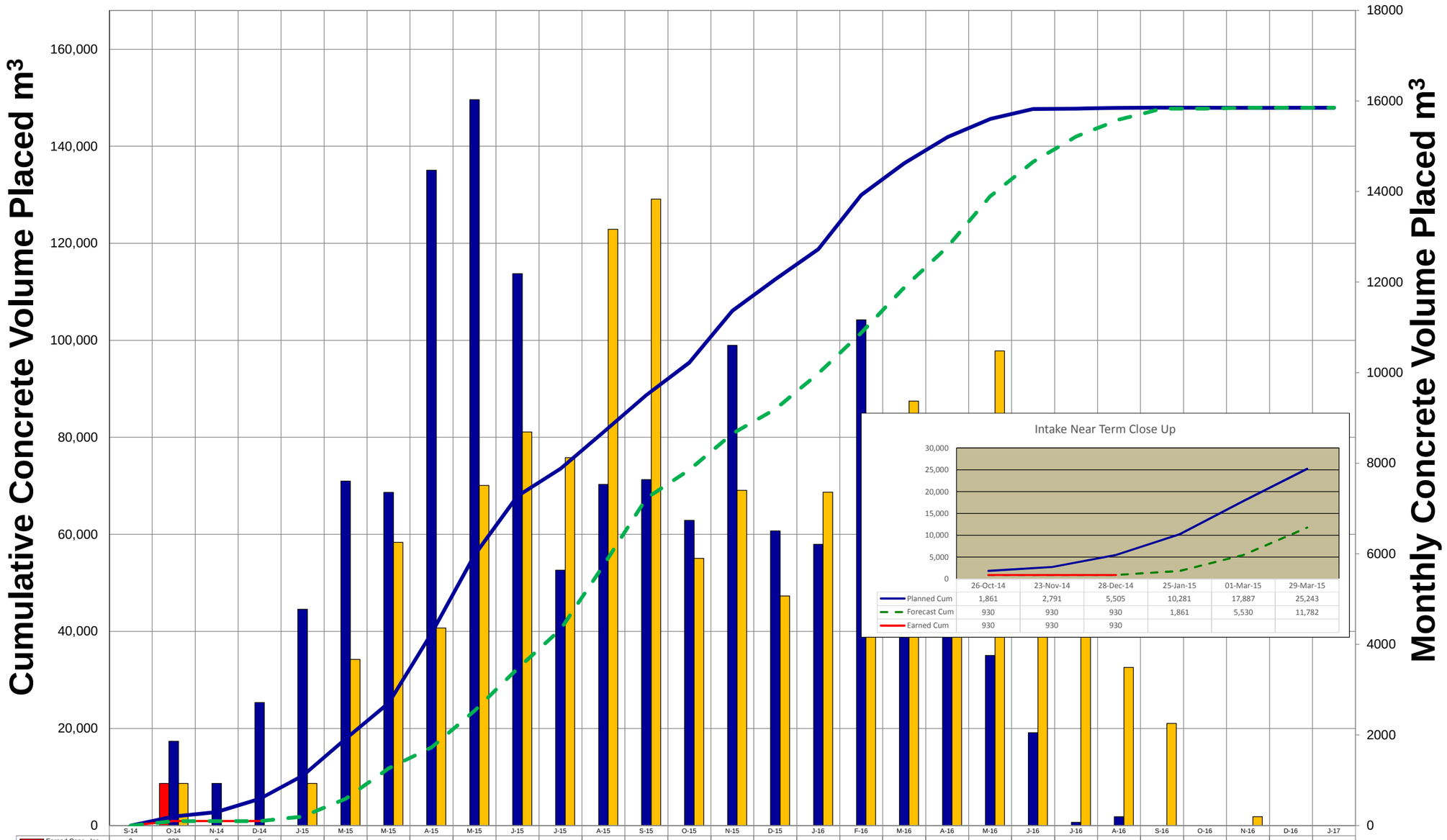


	J-14	A-14	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16
Earned Conc - Inc	0	456	1545	1269	2019	787																							
Plan Conc - Inc	0	456	1545	5122	7692	4636	540	2215	2679	10084	7905	6823	2083	1342	989	153	0	0	0	0	0	637	1909	1051	1275	147	0	0	0
Forecast Conc - Inc	0	456	1545	1269	2019	787	0	0	2751	7329	5776	8654	4673	6081	3963	1786	1527	346	307	724	417	642	1626	1657	2472	1370	1103	0	0
Plan Conc- Cum	0	456	2001	7123	14815	19451	19991	22206	24885	34969	42874	49697	51780	53122	54111	54264	54264	54264	54264	54264	54264	54901	56810	57861	59136	59283	59283	59283	59283
Earned Conc- Cum	0	456	2001	3270	5289	6076																							
Forecast Conc- Cum	0	456	2001	3270	5289	6076	6076	6076	8827	16156	21932	30586	35259	41340	45303	47089	48616	48962	49269	49993	50410	51052	52678	54335	56807	58177	59280	59280	59280

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Intake Concrete Curve



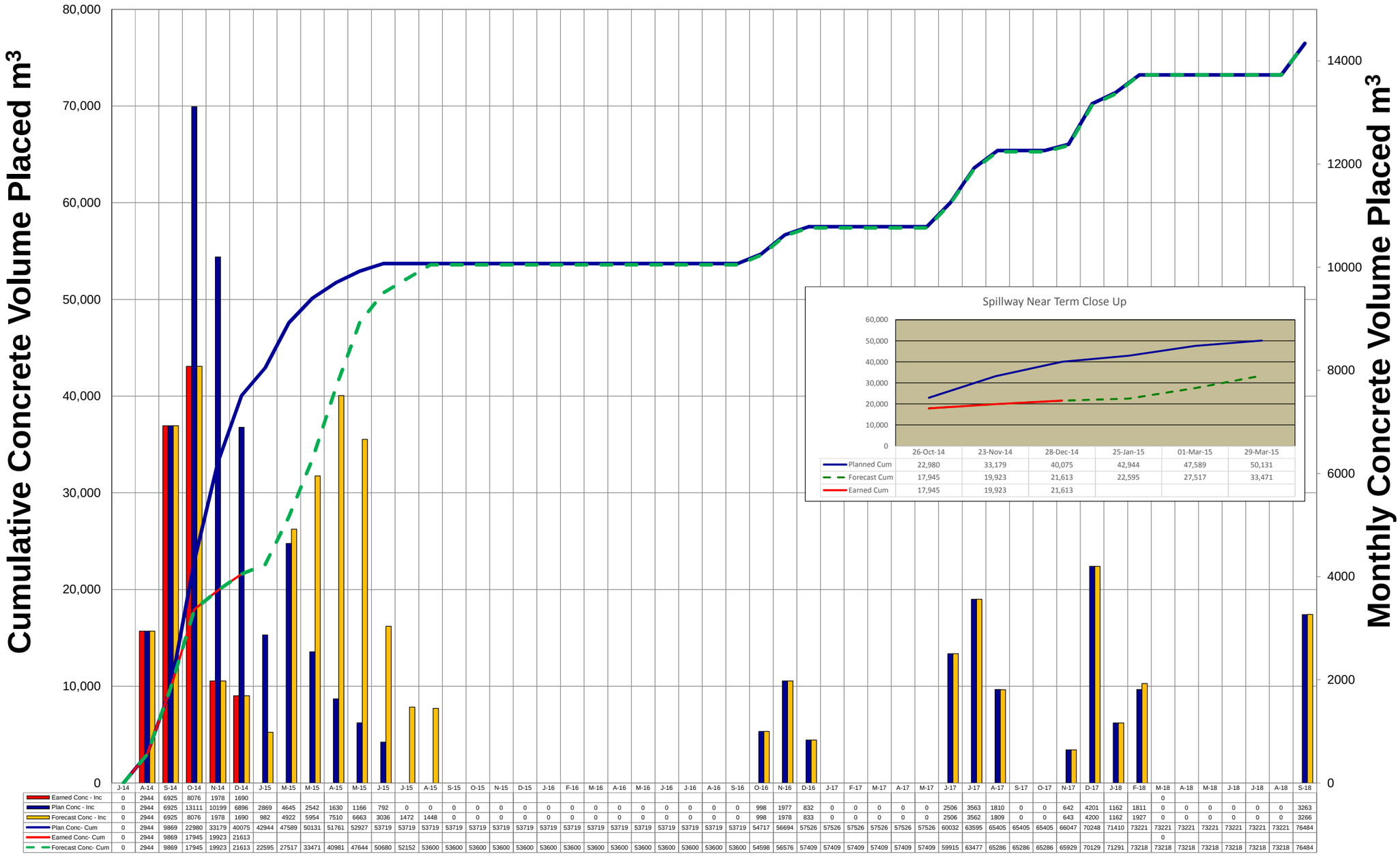
	26-Oct-14	23-Nov-14	28-Dec-14	25-Jan-15	01-Mar-15	29-Mar-15
Planned Cum	1,861	2,791	5,505	10,281	17,887	25,243
Forecast Cum	930	930	930	1,861	5,530	11,782
Earned Cum	930	930	930			

	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16	D-16	J-17
Earned Conc - Inc	0	930	0	0																									
Plan Conc - Inc	0	1861	930	2714	4776	7606	7356	14470	16027	12187	5637	7534	7637	6737	10606	6507	6207	11168	6553	5370	3754	2051	69	193	0	0	0	0	0
Forecast Conc - Inc	0	930	0	0	931	3669	6252	4360	7510	8690	8123	13167	13832	5898	7399	5069	7359	8387	9371	8287	10480	7125	5173	3492	2254	0	193	0	0
Plan Conc- Cum	0	1861	2791	5505	10281	17887	25243	39713	55740	67927	73564	81098	88735	95472	106078	112585	118792	129960	136513	141883	145637	147688	147757	147950	147950	147950	147950	147950	147950
Earned Conc- Cum	0	930	930	930																									
Forecast Conc- Cum	0	930	930	930	1861	5530	11782	16142	23652	32342	40465	53632	67464	73362	80761	85830	93189	101576	110947	119234	129714	136839	142012	145504	147758	147758	147951	147951	147951

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

CH0007 - MFP Construction - Spillway Concrete Curve

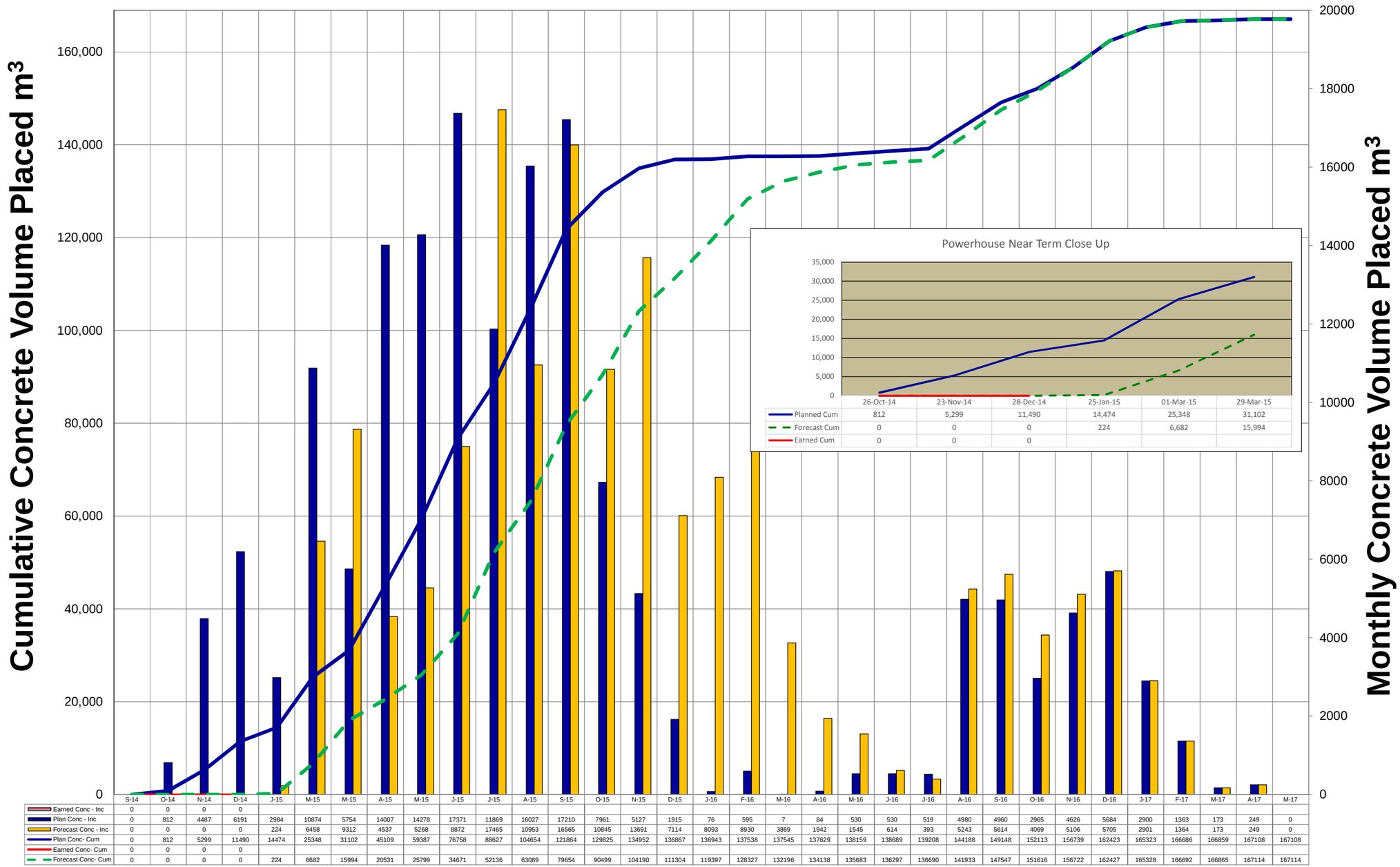


	J-14	A-14	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	J-17	J-17	A-17	S-17	O-17	N-17	D-17	J-18	F-18	M-18	A-18	M-18	J-18	J-18	A-18	S-18
Earned Conc - Inc	0	2944	6925	8076	1978	1690																																						0							
Plan Conc - Inc	0	2944	6925	13111	10199	6896	2869	4645	2542	1630	1166	792	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	998	1977	832	0	0	0	0	0	2506	3563	1810	0	0	642	4201	1162	1811	0	0	0	0	0	0	3263
Forecast Conc - Inc	0	2944	6925	8076	1978	1690	982	4922	5954	7510	6663	3036	1472	1448	0	0	0	0	0	0	0	0	0	0	0	0	0	998	1978	833	0	0	0	0	0	2506	3562	1809	0	0	643	4200	1162	1927	0	0	0	0	0	0	3266
Plan Conc- Cum	0	2944	9869	22980	33179	40075	42944	47589	50131	51761	52927	53719	53719	53719	53719	53719	53719	53719	53719	53719	53719	53719	53719	53719	53719	53719	53719	54717	56694	57526	57526	57526	57526	57526	57526	60032	63595	65405	65405	65405	66047	70248	71410	73221	73221	73221	73221	73221	73221	73221	76484
Earned Conc- Cum	0	2944	9869	17945	19923	21613																																						0							
Forecast Conc- Cum	0	2944	9869	17945	19923	21613	22595	27517	33471	40981	47644	50680	52152	53600	53600	53600	53600	53600	53600	53600	53600	53600	53600	53600	53600	53600	53600	54598	56576	57409	57409	57409	57409	57409	57409	59915	63477	65286	65286	65286	65929	70129	71291	73218	73218	73218	73218	73218	73218	73218	76484

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

Progress thru w/e 28-Dec-14

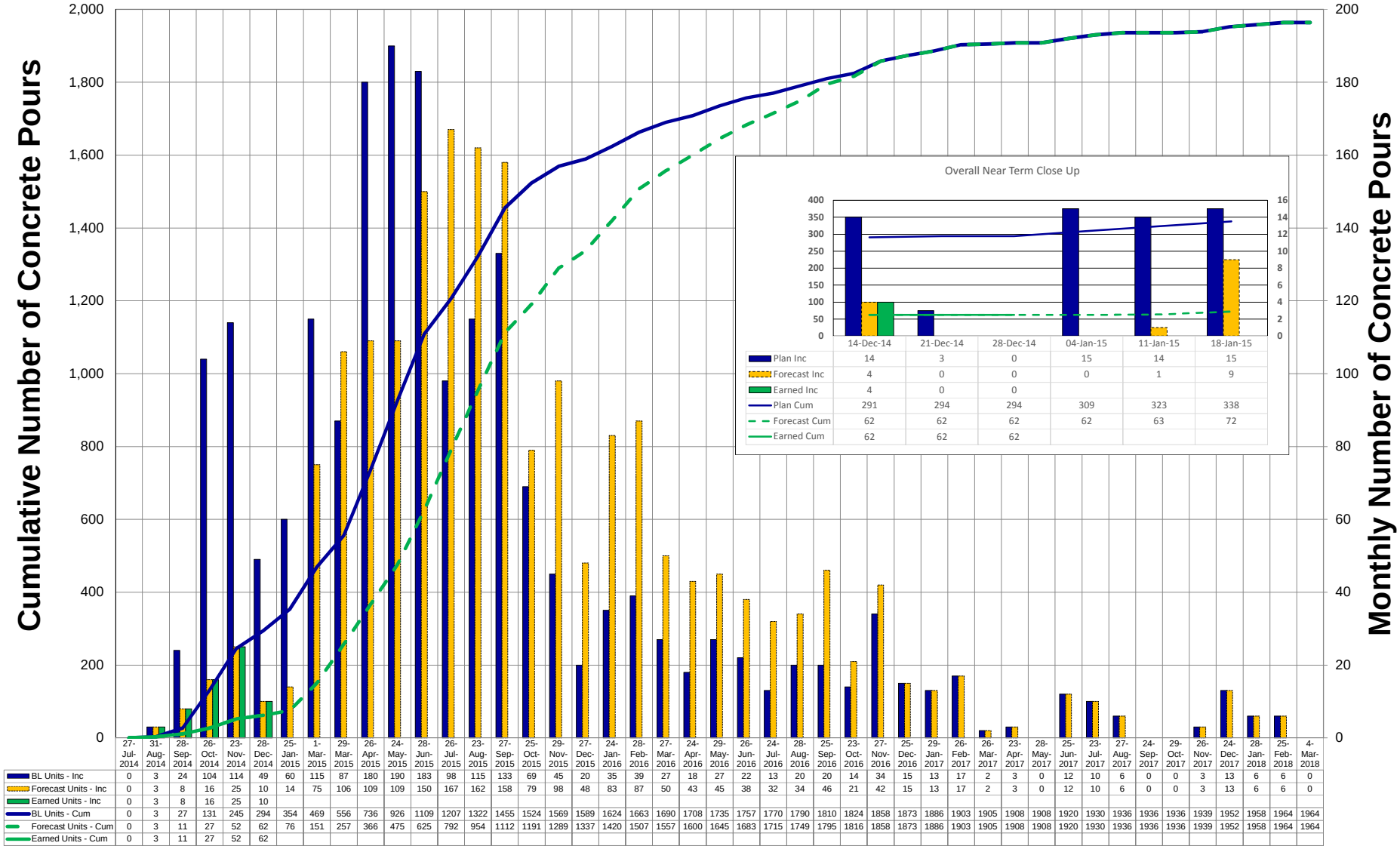
CH0007 - MFP Construction - Powerhouse Concrete Curve



	S-14	O-14	N-14	D-14	J-15	M-15	M-15	A-15	M-15	J-15	J-15	A-15	S-15	O-15	N-15	D-15	J-16	F-16	M-16	A-16	M-16	J-16	J-16	A-16	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17
Earned Conc - Inc	0	0	0	0																												
Plan Conc - Inc	0	812	4487	6191	2984	10874	5754	14007	14278	17371	11869	16027	17210	7961	5127	1915	76	595	7	84	530	530	519	4980	4960	2965	4626	5684	2900	1363	173	249	0
Forecast Conc - Inc	0	0	0	0	224	6458	9312	4537	5268	8872	17465	10953	16565	10845	13691	7114	8093	8930	3869	1942	1545	614	393	5243	5614	4069	5106	5705	2901	1364	173	249	0
Plan Conc- Cum	0	812	5299	11490	14474	25348	31102	45109	59387	76758	88627	104654	121864	129825	134952	136867	136943	137538	137545	137629	138159	138689	139208	144188	149148	152113	156739	162423	165323	166686	166859	167108	167108
Earned Conc- Cum	0	0	0	0																												
Forecast Conc- Cum	0	0	0	0	224	6682	15994	20531	25799	34671	52136	63089	79654	90499	104190	111304	119397	128327	132196	134138	135683	136297	136690	141933	147547	151616	156722	162427	165328	166692	166865	167114	167114

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

CH0007 - MFP Construction - Overall Pours Progress Curve & Pour Counting Histogram



	27-Jul-2014	31-Aug-2014	28-Sep-2014	26-Oct-2014	23-Nov-2014	28-Dec-2014	25-Jan-2015	1-Mar-2015	29-Mar-2015	26-Apr-2015	24-May-2015	28-Jun-2015	26-Jul-2015	23-Aug-2015	27-Sep-2015	25-Oct-2015	29-Nov-2015	27-Dec-2015	24-Jan-2016	28-Feb-2016	27-Mar-2016	24-Apr-2016	29-May-2016	26-Jun-2016	24-Jul-2016	28-Aug-2016	25-Sep-2016	23-Oct-2016	27-Nov-2016	25-Dec-2016	29-Jan-2017	26-Feb-2017	26-Mar-2017	23-Apr-2017	28-May-2017	25-Jun-2017	23-Jul-2017	27-Aug-2017	24-Sep-2017	29-Oct-2017	26-Nov-2017	24-Dec-2017	28-Jan-2018	25-Feb-2018	4-Mar-2018
BL Units - Inc	0	3	24	104	114	49	60	115	87	180	190	183	98	115	133	69	45	20	35	39	27	18	27	22	13	20	20	14	34	15	13	17	2	3	0	12	10	6	0	0	3	13	6	6	0
Forecast Units - Inc	0	3	8	16	25	10	14	75	106	109	109	150	167	162	158	79	98	48	83	87	50	43	45	38	32	34	46	21	42	15	13	17	2	3	0	12	10	6	0	0	3	13	6	6	0
Earned Units - Inc	0	3	8	16	25	10																																							
BL Units - Cum	0	3	27	131	245	294	354	469	556	736	926	1109	1207	1322	1455	1524	1569	1589	1624	1663	1690	1708	1735	1757	1770	1790	1810	1824	1858	1873	1886	1903	1905	1908	1908	1920	1930	1936	1936	1936	1939	1952	1958	1964	1964
Forecast Units - Cum	0	3	11	27	52	62	76	151	257	366	475	625	792	954	1112	1191	1289	1337	1420	1507	1557	1600	1645	1683	1715	1749	1795	1816	1858	1873	1886	1903	1905	1908	1908	1920	1930	1936	1936	1936	1939	1952	1958	1964	1964
Earned Units - Cum	0	3	11	27	52	62																																							

	14-Dec-14	21-Dec-14	28-Dec-14	04-Jan-15	11-Jan-15	18-Jan-15
Plan Inc	14	3	0	15	14	15
Forecast Inc	4	0	0	0	1	9
Earned Inc	4	0	0			
Plan Cum	291	294	294	309	323	338
Forecast Cum	62	62	62	62	63	72
Earned Cum	62	62	62			

Lower Churchil Project - Muskrat Falls
NALCOR
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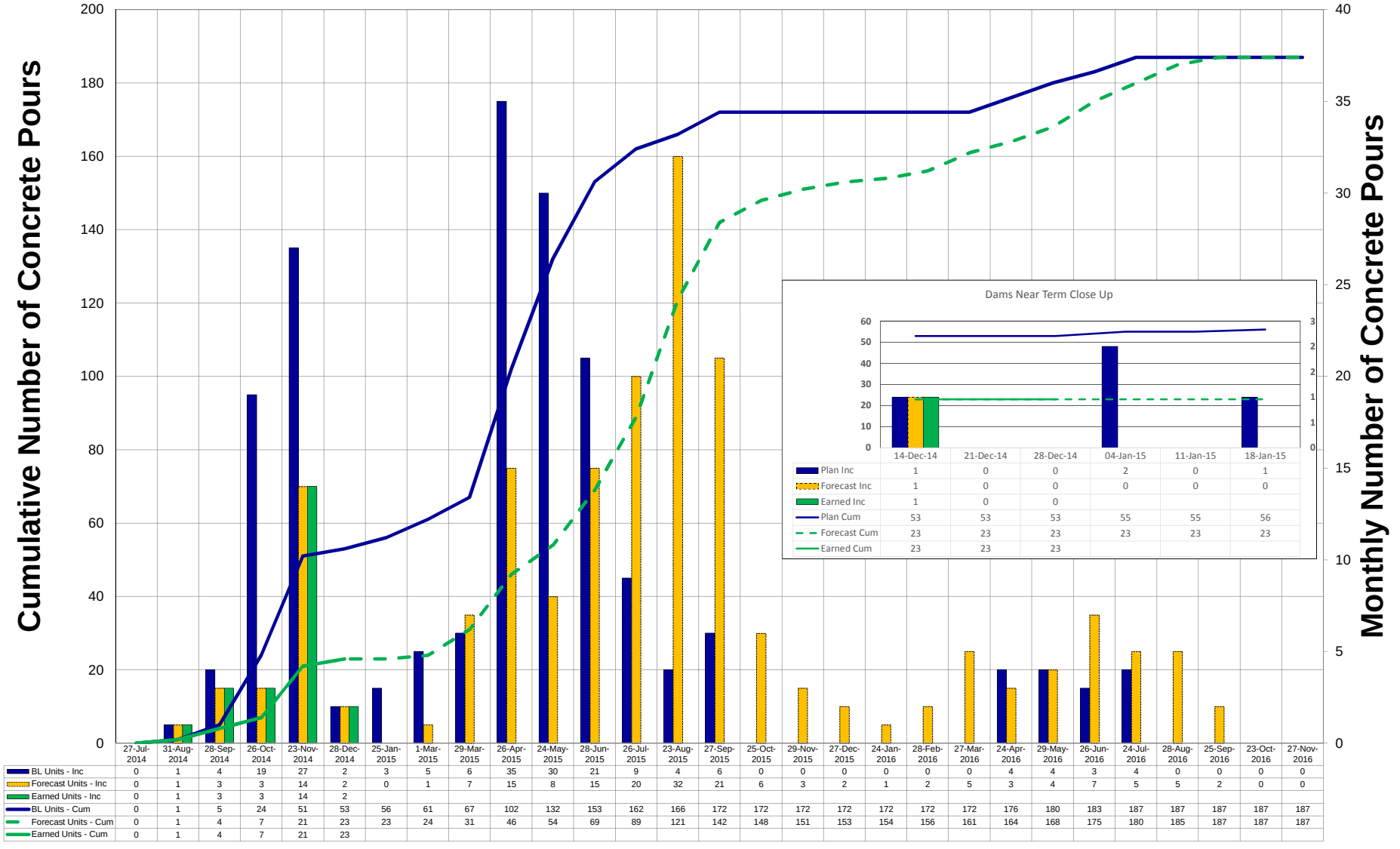
CH0007 - MFP Construction - Dams Pours Progress Curve & Pour Counting Histogram

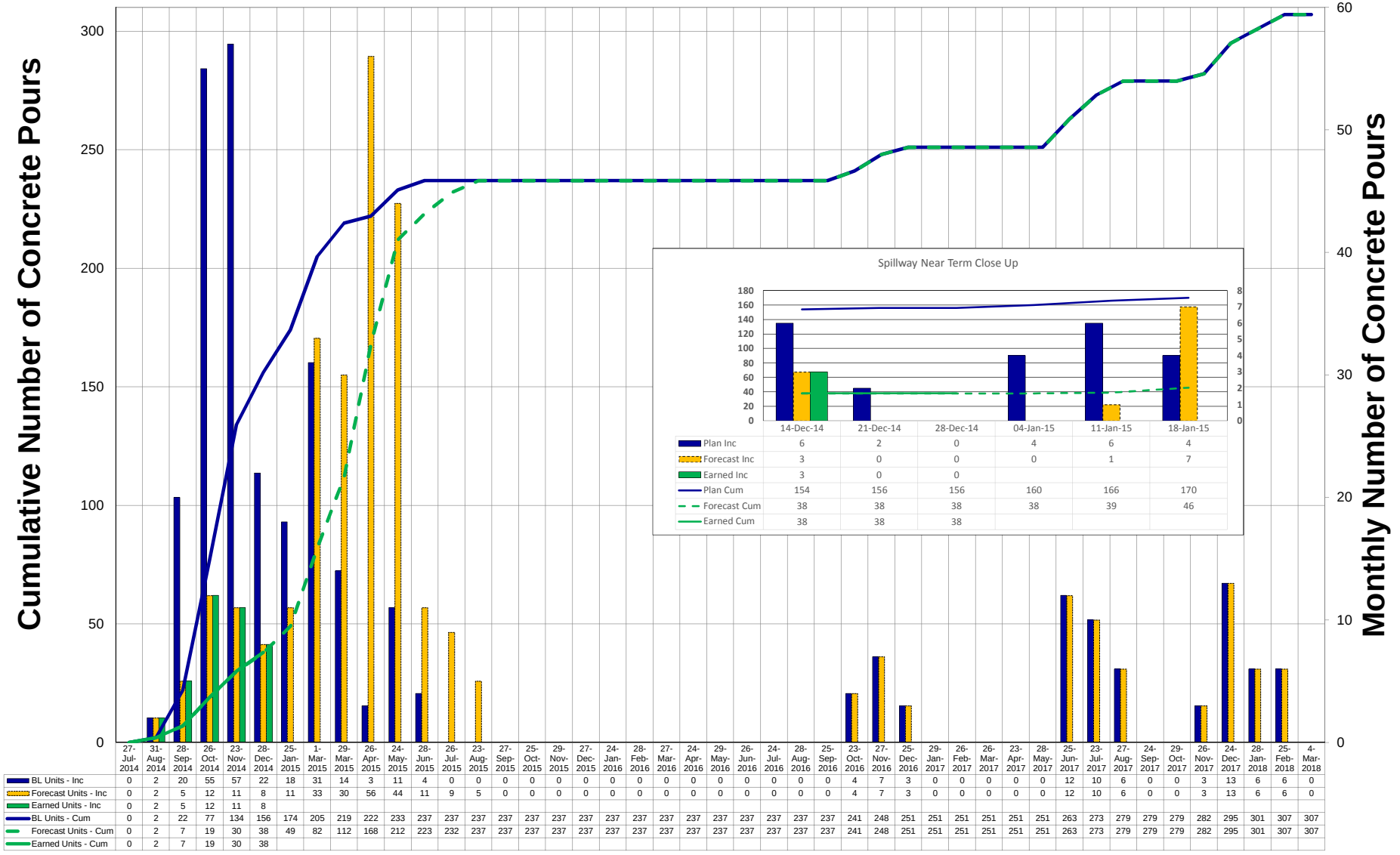


	27-Jul-2014	31-Aug-2014	28-Sep-2014	26-Oct-2014	23-Nov-2014	28-Dec-2014	25-Jan-2015	1-Mar-2015	29-Mar-2015	26-Apr-2015	24-May-2015	28-Jun-2015	26-Jul-2015	23-Aug-2015	27-Sep-2015	25-Oct-2015	29-Nov-2015	27-Dec-2015	24-Jan-2016	28-Feb-2016	27-Mar-2016	24-Apr-2016	29-May-2016	26-Jun-2016	24-Jul-2016	28-Aug-2016	25-Sep-2016	23-Oct-2016	27-Nov-2016
BL Units - Inc	0	1	4	19	27	2	3	5	6	35	30	21	9	4	6	0	0	0	0	0	0	4	4	3	4	0	0	0	0
Forecast Units - Inc	0	1	3	3	14	2	0	1	7	15	8	15	20	32	21	6	3	2	1	2	5	3	4	7	5	5	2	0	0
Earned Units - Inc	0	1	3	3	14	2																							
BL Units - Cum	0	1	5	24	51	53	56	61	67	102	132	153	162	166	172	172	172	172	172	172	172	176	180	183	187	187	187	187	187
Forecast Units - Cum	0	1	4	7	21	23	23	24	31	46	54	69	89	121	142	148	151	153	154	156	161	164	168	175	180	185	187	187	187
Earned Units - Cum	0	1	4	7	21	23																							

	14-Dec-14	21-Dec-14	28-Dec-14	04-Jan-15	11-Jan-15	18-Jan-15
Plan Inc	1	0	0	2	0	1
Forecast Inc	1	0	0	0	0	0
Earned Inc	1	0	0			
Plan Cum	53	53	53	55	55	56
Forecast Cum	23	23	23	23	23	23
Earned Cum	23	23	23			

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

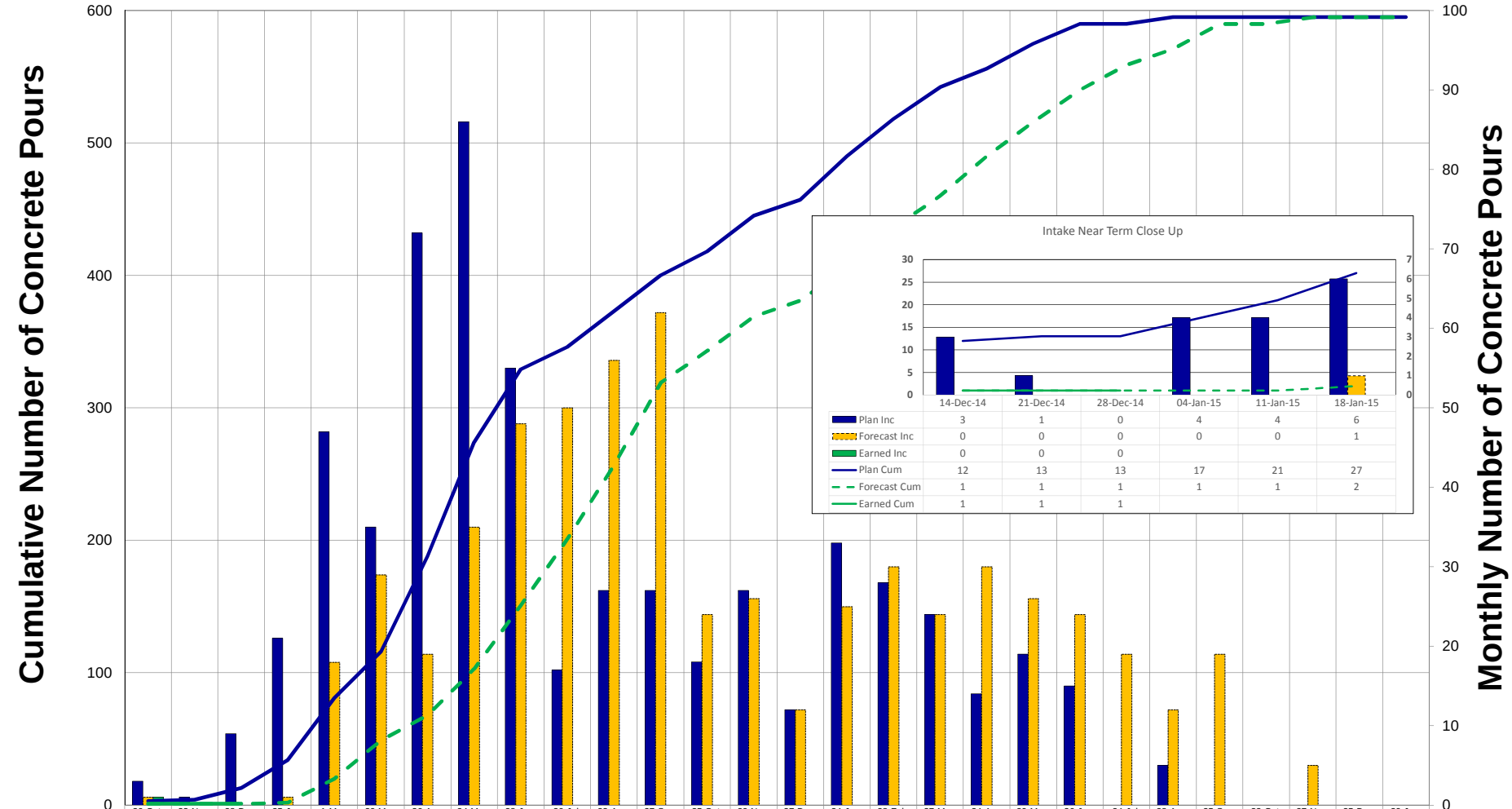
CH0007 - MFP Construction - Spillway Pours Progress Curve & Pour Counting Histogram



	27-Jul-2014	31-Aug-2014	28-Sep-2014	26-Oct-2014	23-Nov-2014	28-Dec-2014	25-Jan-2015	1-Mar-2015	29-Mar-2015	26-Apr-2015	24-May-2015	28-Jun-2015	26-Jul-2015	23-Aug-2015	27-Sep-2015	25-Oct-2015	29-Nov-2015	27-Dec-2015	24-Jan-2016	28-Feb-2016	27-Mar-2016	24-Apr-2016	29-May-2016	26-Jun-2016	24-Jul-2016	28-Aug-2016	25-Sep-2016	23-Oct-2016	27-Nov-2016	25-Dec-2016	29-Jan-2017	26-Feb-2017	26-Mar-2017	23-Apr-2017	28-May-2017	25-Jun-2017	23-Jul-2017	27-Aug-2017	24-Sep-2017	29-Oct-2017	26-Nov-2017	24-Dec-2017	28-Jan-2018	25-Feb-2018	4-Mar-2018
BL Units - Inc	0	2	20	55	57	22	18	31	14	3	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	3	0	0	0	0	0	12	10	6	0	0	3	13	6	6	0
Forecast Units - Inc	0	2	5	12	11	8	11	33	30	56	44	11	9	5	0	0	0	0	0	0	0	0	0	0	0	0	4	7	3	0	0	0	0	0	12	10	6	0	0	3	13	6	6	0
Earned Units - Inc	0	2	5	12	11	8																																						
BL Units - Cum	0	2	22	77	134	156	174	205	219	222	233	237	237	237	237	237	237	237	237	237	237	237	237	237	237	237	241	248	251	251	251	251	251	251	263	273	279	279	279	282	295	301	307	307
Forecast Units - Cum	0	2	7	19	30	38	49	82	112	168	212	223	232	237	237	237	237	237	237	237	237	237	237	237	237	237	241	248	251	251	251	251	251	251	263	273	279	279	279	282	295	301	307	307
Earned Units - Cum	0	2	7	19	30	38																																						

Lower Churchil Project - Muskrat Falls
NALCOR
Astaldi Canada Inc.

CH0007 - MFP Construction - Intake Pours Progress Curve & Pour counting Histogram



	14-Dec-14	21-Dec-14	28-Dec-14	04-Jan-15	11-Jan-15	18-Jan-15
Plan Inc	3	1	0	4	4	6
Forecast Inc	0	0	0	0	0	1
Earned Inc	0	0	0			
Plan Cum	12	13	13	17	21	27
Forecast Cum	1	1	1	1	1	2
Earned Cum	1	1	1			

	26-Oct-2014	23-Nov-2014	28-Dec-2014	25-Jan-2015	1-Mar-2015	29-Mar-2015	26-Apr-2015	24-May-2015	28-Jun-2015	26-Jul-2015	23-Aug-2015	27-Sep-2015	25-Oct-2015	29-Nov-2015	27-Dec-2015	24-Jan-2016	28-Feb-2016	27-Mar-2016	24-Apr-2016	29-May-2016	26-Jun-2016	24-Jul-2016	28-Aug-2016	25-Sep-2016	23-Oct-2016	27-Nov-2016	25-Dec-2016	29-Jan-2017
BL Units - Inc	3	1	9	21	47	35	72	86	55	17	27	27	18	27	12	33	28	24	14	19	15	0	5	0	0	0	0	0
Forecast Units - Inc	1	0	0	1	18	29	19	35	48	50	56	62	24	26	12	25	30	24	30	26	24	19	12	19	0	5	0	0
Earned Units - Inc	1	0	0																									
BL Units - Cum	3	4	13	34	81	116	188	274	329	346	373	400	418	445	457	490	518	542	556	575	590	590	595	595	595	595	595	595
Forecast Units - Cum	1	1	1	2	20	49	68	103	151	201	257	319	343	369	381	406	436	460	490	516	540	559	571	590	590	595	595	595
Earned Units - Cum	1	1	1																									

Lower Churchil Project - Muskrat Falls
NALCOR
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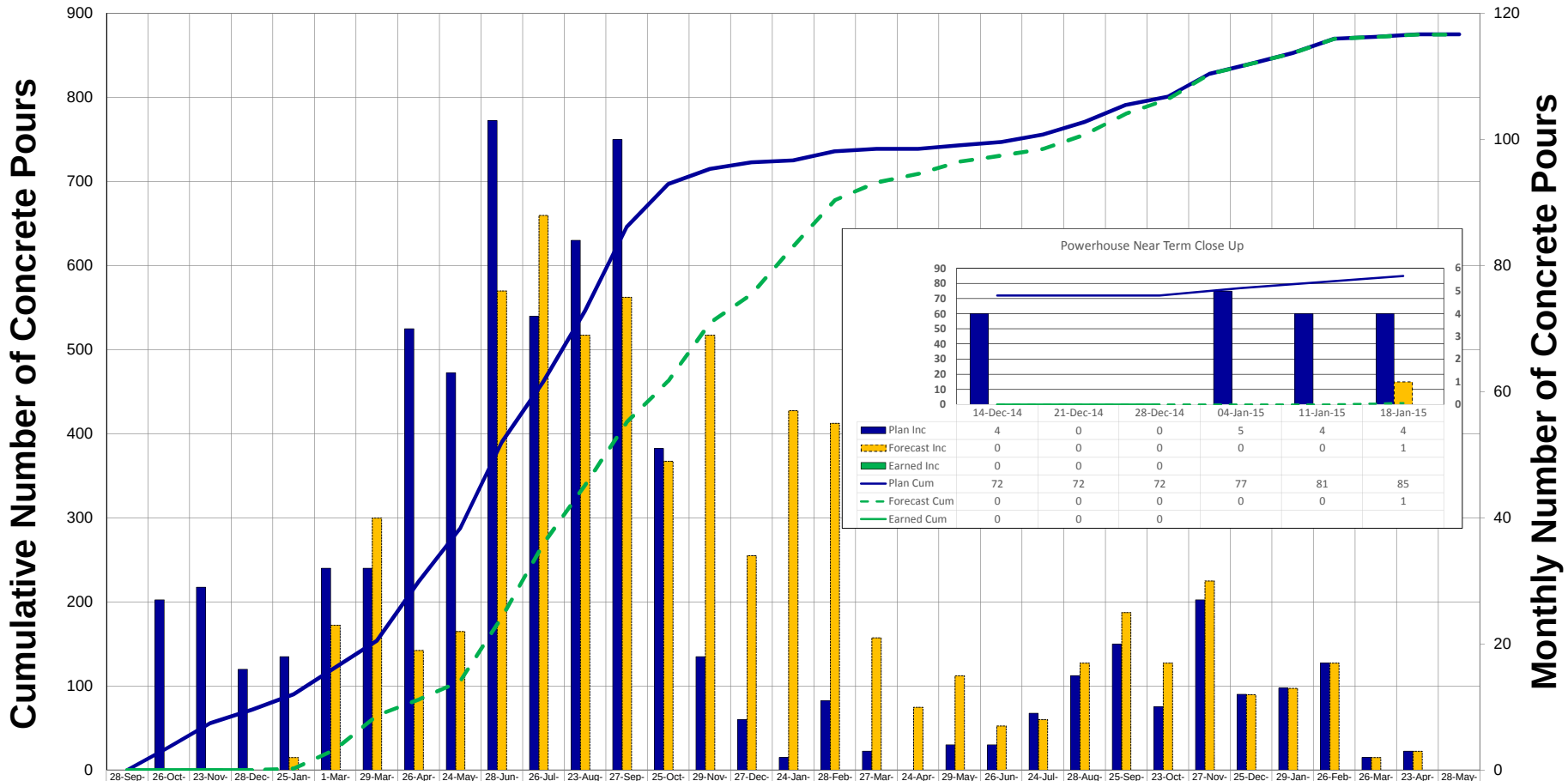
CH0007 - MFP Construction - Powerhouse Pours Progress Curve & Pour Counting Histogram



	28-Sep-2014	26-Oct-2014	23-Nov-2014	28-Dec-2014	25-Jan-2015	1-Mar-2015	29-Mar-2015	26-Apr-2015	24-May-2015	28-Jun-2015	26-Jul-2015	23-Aug-2015	27-Sep-2015	25-Oct-2015	29-Nov-2015	27-Dec-2015	24-Jan-2016	28-Feb-2016	27-Mar-2016	24-Apr-2016	29-May-2016	26-Jun-2016	24-Jul-2016	28-Aug-2016	25-Sep-2016	23-Oct-2016	27-Nov-2016	25-Dec-2016	29-Jan-2017	26-Feb-2017	26-Mar-2017	23-Apr-2017	28-May-2017
BL Units - Inc	0	27	29	16	18	32	32	70	63	103	72	84	100	51	18	8	2	11	3	0	4	4	9	15	20	10	27	12	13	17	2	3	0
Forecast Units - Inc	0	0	0	0	2	23	40	19	22	76	88	69	75	49	69	34	57	55	21	10	15	7	8	17	25	17	30	12	13	17	2	3	0
Earned Units - Inc	0	0	0	0																													
BL Units - Cum	0	27	56	72	90	122	154	224	287	390	462	546	646	697	715	723	725	736	739	739	743	747	756	771	791	801	828	840	853	870	872	875	875
Forecast Units - Cum	0	0	0	0	2	25	65	84	106	182	270	339	414	463	532	566	623	678	699	709	724	731	739	756	781	798	828	840	853	870	872	875	875
Earned Units - Cum	0	0	0	0																													

ASTALDI CANADA Inc.

Contract Milestone Comparison - Current vs. Contract, Baseline & Last Month's Forecast

Note: Red number indicates delay in days

			Baseline Variance					Current Variance			
Area	Milestone	Milestone Description	Contractual Dates	BL Sep 29, 2014 DD Sep 28, 2014	Variance	Nov 2014 DD Nov 23, 2014	Dec 2014 DD Dec 28, 2014	Contract	B.L	Last Month	Comments
General	**M0**	Limited Notice to Proceed.	24-Sep-13	24-Sep-13	0	24-Sep-13	24-Sep-13	0	0	0	
General	**M1**	Contract Award.	30-Nov-13	29-Nov-13	1	29-Nov-13	29-Nov-13	1	0	0	
Spillway	**M4A**	Spillway - Phase I: Upstream 2/3rds of Piers & Upstr Bridges	15-Feb-15	25-Apr-15	-69	09-Jun-15	29-Jun-15	-134	-65	-20	
Spillway	**M4B**	Spillway - Phase II: Downstream 1/3 of Piers, Retaining Wall Discharge Channel Ph I & Water Retaining Structures (Sep Wall, NTD, CTD (Partial), Retaining Wall, etc.)	31-Jul-15	27-Jul-15	4	08-Sep-15	12-Sep-15	-43	-47	-4	
SSB	**M18A**	South Service Bay Bldg Enclosed partial Mezzanines	31-Jul-15	14-Jul-15	17	02-Sep-15	15-Sep-15	-46	-63	-13	
SSB	**M18B**	South Service Bay Bldg Enclosed c/w Mezzanines and elevator shaft	31-Jul-15	28-Oct-15	-89	05-Feb-16	05-Mar-16	-218	-129	-29	SSB Pours pushed to next year
Unit 1	**M26A**	Powerhouse Unit 1 – Bldg Enclosed excl. Mezzanines	30-Sep-15	19-Oct-15	-19	26-Jan-16	28-Jan-16	-120	-101	-2	Powerhouse Pours pushed to next year
Unit 1	**M26B**	Powerhouse Unit 1 – Bldg Enclosed c/w Mezzanines	30-Sep-15	13-Feb-16	-136	07-May-16	10-May-16	-223	-87	-3	Includes Mezzanine driven by the Intake pours of G1
Unit 2	**M34A**	Powerhouse Unit 2 – Bldg Enclosed excl. Mezzanines	11-Nov-15	03-Dec-15	-22	10-Mar-16	13-Mar-16	-123	-101	-3	Powerhouse Pours pushed to next year
Unit 2	**M34B**	Powerhouse Unit 2 – Bldg Enclosed c/w Mezzanines	11-Nov-15	04-Apr-16	-145	27-Jun-16	30-Jun-16	-232	-87	-3	Includes Mezzanine driven by the Intake pours of G2
STD	**M55**	South Transition Dam Complete.	12-Dec-15	04-Oct-15	69	29-JAN-16	09-Mar-16	-88	-157	-40	Driven By the elevator Shaft
Unit 3	**M42A**	Powerhouse Unit 3 – Bldg Enclosed excl. Mezzanines	20-Jan-16	08-Feb-16	-19	18-May-16	01-May-16	-102	-83	17	Powerhouse Pours pushed to next year
Unit 3	**M42B**	Powerhouse Unit 3 – Bldg Enclosed c/w Mezzanines	20-Jan-16	21-May-16	-122	20-Aug-16	16-Aug-16	-209	-87	4	Includes Mezzanine driven by the Intake pours of G3
Unit 4	**M50A**	Powerhouse Unit 4 – Bldg Enclosed excl. Mezzanines	02-Mar-16	25-May-16	-84	24-Aug-16	16-Jun-16	-106	-22	69	Powerhouse Pours pushed to next year
Unit 4	**M50B**	Powerhouse Unit 4 – Bldg Enclosed c/w Mezzanines	02-Mar-16	12-Jul-16	-132	13-Oct-16	07-Oct-16	-219	-87	6	Includes Mezzanine driven by the Intake pours of G4
Unit 1	**M22**	Unit 1 – Ready for Installation of Draft Tube Cone by CH0030.	28-Mar-16	26-Sep-15	184	13-Dec-15	15-Dec-15	104	-80	-2	
Unit 1	**M28A**	Unit 1 – Intake Structure ready for start of hydro/Mech.	31-Mar-16	18-Jan-16	73	18-Apr-16	21-Apr-16	-21	-94	-3	Adjusted links for the intake pours
Unit 1	**M28B**	Unit 1 – Intake Structure Complete	31-Mar-16	25-Mar-16	6	17-Jun-16	20-Jun-16	-81	-87	-3	
NSB	**M53**	North Service Bay Bldg Enclosed c/w Mezzanines	09-Apr-16	15-Apr-16	-6	17-Jul-16	11-Jul-16	-93	-87	6	Pushed by Unit 4
Unit 2	**M30**	Unit 2 – Ready for Installation of Draft Tube Cone by CH0030.	04-May-16	26-Nov-15	160	25-Feb-16	28-Feb-16	66	-94	-3	
Unit 1	**M23**	Unit 1 - Ready for Installation of Stay Ring by CH0030.	22-May-16	15-May-16	7	15-May-16	15-May-16	7	0	0	
Unit 3	**M38**	Unit 3 – Ready for Installation of Draft Tube Cone by CH0030.	10-Jun-16	18-Jan-16	144	18-Apr-16	14-Apr-16	57	-87	4	
Unit 2	**M31**	Unit 2 - Ready for Installation of Stay Ring by CH0030.	27-Jun-16	13-Jun-16	14	13-Jun-16	13-Jun-16	14	0	0	
Unit 2	**M36A**	Unit 2 – Intake Structure ready for start of hydro/Mech.	29-Jun-16	14-Mar-16	107	20-Jun-16	23-Jun-16	6	-101	-3	Adjusted links for the intake pours
Unit 2	**M36B**	Unit 2 – Intake Structure Complete	29-Jun-16	09-Jun-16	20	01-Sep-16	04-Sep-16	-67	-87	-3	
Unit 4	**M46**	Unit 4 – Ready for Installation of Draft Tube Cone by CH0030.	19-Jul-16	12-Mar-16	129	13-Jun-16	07-Jun-16	42	-87	6	
Unit 3	**M39**	Unit 3 - Ready for Installation of Stay Ring by CH0030.	03-Aug-16	28-Jul-16	6	28-Jul-16	28-Jul-16	6	0	0	
CTD	**M54**	Center Transition Dam Complete.	13-Aug-16	06-Aug-16	7	11-Oct-16	05-Oct-16	-53	-60	6	
Unit 4	**M47**	Unit 4 - Ready for Installation of Stay Ring by CH0030.	10-Sep-16	06-Sep-16	4	06-Sep-16	06-Sep-16	4	0	0	
Unit 3	**M44A**	Unit 3 – Intake Structure ready for start of hydro/Mech.	27-Sep-16	25-Apr-16	155	01-Aug-16	28-Jul-16	61	-94	4	Adjusted links for the intake pours
Unit 3	**M44B**	Unit 3 – Intake Structure Complete	27-Sep-16	28-Jul-16	61	27-Oct-16	23-Oct-16	-26	-87	4	
Unit 1	**M24**	Unit 1 – Generator Floor Completed, including Pit Free for Unit 1.	30-Nov-16	14-Nov-16	16	14-Nov-16	14-Nov-16	16	0	0	

ASTALDI CANADA Inc.

Contract Milestone Comparison - Current vs. Contract, Baseline & Last Month's Forecast

Note: Red number indicates delay in days

			Baseline Variance					Current Variance			
Area	Milestone	Milestone Description	Contractual Dates	BL Sep 29, 2014 DD Sep 28, 2014	Variance	Nov 2014 DD Nov 23, 2014	Dec 2014 DD Dec 28, 2014	Contract	B.L	Last Month	Comments
Unit 4	**M52A**	Unit 4 – Intake Structure ready for start of hydro/Mech.	23-Dec-16	14-Jun-16	192	02-Oct-16	26-Sep-16	88	-104	6	Adjusted links for the intake pours
Unit 4	**M52B**	Unit 4 – Intake Structure Complete	23-Dec-16	23-Sep-16	91	10-Jan-17	19-Dec-16	4	-87	22	
Unit 2	**M32**	Unit 2 – Generator Floor Completed, including Pit Free for unit 2	11-Jan-17	09-Jan-17	2	10-Jan-17	10-Jan-17	1	-1	0	
Unit 3	**M40**	Unit 3 – Generator Floor Completed, including Pit Free for Unit 3	05-Mar-17	03-Mar-17	2	03-Mar-17	03-Mar-17	2	0	0	
Rollway	**M12**	Bay No. 1 Rollway Construction Complete and Ready for CH0032.	13-Mar-17	20-Dec-16	83	20-Dec-16	20-Dec-16	83	0	0	
Unit 4	**M48**	Unit 4 – Generator Floor Completed, including Pit Free for Unit 4.	27-Apr-17	14-Apr-17	13	14-Apr-17	14-Apr-17	13	0	0	
Rollway	**M14**	Bays No. 3 & 5 Rollway Construction Complete and Ready for CH0032.	19-Sep-17	19-Aug-17	31	19-Aug-17	19-Aug-17	31	0	0	
Rollway	**M13**	Bays No. 2 & 4 Rollway Construction Complete and Ready for CH0032.	17-Mar-18	21-Feb-18	24	21-Feb-18	21-Feb-18	24	0	0	
General	**M2**	Substantial Completion of the Work.	30-Jun-18	30-Jun-18	0	30-Jun-18	30-Jun-18	0	0	0	
General	**M2A**	Final Completion of the Work.	29-Sep-18	29-Sep-18	0	29-Sep-18	29-Sep-18	0	0	0	
Optional	**M16A**	Completion of Phase 2 of Spillway Discharge Channel Lining. (Optional)	29-Sep-18	29-Sep-18	0	29-Sep-18	29-Sep-18	0	0	0	

CLIENT: NALCOR energy

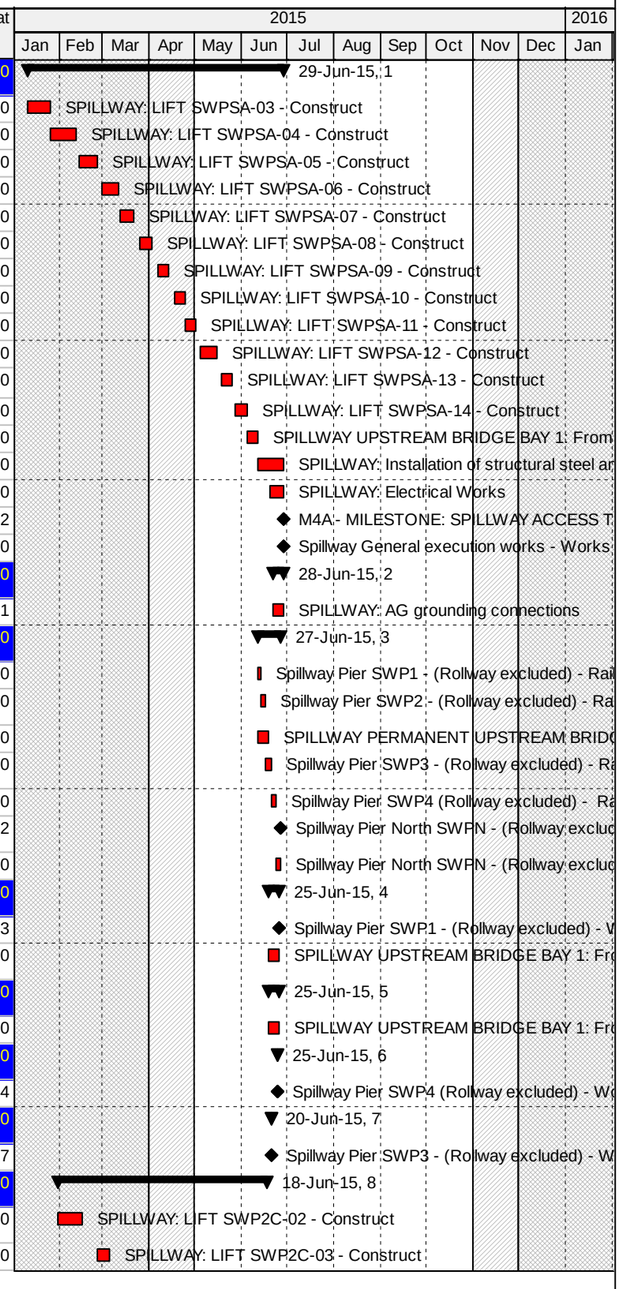
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
1	169		11-Jan-15 A	29-Jun-15	-133	0
SPW.PS.SWPSA03-01	6	SPILLWAY: LIFT SWPSA-03 - Construct	11-Jan-15 A	25-Jan-15	-123	0
SPW.PS.SWPSA04-01	7	SPILLWAY: LIFT SWPSA-04 - Construct	26-Jan-15	11-Feb-15	-123	0
SPW.PS.SWPSA05-01	6	SPILLWAY: LIFT SWPSA-05 - Construct	14-Feb-15	25-Feb-15	-123	0
SPW.PS.SWPSA06-01	8	SPILLWAY: LIFT SWPSA-06 - Construct	01-Mar-15	11-Mar-15	-123	0
SPW.PS.SWPSA07-01	7	SPILLWAY: LIFT SWPSA-07 - Construct	13-Mar-15	21-Mar-15	-123	0
SPW.PS.SWPSA08-01	7	SPILLWAY: LIFT SWPSA-08 - Construct	26-Mar-15	03-Apr-15	-123	0
SPW.PS.SWPSA09-01	7	SPILLWAY: LIFT SWPSA-09 - Construct	07-Apr-15	13-Apr-15	-123	0
SPW.PS.SWPSA10-01	7	SPILLWAY: LIFT SWPSA-10 - Construct	17-Apr-15	24-Apr-15	-123	0
SPW.PS.SWPSA11-01	7	SPILLWAY: LIFT SWPSA-11 - Construct	24-Apr-15	01-May-15	-123	0
SPW.PS.SWPSA12-01	12	SPILLWAY: LIFT SWPSA-12 - Construct	04-May-15	16-May-15	-123	0
SPW.PS.SWPSA13-01	7	SPILLWAY: LIFT SWPSA-13 - Construct	19-May-15	26-May-15	-123	0
SPW.PS.SWPSA14-01	7	SPILLWAY: LIFT SWPSA-14 - Construct	28-May-15	04-Jun-15	-123	0
SPW.P1.SWU1A14-05	7	SPILLWAY UPSTREAM BRIDGE BAY 1: From el. 43.88 to 45.50, Erect structural Steel	04-Jun-15	11-Jun-15	-123	0
SPW.GN.General-12	18	SPILLWAY: Installation of structural steel and Miscellaneus	11-Jun-15	29-Jun-15	-122	0
SPW.GN.General-13	9	SPILLWAY: Electrical Works	20-Jun-15	29-Jun-15	-122	0
SPW.E9.General-08	0	M4A - MILESTONE: SPILLWAY ACCESS TO HYDRO-MECHANICAL CONTRACTOR CH0032 FOR UPS		29-Jun-15*	-128	72
SPW.GN.General-20	0	Spillway General execution works - Works completion for M4A		29-Jun-15	-128	0
2	7		21-Jun-15	28-Jun-15	-121	0
SPW.GN.General-23	7	SPILLWAY: AG grounding connections	21-Jun-15	28-Jun-15	-121	1
3	15		11-Jun-15	27-Jun-15	-131	0
SPW.P1.General-03	3	Spillway Pier SWP1 - (Rollway excluded) - Rails installation (Upstream bridge)	11-Jun-15	14-Jun-15	-123	0
SPW.P2.General-08	3	Spillway Pier SWP2 - (Rollway excluded) - Rails installation (Upstream bridge)	14-Jun-15	17-Jun-15	-115	0
SPW.P1.SWU1A14-03	7	SPILLWAY PERMANENT UPSTREAM BRIDGE BAY 1: - Install Pre-Fab slabs	11-Jun-15	18-Jun-15	-123	0
SPW.P3.General-03	3	Spillway Pier SWP3 - (Rollway excluded) - Rails installation (Upstream bridge)	17-Jun-15	20-Jun-15	-115	0
SPW.P4.General-05	3	Spillway Pier SWP4 (Rollway excluded) - Rails installation (Upstream bridge)	20-Jun-15	24-Jun-15	-115	0
SPW.PN.General-01	0	Spillway Pier North SWPN - (Rollway excluded) - Works completion M4A		27-Jun-15	-126	2
SPW.PN.General-03	3	Spillway Pier North SWPN - (Rollway excluded) - Rails installation (Upstream bridge)	24-Jun-15	27-Jun-15	-115	0
4	7		18-Jun-15	25-Jun-15	-130	0
SPW.P1.General-01	0	Spillway Pier SWP1 - (Rollway excluded) - Works completion M4A		25-Jun-15	-125	3
SPW.P1.SWU1A14-07	7	SPILLWAY UPSTREAM BRIDGE BAY 1: From el. 43.88 to 45.50, Seal Slab	18-Jun-15	25-Jun-15	-118	0
5	7		18-Jun-15	25-Jun-15	-118	0
SPW.P1.SWU1A14-08	7	SPILLWAY UPSTREAM BRIDGE BAY 1: From el. 43.88 to 45.50, Install guardrails (Misc. Steel)	18-Jun-15	25-Jun-15	-118	0
6	0		25-Jun-15	25-Jun-15	-124	0
SPW.P4.General-03	0	Spillway Pier SWP4 (Rollway excluded) - Works completion M4A		25-Jun-15	-124	4
7	0		20-Jun-15	20-Jun-15	-121	0
SPW.P3.General-01	0	Spillway Pier SWP3 - (Rollway excluded) - Works completion M4A		20-Jun-15	-121	7
8	139		30-Jan-15 A	18-Jun-15	-122	0
SPW.P2.SWP2C02-01	7	SPILLWAY: LIFT SWP2C-02 - Construct	30-Jan-15 A	15-Feb-15	-99	0
SPW.P2.SWP2C03-01	6	SPILLWAY: LIFT SWP2C-03 - Construct	26-Feb-15	06-Mar-15	-99	0



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

EXECUTION DETAILED SCHEDULE

Milestone M4A

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

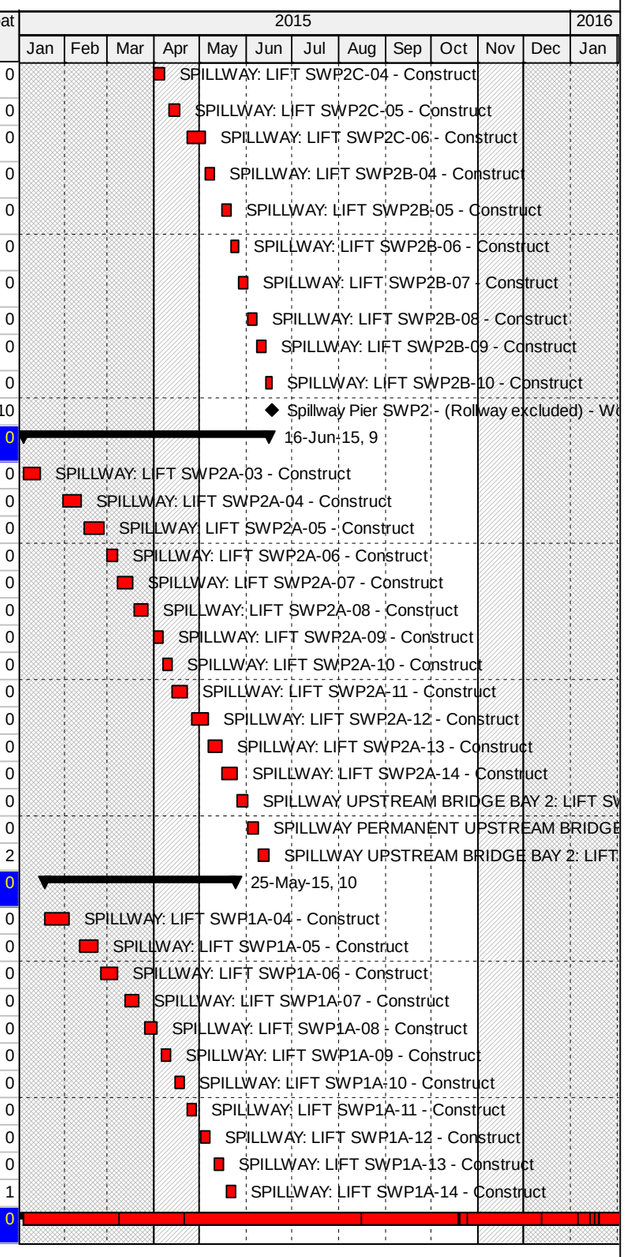
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
SPW.P2.SWP2C04-01	7	SPILLWAY: LIFT SWP2C-04 - Construct	01-Apr-15	07-Apr-15	-63	0
SPW.P2.SWP2C05-01	7	SPILLWAY: LIFT SWP2C-05 - Construct	11-Apr-15	17-Apr-15	-63	0
SPW.P2.SWP2C06-01	12	SPILLWAY: LIFT SWP2C-06 - Construct	23-Apr-15	04-May-15	-63	0
SPW.P2.SWP2B04-01	6	SPILLWAY: LIFT SWP2B-04 - Construct	04-May-15	10-May-15	-105	0
SPW.P2.SWP2B05-01	6	SPILLWAY: LIFT SWP2B-05 - Construct	15-May-15	21-May-15	-105	0
SPW.P2.SWP2B06-01	6	SPILLWAY: LIFT SWP2B-06 - Construct	21-May-15	27-May-15	-105	0
SPW.P2.SWP2B07-01	6	SPILLWAY: LIFT SWP2B-07 - Construct	27-May-15	02-Jun-15	-105	0
SPW.P2.SWP2B08-01	6	SPILLWAY: LIFT SWP2B-08 - Construct	02-Jun-15	08-Jun-15	-105	0
SPW.P2.SWP2B09-01	6	SPILLWAY: LIFT SWP2B-09 - Construct	08-Jun-15	13-Jun-15	-105	0
SPW.P2.SWP2B10-01	4	SPILLWAY: LIFT SWP2B-10 - Construct	13-Jun-15	17-Jun-15	-105	0
SPW.P2.General-06	0	Spillway Pier SWP2 - (Rollway excluded) - Works completion M4A		18-Jun-15	-118	10
9	162		05-Jan-15	16-Jun-15	-120	0
SPW.P2.SWP2A03-03	4	SPILLWAY: LIFT SWP2A-03 - Construct	05-Jan-15	15-Jan-15	-113	0
SPW.P2.SWP2A04-01	5	SPILLWAY: LIFT SWP2A-04 - Construct	31-Jan-15	11-Feb-15	-113	0
SPW.P2.SWP2A05-01	6	SPILLWAY: LIFT SWP2A-05 - Construct	14-Feb-15	26-Feb-15	-104	0
SPW.P2.SWP2A06-01	5	SPILLWAY: LIFT SWP2A-06 - Construct	01-Mar-15	08-Mar-15	-104	0
SPW.P2.SWP2A07-01	6	SPILLWAY: LIFT SWP2A-07 - Construct	08-Mar-15	17-Mar-15	-104	0
SPW.P2.SWP2A08-01	6	SPILLWAY: LIFT SWP2A-08 - Construct	19-Mar-15	27-Mar-15	-104	0
SPW.P2.SWP2A09-01	6	SPILLWAY: LIFT SWP2A-09 - Construct	01-Apr-15	07-Apr-15	-104	0
SPW.P2.SWP2A10-01	6	SPILLWAY: LIFT SWP2A-10 - Construct	07-Apr-15	12-Apr-15	-104	0
SPW.P2.SWP2A11-01	10	SPILLWAY: LIFT SWP2A-11 - Construct	12-Apr-15	22-Apr-15	-104	0
SPW.P2.SWP2A12-01	11	SPILLWAY: LIFT SWP2A-12 - Construct	25-Apr-15	06-May-15	-104	0
SPW.P2.SWP2A13-01	9	SPILLWAY: LIFT SWP2A-13 - Construct	06-May-15	15-May-15	-104	0
SPW.P2.SWP2A14-01	10	SPILLWAY: LIFT SWP2A-14 - Construct	15-May-15	26-May-15	-104	0
SPW.P2.SWU2A14-05	7	SPILLWAY UPSTREAM BRIDGE BAY 2: LIFT SWU2A-14 - Erect structural Steel	26-May-15	02-Jun-15	-109	0
SPW.P2.SWU2A14-03	7	SPILLWAY PERMANENT UPSTREAM BRIDGE BAY 2: - Install Pre-Fab slabs	02-Jun-15	09-Jun-15	-109	0
SPW.P2.SWU2A14-07	7	SPILLWAY UPSTREAM BRIDGE BAY 2: LIFT SWU2A-14 - Seal Slab	09-Jun-15	16-Jun-15	-109	2
10	127		18-Jan-15	25-May-15	-154	0
SPW.P1.SWP1A04-01	6	SPILLWAY: LIFT SWP1A-04 - Construct	18-Jan-15	03-Feb-15	-110	0
SPW.P1.SWP1A05-01	5	SPILLWAY: LIFT SWP1A-05 - Construct	11-Feb-15	22-Feb-15	-102	0
SPW.P1.SWP1A06-01	7	SPILLWAY: LIFT SWP1A-06 - Construct	24-Feb-15	08-Mar-15	-102	0
SPW.P1.SWP1A07-01	6	SPILLWAY: LIFT SWP1A-07 - Construct	12-Mar-15	21-Mar-15	-102	0
SPW.P1.SWP1A08-01	6	SPILLWAY: LIFT SWP1A-08 - Construct	26-Mar-15	02-Apr-15	-102	0
SPW.P1.SWP1A09-01	6	SPILLWAY: LIFT SWP1A-09 - Construct	05-Apr-15	11-Apr-15	-102	0
SPW.P1.SWP1A10-01	6	SPILLWAY: LIFT SWP1A-10 - Construct	14-Apr-15	20-Apr-15	-102	0
SPW.P1.SWP1A11-01	6	SPILLWAY: LIFT SWP1A-11 - Construct	23-Apr-15	29-Apr-15	-102	0
SPW.P1.SWP1A12-01	6	SPILLWAY: LIFT SWP1A-12 - Construct	02-May-15	08-May-15	-102	0
SPW.P1.SWP1A13-01	6	SPILLWAY: LIFT SWP1A-13 - Construct	11-May-15	17-May-15	-102	0
SPW.P1.SWP1A14-01	6	SPILLWAY: LIFT SWP1A-14 - Construct	19-May-15	25-May-15	-102	1
No Float Path	1817		23-Sep-13 A	29-Sep-18	0	0



Actual Level of Effort
Actual Work
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EXECUTION DETAILED SCHEDULE

Milestone M4A

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

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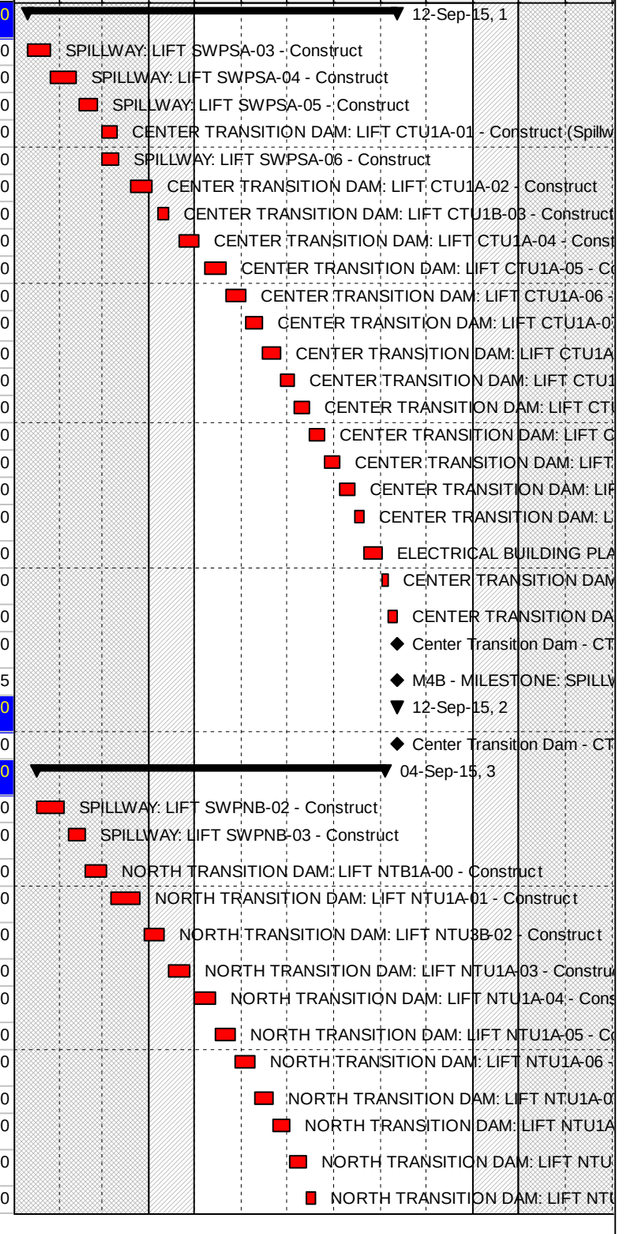
MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
1	244		11-Jan-15 A	12-Sep-15	-42	0
SPW.PS.SWPSA03-01	6	SPILLWAY: LIFT SWPSA-03 - Construct	11-Jan-15 A	25-Jan-15	-123	0
SPW.PS.SWPSA04-01	7	SPILLWAY: LIFT SWPSA-04 - Construct	26-Jan-15	11-Feb-15	-123	0
SPW.PS.SWPSA05-01	6	SPILLWAY: LIFT SWPSA-05 - Construct	14-Feb-15	25-Feb-15	-123	0
CTD.M1.CTU1A01-03	8	CENTER TRANSITION DAM: LIFT CTU1A-01 - Construct (Spillway Pier SWPSA-06 must be poured)	01-Mar-15	11-Mar-15	-42	0
SPW.PS.SWPSA06-01	8	SPILLWAY: LIFT SWPSA-06 - Construct	01-Mar-15	11-Mar-15	-123	0
CTD.M1.CTU1A02-03	11	CENTER TRANSITION DAM: LIFT CTU1A-02 - Construct	20-Mar-15	02-Apr-15	-42	0
CTD.M1.CTU1B03-03	7	CENTER TRANSITION DAM: LIFT CTU1B-03 - Construct	06-Apr-15	13-Apr-15	-42	0
CTD.M1.CTU1A04-03	13	CENTER TRANSITION DAM: LIFT CTU1A-04 - Construct	20-Apr-15	03-May-15	-42	0
CTD.M1.CTU1A05-03	14	CENTER TRANSITION DAM: LIFT CTU1A-05 - Construct	07-May-15	21-May-15	-42	0
CTD.M1.CTU1A06-03	13	CENTER TRANSITION DAM: LIFT CTU1A-06 - Construct	21-May-15	03-Jun-15	-42	0
CTD.M1.CTU1A07-03	11	CENTER TRANSITION DAM: LIFT CTU1A-07 - Construct	03-Jun-15	14-Jun-15	-42	0
CTD.M1.CTU1A08-03	12	CENTER TRANSITION DAM: LIFT CTU1A-08 - Construct	14-Jun-15	26-Jun-15	-42	0
CTD.M1.CTU1A09-03	9	CENTER TRANSITION DAM: LIFT CTU1A-09 - Construct	26-Jun-15	05-Jul-15	-42	0
CTD.M1.CTU1A10-03	10	CENTER TRANSITION DAM: LIFT CTU1A-10 - Construct	05-Jul-15	15-Jul-15	-42	0
CTD.M1.CTU1A11-03	10	CENTER TRANSITION DAM: LIFT CTU1A-11 - Construct	15-Jul-15	25-Jul-15	-42	0
CTD.M1.CTU1A12-03	10	CENTER TRANSITION DAM: LIFT CTU1A-12 - Construct	25-Jul-15	04-Aug-15	-42	0
CTD.M1.CTU1A13-03	10	CENTER TRANSITION DAM: LIFT CTU1A-13 - Construct	04-Aug-15	14-Aug-15	-42	0
CTD.M1.CTU1A14-03	6	CENTER TRANSITION DAM: LIFT CTU1A-14 - Construct	14-Aug-15	20-Aug-15	-42	0
CTD.M1.CTD1B15-01	12	ELECTRICAL BUILDING PLATFORM CTD1B15: Structural Steel erection & Q Decking	20-Aug-15	01-Sep-15	-42	0
CTD.M1.CTD1B15-07	4	CENTER TRANSITION DAM: LIFT CTD1B-15 - Construct elevated slab on Q Decking	01-Sep-15	05-Sep-15	-42	0
CTD.M1.CTD1A15-03	6	CENTER TRANSITION DAM: LIFT CTD1A-15 - Construct	05-Sep-15	11-Sep-15	-42	0
CTD.M1.General-01	0	Center Transition Dam - CT Monoliths 1 - Works completion		12-Sep-15	-41	0
SPW.E9.General-09	0	M4B - MILESTONE: SPILLWAY ACCESS TO HYDRO-MECHANICAL CONTRACTOR CH0032 FOR DOV		12-Sep-15*	-41	365
2	0		12-Sep-15	12-Sep-15	-41	0
CTD.M2.General-01	0	Center Transition Dam - CT Monoliths 2 - Works completion		12-Sep-15	-41	0
3	230		17-Jan-15	04-Sep-15	-34	0
SPW.PN.SWPNB02-03	6	SPILLWAY: LIFT SWPNB-02 - Construct	17-Jan-15	03-Feb-15	-55	0
SPW.PN.SWPNB03-03	4	SPILLWAY: LIFT SWPNB-03 - Construct	07-Feb-15	18-Feb-15	-55	0
NTD.GN.NTB1A00-03	9	NORTH TRANSITION DAM: LIFT NTB1A-00 - Construct	18-Feb-15	04-Mar-15	-36	0
NTD.GN.NTU1A01-03	15	NORTH TRANSITION DAM: LIFT NTU1A-01 - Construct	06-Mar-15	25-Mar-15	-36	0
NTD.GN.NTU3B02-03	12	NORTH TRANSITION DAM: LIFT NTU3B-02 - Construct	29-Mar-15	10-Apr-15	-36	0
NTD.GN.NTU1A03-03	14	NORTH TRANSITION DAM: LIFT NTU1A-03 - Construct	13-Apr-15	27-Apr-15	-36	0
NTD.GN.NTU1A04-03	14	NORTH TRANSITION DAM: LIFT NTU1A-04 - Construct	30-Apr-15	14-May-15	-36	0
NTD.GN.NTU1A05-03	13	NORTH TRANSITION DAM: LIFT NTU1A-05 - Construct	14-May-15	27-May-15	-36	0
NTD.GN.NTU1A06-03	13	NORTH TRANSITION DAM: LIFT NTU1A-06 - Construct	27-May-15	09-Jun-15	-36	0
NTD.GN.NTU1A07-03	12	NORTH TRANSITION DAM: LIFT NTU1A-07 - Construct	09-Jun-15	21-Jun-15	-36	0
NTD.GN.NTU1A08-03	11	NORTH TRANSITION DAM: LIFT NTU1A-08 - Construct	21-Jun-15	02-Jul-15	-36	0
NTD.GN.NTU1A09-03	11	NORTH TRANSITION DAM: LIFT NTU1A-09 - Construct	02-Jul-15	13-Jul-15	-36	0
NTD.GN.NTU1A10-03	6	NORTH TRANSITION DAM: LIFT NTU1A-10 - Construct	13-Jul-15	19-Jul-15	-36	0



Actual Level of Effort
Actual Work
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Critical Remaining Work
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EXECUTION DETAILED SCHEDULE

Milestone M4B

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

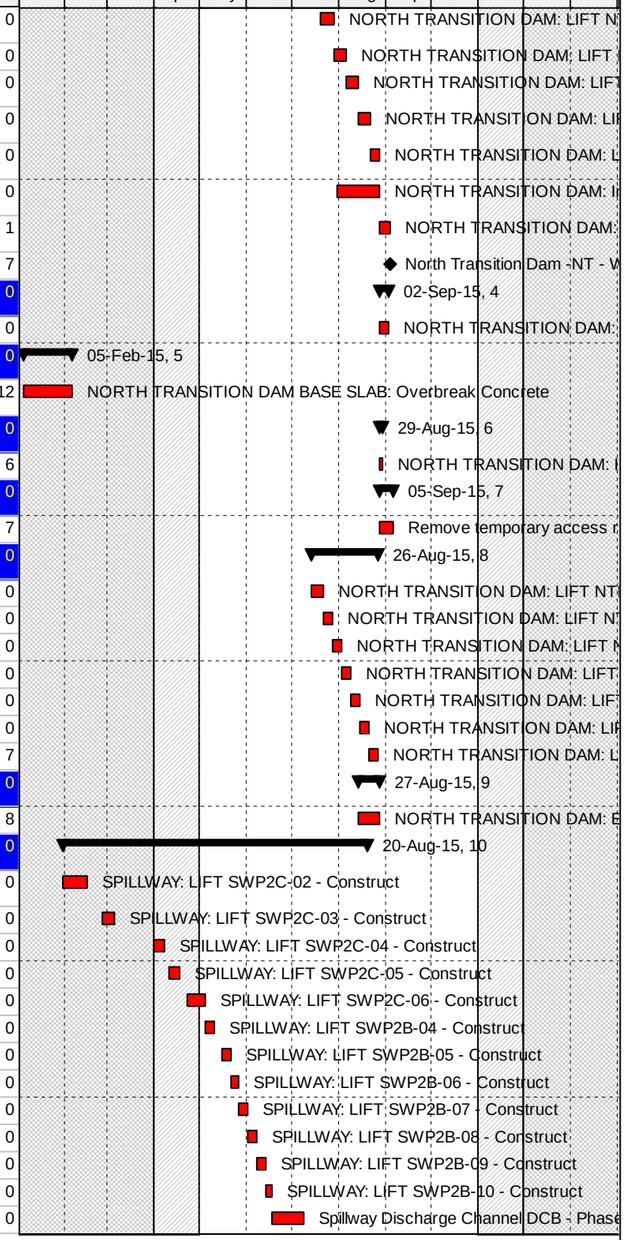
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
NTD.GN.NTU1A11-03	9	NORTH TRANSITION DAM: LIFT NTU1A-11 - Construct	19-Jul-15	28-Jul-15	-36	0
NTD.GN.NTU1A12-03	8	NORTH TRANSITION DAM: LIFT NTU1A-12 - Construct	28-Jul-15	05-Aug-15	-36	0
NTD.GN.NTU1A13-03	8	NORTH TRANSITION DAM: LIFT NTU1A-13 - Construct	05-Aug-15	13-Aug-15	-36	0
NTD.GN.NTU1A14-03	8	NORTH TRANSITION DAM: LIFT NTU1A-14 - Construct	13-Aug-15	21-Aug-15	-36	0
NTD.GN.NTU1A15-03	6	NORTH TRANSITION DAM: LIFT NTU1A-15 - Construct	21-Aug-15	27-Aug-15	-36	0
NTD.GN.General-04	28	NORTH TRANSITION DAM: Installation of Miscellaneous structural steel	30-Jul-15	27-Aug-15	-34	0
NTD.GN.General-12	7	NORTH TRANSITION DAM: AG Grounding connections	27-Aug-15	03-Sep-15	-34	1
NTD.GN.General-06	0	North Transition Dam -NT - Works completion		04-Sep-15	-34	7
4	6		27-Aug-15	02-Sep-15	-36	0
NTD.GN.NTW1A01-03	6	NORTH TRANSITION DAM: LIFT NTW1A-01 - Construct	27-Aug-15	02-Sep-15	-36	0
5	32		05-Jan-15	05-Feb-15	-59	0
NTD.GN.General-02	32	NORTH TRANSITION DAM BASE SLAB: Overbreak Concrete	05-Jan-15	05-Feb-15	-59	12
6	2		27-Aug-15	29-Aug-15	-29	0
NTD.GN.General-10	2	NORTH TRANSITION DAM: Installation of Survey Monuments on top of dam (NOTEBOOK)	27-Aug-15	29-Aug-15	-29	6
7	9		27-Aug-15	05-Sep-15	-36	0
SPW.GN.General-33	9	Remove temporary access roads to Spillway upstream (Logic TBC in a more detail)	27-Aug-15	05-Sep-15	-36	7
8	44		13-Jul-15	26-Aug-15	-29	0
NTD.GN.NTB4A00-03	8	NORTH TRANSITION DAM: LIFT NTB4A-00 - Construct	13-Jul-15	21-Jul-15	-29	0
NTD.GN.NTU4A01-03	6	NORTH TRANSITION DAM: LIFT NTU4A-01 - Construct	21-Jul-15	27-Jul-15	-29	0
NTD.GN.NTU4A02-03	6	NORTH TRANSITION DAM: LIFT NTU4A-02 - Construct	27-Jul-15	02-Aug-15	-29	0
NTD.GN.NTU4A03-03	6	NORTH TRANSITION DAM: LIFT NTU4A-03 - Construct	02-Aug-15	08-Aug-15	-29	0
NTD.GN.NTU4A04-03	6	NORTH TRANSITION DAM: LIFT NTU4A-04 - Construct	08-Aug-15	14-Aug-15	-29	0
NTD.GN.NTU4A05-03	6	NORTH TRANSITION DAM: LIFT NTU4A-05 - Construct	14-Aug-15	20-Aug-15	-29	0
NTD.GN.NTU4A06-03	6	NORTH TRANSITION DAM: LIFT NTU4A-06 - Construct	20-Aug-15	26-Aug-15	-29	7
9	14		13-Aug-15	27-Aug-15	-27	0
NTD.GN.General-05	14	NORTH TRANSITION DAM: Electrical Works	13-Aug-15	27-Aug-15	-27	8
10	202		30-Jan-15 A	20-Aug-15	-19	0
SPW.P2.SWP2C02-01	7	SPILLWAY: LIFT SWP2C-02 - Construct	30-Jan-15 A	15-Feb-15	-99	0
SPW.P2.SWP2C03-01	6	SPILLWAY: LIFT SWP2C-03 - Construct	26-Feb-15	06-Mar-15	-99	0
SPW.P2.SWP2C04-01	7	SPILLWAY: LIFT SWP2C-04 - Construct	01-Apr-15	07-Apr-15	-63	0
SPW.P2.SWP2C05-01	7	SPILLWAY: LIFT SWP2C-05 - Construct	11-Apr-15	17-Apr-15	-63	0
SPW.P2.SWP2C06-01	12	SPILLWAY: LIFT SWP2C-06 - Construct	23-Apr-15	04-May-15	-63	0
SPW.P2.SWP2B04-01	6	SPILLWAY: LIFT SWP2B-04 - Construct	04-May-15	10-May-15	-105	0
SPW.P2.SWP2B05-01	6	SPILLWAY: LIFT SWP2B-05 - Construct	15-May-15	21-May-15	-105	0
SPW.P2.SWP2B06-01	6	SPILLWAY: LIFT SWP2B-06 - Construct	21-May-15	27-May-15	-105	0
SPW.P2.SWP2B07-01	6	SPILLWAY: LIFT SWP2B-07 - Construct	27-May-15	02-Jun-15	-105	0
SPW.P2.SWP2B08-01	6	SPILLWAY: LIFT SWP2B-08 - Construct	02-Jun-15	08-Jun-15	-105	0
SPW.P2.SWP2B09-01	6	SPILLWAY: LIFT SWP2B-09 - Construct	08-Jun-15	13-Jun-15	-105	0
SPW.P2.SWP2B10-01	4	SPILLWAY: LIFT SWP2B-10 - Construct	13-Jun-15	17-Jun-15	-105	0
SDC.P1.General-03	21	Spillway Discharge Channel DCB - Phase 1 - Overbreak Concrete	17-Jun-15	08-Jul-15	-27	0



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EXECUTION DETAILED SCHEDULE

Milestone M4B

Date	Revision
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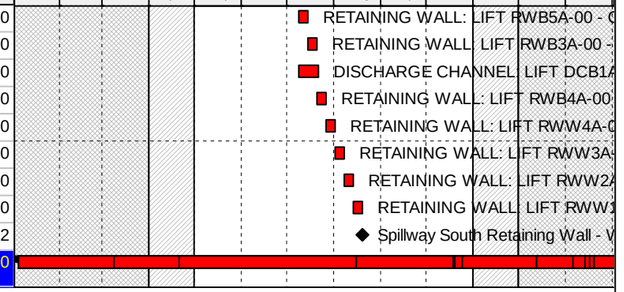
ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
REW.GN.RWB5A00-03	6	RETAINING WALL: LIFT RWB5A-00 - Construct	08-Jul-15	14-Jul-15	-19	0
REW.GN.RWB3A00-03	6	RETAINING WALL: LIFT RWB3A-00 - Construct	14-Jul-15	20-Jul-15	-19	0
SDC.P1.DCB1A00-03	13	DISCHARGE CHANNEL: LIFT DCB1A-00 - Construct	08-Jul-15	21-Jul-15	-27	0
REW.GN.RWB4A00-03	6	RETAINING WALL: LIFT RWB4A-00 - Construct	20-Jul-15	26-Jul-15	-19	0
REW.GN.RWW4A01-03	6	RETAINING WALL: LIFT RWW4A-01 - Construct	26-Jul-15	01-Aug-15	-19	0
REW.GN.RWW3A01-03	6	RETAINING WALL: LIFT RWW3A-01 - Construct	01-Aug-15	07-Aug-15	-19	0
REW.GN.RWW2A01-03	6	RETAINING WALL: LIFT RWW2A-01 - Construct	07-Aug-15	13-Aug-15	-19	0
REW.GN.RWW1A01-03	6	RETAINING WALL: LIFT RWW1A-01 - Construct	13-Aug-15	19-Aug-15	-19	0
REW.GN.General-03	0	Spillway South Retaining Wall - Works completion		20-Aug-15	-19	22
No Float Path	1817		23-Sep-13 A	29-Sep-18	0	0



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

EXECUTION DETAILED SCHEDULE

Milestomne M4B

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

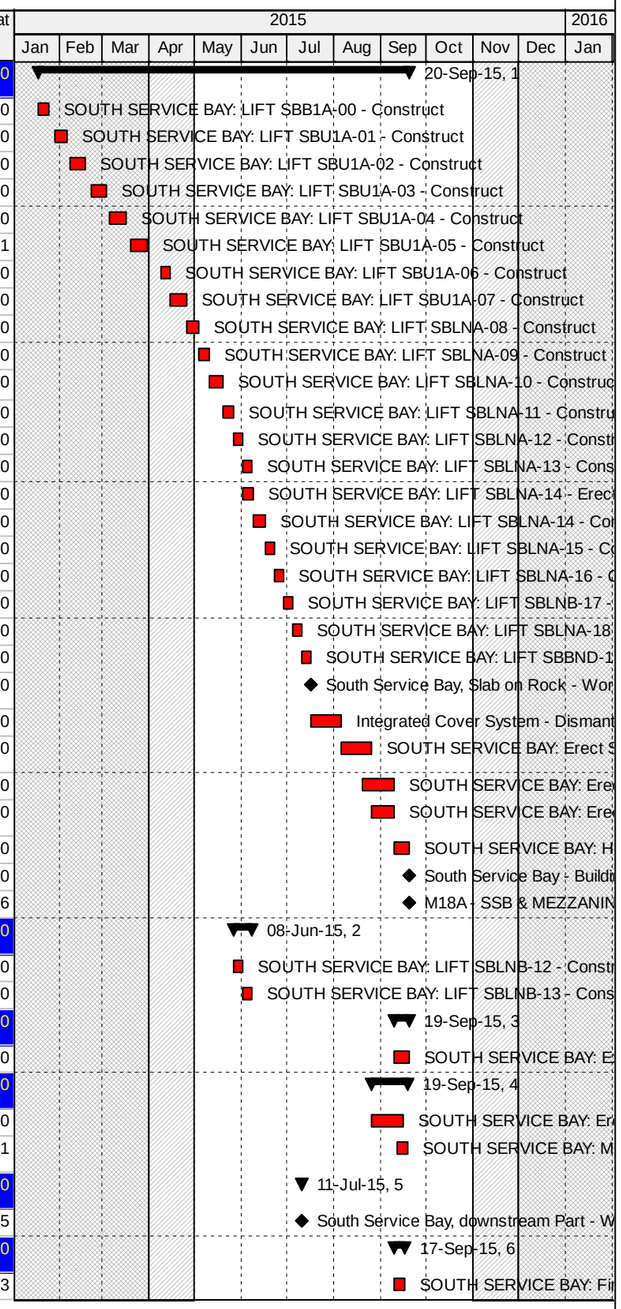
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
1	245		18-Jan-15	20-Sep-15	-51	0
SSB.US.SBB1A00-03	7	SOUTH SERVICE BAY: LIFT SBB1A-00 - Construct	18-Jan-15	25-Jan-15	-190	0
SSB.US.SBU1A01-03	8	SOUTH SERVICE BAY: LIFT SBU1A-01 - Construct	28-Jan-15	05-Feb-15	-190	0
SSB.US.SBU1A02-03	10	SOUTH SERVICE BAY: LIFT SBU1A-02 - Construct	08-Feb-15	18-Feb-15	-190	0
SSB.US.SBU1A03-03	6	SOUTH SERVICE BAY: LIFT SBU1A-03 - Construct	22-Feb-15	03-Mar-15	-151	0
SSB.US.SBU1A04-03	11	SOUTH SERVICE BAY: LIFT SBU1A-04 - Construct	06-Mar-15	16-Mar-15	-194	0
SSB.US.SBU1A05-03	11	SOUTH SERVICE BAY: LIFT SBU1A-05 - Construct	19-Mar-15	30-Mar-15	-194	1
SSB.US.SBU1A06-03	6	SOUTH SERVICE BAY: LIFT SBU1A-06 - Construct	09-Apr-15	14-Apr-15	-195	0
SSB.US.SBU1A07-03	11	SOUTH SERVICE BAY: LIFT SBU1A-07 - Construct	14-Apr-15	25-Apr-15	-195	0
SSB.DS.SBLNA08-03	8	SOUTH SERVICE BAY: LIFT SBLNA-08 - Construct	25-Apr-15	03-May-15	-195	0
SSB.DS.SBLNA09-03	8	SOUTH SERVICE BAY: LIFT SBLNA-09 - Construct	03-May-15	11-May-15	-174	0
SSB.DS.SBLNA10-03	8	SOUTH SERVICE BAY: LIFT SBLNA-10 - Construct	11-May-15	19-May-15	-174	0
SSB.DS.SBLNA11-03	8	SOUTH SERVICE BAY: LIFT SBLNA-11 - Construct	19-May-15	27-May-15	-174	0
SSB.DS.SBLNA12-03	6	SOUTH SERVICE BAY: LIFT SBLNA-12 - Construct	27-May-15	02-Jun-15	-174	0
SSB.DS.SBLNA13-03	6	SOUTH SERVICE BAY: LIFT SBLNA-13 - Construct	02-Jun-15	08-Jun-15	-174	0
SSB.DS.SBLNA14-05	7	SOUTH SERVICE BAY: LIFT SBLNA-14 - Erect falsework	02-Jun-15	09-Jun-15	-174	0
SSB.DS.SBLNA14-03	8	SOUTH SERVICE BAY: LIFT SBLNA-14 - Construct	09-Jun-15	16-Jun-15	-174	0
SSB.DS.SBLNA15-03	7	SOUTH SERVICE BAY: LIFT SBLNA-15 - Construct	16-Jun-15	23-Jun-15	-174	0
SSB.DS.SBLNA16-03	6	SOUTH SERVICE BAY: LIFT SBLNA-16 - Construct	23-Jun-15	29-Jun-15	-174	0
SSB.DS.SBLNB17-03	6	SOUTH SERVICE BAY: LIFT SBLNB-17 - Construct	29-Jun-15	05-Jul-15	-174	0
SSB.DS.SBLNA18-03	6	SOUTH SERVICE BAY: LIFT SBLNA-18 - Construct	05-Jul-15	11-Jul-15	-174	0
SSB.SL.SBBND19-03	6	SOUTH SERVICE BAY: LIFT SBBND-19 - Construct	11-Jul-15	16-Jul-15	-145	0
SSB.SL.General-01	0	South Service Bay, Slab on Rock - Works completion		17-Jul-15	-158	0
MOB.IC.Integra-32	20	Integrated Cover System - Dismantle ICS Structural Steel for SSB	17-Jul-15	06-Aug-15	-166	0
SSB.ST.General-01	20	SOUTH SERVICE BAY: Erect Structural steel main Frame (excl. mezzainines)	06-Aug-15	26-Aug-15	-165	0
SSB.ST.General-17	21	SOUTH SERVICE BAY: Erect Cladding	20-Aug-15	10-Sep-15	-52	0
SSB.ST.General-06	15	SOUTH SERVICE BAY: Erect Structural steel for Mezzanines & Q-Decking (NOTE BOOK)	26-Aug-15	10-Sep-15	-52	0
SSB.ST.General-04	10	SOUTH SERVICE BAY: High Bay Lighting & Miscellaneous electrical / Commissioning	10-Sep-15	20-Sep-15	-52	0
SSB.ST.General-07	0	South Service Bay - Building (Structural steel, HVAC etc..) - Works completion		20-Sep-15	-50	0
PWH.E9.General-13	0	M18A - SSB & MEZZANINE READY (HIGH BAY) FOR START WORK BY OTHER CONTRACTORS		20-Sep-15*	-50	156
2	12		27-May-15	08-Jun-15	-174	0
SSB.DS.SBLNB12-03	6	SOUTH SERVICE BAY: LIFT SBLNB-12 - Construct	27-May-15	02-Jun-15	-174	0
SSB.DS.SBLNB13-03	6	SOUTH SERVICE BAY: LIFT SBLNB-13 - Construct	02-Jun-15	08-Jun-15	-174	0
3	10		10-Sep-15	19-Sep-15	-51	0
SSB.ST.General-11	10	SOUTH SERVICE BAY: Exterior Lighting / Commissioning	10-Sep-15	19-Sep-15	-51	0
4	24		26-Aug-15	19-Sep-15	-51	0
SSB.ST.General-03	21	SOUTH SERVICE BAY: Erect Roofing	26-Aug-15	16-Sep-15	-51	0
SSB.ST.General-05	7	SOUTH SERVICE BAY: Mechanical works - HVAC	12-Sep-15	19-Sep-15	-51	1
5	0		11-Jul-15	11-Jul-15	-153	0
SSB.DS.General-01	0	South Service Bay, downstream Part - Works completion		11-Jul-15	-153	5
6	7		10-Sep-15	17-Sep-15	-49	0
SSB.ST.General-09	7	SOUTH SERVICE BAY: Final paint touch-up	10-Sep-15	17-Sep-15	-49	3



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

EXECUTION DETAILED SCHEDULE

Milestone M18

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

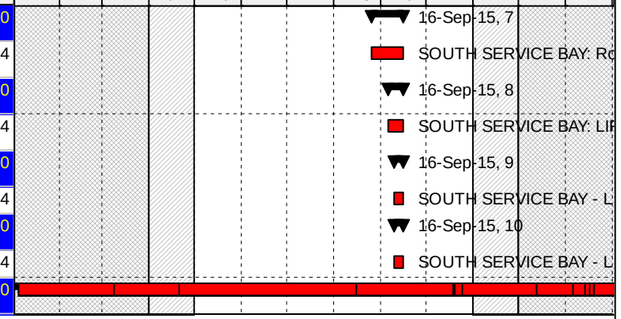
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
7	21		26-Aug-15	16-Sep-15	-48	0
SSB.ST.General-08	21	SOUTH SERVICE BAY: Roof drains installation	26-Aug-15	16-Sep-15	-48	4
8	10		06-Sep-15	16-Sep-15	-48	0
SSB.SL.SBWSGEN-04	10	SOUTH SERVICE BAY: LIFT ICS CLASHES - Construct	06-Sep-15	16-Sep-15	-48	4
9	6		10-Sep-15	16-Sep-15	-48	0
PWH.1U.PHD1A01-03	6	SOUTH SERVICE BAY - LIFT .PHD1A-01 - Construct	10-Sep-15	16-Sep-15	-48	4
10	6		10-Sep-15	16-Sep-15	-48	0
PWH.1U.PHD1A02-03	6	SOUTH SERVICE BAY - LIFT .PHD1A-02 - Construct	10-Sep-15	16-Sep-15	-48	4
No Float Path	1817		23-Sep-13 A	29-Sep-18	0	0



Actual Level of Effort
Actual Work
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EXECUTION DETAILED SCHEDULE

Milestone M18

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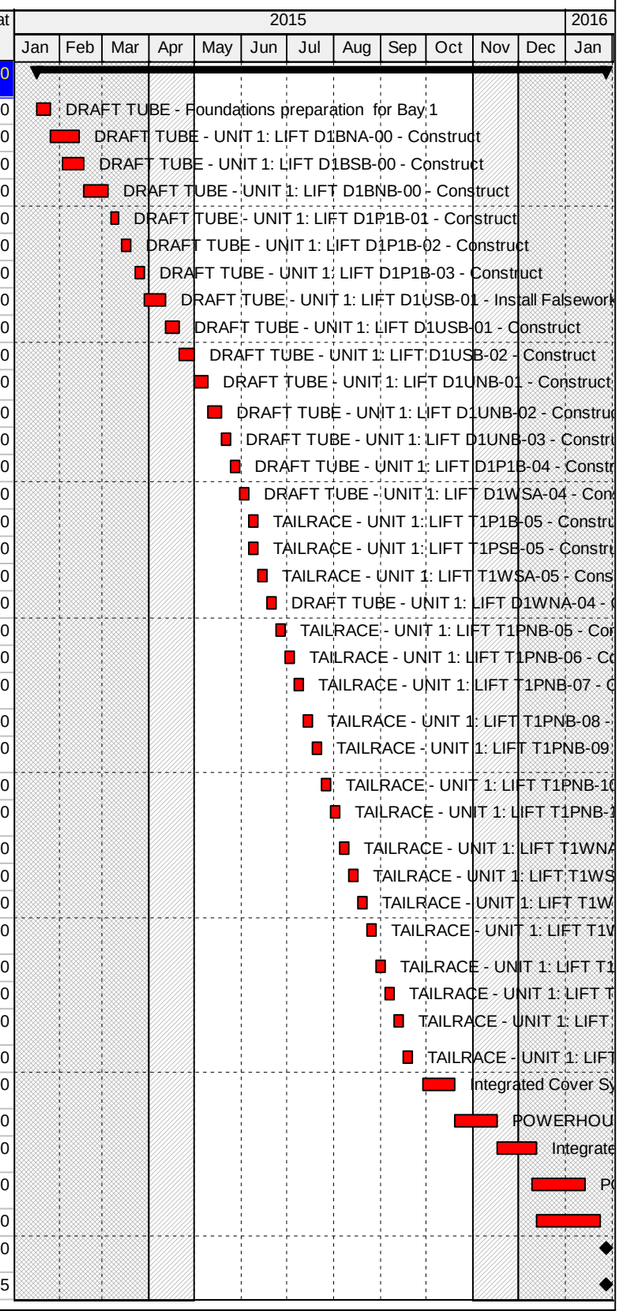
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
1	376		16-Jan-15	28-Jan-16	-120	0
MOB.IC.FinalRo-04	9	DRAFT TUBE - Foundations preparation for Bay 1	16-Jan-15	25-Jan-15	-220	0
DRT.1U.D1BNA00-03	20	DRAFT TUBE - UNIT 1: LIFT D1BNA-00 - Construct	26-Jan-15	14-Feb-15	-220	0
DRT.1D.D1BSB00-03	14	DRAFT TUBE - UNIT 1: LIFT D1BSB-00 - Construct	02-Feb-15	16-Feb-15	-219	0
DRT.1D.D1BNB00-03	16	DRAFT TUBE - UNIT 1: LIFT D1BNB-00 - Construct	16-Feb-15	04-Mar-15	-219	0
DRT.1D.D1P1B01-03	6	DRAFT TUBE - UNIT 1: LIFT D1P1B-01 - Construct	06-Mar-15	12-Mar-15	-219	0
DRT.1D.D1P1B02-03	6	DRAFT TUBE - UNIT 1: LIFT D1P1B-02 - Construct	14-Mar-15	20-Mar-15	-219	0
DRT.1D.D1P1B03-03	6	DRAFT TUBE - UNIT 1: LIFT D1P1B-03 - Construct	23-Mar-15	29-Mar-15	-219	0
DRT.1D.D1USB01-05	14	DRAFT TUBE - UNIT 1: LIFT D1USB-01 - Install Falsework	29-Mar-15	12-Apr-15	-220	0
DRT.1D.D1USB01-03	9	DRAFT TUBE - UNIT 1: LIFT D1USB-01 - Construct	12-Apr-15	21-Apr-15	-219	0
DRT.1D.D1USB02-03	9	DRAFT TUBE - UNIT 1: LIFT D1USB-02 - Construct	21-Apr-15	30-Apr-15	-219	0
DRT.1D.D1UNB01-03	9	DRAFT TUBE - UNIT 1: LIFT D1UNB-01 - Construct	30-Apr-15	09-May-15	-219	0
DRT.1D.D1UNB02-03	9	DRAFT TUBE - UNIT 1: LIFT D1UNB-02 - Construct	09-May-15	18-May-15	-219	0
DRT.1D.D1UNB03-03	7	DRAFT TUBE - UNIT 1: LIFT D1UNB-03 - Construct	18-May-15	25-May-15	-219	0
DRT.1D.D1P1B04-03	6	DRAFT TUBE - UNIT 1: LIFT D1P1B-04 - Construct	25-May-15	31-May-15	-219	0
DRT.1D.D1WSA04-03	6	DRAFT TUBE - UNIT 1: LIFT D1WSA-04 - Construct	31-May-15	06-Jun-15	-219	0
TAR.1W.T1P1B05-03	6	TAILRACE - UNIT 1: LIFT T1P1B-05 - Construct	06-Jun-15	12-Jun-15	-219	0
TAR.1W.T1PSB05-03	6	TAILRACE - UNIT 1: LIFT T1PSB-05 - Construct	06-Jun-15	12-Jun-15	-219	0
TAR.1W.T1WSA05-03	6	TAILRACE - UNIT 1: LIFT T1WSA-05 - Construct	12-Jun-15	18-Jun-15	-219	0
DRT.1D.D1WNA04-03	6	DRAFT TUBE - UNIT 1: LIFT D1WNA-04 - Construct	18-Jun-15	24-Jun-15	-219	0
TAR.1W.T1PNB05-03	6	TAILRACE - UNIT 1: LIFT T1PNB-05 - Construct	24-Jun-15	30-Jun-15	-219	0
TAR.1W.T1PNB06-03	6	TAILRACE - UNIT 1: LIFT T1PNB-06 - Construct	30-Jun-15	06-Jul-15	-219	0
TAR.1W.T1PNB07-03	6	TAILRACE - UNIT 1: LIFT T1PNB-07 - Construct	06-Jul-15	12-Jul-15	-219	0
TAR.1W.T1PNB08-03	6	TAILRACE - UNIT 1: LIFT T1PNB-08 - Construct	12-Jul-15	18-Jul-15	-219	0
TAR.1W.T1PNB09-03	6	TAILRACE - UNIT 1: LIFT T1PNB-09 - Construct	18-Jul-15	24-Jul-15	-219	0
TAR.1W.T1PNB10-03	6	TAILRACE - UNIT 1: LIFT T1PNB-10 - Construct	24-Jul-15	30-Jul-15	-219	0
TAR.1W.T1PNB11-03	6	TAILRACE - UNIT 1: LIFT T1PNB-11 - Construct	30-Jul-15	05-Aug-15	-219	0
TAR.1W.T1WNA11-03	6	TAILRACE - UNIT 1: LIFT T1WNA-11 - Construct	05-Aug-15	11-Aug-15	-219	0
TAR.1W.T1WSA11-03	6	TAILRACE - UNIT 1: LIFT T1WSA-11 - Construct	11-Aug-15	17-Aug-15	-219	0
TAR.1W.T1WSB11-03	6	TAILRACE - UNIT 1: LIFT T1WSB-11 - Construct	17-Aug-15	23-Aug-15	-219	0
TAR.1W.T1WNB10-03	6	TAILRACE - UNIT 1: LIFT T1WNB-10 - Construct	23-Aug-15	29-Aug-15	-219	0
TAR.1W.T1WNB11-03	6	TAILRACE - UNIT 1: LIFT T1WNB-11 - Construct	29-Aug-15	04-Sep-15	-219	0
TAR.1D.T1WNB12-03	6	TAILRACE - UNIT 1: LIFT T1WNB-12 - Construct	04-Sep-15	09-Sep-15	-219	0
TAR.1D.T1WNB13-03	6	TAILRACE - UNIT 1: LIFT T1WNB-13 - Construct	09-Sep-15	15-Sep-15	-219	0
TAR.1D.T1W2B14-03	6	TAILRACE - UNIT 1: LIFT T1W2B-14 - Construct	15-Sep-15	21-Sep-15	-219	0
MOB.IC.Integra-33	21	Integrated Cover System - Dismantle ICS Structural Steel for Bay 1	28-Sep-15	19-Oct-15	-219	0
TAR.1S.General-01	28	POWERHOUSE 1: Erect Structural steel main Frame with roof decking (excl. mezzanines)	19-Oct-15	16-Nov-15	-219	0
MOB.IC.Integra-34	26	Integrated Cover System - Dismantle ICS Structural Steel for Bay 2	16-Nov-15	12-Dec-15	-219	0
TAR.1S.General-03	21	POWERHOUSE 1: Erect Roofing	09-Dec-15	13-Jan-16	-107	0
TAR.2S.General-01	28	POWERHOUSE 2: Erect Structural steel main Frame with roof decking (excl. mezzainines)	12-Dec-15	23-Jan-16	-219	0
TAR.1S.General-07	0	P/H 1 - Building (Structural steel, HVAC etc..) - Works completion		28-Jan-16	-104	0
PWH.E9.General-17	0	M26A - UNIT 1 - BUILDING ENCLOSED & HIGH BAY LIGHTING INSTALLED FOR CONTRACTORS CH		28-Jan-16*	-104	45



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

EXECUTION DETAILED SCHEDULE

Milestone M26

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

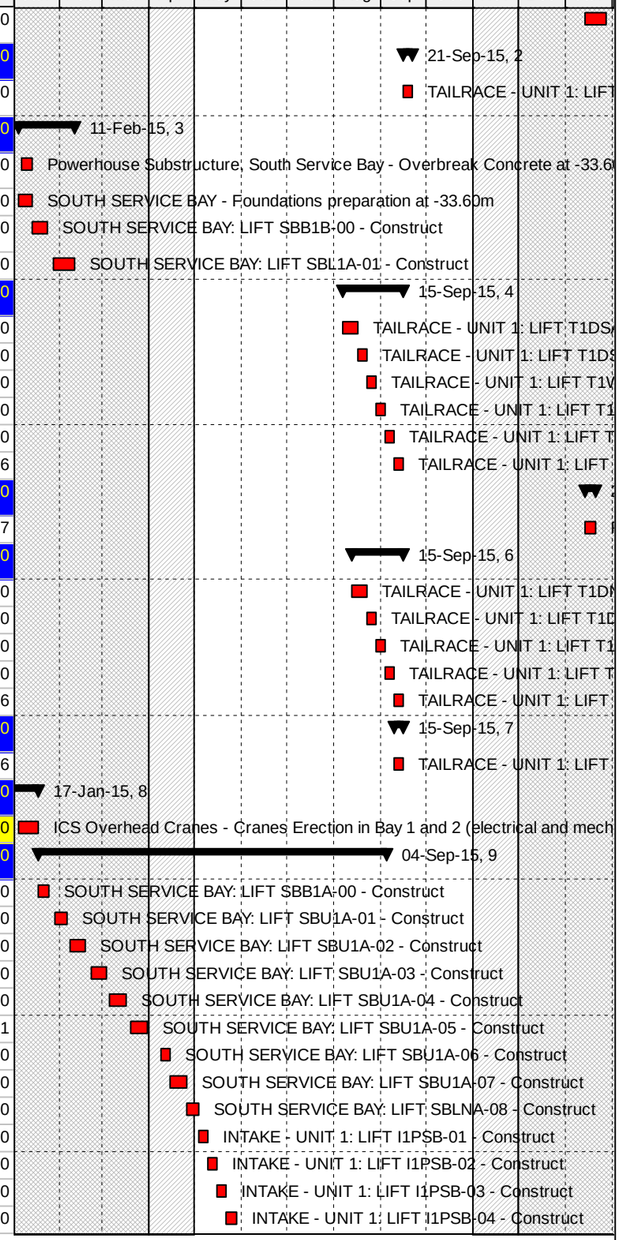
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
TAR.1S.General-11	14	POWERHOUSE 1: Exterior Lighting / Commissioning	13-Jan-16	28-Jan-16	-107	0
2	6		15-Sep-15	21-Sep-15	-219	0
TAR.1D.T1WNB14-03	6	TAILRACE - UNIT 1: LIFT T1WNB-14 - Construct	15-Sep-15	21-Sep-15	-219	0
3	37		05-Jan-15	11-Feb-15	-215	0
MOB.IC.FinalRo-08	7	Powerhouse Substructure, South Service Bay - Overbreak Concrete at -33.60m	07-Jan-15	13-Jan-15	-215	0
MOB.IC.FinalRo-01	9	SOUTH SERVICE BAY - Foundations preparation at -33.60m	05-Jan-15	13-Jan-15	-215	0
SSB.DS.SBB1B00-03	10	SOUTH SERVICE BAY: LIFT SBB1B-00 - Construct	13-Jan-15	24-Jan-15	-214	0
SSB.DS.SBL1A01-03	14	SOUTH SERVICE BAY: LIFT SBL1A-01 - Construct	28-Jan-15	11-Feb-15	-214	0
4	40		07-Aug-15	15-Sep-15	-213	0
TAR.1W.T1DSA01-05	10	TAILRACE - UNIT 1: LIFT T1DSA-01 - Install Falsework	07-Aug-15	17-Aug-15	-213	0
TAR.1W.T1DSA01-03	6	TAILRACE - UNIT 1: LIFT T1DSA-01 - Construct	17-Aug-15	22-Aug-15	-213	0
TAR.1D.T1WSA12-03	6	TAILRACE - UNIT 1: LIFT T1WSA-12 - Construct	22-Aug-15	28-Aug-15	-213	0
TAR.1D.T1WSA13-03	6	TAILRACE - UNIT 1: LIFT T1WSA-13 - Construct	28-Aug-15	03-Sep-15	-213	0
TAR.1D.T1WSA14-03	6	TAILRACE - UNIT 1: LIFT T1WSA-14 - Construct	03-Sep-15	09-Sep-15	-213	0
TAR.1D.T1W1A14-03	6	TAILRACE - UNIT 1: LIFT T1W1A-14 - Construct	09-Sep-15	15-Sep-15	-213	6
5	7		13-Jan-16	20-Jan-16	-99	0
TAR.1S.General-05	7	POWERHOUSE 1: Mechanical works - HVAC	13-Jan-16	20-Jan-16	-99	7
6	34		13-Aug-15	15-Sep-15	-213	0
TAR.1W.T1DNA01-05	10	TAILRACE - UNIT 1: LIFT T1DNA-01 - Install Falsework	13-Aug-15	22-Aug-15	-213	0
TAR.1W.T1DNA01-03	6	TAILRACE - UNIT 1: LIFT T1DNA-01 - Construct	22-Aug-15	28-Aug-15	-213	0
TAR.1D.T1WNA12-03	6	TAILRACE - UNIT 1: LIFT T1WNA-12 - Construct	28-Aug-15	03-Sep-15	-213	0
TAR.1D.T1WNA13-03	6	TAILRACE - UNIT 1: LIFT T1WNA-13 - Construct	03-Sep-15	09-Sep-15	-213	0
TAR.1D.T1W2A14-03	6	TAILRACE - UNIT 1: LIFT T1W2A-14 - Construct	09-Sep-15	15-Sep-15	-213	6
7	6		09-Sep-15	15-Sep-15	-213	0
TAR.1D.T1WNA14-03	6	TAILRACE - UNIT 1: LIFT T1WNA-14 - Construct	09-Sep-15	15-Sep-15	-213	6
8	39		23-Nov-14 A	17-Jan-15	-212	0
MOB.IC.Supplyo-07	39	ICS Overhead Cranes - Cranes Erection in Bay 1 and 2 (electrical and mechanical incl)	23-Nov-14 A	17-Jan-15	-212	0
9	229		18-Jan-15	04-Sep-15	-195	0
SSB.US.SBB1A00-03	7	SOUTH SERVICE BAY: LIFT SBB1A-00 - Construct	18-Jan-15	25-Jan-15	-190	0
SSB.US.SBU1A01-03	8	SOUTH SERVICE BAY: LIFT SBU1A-01 - Construct	28-Jan-15	05-Feb-15	-190	0
SSB.US.SBU1A02-03	10	SOUTH SERVICE BAY: LIFT SBU1A-02 - Construct	08-Feb-15	18-Feb-15	-190	0
SSB.US.SBU1A03-03	6	SOUTH SERVICE BAY: LIFT SBU1A-03 - Construct	22-Feb-15	03-Mar-15	-151	0
SSB.US.SBU1A04-03	11	SOUTH SERVICE BAY: LIFT SBU1A-04 - Construct	06-Mar-15	16-Mar-15	-194	0
SSB.US.SBU1A05-03	11	SOUTH SERVICE BAY: LIFT SBU1A-05 - Construct	19-Mar-15	30-Mar-15	-194	1
SSB.US.SBU1A06-03	6	SOUTH SERVICE BAY: LIFT SBU1A-06 - Construct	09-Apr-15	14-Apr-15	-195	0
SSB.US.SBU1A07-03	11	SOUTH SERVICE BAY: LIFT SBU1A-07 - Construct	14-Apr-15	25-Apr-15	-195	0
SSB.DS.SBLNA08-03	8	SOUTH SERVICE BAY: LIFT SBLNA-08 - Construct	25-Apr-15	03-May-15	-195	0
INT.1B.I1PSB01-03	6	INTAKE - UNIT 1: LIFT I1PSB-01 - Construct	03-May-15	09-May-15	-195	0
INT.1B.I1PSB02-03	6	INTAKE - UNIT 1: LIFT I1PSB-02 - Construct	09-May-15	15-May-15	-195	0
INT.1B.I1PSB03-03	7	INTAKE - UNIT 1: LIFT I1PSB-03 - Construct	15-May-15	22-May-15	-195	0
INT.1B.I1PSB04-03	7	INTAKE - UNIT 1: LIFT I1PSB-04 - Construct	22-May-15	29-May-15	-195	0



Actual Level of Effort
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summary

EXECUTION DETAILED SCHEDULE

Milestone M26

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

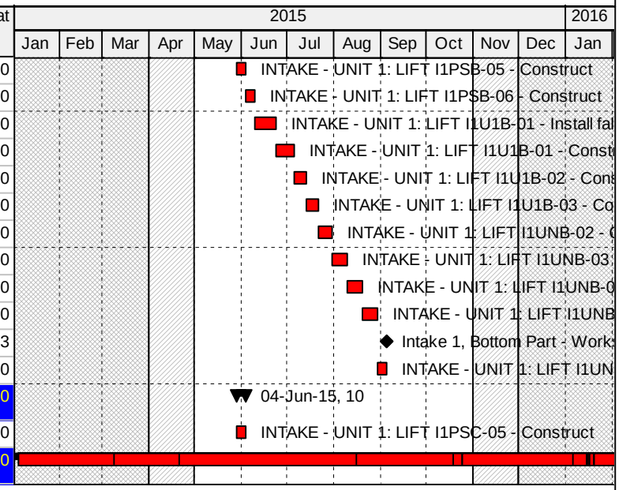
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
INT.1B.I1PSB05-03	6	INTAKE - UNIT 1: LIFT I1PSB-05 - Construct	29-May-15	04-Jun-15	-195	0
INT.1B.I1PSB06-03	6	INTAKE - UNIT 1: LIFT I1PSB-06 - Construct	04-Jun-15	10-Jun-15	-195	0
INT.1B.I1U1B01-05	14	INTAKE - UNIT 1: LIFT I1U1B-01 - Install falsework	10-Jun-15	23-Jun-15	-195	0
INT.1B.I1U1B01-03	12	INTAKE - UNIT 1: LIFT I1U1B-01 - Construct	23-Jun-15	05-Jul-15	-195	0
INT.1B.I1U1B02-03	8	INTAKE - UNIT 1: LIFT I1U1B-02 - Construct	05-Jul-15	13-Jul-15	-195	0
INT.1B.I1U1B03-03	8	INTAKE - UNIT 1: LIFT I1U1B-03 - Construct	13-Jul-15	22-Jul-15	-195	0
INT.1B.I1UNB02-03	9	INTAKE - UNIT 1: LIFT I1UNB-02 - Construct	22-Jul-15	31-Jul-15	-195	0
INT.1B.I1UNB03-03	10	INTAKE - UNIT 1: LIFT I1UNB-03 - Construct	31-Jul-15	10-Aug-15	-195	0
INT.1B.I1UNB04-03	9	INTAKE - UNIT 1: LIFT I1UNB-04 - Construct	10-Aug-15	19-Aug-15	-195	0
INT.1B.I1UNB05-03	10	INTAKE - UNIT 1: LIFT I1UNB-05 - Construct	19-Aug-15	29-Aug-15	-195	0
INT.1B.General-06	0	Intake 1, Bottom Part - Works completion up to elevation 15.5 for ICS dismantling		04-Sep-15	-188	23
INT.1B.I1UNC05-03	6	INTAKE - UNIT 1: LIFT I1UNC-05 - Construct	29-Aug-15	04-Sep-15	-195	0
10	6		29-May-15	04-Jun-15	-195	0
INT.1B.I1PSC05-03	6	INTAKE - UNIT 1: LIFT I1PSC-05 - Construct	29-May-15	04-Jun-15	-195	0
No Float Path	1817		23-Sep-13 A	29-Sep-18	0	0



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

EXECUTION DETAILED SCHEDULE

Milestone M26

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

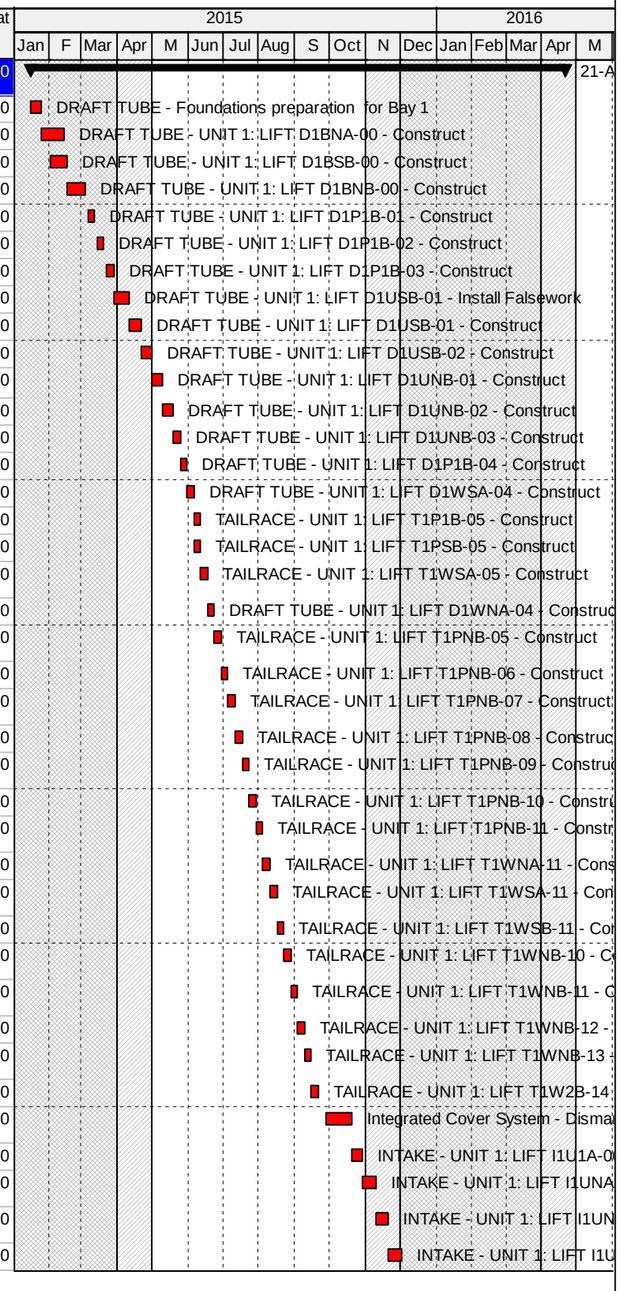
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
1	460		16-Jan-15	21-Apr-16	-21	0
MOB.IC.FinalRo-04	9	DRAFT TUBE - Foundations preparation for Bay 1	16-Jan-15	25-Jan-15	-220	0
DRT.1U.D1BNA00-03	20	DRAFT TUBE - UNIT 1: LIFT D1BNA-00 - Construct	26-Jan-15	14-Feb-15	-220	0
DRT.1D.D1BSB00-03	14	DRAFT TUBE - UNIT 1: LIFT D1BSB-00 - Construct	02-Feb-15	16-Feb-15	-219	0
DRT.1D.D1BNB00-03	16	DRAFT TUBE - UNIT 1: LIFT D1BNB-00 - Construct	16-Feb-15	04-Mar-15	-219	0
DRT.1D.D1P1B01-03	6	DRAFT TUBE - UNIT 1: LIFT D1P1B-01 - Construct	06-Mar-15	12-Mar-15	-219	0
DRT.1D.D1P1B02-03	6	DRAFT TUBE - UNIT 1: LIFT D1P1B-02 - Construct	14-Mar-15	20-Mar-15	-219	0
DRT.1D.D1P1B03-03	6	DRAFT TUBE - UNIT 1: LIFT D1P1B-03 - Construct	23-Mar-15	29-Mar-15	-219	0
DRT.1D.D1USB01-05	14	DRAFT TUBE - UNIT 1: LIFT D1USB-01 - Install Falsework	29-Mar-15	12-Apr-15	-220	0
DRT.1D.D1USB01-03	9	DRAFT TUBE - UNIT 1: LIFT D1USB-01 - Construct	12-Apr-15	21-Apr-15	-219	0
DRT.1D.D1USB02-03	9	DRAFT TUBE - UNIT 1: LIFT D1USB-02 - Construct	21-Apr-15	30-Apr-15	-219	0
DRT.1D.D1UNB01-03	9	DRAFT TUBE - UNIT 1: LIFT D1UNB-01 - Construct	30-Apr-15	09-May-15	-219	0
DRT.1D.D1UNB02-03	9	DRAFT TUBE - UNIT 1: LIFT D1UNB-02 - Construct	09-May-15	18-May-15	-219	0
DRT.1D.D1UNB03-03	7	DRAFT TUBE - UNIT 1: LIFT D1UNB-03 - Construct	18-May-15	25-May-15	-219	0
DRT.1D.D1P1B04-03	6	DRAFT TUBE - UNIT 1: LIFT D1P1B-04 - Construct	25-May-15	31-May-15	-219	0
DRT.1D.D1WSA04-03	6	DRAFT TUBE - UNIT 1: LIFT D1WSA-04 - Construct	31-May-15	06-Jun-15	-219	0
TAR.1W.T1P1B05-03	6	TAILRACE - UNIT 1: LIFT T1P1B-05 - Construct	06-Jun-15	12-Jun-15	-219	0
TAR.1W.T1PSB05-03	6	TAILRACE - UNIT 1: LIFT T1PSB-05 - Construct	06-Jun-15	12-Jun-15	-219	0
TAR.1W.T1WSA05-03	6	TAILRACE - UNIT 1: LIFT T1WSA-05 - Construct	12-Jun-15	18-Jun-15	-219	0
DRT.1D.D1WNA04-03	6	DRAFT TUBE - UNIT 1: LIFT D1WNA-04 - Construct	18-Jun-15	24-Jun-15	-219	0
TAR.1W.T1PNB05-03	6	TAILRACE - UNIT 1: LIFT T1PNB-05 - Construct	24-Jun-15	30-Jun-15	-219	0
TAR.1W.T1PNB06-03	6	TAILRACE - UNIT 1: LIFT T1PNB-06 - Construct	30-Jun-15	06-Jul-15	-219	0
TAR.1W.T1PNB07-03	6	TAILRACE - UNIT 1: LIFT T1PNB-07 - Construct	06-Jul-15	12-Jul-15	-219	0
TAR.1W.T1PNB08-03	6	TAILRACE - UNIT 1: LIFT T1PNB-08 - Construct	12-Jul-15	18-Jul-15	-219	0
TAR.1W.T1PNB09-03	6	TAILRACE - UNIT 1: LIFT T1PNB-09 - Construct	18-Jul-15	24-Jul-15	-219	0
TAR.1W.T1PNB10-03	6	TAILRACE - UNIT 1: LIFT T1PNB-10 - Construct	24-Jul-15	30-Jul-15	-219	0
TAR.1W.T1PNB11-03	6	TAILRACE - UNIT 1: LIFT T1PNB-11 - Construct	30-Jul-15	05-Aug-15	-219	0
TAR.1W.T1WNA11-03	6	TAILRACE - UNIT 1: LIFT T1WNA-11 - Construct	05-Aug-15	11-Aug-15	-219	0
TAR.1W.T1WSA11-03	6	TAILRACE - UNIT 1: LIFT T1WSA-11 - Construct	11-Aug-15	17-Aug-15	-219	0
TAR.1W.T1WSB11-03	6	TAILRACE - UNIT 1: LIFT T1WSB-11 - Construct	17-Aug-15	23-Aug-15	-219	0
TAR.1W.T1WNB10-03	6	TAILRACE - UNIT 1: LIFT T1WNB-10 - Construct	23-Aug-15	29-Aug-15	-219	0
TAR.1W.T1WNB11-03	6	TAILRACE - UNIT 1: LIFT T1WNB-11 - Construct	29-Aug-15	04-Sep-15	-219	0
TAR.1D.T1WNB12-03	6	TAILRACE - UNIT 1: LIFT T1WNB-12 - Construct	04-Sep-15	09-Sep-15	-219	0
TAR.1D.T1WNB13-03	6	TAILRACE - UNIT 1: LIFT T1WNB-13 - Construct	09-Sep-15	15-Sep-15	-219	0
TAR.1D.T1W2B14-03	6	TAILRACE - UNIT 1: LIFT T1W2B-14 - Construct	15-Sep-15	21-Sep-15	-219	0
MOB.IC.Integra-33	21	Integrated Cover System - Dismantle ICS Structural Steel for Bay 1	28-Sep-15	19-Oct-15	-219	0
INT.1M.I1U1A06-03	10	INTAKE - UNIT 1: LIFT I1U1A-06 - Construct	19-Oct-15	29-Oct-15	-209	0
INT.1M.I1UNA06-03	12	INTAKE - UNIT 1: LIFT I1UNA-06 - Construct	29-Oct-15	10-Nov-15	-209	0
INT.1M.I1UNA07-03	10	INTAKE - UNIT 1: LIFT I1UNA-07 - Construct	10-Nov-15	20-Nov-15	-209	0
INT.1M.I1UNA08-03	12	INTAKE - UNIT 1: LIFT I1UNA-08 - Construct	20-Nov-15	02-Dec-15	-209	0



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

EXECUTION DETAILED SCHEDULE

Milestone M28

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

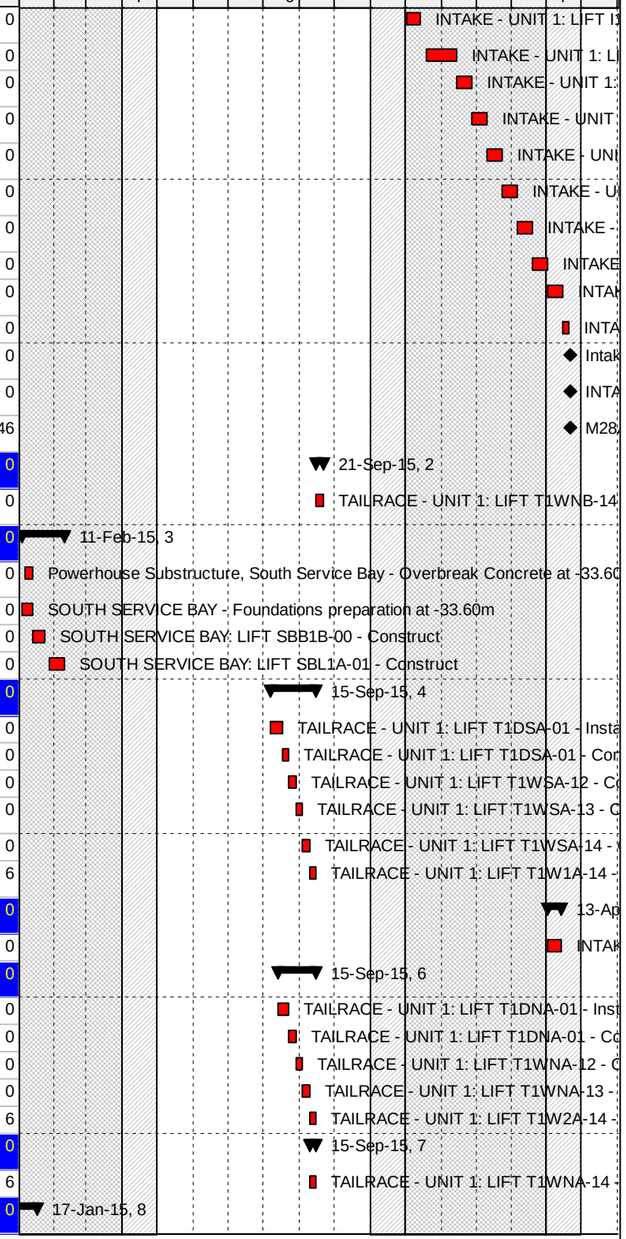
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
INT.1M.I1USA08-03	12	INTAKE - UNIT 1: LIFT I1USA-08 - Construct	02-Dec-15	14-Dec-15	-209	0
INT.1M.I1USA09-03	12	INTAKE - UNIT 1: LIFT I1USA-09 - Construct	19-Dec-15	14-Jan-16	-209	0
INT.1U.I1MSB01-03	13	INTAKE - UNIT 1: LIFT I1MSB-01 - Construct	14-Jan-16	27-Jan-16	-209	0
INT.1U.I1MSB02-03	13	INTAKE - UNIT 1: LIFT I1MSB-02 - Construct	27-Jan-16	09-Feb-16	-209	0
INT.1U.I1MSB03-03	13	INTAKE - UNIT 1: LIFT I1MSB-03 - Construct	09-Feb-16	22-Feb-16	-209	0
INT.1U.I1MSB04-03	13	INTAKE - UNIT 1: LIFT I1MSB-04 - Construct	22-Feb-16	06-Mar-16	-209	0
INT.1U.I1MSB05-03	13	INTAKE - UNIT 1: LIFT I1MSB-05 - Construct	06-Mar-16	19-Mar-16	-209	0
INT.1U.I1MSB06-03	13	INTAKE - UNIT 1: LIFT I1MSB-06 - Construct	19-Mar-16	01-Apr-16	-209	0
INT.1U.I1MSA07-03	13	INTAKE - UNIT 1: LIFT I1MSA-07 - Construct	01-Apr-16	14-Apr-16	-76	0
INT.1U.I1MSA08-03	6	INTAKE - UNIT 1: LIFT I1MSA-08 - Construct	14-Apr-16	20-Apr-16	-76	0
INT.1U.General-01	0	Intake 1, Upper Part - Works completion		21-Apr-16	-20	0
INT.1G.General-03	0	INTAKE - UNIT 1 - Works completion for M28A		21-Apr-16	-20	0
PWH.E9.General-18	0	M28A - UNIT 1 - INTAKE STRUCTURE COMPLETE & READY FOR START OF MECHANICAL WORKS		21-Apr-16*	-20	746
2	6		15-Sep-15	21-Sep-15	-219	0
TAR.1D.T1WNB14-03	6	TAILRACE - UNIT 1: LIFT T1WNB-14 - Construct	15-Sep-15	21-Sep-15	-219	0
3	37		05-Jan-15	11-Feb-15	-215	0
MOB.IC.FinalRo-08	7	Powerhouse Substructure, South Service Bay - Overbreak Concrete at -33.60m	07-Jan-15	13-Jan-15	-215	0
MOB.IC.FinalRo-01	9	SOUTH SERVICE BAY - Foundations preparation at -33.60m	05-Jan-15	13-Jan-15	-215	0
SSB.DS.SBB1B00-03	10	SOUTH SERVICE BAY: LIFT SBB1B-00 - Construct	13-Jan-15	24-Jan-15	-214	0
SSB.DS.SBL1A01-03	14	SOUTH SERVICE BAY: LIFT SBL1A-01 - Construct	28-Jan-15	11-Feb-15	-214	0
4	40		07-Aug-15	15-Sep-15	-213	0
TAR.1W.T1DSA01-05	10	TAILRACE - UNIT 1: LIFT T1DSA-01 - Install Falsework	07-Aug-15	17-Aug-15	-213	0
TAR.1W.T1DSA01-03	6	TAILRACE - UNIT 1: LIFT T1DSA-01 - Construct	17-Aug-15	22-Aug-15	-213	0
TAR.1D.T1WSA12-03	6	TAILRACE - UNIT 1: LIFT T1WSA-12 - Construct	22-Aug-15	28-Aug-15	-213	0
TAR.1D.T1WSA13-03	6	TAILRACE - UNIT 1: LIFT T1WSA-13 - Construct	28-Aug-15	03-Sep-15	-213	0
TAR.1D.T1WSA14-03	6	TAILRACE - UNIT 1: LIFT T1WSA-14 - Construct	03-Sep-15	09-Sep-15	-213	0
TAR.1D.T1W1A14-03	6	TAILRACE - UNIT 1: LIFT T1W1A-14 - Construct	09-Sep-15	15-Sep-15	-213	6
5	12		01-Apr-16	13-Apr-16	-209	0
INT.1U.I1MSB07-03	12	INTAKE - UNIT 1: LIFT I1MSB-07 - Construct	01-Apr-16	13-Apr-16	-209	0
6	34		13-Aug-15	15-Sep-15	-213	0
TAR.1W.T1DNA01-05	10	TAILRACE - UNIT 1: LIFT T1DNA-01 - Install Falsework	13-Aug-15	22-Aug-15	-213	0
TAR.1W.T1DNA01-03	6	TAILRACE - UNIT 1: LIFT T1DNA-01 - Construct	22-Aug-15	28-Aug-15	-213	0
TAR.1D.T1WNA12-03	6	TAILRACE - UNIT 1: LIFT T1WNA-12 - Construct	28-Aug-15	03-Sep-15	-213	0
TAR.1D.T1WNA13-03	6	TAILRACE - UNIT 1: LIFT T1WNA-13 - Construct	03-Sep-15	09-Sep-15	-213	0
TAR.1D.T1W2A14-03	6	TAILRACE - UNIT 1: LIFT T1W2A-14 - Construct	09-Sep-15	15-Sep-15	-213	6
7	6		09-Sep-15	15-Sep-15	-213	0
TAR.1D.T1WNA14-03	6	TAILRACE - UNIT 1: LIFT T1WNA-14 - Construct	09-Sep-15	15-Sep-15	-213	6
8	39		23-Nov-14 A	17-Jan-15	-212	0



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

EXECUTION DETAILED SCHEDULE

Milestone M28

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

CLIENT: NALCOR energy

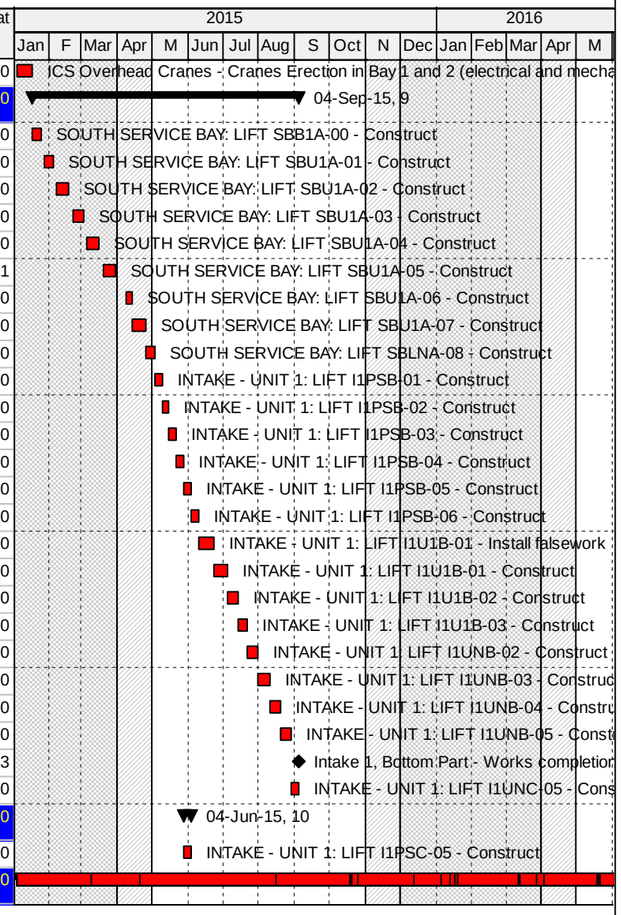
PROJECT: LOWER CHURCHILL PROJECT

MUSKRAT FALLS HYDRO PROJECT

CH0007: CIVIL WORKS

ASTALDI CANADA inc

Activity ID	Original Duration	Activity Name	Start	Finish	Total Float	Free Float
MOB.IC.Supplyo-07	39	ICS Overhead Cranes - Cranes Erection in Bay 1 and 2 (electrical and mechanical incl)	23-Nov-14 A	17-Jan-15	-212	0
9	229		18-Jan-15	04-Sep-15	-195	0
SSB.US.SBB1A00-03	7	SOUTH SERVICE BAY: LIFT SBB1A-00 - Construct	18-Jan-15	25-Jan-15	-190	0
SSB.US.SBU1A01-03	8	SOUTH SERVICE BAY: LIFT SBU1A-01 - Construct	28-Jan-15	05-Feb-15	-190	0
SSB.US.SBU1A02-03	10	SOUTH SERVICE BAY: LIFT SBU1A-02 - Construct	08-Feb-15	18-Feb-15	-190	0
SSB.US.SBU1A03-03	6	SOUTH SERVICE BAY: LIFT SBU1A-03 - Construct	22-Feb-15	03-Mar-15	-151	0
SSB.US.SBU1A04-03	11	SOUTH SERVICE BAY: LIFT SBU1A-04 - Construct	06-Mar-15	16-Mar-15	-194	0
SSB.US.SBU1A05-03	11	SOUTH SERVICE BAY: LIFT SBU1A-05 - Construct	19-Mar-15	30-Mar-15	-194	1
SSB.US.SBU1A06-03	6	SOUTH SERVICE BAY: LIFT SBU1A-06 - Construct	09-Apr-15	14-Apr-15	-195	0
SSB.US.SBU1A07-03	11	SOUTH SERVICE BAY: LIFT SBU1A-07 - Construct	14-Apr-15	25-Apr-15	-195	0
SSB.DS.SBLNA08-03	8	SOUTH SERVICE BAY: LIFT SBLNA-08 - Construct	25-Apr-15	03-May-15	-195	0
INT.1B.I1PSB01-03	6	INTAKE - UNIT 1: LIFT I1PSB-01 - Construct	03-May-15	09-May-15	-195	0
INT.1B.I1PSB02-03	6	INTAKE - UNIT 1: LIFT I1PSB-02 - Construct	09-May-15	15-May-15	-195	0
INT.1B.I1PSB03-03	7	INTAKE - UNIT 1: LIFT I1PSB-03 - Construct	15-May-15	22-May-15	-195	0
INT.1B.I1PSB04-03	7	INTAKE - UNIT 1: LIFT I1PSB-04 - Construct	22-May-15	29-May-15	-195	0
INT.1B.I1PSB05-03	6	INTAKE - UNIT 1: LIFT I1PSB-05 - Construct	29-May-15	04-Jun-15	-195	0
INT.1B.I1PSB06-03	6	INTAKE - UNIT 1: LIFT I1PSB-06 - Construct	04-Jun-15	10-Jun-15	-195	0
INT.1B.I1U1B01-05	14	INTAKE - UNIT 1: LIFT I1U1B-01 - Install falsework	10-Jun-15	23-Jun-15	-195	0
INT.1B.I1U1B01-03	12	INTAKE - UNIT 1: LIFT I1U1B-01 - Construct	23-Jun-15	05-Jul-15	-195	0
INT.1B.I1U1B02-03	8	INTAKE - UNIT 1: LIFT I1U1B-02 - Construct	05-Jul-15	13-Jul-15	-195	0
INT.1B.I1U1B03-03	8	INTAKE - UNIT 1: LIFT I1U1B-03 - Construct	13-Jul-15	22-Jul-15	-195	0
INT.1B.I1UNB02-03	9	INTAKE - UNIT 1: LIFT I1UNB-02 - Construct	22-Jul-15	31-Jul-15	-195	0
INT.1B.I1UNB03-03	10	INTAKE - UNIT 1: LIFT I1UNB-03 - Construct	31-Jul-15	10-Aug-15	-195	0
INT.1B.I1UNB04-03	9	INTAKE - UNIT 1: LIFT I1UNB-04 - Construct	10-Aug-15	19-Aug-15	-195	0
INT.1B.I1UNB05-03	10	INTAKE - UNIT 1: LIFT I1UNB-05 - Construct	19-Aug-15	29-Aug-15	-195	0
INT.1B.General-06	0	Intake 1, Bottom Part - Works completion up to elevation 15.5 for ICS dismantling		04-Sep-15	-188	23
INT.1B.I1UNC05-03	6	INTAKE - UNIT 1: LIFT I1UNC-05 - Construct	29-Aug-15	04-Sep-15	-195	0
10	6		29-May-15	04-Jun-15	-195	0
INT.1B.I1PSC05-03	6	INTAKE - UNIT 1: LIFT I1PSC-05 - Construct	29-May-15	04-Jun-15	-195	0
No Float Path	1817		23-Sep-13 A	29-Sep-18	0	0



Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
summary

EXECUTION DETAILED SCHEDULE

Milestone M28

Date	Revision
11-Jan-15	ISSUED TO NALCOR FOR COMMENTS

Appendix E: Purchase Order (PO) Register

PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUNT	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUN	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30002002	10	0	29-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	032-06302707	REBAR POSITIONING LANYARDS-SALA DELTA#59202	NR	CAD	25.00	139.95	3,498.75	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	29-11-2014	
E30002002	20	0	29-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	032-06302708	SELF RETRACTING LIFELINE-SALA DELTA# 3101283	NR	CAD	25.00	399.95	9,998.75	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	29-11-2014	
E30003118	10	0	13-12-2014	000000586	SERCO CANADA INC	C0805012	REPAIR SERVICE	NR	CAD	1.00	150.00	150.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	LEGROW DERRICK	CAD	0.00	13-12-2014	INSPECTION AND CERTIFICATION FOR TEREX
E30003118	20	0	13-12-2014	000000586	SERCO CANADA INC	C0805012	REPAIR SERVICE	NR	CAD	1.00	150.00	150.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	LEGROW DERRICK	CAD	0.00	13-12-2014	INSPECTION AND CERTIFICATION FOR TEREX
E30003118	30	0	13-12-2014	000000586	SERCO CANADA INC	C0805012	REPAIR SERVICE	NR	CAD	1.00	150.00	150.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	LEGROW DERRICK	CAD	0.00	13-12-2014	INSPECTION AND CERTIFICATION FOR TEREX
E30003118	40	0	13-12-2014	000000586	SERCO CANADA INC	C0805012	REPAIR SERVICE	NR	CAD	1.00	25.00	25.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	LEGROW DERRICK	CAD	0.00	13-12-2014	SHOP CONSUMABLE CHARGE ON EACH
E30003224	10	0	11-12-2014	000000655	East Coast Internation Trucks Inc	2INR2201578C4	DOOR ENTRANCE CASING #2201578C4	NR	CAD	2.00	391.28	782.56	0.00	0.00	0.00	25-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	11-12-2014	INTERNATIONAL BUS PB10500
E30003224	20	0	11-12-2014	000000655	East Coast Internation Trucks Inc	2INR2587476C91	CONNECTING ROD #2587476C91	NR	CAD	2.00	120.90	241.80	0.00	0.00	0.00	25-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	11-12-2014	PART NUMBER:
E30003224	30	0	11-12-2014	000000655	East Coast Internation Trucks Inc	2INR2587478C1	HEX ROD #2587478C1	NR	CAD	2.00	21.33	42.66	0.00	0.00	0.00	25-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	11-12-2014	INTERNATIONAL BUS PB10500
E30003224	40	0	11-12-2014	000000655	East Coast Internation Trucks Inc	2INR2587473C1	LINKAGE ROD #2587473C1	NR	CAD	2.00	30.76	61.52	0.00	0.00	0.00	25-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	11-12-2014	PART NUMBER:
E30003467	10	0	19-12-2014	000000388	CONTRACTOR'S ENGINEERING INC	023-01321505	CEI DRAFT TUBE PUSH/PULL BRACES & WORK PLATF	NR	USD	1.00	211,280.00	211,280.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	19-12-2014	AS PER QUOTATION 257-13-B2
E30003479	10	0	02-12-2014	000000484	HICKMAN TRUCK CENTRE	2INR2607897C91	DRIVER'S HEATER MOTOR #2607897C91	NR	CAD	2.00	190.00	380.00	0.00	0.00	0.00	04-12-2014	2.00	380.00	0.00	0.00	10-12-2014	M00010824	276793T INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	
E30003495	10	0	01-12-2014	000000272	VALLEY RENTALS & SALES LTD	00308110022	HYDRAULIC OIL 32 WEIGHT (20 LITER PAIL)	LT	CAD	1,000.00	3.65	3,650.00	0.00	0.00	0.00	01-12-2014	1,000.00	3,650.00	1,000.00	3,800.00	01-12-2014	M00010690	INV219559	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	01-12-2014	50 PAILS
E30003497	10	0	19-12-2014	000000388	CONTRACTOR'S ENGINEERING INC	023-01321501	CEI DRAFT TUBE FORMWORK ACCESSORIES	NR	USD	4.00	48,970.00	195,880.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	19-12-2014	AS PER ATTACHED QUOTATION 257-13-C1
E30003531	10	0	26-11-2014	000000298	ATLAS COPCO CONSTRUCTION EQUIP. CAN	2ATC257001G2P10DD	E-T-A CIRCUIT BREAKER #2-5700-1G2-P10-DD	NR	CAD	2.00	147.87	295.74	0.00	0.00	0.00	02-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	26-11-2014	15 AMP AC250V DC 28 VOLT
E30003532	10	0	26-11-2014	000000133	INDUSTRIAL RELATIONS MANAGEMENT	C0806013	WORKS AND SERVICES (NR)	NR	CAD	1.00	3,400.00	3,400.00	0.00	0.00	0.00	26-11-2014	1.00	3,400.00	1.00	3,400.00	26-11-2014	M00009540			E300001	10506	62500002	Hiscock Andrew	CAD	3,400.00	26-11-2014	
E30003533	10	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT235345006	FUSE 1-MT #235345006	NR	CAD	10.00	1.60	16.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	20	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT292117002	FUSE 12-5A #292117002	NR	CAD	10.00	1.60	16.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	30	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT292118001	FUSE 4A-MT #292118001	NR	CAD	10.00	1.60	16.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	40	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT580765	VALVE 4/2 WAY 24 VOLT #580765	NR	CAD	1.00	275.71	275.71	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	50	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT278493009	TEMPERATURE TRANSMITTER #278493009	NR	CAD	1.00	96.43	96.43	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	60	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT580763	VALVE 4/3 24 VOLT #580763	NR	CAD	1.00	254.38	254.38	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	70	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT580764	VALVE 4/2 24 VOLT #580764	NR	CAD	1.00	140.18	140.18	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	80	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT558357	SOLENOID #558357	NR	CAD	1.00	310.62	310.62	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	90	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT409337	ELECTRIC MOTOR 24 VOLT #409337	NR	CAD	1.00	320.81	320.81	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	09-12-2014	REPLACED BY:
E30003533	100	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUTA506146	SENSOR BOOM RESET SWITCH #A506146	NR	CAD	1.00	119.69	119.69	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	110	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT539246	CENTRAL ELECTRIC LUBE PUMP 24 VOLT #539246	NR	CAD	1.00	1,132.60	1,132.60	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	120	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUTA052013	FUSE MAXI 50 AMP #A052013	NR	CAD	10.00	5.13	51.30	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	130	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT067155008	PLASTIC HOUSING #067155008	NR	CAD	1.00	84.06	84.06	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	140	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT402758	PUSHBUTTON E-STOP #402758	NR	CAD	1.00	105.83	105.83	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	150	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT243733008	CIRCUIT ELEMENT F BUTTON 10 #243733008	NR	CAD	1.00	15.13	15.13	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	160	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT238083006	FUSE 6.3 A-T 250V #238083006	NR	CAD	5.00	3.02	15.10	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	170	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT532745	VIBRATOR 24 VOLT #532745	NR	CAD	1.00	733.69	733.69	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	180	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT530321	HOPPER SAFETY SWITCH/ELECTRIC RETROFIT KIT 53	NR	CAD	1.00	989.56	989.56	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	ITEM NUMBER:
E30003533	190	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT573969	AXIAL FAN 24 VOLT #573969	NR	CAD	1.00	320.81	320.81	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	09-12-2014	PART NUMBER:
E30003533	200	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT067060005	TEMPERATURE TRANSMITTER 50 CELCIUS #0670600	NR	CAD	1.00	70.02	70.02	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	210	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT403405	TEMPERATURE TRANSMITTER 90 CELCIUS #403405	NR	CAD	1.00	93.87	93.87	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	220	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT267377000	COIL 24 VOLT #267377000	NR	CAD	3.00	103.39	310.17	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	230	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT232281008	FUSE 30 AMP #232281008	NR	CAD	5.00	1.60	8.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	240	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT274147003	RELAY 24 VOLT (K69) #274147003	NR	CAD	4.00	13.14	52.56	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	250	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT269463006	CHANGE OVER RELAY 24 VOLT #269463006	NR	CAD	4.00	22.62	90.48	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	260	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT021389001	BULB 24 VOLT 5W 58.5 #021389001	NR	CAD	4.00	1.60	6.40	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	270	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT433369	SWITCH BOX #433369	NR	CAD	2.00	155.94	311.88	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	280	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT270321001	PROXIMITY BOX #270321001	NR	CAD	4.00	397.12	1,588.48	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	290	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUTA052666	PNEUMATIC VALVE ALVT-CASP 12V #A052666	NR	CAD	1.00	232.27	232.27	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	300	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT239584009	MECHANICAL LIMIT SWITCH #239584009	NR	CAD	2.00	158.23	316.46	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	310	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT067032008	TOGGLE SWITCH A, V, 15, OE #067032008	NR	CAD	8.00	35.79	286.32	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	320	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT462265	JUNCTION BOX #462265	NR	CAD	2.00	138.33	276.66	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	330	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT067034006	TOGGLE BOX #067034006	NR	CAD	1.00	25.16	25.16	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	340	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT067037003	RUBBER CAP #067037003	NR	CAD	12.00	5.46	65.52	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003533	350	0	26-11-2014	000000306	POMPACTION INCORPORATED	2PUT258632000	TOGGLE SWITCH 12A 28V #258632000	NR	CAD	1.00	97.27	97.27	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003534	10	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	03210203027	LANYARD SHOCK ABSORBING 6' TYPE E6	NR	CAD	30.00	41.61	1,248.30	0.00	0.00	0.00	04-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	26-11-2014	REQUIREMENT IS FOR ACKLANDS #CDRFPL6E6 A
E30003535	10	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	031-51112101	ERGODYNE ADJUSTABLE ICI TRACTION	NR	CAD	2,000.00	15.50	31,000.00	0.00	0.00	0.00	03-12-2014	1,480.00	22,940.00	0.00	0.00	02-12-2014	M00010962	76280003169	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	26-11-2014	FULL FOOT TRACTION AID
E30003535	10	1	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	031-51112101	ERGODYNE ADJUSTABLE ICI TRACTION	NR	CAD	0.00	15.50	0.00	0.00	520.00	8,060.00	03-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	26-11-2014	FULL FOOT TRACTION AID
E30003535	20	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	031-51112101	ERGODYNE ADJUSTABLE ICI TRACTION	NR	CAD	40.00	35.39	1,415.60	0.00	0.00	0.00	03-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	26-11-2014	DELIVERED TO SITE THURSDAY NOV 20
E30003535	30	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	031-51112101	ERGODYNE ADJUSTABLE ICI TRACTION	NR	CAD	60.00	43.20	2,592.00	0.00	0.00	0.00	03-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	26-11-2014	DELIVERED TO SITE NOV 20
E30003536	10	0	26-11-2014	000000655	East Coast Internation Trucks Inc	2INR442370001	ADHESIVE TAPE #442370001	NR	CAD	8.00	72.72	581.76	0.00	0.00	0.00	03-12-2014	8.00	581.76	8.00	654.74	05-12-2014	M00010760	1-243380044	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	26-11-2014	PART NUMBER:
E30003536	20	0	26-11-2014	000000655	East Coast Internation Trucks Inc	2INR41845000	ADHESIVE EPOXY #41845000	NR	CAD	2.00	20.74	41.48	0.00	0.00	0.00	03-12-2014	2.00	41.48	2.00	41.48	05-12-2014	M00010760	1-243380044	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	26-11-2014	PART NUMBER:
E30003536	30	0	26-11-2014	000000655	East Coast Internation Trucks Inc	2INR2643839R1	ADHESIVE SEALANT #2643839R1	NR	CAD	2.00	17.70	35.40	0.00	0.00	0.00	03-12-2014	2.00	35.40	2.00	35.40	05-12-2014	M00010760	1-243380044	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	26-11-2014	PART NUMBER:
E30003536	40	0	26-11-2014	000000655	East Coast Internation Trucks Inc	2INR2587472C1	JAM NUT #2587472C1	NR	CAD	4.00	120.90	483.60	0.00	0.00	0.00	03-12-2014	4.00	483.60	4.00	556.59	05-12-2014	M00010760	1-243380044	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	26-11-2014	PART NUMBER:
E30003537	10	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	041-02720801	NOTE BOOK	NR	CAD	20.00	22.20	444.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	26-11-2014	RIR 373MX
E30003537	20	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	390-30010116	BINOCULARS	NR	CAD	2.00	83.36	166.72	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	26-11-2014	WWG 2UY3S
E30003537	30	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	03244422054	FLASHLIGHT	NR	CAD	10.00	7.59	75.90	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	26-11-2014	EVR 1251L
E30003537	40	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	390-23021001	MEASURING TAPE	NR	CAD	5.00	20.53	102.65	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	26-11-2014	WWG 3LJN8
E30003537	50	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	327-10001086	UTILITY KNIFE (RETRACTABLE)	NR	CAD	10.00	9.22	92.20	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	26-11-2014	OLF 5K4
E30003537	60	0	26-11-2014	000000295	ACKLANDS-GRAINGER INC.	417-20114010	PLASTIC ZIP TIE 6"	NR	CAD	2.00	20.75	41.50	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	26-11-2014	SOLD IN QUATITY OF 1 PK = 1000 EA
E30003538	10	0	26-11-2014	000000163	NAPA GOOSE BAY AUTO PARTS	2CATGE866	BULB	NR	CAD	24.00	7.99	191.76	0.00	0.00	0.00	12-12-2014	24.00	191.76	0.00	0.00	15-12-2014	M00010867	412-039186	E30001	E300001	0099100		Hillier Vicki	CAD	0.00	27-11-2014	
E30003539	10	0	26-11-2014	000000342	BELL MOBILITY INC (RADIO DIVISION)	C0805018	SW TECHNICAL ASSISTANCE (NR)	NR	CAD	1.00	3,315.00	3,315.00	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	Hillier Vicki	CAD	0.00	27-11-2014	2 BELL ALIANT TECHNICIANS TO
E30003540	10	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE60040329	THROTTLE CABLE # 60040329	NR	CAD	8.00	107.86	862.88	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003540	20	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE20210062	SPRING # 20210062	NR	CAD	8.00	13.73	109.84	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003540	30	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE87000132	PIN # 87000132	NR	CAD	8.00	393.64	3,149.12	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003540	40	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE22412001	PIN # 22412001	NR	CAD	8.00	2.59	20.72	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003540	50	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE08074200	NYLON SPACER # 08074200	NR	CAD	28.00	2.59	72.52	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003540	60	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE22190001	NUT # 22190001	NR	CAD	56.00	2.59	145.04	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003540	70	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE87000002	CLEVIS PIN # 87000002	NR	CAD	28.00	7.23	202.44	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003540	80	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE22000007	BOLT # 22000007	NR	CAD	56.00	2.59	145.04	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003540	90	0	27-11-2014	000000441	Cropac Equipment Inc	2FRE22000006	WASHER # 22000006	NR	CAD	28.00	2.59	72.52	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	FREIGHTLINER BOOM TRUCKS
E30003541	10	0	27-11-2014	000000216	NATIONAL SAFETY EQUIPMENT	032-50000502	PADS ABSORBENT OIL ONLY 16X18 HI POINT HI-AL-P	NR	CAD	2,000.00	0.88	1,779.00	0.00	0.00	0.00	02-12-2014	2,000.00	1,779.00	2,000.00	1,799.00	06-12-2014	M00010767	5-402754 INV	E30001	E300001	10300		Lannon Sean	CAD	0.00	27-11-2014	ABSORBENT PADS FOR OIL
E30003542	10	0	27-11-2014	000000495	STAPLES CANADA	041-01281300	ORIENTATION MANUAL (FOR PEOPLE AT ORIENTATI	NR	CAD	1,000.00	2.48	2,480.98	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10200		Hillier Vicki	CAD	0.00	27-11-2014	STAPLES
E30003542	20	0	27-11-2014	000000495	STAPLES CANADA	041-03611014	PEN BALL 1.00MM BLUE	NR	CAD	1,000.00	0.65	650.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10200		Hillier Vicki	CAD	0.00	27-11-2014	ASTALDI PEN
E30003543	10	0	27-11-2014	000000218	TOSSS SIGNS INC	032-35108054	STICKER 1X3	NR	CAD	1,000.00	0.89	890.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10200		Hillier Vicki	CAD	0.00	27-11-2014	
E30003543	20	0	27-11-2014	000000218	TOSSS SIGNS INC	032-35105051	ROUND STICKER DECAL	NR	CAD	1,000.00	1.85	1,850.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10200		Hillier Vicki	CAD	0.00	27-11-2014	3X3 LCP ORIENTATIO/WORKSAFE
E30003543	30	0	27-11-2014	000000218	TOSSS SIGNS INC	032-36108074	2X3 DECAL	NR	CAD	1,000.00	1.45	1,450.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10200		Hillier Vicki	CAD	0.00	27-11-2014	LABRADOR FLAG DECALS
E30003543	40	0	27-11-2014	000000218	TOSSS SIGNS INC	032-35109051	DECAL 2X2	NR	CAD	1,000.00	0.89	890.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10200		Hillier Vicki	CAD	0.00	27-11-2014	CANADIAN MAPLE LEAF DECALS
E30003544	10	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188433	ELBOW P2W ZXM 180/150 90 DEG SWING W/CLEAN	NR	CAD	1.00	1,400.87	1,400.87	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188433
E30003544	20	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188434	ELBOW P2W ZX 150-6.0-74 90 DEGREE #P188434	NR	CAD	1.00	872.87	872.87	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188434
E30003544	30	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188435	REDUCER P2W ZXV 150-6/SK125-5.5 1200MM #P18	NR	CAD	1.00	1,089.56	1,089.56	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188435
E30003544	40	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP246601	D ELBOW P2W SK125-5.5-74 45 DEGREE #P246601	NR	CAD	1.00	498.09	498.09	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P246601
E30003544	50	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP071295	O-RING M40.9X12.6 #P071295	NR	CAD	1.00	1.57	1.57	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P071295
E30003544	60	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP00005909	O-RING 170.81 X 7 #P00005909	NR	CAD	2.00	1.29	2.58	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P00005909
E30003544	70	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188426	DECK PIPE P2W DIN 125.5 5.6 +3MMX3000MM #P18	NR	CAD	2.00	524.54	1,049.08	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188426
E30003544	80	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188437	ELBOW P2W SK125-5.5-72 10 DEGREE #P188437	NR	CAD	1.00	199.45	199.45	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188437
E30003544	90	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP079662	DEL ELBOW HARDENED SK125/5.5X1335 #P079662	NR	CAD	1.00	2,176.90	2,176.90	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P079662
E30003544	100	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188443	ELBOW P2W SK125-5.5-74 90 DEG R=275 #P188443	NR	CAD	1.00	352.88	352.88	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188433
E30003544	110	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188422	DECK PIPE P2W DIN 125.5 5.6 +3MMX1000MM #P18	NR	CAD	1.00	236.28	236.28	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188422
E30003544	120	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP00006169	SEAL TYPE C D125/5.5" #P00006169	NR	CAD	9.00	4.28	38.52	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P00006169
E30003544	130	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188433	ELBOW P2W ZXM 180/150 90 DEG SWING W/CLEAN	NR	CAD	1.00	1,400.87	1,400.87	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188433
E30003544	140	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188434	ELBOW P2W ZX 150-6.0-74 90 DEGREE #P188434	NR	CAD	1.00	872.87	872.87	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188434
E30003544	150	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188435	REDUCER P2W ZXV 150-6/SK125-5.5 1200MM #P18	NR	CAD	1.00	1,089.56	1,089.56	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188435
E30003544	160	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP246601	D ELBOW P2W SK125-5.5-74 45 DEGREE #P246601	NR	CAD	1.00	498.09	498.09	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P246601
E30003544	170	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP071295	O-RING M40.9X12.6 #P071295	NR	CAD	1.00	1.57	1.57	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P071295
E30003544	180	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP00005909	O-RING 170.81 X 7 #P00005909	NR	CAD	2.00	1.29	2.58	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P00005909
E30003544	190	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188427	DECK PIPE P2W DIN 125.5 5.6 +3MM X 3500MM #P1	NR	CAD	1.00	596.59	596.59	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188427
E30003544	200	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188426	DECK PIPE P2W DIN 125.5 5.6 +3MMX3000MM #P18	NR	CAD	1.00	524.54	524.54	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188426
E30003544	210	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188443	ELBOW P2W SK125-5.5-74 90 DEG R=275 #P188443	NR	CAD	1.00	352.88	352.88	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188443
E30003544	220	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP188423	DECK PIPE P2W DIN 125.5 5.6 +3MMX1500MM #P18	NR	CAD	1.00	308.39	308.39	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P188423
E30003544	230	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP00006169	SEAL TYPE C D125/5.5" #P00006169	NR	CAD	7.00	3.54	24.78	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	P00006169
E30003546	10	0	27-11-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	040-21623310	ANCHOR BOLT 1" A193 GRADE B7 (ANC 37)	NR	CAD	64.00	48.03	3,073.92	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	27-11-2014	1" x 600 MM B7 ANCHOR BOLT
E30003546	20	0	27-11-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	040-21623311	ANCHOR BOLT 1" A193 GRADE B7 (ANC 38)	NR	CAD	80.00	48.03	3,842.40	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	27-11-2014	1" x 600 MM B7 ANCHOR BOLT
E30003546	30	0	27-11-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	040-21623312	ANCHOR BOLT 1" A193 GRADE B7 (ANC 39)	NR	CAD	80.00	14.88	1,190.40	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	27-11-2014	1" X 650 MM B7 ANCHOR BOLT
E30003546	40	0	27-11-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	040-21623313	ANCHOR BOLT 1" A193 GRADE B7 (ANC 45)	NR	CAD	24.00	13.63	327.12	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	27-11-2014	1" X 600 MM B7 ANCHOR BOLT
E30003547	10	0	27-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	12493180173	WATERSTOP ARTIC GRADE JOINT 23C WSA-WSA	NR	CAD	3.00	60.63	181.89	0.00	0.00	0.00	12-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	GKS AG 788 FLAT X (23C)
E30003547	20	0	27-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	12493180177	WATERSTOP ARTIC GRADE JOINT 24A WSA-WSA	NR	CAD	4.00	40.25	161.00	0.00	0.00	0.00	12-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	GKS AG 788 VERT T (24A)
E30003547	30	0	27-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	12493180176	WATERSTOP ARTIC GRADE JOINT 24B WSA-WSA	NR	CAD	9.00	28.50	256.50	0.00	0.00	0.00	12-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	GKS AG 788 VERT T (24B)
E30003547	40	0	27-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	124-93180204	DETAIL 23E	NR	CAD	5.00	60.13	300.65	0.00	0.00	0.00	12-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	GKS AG 788-710 FLAT T (23E)
E30003547	50	0	27-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	124-93180304	DETAIL 23E1	NR	CAD	1.00	60.13	60.13	0.00	0.00	0.00	12-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	GKS AG 788-710 FLAT T (23E1)
E30003547	60	0	27-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	124-93180104	WATERSTOP ARTIC GRADE JOINT DETAIL WS_NBA	NR	CAD	2.00	66.75	133.50	0.00	0.00	0.00	12-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	GKS AG 788 SPECIAL (DETAIL WS_NBa)
E30003548	10	0	27-11-2014	000000158	VALLEY BUSINESS EQUIPMENT INC	041-01610023	ADDON TRANSCEIVER #MGBBX2-AO	NR	CAD	6.00	282.95	1,697.70	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	27-11-2014	
E30003549	10	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUT544801P	6" SK-H LEVER COUPLING 130 BAR	NR	CAD	200.00	126.45	25,290.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003549	20	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUT10000000	6" SK WELD ENDS (WELD ON RINGS)	NR	CAD	100.00	48.55	4,855.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003549	30	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUT244008004CMB	6" ZK WELD ENDS (WELD ON RINGS) FEMALE	NR	CAD	50.00	84.42	4,221.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003549	40	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUT244028000CMB	6" ZK WELD ENDS (WELD ON RINGS) MALE	NR	CAD	50.00	119.88	5,994.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003549	50	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUT10000002	6" SK-H LEVER COUPLING AS MOUNTING COUPLING	NR	CAD	50.00	222.14	11,107.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003549	60	0	27-11-2014	000000306	POMPACTION INCORPORATED	2PUTP00011121	SPONGE BALL D150/6" HARD # P00011121	NR	CAD	4.00	22.92	91.68	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	27-11-2014	ITEM NUMBER:
E30003550	10	0	27-11-2014	000000182	LABRADOR MOTORS LIMITED	2CHE25927107	DOOR LATCH #25927107	NR	CAD	2.00	52.60	105.20	0.00	0.00	0.00	05-12-2014	2.00	105.20	2.00	105.20	12-12-2014	M00010847	137001 INV	E30001	E300001	10720		Hillier Vicki	CAD	0.00	27-11-2014	
E30003550	20	0	27-11-2014	000000182	LABRADOR MOTORS LIMITED	2CHE25989401	OUTSIDE DOOR HANDLE #25989401	NR	CAD	1.00	78.04	78.04	0.00	0.00	0.00	05-12-2014	1.00	78.04	1.00	97.55	12-12-2014	M00010847	137001 INV	E30001	E300001	10720		Hillier Vicki	CAD	0.00	27-11-2014	
E30003551	10	0	28-11-2014	000000441	Cropac Equipment Inc	03280301932	ALARM #A2B	NR	CAD	3.00	56.79	170.37	0.00	0.00	0.00	08-12-2014	3.00	170.37	3.00	245.37	12-12-2014	M00010849	P12755 INV	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	PART NUMBER:
E30003552	10	0	28-11-2014	000000203	TOROMONT CAT	2CAT1970017	CAT AXLE AND BRAKE OIL ADDITIVE (1 QT) #197-001	NR	CAD	30.00	34.00	1,020.00	0.00	0.00	0.00	19-12-2014	12.00	408.00	12.00	408.00	10-12-2014	M00010804	48C033841-001	E30001	E300001	10720		Lannon Sean	CAD	0.00	28-11-2014	MAINTENANCE SUPPLY
E30003552	10	1	28-11-2014	000000203	TOROMONT CAT	2CAT1970017	CAT AXLE AND BRAKE OIL ADDITIVE (1 QT) #197-001	NR	CAD	0.00	34.00	0.00	0.00	18.00	612.00	19-12-2014	18.00	612.00	18.00	612.00	10-12-2014	M00010806	48C033841A-001	E30001	E300001	10720		Lannon Sean	CAD	0.00	28-11-2014	MAINTENANCE SUPPLY
E30003553	10	0	28-11-2014	000000295	ACKLANDS-GRAINGER INC.	2FILRS3982	ENGINE AIR FILTER # RS3982	NR	CAD	10.00	92.16	921.60	0.00	0.00	0.00	12-12-2014	4.00	368.64	4.00	368.64	10-12-2014	M00010814	7628 0003225	E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	PN BWN R53982
E30003553	10	1	28-11-2014	000000295	ACKLANDS-GRAINGER INC.	2FILRS3982	ENGINE AIR FILTER # RS3982	NR	CAD	0.00	92.16	0.00	0.00	6.00	552.96	12-12-2014	6.00	552.96	0.00	0.00	15-12-2014	M00010864	76250003368	E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	PN BWN R53982
E30003554	10	0	28-11-2014	000000441	Cropac Equipment Inc	2FRE131973	THROTTLE POSITION SENSOR #131973	NR	CAD	3.00	233.82	701.46	0.00	0.00	0.00	05-12-2014	3.00	701.46	3.00	701.46	11-12-2014	M00010827	P12726	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	FREIGHTLINER BOOM TRUCK 108SD
E30003555	10	0	28-11-2014	000000281	ISKUETEU	39025031090	PRESSURE SWITCH/TRANSDUCER ASCO #PA10A/RF1	NR	CAD	1.00	745.00	745.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	SUPPLY AND CALLIBRATION OF PRESSURE
E30003556	10	0	28-11-2014	000000655	East Coast Internation Trucks Inc	2INR2587324C1	SENSOR # 2587324C1	NR	CAD	3.00	27.04	81.12	0.00	0.00	0.00	03-12-2014	3.00	81.12	3.00	139.21	05-12-2014	M00010761	1-243380033 INV	E30001	E300001	10720		Lannon Sean	CAD	0.00	28-11-2014	INTERNATIONAL WATER TRUCK
E30003557	10	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL82162925	COOLANT TUBE #82162925	NR	CAD	1.00	132.27	132.27	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	VOLVO FUEL TRUCK
E30003557	20	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL969033	HOSE #969033	NR	CAD	5.00	50.94	254.70	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	11-12-2014	5 UNITS OF HOSE
E30003557	30	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL20476411	PIPE #20476411	NR	CAD	1.00	96.58	96.58	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	VOLVO FUEL TRUCK
E30003557	40	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL965555	BRACKET #965555	NR	CAD	1.00	9.08	9.08	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	VOLVO FUEL TRUCK
E30003557	50	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL8085622	HOSE #8085622	NR	CAD	4.00	18.17	72.68	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	VOLVO FUEL TRUCK
E30003557	60	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL20923629	HOSE #20923629	NR	CAD	1.00	16.72	16.72	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	VOLVO FUEL TRUCK
E30003557	70	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL21585801	OIL PAN #21585801	NR	CAD	1.00	1,380.87	1,380.87	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	VOLVO FUEL TRUCK
E30003557	80	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL20715718	PAN BOLT #20715718	NR	CAD	24.00	10.28	246.72	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	VOLVO FUEL TRUCK
E30003557	90	0	28-11-2014	000000484	HICKMAN TRUCK CENTRE	2VOL21293367	OIL PAN GASKET #21293367	NR	CAD	1.00	144.21	144.21	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	28-11-2014	VOLVO FUEL TRUCK
E30003558	10	0	28-11-2014	000000402	INNU DMC safety Consulting Inc	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	26,750.00	26,750.00	0.00	0.00	0.00	28-11-2014	1.00	26,750.00	1.00	26,750.00	28-11-2014	M00009643			E300001	10100	62500001	Hiscock Andrew	CAD	0.00	28-11-2014	
E30003559	10	0	28-11-2014	000000163	NAPA GOOSE BAY AUTO PARTS	2FOR16628740	DOOR MOTOR #16628740	NR	CAD	1.00	59.36	59.36	0.00	0.00	0.00	05-12-2014	1.00	59.36	1.00	59.36	15-12-2014	M00010792	INV 412-039330	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	28-11-2014	FORD PART NUMBER

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PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUNT	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUN	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003560	10	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-12583314	NUT EYE BOLT 12.5X83MM (1/2"X 3 1/4")	NR	CAD	1,130.00	3.34	3,774.20	0.00	0.00	0.00	05-12-2014	589.00	1,967.26	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	11-12-2014	THE CROSBY GROUP LLC G-277 SHOULD NUT EY
E30003560	10	1	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-12583314	NUT EYE BOLT 12.5X83MM (1/2"X 3 1/4")	NR	CAD	0.00	3.34	0.00	0.00	541.00	1,806.94	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	11-12-2014	THE CROSBY GROUP LLC G-277 SHOULD NUT EY
E30003560	20	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-12583126	NUT EYE BOLT 12.5 X 83MM (1/2" X 6")	NR	CAD	200.00	4.26	852.00	0.00	0.00	0.00	05-12-2014	43.00	183.18	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	THE CROSBY GROUP LLC G-277 SHOULD NUT EY
E30003560	20	1	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-12583126	NUT EYE BOLT 12.5 X 83MM (1/2" X 6")	NR	CAD	0.00	4.26	0.00	0.00	157.00	668.82	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	THE CROSBY GROUP LLC G-277 SHOULD NUT EY
E30003560	30	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-88091703	FLANGE CLAMP	NR	CAD	400.00	21.50	8,600.00	0.00	0.00	0.00	05-12-2014	200.00	4,300.00	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	11-12-2014	THE CROSBY GROUP LLC # PLF3050
E30003560	30	1	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-88091703	FLANGE CLAMP	NR	CAD	0.00	21.50	0.00	0.00	200.00	4,300.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	11-12-2014	THE CROSBY GROUP LLC # PLF3050
E30003560	40	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-57048987	HOOKS SWIVEL 12.5 MM (1/2") TYP	NR	CAD	500.00	128.20	64,100.00	0.00	0.00	0.00	05-12-2014	394.00	50,510.80	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	THE CROSBY GROUP LLC S-1326 SHUR-LOC SW
E30003560	40	1	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-57048987	HOOKS SWIVEL 12.5 MM (1/2") TYP	NR	CAD	0.00	128.20	0.00	0.00	106.00	13,589.20	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	THE CROSBY GROUP LLC S-1326 SHUR-LOC SW
E30003560	50	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-55005008	GALV. STEEL SHACKLE 5/8"	NR	CAD	2,200.00	12.46	27,412.00	0.00	0.00	0.00	05-12-2014	552.00	6,877.92	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	THE CROSBY GROUP LLC G-2094 CROSBY ALLO
E30003560	50	1	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-55005008	GALV. STEEL SHACKLE 5/8"	NR	CAD	0.00	12.46	0.00	0.00	1,648.00	20,534.08	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	THE CROSBY GROUP LLC G-2094 CROSBY ALLO
E30003560	60	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	01454012012	THIMBLES GALV. FOR ROPE DIAM.12MM	NR	CAD	1,220.00	2.62	3,196.40	0.00	0.00	0.00	05-12-2014	1,220.00	3,196.40	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	THE CROSBY GROUP LLC G-411 CROSBY ALLOY
E30003560	70	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	01453012011	CLIPS GALV. FOR WIRE ROPE DIA. 11MM	NR	CAD	3,650.00	2.87	10,475.50	0.00	0.00	0.00	05-12-2014	3,650.00	10,475.50	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	THE CROSBY GROUP LLC G-429A FIST GRIP CL
E30003560	80	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	020-06182706	CONT.PLATE T/B(TYP) 100X30X6MM THK.	NR	CAD	43.00	109.25	4,697.75	0.00	0.00	0.00	05-12-2014	43.00	4,697.75	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	SUBSTITUTED WITH:
E30003560	90	0	28-11-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-61040304	STEEL CABLE 1/2''	M	CAD	2,150.00	4.39	9,452.36	0.00	0.00	0.00	05-12-2014	2,150.00	9,452.36	0.00	0.00	08-12-2014	M00010775	DECEMBER 8. 2014	E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	28-11-2014	7054 FEET @ $1.34 PER FOOT
E30003561	10	0	28-11-2014	000000323	ENVIRO-SAFE FUEL SYSTEMS LIMITED	00901100933	BUSHING BLACK IRON 2"X1-1/4" NPT 150PSI	NR	CAD	2.00	6.05	12.10	0.00	0.00	0.00	28-11-2014	2.00	12.10	0.00	0.00	04-12-2014	M00009930	34008 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	
E30003561	20	0	28-11-2014	000000323	ENVIRO-SAFE FUEL SYSTEMS LIMITED	00901100934	NIPPLE BLACK IRON 1-1/4"X6" NPT SCHEDULE 40	NR	CAD	2.00	3.54	7.08	0.00	0.00	0.00	28-11-2014	2.00	7.08	0.00	0.00	04-12-2014	M00009930	34008 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	
E30003561	30	0	28-11-2014	000000323	ENVIRO-SAFE FUEL SYSTEMS LIMITED	011-21416222	FITTING CAMLOCK	NR	CAD	2.00	8.89	17.78	0.00	0.00	0.00	28-11-2014	2.00	17.78	0.00	0.00	04-12-2014	M00009930	34008 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	2" MALE CAMLOCK
E30003562	10	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	364-62118908	HILTI 293482 HAMMER DRILL BIT TE-YX Ø1"x21"	NR	CAD	40.00	68.50	2,740.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	20	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	364-62118913	HILTI 292980 HAMMER DRILL BIT TE-YX 1-1/8" x 21"	NR	CAD	20.00	88.75	1,775.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	30	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	364-62318910	HILTI 293026 HAMMER DRILL BIT TE-YX Ø1 1/4"x21"	NR	CAD	40.00	96.25	3,850.00	0.00	0.00	0.00	10-12-2014	15.00	1,443.75	0.00	0.00	17-12-2014	M00010873	219803	E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	30	1	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	364-62318910	HILTI 293026 HAMMER DRILL BIT TE-YX Ø1 1/4"x21"	NR	CAD	0.00	96.25	0.00	0.00	25.00	2,406.25	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	40	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	364-62318912	HAMMER DRILL BIT TE-YX 1.1/2" X 23" (293032)	NR	CAD	40.00	129.25	5,170.00	0.00	0.00	0.00	10-12-2014	15.00	1,938.75	0.00	0.00	17-12-2014	M00010873	219803	E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	40	1	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	364-62318912	HAMMER DRILL BIT TE-YX 1.1/2" X 23" (293032)	NR	CAD	0.00	129.25	0.00	0.00	25.00	3,231.25	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	50	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	364-50616919	HILTI HAMMER DRILL BIT TE-YX 1.3/8" X23" 293029	NR	CAD	20.00	119.50	2,390.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	60	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	015-02000052	REBAR TIE WIRE 16 GAUGE (ROLL)	NR	CAD	200.00	3.50	700.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	70	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	014-91424008	ROPE POLYPROPYLENE TWISTED (YELLOW) 1/2"	FT	CAD	10,000.00	0.13	1,300.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	80	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	014-91424009	ROPE POLYPROPYLENE TWISTED (YELLOW) 5/8"	FT	CAD	10,000.00	0.22	2,200.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003562	90	0	28-11-2014	000000272	VALLEY RENTALS & SALES LTD	301-01201193	FERROUS METAL CUTTING BLADE 14" 66T 1" ARBOR	NR	CAD	25.00	178.50	4,462.50	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	DEWALT #DWA7747 OR HILTI (NO SUBSTITUTE)
E30003563	10	0	28-11-2014	000000202	BATTLEFIELD EQUIPMENT	2CAT1532994	QUICK COUPLER # 1532994	NR	CAD	3.00	65.41	196.23	0.00	0.00	0.00	05-12-2014	3.00	196.23	3.00	196.23	11-12-2014	M00010835	700000779	E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	BATTLEFIELD PART NUMBER
E30003563	20	0	28-11-2014	000000202	BATTLEFIELD EQUIPMENT	2CAT1532995	QUICK COUPLER # 1532995	NR	CAD	3.00	63.62	190.86	0.00	0.00	0.00	05-12-2014	3.00	190.86	3.00	223.86	11-12-2014	M00010835	700000779	E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	BATTLEFIELD PART NUMBER
E30003563	30	0	28-11-2014	000000202	BATTLEFIELD EQUIPMENT	2CAT2928355	HOSE	NR	CAD	6.00	91.26	547.56	0.00	0.00	0.00	05-12-2014	6.00	547.56	0.00	0.00	16-12-2014	M00010779	700000805	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	12-12-2014	PART NUMBER:
E30003564	10	0	28-11-2014	000000243	UNITED RENTALS	2WAC0160768	FAN BELT #0160768	NR	CAD	3.00	38.95	116.85	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	UNITED RENTALS PART NUMBER
E30003565	10	0	28-11-2014	000000267	GOOSE SALES & SERVICE LTD	015-21125316	3-1/2" COMMON NAIL (50LB BOX)	BOX	CAD	24.00	79.04	1,897.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	28-11-2014	
E30003566	10	0	28-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	308-03032204	THREADED LAGSTUD (CONTINUOUS) 3/4'' L=12'	NR	CAD	1,000.00	13.38	13,380.00	0.00	0.00	0.00	10-12-2014	1,000.00	13,380.00	1,000.00	13,380.00	17-12-2014	M00010875	432592-0	E30001	E300001	10720		Joanne Stirling	CAD	0.00	28-11-2014	PREMIUM H.T. 18M (RED)
E30003566	20	0	28-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	308-03032211	LAGNUT 3/4''	NR	CAD	2,000.00	0.71	1,425.00	0.00	0.00	0.00	10-12-2014	2,000.00	1,425.00	2,000.00	1,420.00	17-12-2014	M00010875	432592-0	E30001	E300001	10720		Joanne Stirling	CAD	0.00	28-11-2014	BHN 3/4 - 18M
E30003566	30	0	28-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	308-03231347	FLAT WASHER 6" X 6" X 1/2" 13/16"DIA HOLE	NR	CAD	1,000.00	5.25	5,250.00	0.00	0.00	0.00	10-12-2014	1,000.00	5,250.00	1,000.00	5,250.00	17-12-2014	M00010875	432592-0	E30001	E300001	10720		Joanne Stirling	CAD	0.00	28-11-2014	
E30003566	40	0	28-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	308-03231255	STANDARD 4-STRUT TYSCRY 3/4" X 6"	NR	CAD	2,000.00	2.22	4,450.00	0.00	0.00	0.00	10-12-2014	2,000.00	4,450.00	2,000.00	4,440.00	17-12-2014	M00010875	432592-0	E30001	E300001	10720		Joanne Stirling	CAD	0.00	28-11-2014	T4 18M
E30003566	50	0	28-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	308-03231256	FLARED 4-STRUT TYLOOP 3/4" X 12" (12M)	NR	CAD	1,000.00	3.25	3,250.00	0.00	0.00	0.00	10-12-2014	1,000.00	3,250.00	1,000.00	3,250.00	17-12-2014	M00010875	432592-0	E30001	E300001	10720		Joanne Stirling	CAD	0.00	28-11-2014	TL-2F 12M
E30003566	60	0	28-11-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	308-04231515	3/4" TYBACK, TYLOOP WITH 50mm COIL LENGTH	NR	CAD	400.00	2.75	1,100.00	0.00	0.00	0.00	10-12-2014	400.00	1,100.00	400.00	1,100.00	17-12-2014	M00010875	432592-0	E30001	E300001	10720		Joanne Stirling	CAD	0.00	28-11-2014	3/4 x 8 1/2" TYBACK LOOP
E30003567	10	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101061	2.13 METER LEDGER (AT-PAC #RSL213)	NR	CAD	4,000.00	23.63	94,520.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	20	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101089	LEDGER 1.57MT NX 5' (AT PAC # RSL157)	NR	CAD	4,000.00	17.41	69,640.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	30	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101062	1.15 METER LEDGER (AT-PAC #RSL115)	NR	CAD	4,000.00	13.90	55,600.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	40	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101063	2.13 METER STEEL PLANK (AT-PAC #RSSP213)	NR	CAD	4,000.00	33.99	135,960.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	50	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-70101011	STANDARD 2M (AT PAC #RSS200)	NR	CAD	500.00	27.50	13,750.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	60	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-70101015	STANDARD 1M (AT PAC #RSS100)	NR	CAD	300.00	15.47	4,641.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	70	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-70101005	STANDARD 0.5M (AT PAC #RSS050)	NR	CAD	500.00	9.39	4,695.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	80	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101074	1.15 METER BAY BRACE (AT-PAC #RSBB115)	NR	CAD	800.00	21.12	16,896.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	90	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-801010157	BAY BRACE 1.57 M # RSBB157	NR	CAD	800.00	23.43	18,744.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	100	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101115	1.15M STEEL PLANK #RSSP115	NR	CAD	1,000.00	20.01	20,010.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	110	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101075	2"X2" RIGHT ANGLE WEDGE CLAMP (AT PAC #TCRAV	NR	CAD	1,000.00	6.68	6,680.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	120	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101091	SCREW JACK/BASE JACK (AT PAC # SBJ24)	NR	CAD	500.00	12.06	6,030.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	130	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	014-57011113	LIFTING HOOKS FOR TARPS # LH1	NR	CAD	4,000.00	3.00	12,000.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	140	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80202157	STEEL PLANK 1.57M/5' #RSSP157	NR	CAD	2,000.00	25.55	51,100.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	150	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101000	BRACE 2.13 M #RSBB213	NR	CAD	1,000.00	25.84	25,840.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	160	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80202066	6'ALUMINIUM TUBE #TCAT06	NR	CAD	300.00	15.08	4,524.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003567	170	0	28-11-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80202068	8'ALUMINIUM TUBE #TCAT08	NR	CAD	200.00	20.10	4,020.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	28-11-2014	
E30003568	10	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90000	FAN BLADE #M90000 (1087008133)	NR	CAD	4.00	90.75	363.00	0.00	0.00	0.00	15-12-2014	4.00	363.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	20	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90001	FAN & PUMP MOTOR #M90001 (1040012900)	NR	CAD	2.00	330.00	660.00	0.00	0.00	0.00	15-12-2014	2.00	660.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	30	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90002	JOINT #M90002 (1001001300)	NR	CAD	2.00	4.95	9.90	0.00	0.00	0.00	15-12-2014	2.00	9.90	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	40	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90003	MOTOR CAPACITOR #M90003 (1049000419)	NR	CAD	4.00	13.20	52.80	0.00	0.00	0.00	15-12-2014	4.00	52.80	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	50	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90004	COIL FOR FUEL PUMP #M90004 (1089007200)	NR	CAD	2.00	44.38	88.76	0.00	0.00	0.00	15-12-2014	2.00	88.76	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	60	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90005	CABLE & CONNECTOR #M90005 (1043004500)	NR	CAD	2.00	18.15	36.30	0.00	0.00	0.00	15-12-2014	2.00	36.30	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	70	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90006	MICROHOSE #M90006 (1076004300)	NR	CAD	2.00	33.00	66.00	0.00	0.00	0.00	15-12-2014	2.00	66.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	80	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90007	FITTING #M90007 (1067004100)	NR	CAD	2.00	11.55	23.10	0.00	0.00	0.00	15-12-2014	2.00	23.10	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	90	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90008	FUEL PUMP #M90008 (1089007100)	NR	CAD	2.00	115.50	231.00	0.00	0.00	0.00	15-12-2014	2.00	231.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	100	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90009	WASHER #M90009 (1018002900)	NR	CAD	2.00	1.65	3.30	0.00	0.00	0.00	15-12-2014	2.00	3.30	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	110	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90010	FITTING #M90010 (1066001300)	NR	CAD	2.00	12.38	24.76	0.00	0.00	0.00	15-12-2014	2.00	24.76	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	120	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90011/37	OGIVE #M90011/37 (1067009100)	NR	CAD	2.00	3.30	6.60	0.00	0.00	0.00	15-12-2014	2.00	6.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	130	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90012/50	FITTING #M90012/50 (1066001600)	NR	CAD	2.00	10.73	21.46	0.00	0.00	0.00	15-12-2014	2.00	21.46	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	140	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90013	BACKFLOW HOSE #M90013 (1078000600)	NR	CAD	2.00	15.68	31.36	0.00	0.00	0.00	15-12-2014	2.00	31.36	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	150	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90014	INFLOW HOSE #M90014 (1078000100)	NR	CAD	2.00	17.33	34.66	0.00	0.00	0.00	15-12-2014	2.00	34.66	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	160	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90015	FLAME SENSOR (CAD CELL) #M90015 (1050001000)	NR	CAD	6.00	28.88	173.28	0.00	0.00	0.00	15-12-2014	6.00	173.28	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	170	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90016	HT CABLE (SPARK PLUG) #M90016 (1039037433)	NR	CAD	6.00	13.20	79.20	0.00	0.00	0.00	15-12-2014	6.00	79.20	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	180	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90017	BURNER HEAD #M90017 (1094135533)	NR	CAD	4.00	110.55	442.20	0.00	0.00	0.00	15-12-2014	4.00	442.20	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	190	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90018	NOZZLE DANFOSS 1.00 60H #M90018 (1088012100)	NR	CAD	20.00	28.88	577.60	0.00	0.00	0.00	15-12-2014	20.00	577.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	200	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90019	ELECTRODE #M90019 (1030002100)	NR	CAD	10.00	18.89	188.90	0.00	0.00	0.00	15-12-2014	10.00	188.90	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	210	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90021	TRANSFORMER #M90021 (1033004411)	NR	CAD	1.00	107.25	107.25	0.00	0.00	0.00	15-12-2014	1.00	107.25	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	220	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90022	LAMP #M90022 (1032005500)	NR	CAD	4.00	10.73	42.92	0.00	0.00	0.00	15-12-2014	1.00	10.73	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	220	1	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90022	LAMP #M90022 (1032005500)	NR	CAD	0.00	10.73	0.00	0.00	3.00	32.19	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	230	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90023	ON/OFF SWITCH #M90023 (1032001700)	NR	CAD	4.00	3.30	13.20	0.00	0.00	0.00	15-12-2014	4.00	13.20	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	240	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90024	CAP FOR ON/OFF SWITCH #M90024 (1002002600)	NR	CAD	4.00	1.65	6.60	0.00	0.00	0.00	15-12-2014	4.00	6.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	250	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90025	POWER CORD #M90025 (CAVAL#USA1)	NR	CAD	4.00	23.10	92.40	0.00	0.00	0.00	15-12-2014	4.00	92.40	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	260	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90026	FUSE #M90026 (1035001800)	NR	CAD	10.00	4.13	41.30	0.00	0.00	0.00	15-12-2014	10.00	41.30	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	270	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90027	CAP FOR RESET PUSH #M90027 (1002002855)	NR	CAD	4.00	4.13	16.52	0.00	0.00	0.00	15-12-2014	4.00	16.52	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	280	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90028	RESET PUSH BUTTON #M90028 (1032005500)	NR	CAD	4.00	9.90	39.60	0.00	0.00	0.00	15-12-2014	4.00	39.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	290	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90029	SOCKET CAP #M90029 (1052001800)	NR	CAD	4.00	5.78	23.12	0.00	0.00	0.00	15-12-2014	4.00	23.12	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	300	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90030	SOCKET BODY #M90030 (1043000400)	NR	CAD	4.00	4.95	19.80	0.00	0.00	0.00	15-12-2014	4.00	19.80	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	310	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90031	SOCKET CASING #M90031 (1043000600)	NR	CAD	4.00	4.95	19.80	0.00	0.00	0.00	15-12-2014	4.00	19.80	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	320	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90032	CONTROL PANEL #M90032 (1001017200)	NR	CAD	1.00	20.63	20.63	0.00	0.00	0.00	15-12-2014	1.00	20.63	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	330	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90033	SPACER #M90033 (1001015680)	NR	CAD	40.00	4.13	165.20	0.00	0.00	0.00	15-12-2014	40.00	165.20	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	340	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90034	BURNER CONTROL BOARD #M90034 (1047004600)	NR	CAD	5.00	155.93	779.65	0.00	0.00	0.00	15-12-2014	5.00	779.65	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	350	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90035	SUCTION HOSE #M90035 (1078000300)	NR	CAD	2.00	57.75	115.50	0.00	0.00	0.00	15-12-2014	2.00	115.50	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	360	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90036	FITTING #M90036 (1066001700)	NR	CAD	2.00	11.55	23.10	0.00	0.00	0.00	15-12-2014	2.00	23.10	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	370	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90037/11	OGIVE #M90037/11 (1067009100)	NR	CAD	2.00	3.30	6.60	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	380	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90038	NUT #M90038 (1017002800)	NR	CAD	2.00	4.13	8.26	0.00	0.00	0.00	15-12-2014	2.00	8.26	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	390	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90039	FILTER BRACKET #M90039 (1094134900)	NR	CAD	1.00	6.60	6.60	0.00	0.00	0.00	15-12-2014	1.00	6.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	400	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SIAM90040	FITTING #M90040 (1066001500)	NR	CAD	1.00	18.15	18.15	0.00	0.00	0.00	15-12-2014	1.00	18.15	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	410	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FILM90041	OIL FILTER #M90041 (1086000800)	NR	CAD	2.00	247.50	495.00	0.00	0.00	0.00	15-12-2014	2.00	495.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	420	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90043	O-RING & GASKET #M90043 (1002006000)	NR	CAD	10.00	19.80	198.00	0.00	0.00	0.00	15-12-2014	10.00	198.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	430	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90042	COVER #M90042 (1135000500)	NR	CAD	1.00	26.40	26.40	0.00	0.00	0.00	15-12-2014	1.00	26.40	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	440	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48101	FAN MOTOR (WEG) #48101	NR	CAD	2.00	346.50	693.00	0.00	0.00	0.00	15-12-2014	2.00	693.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	450	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48110B	HIGH LIMIT #48110B	NR	CAD	20.00	16.50	330.00	0.00	0.00	0.00	15-12-2014	20.00	330.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	460	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48111B	ADJUSTABLE FAN SWITCH #48111B	NR	CAD	6.00	42.90	257.40	0.00	0.00	0.00	15-12-2014	6.00	257.40	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	470	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48112A	HIGH LIMIT COVER LARGE #48112A	NR	CAD	6.00	24.75	148.50	0.00	0.00	0.00	15-12-2014	6.00	148.50	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	480	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48124A	16" WHEEL #48124A	NR	CAD	6.00	80.85	485.10	0.00	0.00	0.00	15-12-2014	6.00	485.10	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	490	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48139	SUNTEC "A" PUMP #48139	NR	CAD	1.00	185.63	185.63	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	500	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48140	BURNER MOTOR (1/4 HP) #48140A	NR	CAD	2.00	234.30	468.60	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	510	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48160	TOGGLE SWITCH #48160	NR	CAD	10.00	16.50	165.00	0.00	0.00	0.00	15-12-2014	10.00	165.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	520	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48164	FUEL FILTER CARTRIDGE #48164	NR	CAD	250.00	2.48	620.00	0.00	0.00	0.00	15-12-2014	250.00	620.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	530	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48171	TEMPERATURE FEELER #48171	NR	CAD	10.00	20.63	206.30	0.00	0.00	0.00	15-12-2014	10.00	206.30	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	540	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG50144	GENISYS PRIMARY CONTROL #50144	NR	CAD	10.00	132.00	1,320.00	0.00	0.00	0.00	15-12-2014	1.00	132.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	540	1	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG50144	GENISYS PRIMARY CONTROL #50144	NR	CAD	0.00	132.00	0.00	0.00	9.00	1,188.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	550	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG50103	FAN BLADE #50103	NR	CAD	6.00	118.80	712.80	0.00	0.00	0.00	15-12-2014	6.00	712.80	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	560	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48188	PLASTIC COVER #48188 FOR GENISYS CONTROL	NR	CAD	6.00	13.20	79.20	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	570	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48187	PUMP/MOTOR FLEX COUPLING #48187	NR	CAD	4.00	20.63	82.52	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	580	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48216	15 AMP BREAKER #48216	NR	CAD	10.00	11.55	115.50	0.00	0.00	0.00	15-12-2014	10.00	115.50	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	590	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG48287	1.75 X 45 NOZZLE #48287	NR	CAD	20.00	10.15	203.00	0.00	0.00	0.00	15-12-2014	20.00	203.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	600	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFGB50290	2.50 X 60 NOZZLE #B50290	NR	CAD	30.00	12.38	371.40	0.00	0.00	0.00	15-12-2014	30.00	371.40	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	610	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFGB48138A	IGNITER "S" #B48138A	NR	CAD	10.00	107.25	1,072.50	0.00	0.00	0.00	15-12-2014	4.00	429.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	610	1	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFGB48138A	IGNITER "S" #B48138A	NR	CAD	0.00	107.25	0.00	0.00	6.00	643.50	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	620	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFGB30141	BLOWER WHEEL #B30141 (IDF-350)	NR	CAD	1.00	53.63	53.63	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	630	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFGB48154	CAD CELL #B48154	NR	CAD	25.00	21.45	536.25	0.00	0.00	0.00	15-12-2014	25.00	536.25	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	640	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFGB30268A	NOZZLE LINE ASSEMBLY #B30268A	NR	CAD	5.00	99.00	495.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	650	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFGB20262	ELECTRODE INSULATOR KIT #B20262	NR	CAD	5.00	33.00	165.00	0.00	0.00	0.00	15-12-2014	5.00	165.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	660	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FFG47301	ICE REMOTE THERMOSTATS C/W 25' CORD #47301	NR	CAD	30.00	239.25	7,177.50	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	670	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA404101	HANDLE #PA-404101	NR	CAD	2.00	10.33	20.66	0.00	0.00	0.00	15-12-2014	2.00	20.66	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	680	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA404111	SUPPORT LEG #PA-404111	NR	CAD	4.00	30.64	122.56	0.00	0.00	0.00	15-12-2014	4.00	122.56	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	690	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA404105	WHEEL SHAFT #PA-404105	NR	CAD	2.00	23.86	47.72	0.00	0.00	0.00	15-12-2014	2.00	47.72	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	700	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA21200	OVERHEAT LIMIT SWITCH #PA-21200	NR	CAD	1.00	44.55	44.55	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	710	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA21100	COOLDOWN THERMOSTAT 40E #PA-21100	NR	CAD	5.00	42.83	214.15	0.00	0.00	0.00	15-12-2014	5.00	214.15	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	720	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA20550	OVERHEAT LIMIT SWITCH (AIR OUTLET) 40E #PA-205	NR	CAD	5.00	103.19	515.95	0.00	0.00	0.00	15-12-2014	5.00	515.95	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	730	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA74200	WHEEL #PA-74200	NR	CAD	2.00	42.31	84.62	0.00	0.00	0.00	15-12-2014	2.00	84.62	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	740	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA74600	LOCKING WASHER #PA-74600	NR	CAD	4.00	5.66	22.64	0.00	0.00	0.00	15-12-2014	4.00	22.64	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	750	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA42411	HEATING ELEMENT (15/HEATER) 580V #PA-42411	NR	CAD	15.00	99.69	1,495.35	0.00	0.00	0.00	15-12-2014	15.00	1,495.35	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	760	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA36809	GUARD RING #PA-36809	NR	CAD	1.00	1.88	1.88	0.00	0.00	0.00	15-12-2014	1.00	1.88	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	770	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA22560	CONTACTOR (4/HEATER) 40E #PA-22560	NR	CAD	4.00	122.05	488.20	0.00	0.00	0.00	15-12-2014	4.00	488.20	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	780	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA26900	TOGGLE SWITCH #PA-26900	NR	CAD	1.00	18.60	18.60	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	790	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA38111	FUSE HOLDER 6.3A #PA-38111	NR	CAD	6.00	7.01	42.06	0.00	0.00	0.00	15-12-2014	6.00	42.06	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	800	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA38110	FUSE HOLDER #PA-38110	NR	CAD	6.00	11.65	69.90	0.00	0.00	0.00	15-12-2014	4.00	46.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	800	1	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA38110	FUSE HOLDER #PA-38110	NR	CAD	0.00	11.65	0.00	0.00	2.00	23.30	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	810	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA36615	TERMINAL BLOCK #PA-36615	NR	CAD	5.00	13.20	66.00	0.00	0.00	0.00	15-12-2014	5.00	66.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	820	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA28405	TRANSFORMER 40ECA #PA-28405	NR	CAD	2.00	18.79	37.58	0.00	0.00	0.00	15-12-2014	2.00	37.58	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	830	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA36617	END PLATE FOR X1 40E #PA-36617	NR	CAD	4.00	3.50	14.00	0.00	0.00	0.00	15-12-2014	4.00	14.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	840	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA37910	PLASTIC BRACKET FOR THERMOSTAT #PA-37910	NR	CAD	1.00	2.43	2.43	0.00	0.00	0.00	15-12-2014	1.00	2.43	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	850	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA20210	AMBIENT ROOM THERMOSTAT #PA-20210	NR	CAD	1.00	57.75	57.75	0.00	0.00	0.00	15-12-2014	1.00	57.75	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	

PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUNT	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUN	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003568	860	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA20575	KNOB FOR ROOM THERMOSTAT 20210 #PA-20575	NR	CAD	5.00	6.47	32.35	0.00	0.00	0.00	15-12-2014	5.00	32.35	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	870	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA14305	FAN MOTOR 580V (40ECA) #PA-14305	NR	CAD	2.00	366.02	732.04	0.00	0.00	0.00	15-12-2014	2.00	732.04	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	880	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2PATPA16351	FAN BLADE #PA-16351	NR	CAD	2.00	85.95	171.90	0.00	0.00	0.00	15-12-2014	2.00	171.90	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	890	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0181488	BURNER CONTROL #0181488	NR	CAD	4.00	136.13	544.52	0.00	0.00	0.00	15-12-2014	4.00	544.52	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	900	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0169100	CAD CELL #0169100	NR	CAD	6.00	40.43	242.58	0.00	0.00	0.00	15-12-2014	6.00	242.58	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	910	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC5200013958	BURNER NOZZLE 5.5GPH X 60 DEG B #5200013958	NR	CAD	16.00	20.11	321.76	0.00	0.00	0.00	15-12-2014	4.00	80.44	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	910	1	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC5200013958	BURNER NOZZLE 5.5GPH X 60 DEG B #5200013958	NR	CAD	0.00	20.11	0.00	0.00	12.00	241.32	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	920	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0169192	BURNER FUEL PUMP #0169192 (NEW #0172514)	NR	CAD	2.00	312.31	624.62	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	930	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0169153	FUEL SHUT-OFF KIT #0169153	NR	CAD	2.00	86.43	172.86	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	940	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0169120	FUEL PUMP COUPLER #0169120	NR	CAD	2.00	9.57	19.14	0.00	0.00	0.00	15-12-2014	2.00	19.14	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	950	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0169264	BURNER MOUNTING GASKET #0169264	NR	CAD	2.00	10.40	20.80	0.00	0.00	0.00	15-12-2014	2.00	20.80	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	960	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0169154	BURNER ELECTRODE KIT #0169154	NR	CAD	6.00	27.92	167.52	0.00	0.00	0.00	15-12-2014	6.00	167.52	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	970	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0168966	FUEL FILTER ELEMENT SET C/W GASKETS #0168966	NR	CAD	50.00	5.76	288.00	0.00	0.00	0.00	15-12-2014	26.00	149.76	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	970	1	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0168966	FUEL FILTER ELEMENT SET C/W GASKETS #0168966	NR	CAD	0.00	5.76	0.00	0.00	24.00	138.24	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	980	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0192543	BLOWER BELT #0192543	NR	CAD	4.00	22.84	91.36	0.00	0.00	0.00	15-12-2014	4.00	91.36	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	990	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0192587	BLOWER BEARING #0192587	NR	CAD	2.00	43.97	87.94	0.00	0.00	0.00	15-12-2014	2.00	87.94	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1000	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0172043	FUSE 300V #0172043	NR	CAD	10.00	14.52	145.20	0.00	0.00	0.00	15-12-2014	10.00	145.20	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1010	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC0166693	FUSE 5A #0166693	NR	CAD	10.00	7.56	75.60	0.00	0.00	0.00	15-12-2014	10.00	75.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1020	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC5200003303	START CAPACITOR #5200003303	NR	CAD	4.00	73.64	294.56	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1030	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC52000135097	REMOTE THERMOSTAT C/W 50' LEAD #52000135097	NR	CAD	12.00	268.69	3,224.28	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1040	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC5200014579	12" DUCT COVER #5200014579	NR	CAD	60.00	85.23	5,113.80	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1050	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC179339	20" DUCT COVER #179339	NR	CAD	60.00	159.39	9,563.40	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1060	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL5200014730	PRIMARY FUEL FILTER #5200014730	NR	CAD	16.00	89.50	1,432.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1070	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL5200014731	SECONDARY FUEL FILTER #5200014731	NR	CAD	16.00	89.10	1,425.60	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1080	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL5200014738	AIR FILTER (OUTER) #5200014738	NR	CAD	16.00	261.77	4,188.32	0.00	0.00	0.00	15-12-2014	16.00	4,188.32	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1090	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL5200014739	AIR FILTER (INNER) #5200014739	NR	CAD	16.00	105.55	1,688.80	0.00	0.00	0.00	15-12-2014	16.00	1,688.80	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1100	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL5200013561	HYDRAULIC FILTER #5200013561	NR	CAD	8.00	283.85	2,270.80	0.00	0.00	0.00	15-12-2014	8.00	2,270.80	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1110	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC5200014155	CALFLO AF (5 GALLON) #5200014155	NR	CAD	10.00	89.50	895.00	0.00	0.00	0.00	15-12-2014	10.00	895.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1120	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL5200012218	CCV FILTER #5200012218	NR	CAD	2.00	213.05	426.10	0.00	0.00	0.00	15-12-2014	2.00	426.10	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1130	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2WAC5200013801	HOUR METER #5200013801	NR	CAD	2.00	221.30	442.60	0.00	0.00	0.00	15-12-2014	2.00	442.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1140	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL5200014732	OIL FILTER ELEMENT #5200014732	NR	CAD	16.00	33.31	532.96	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1150	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90044	CARTRIDGE #M90044 (1086002800)	NR	CAD	6.00	28.88	173.28	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1160	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90045	O-RING #M90045 (1002005200)	NR	CAD	20.00	9.90	198.00	0.00	0.00	0.00	15-12-2014	20.00	198.00	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1170	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90046	HEATING ELEMENT #M90046 (1052004900)	NR	CAD	1.00	173.25	173.25	0.00	0.00	0.00	15-12-2014	1.00	173.25	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1180	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90047	FILTER GLASS #M90047 (1135000600)	NR	CAD	6.00	29.70	178.20	0.00	0.00	0.00	15-12-2014	6.00	178.20	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1190	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90048	FITTING #M90048 (1066001300)	NR	CAD	4.00	12.38	49.52	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1200	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90049/11	OGIVE #M90049/11 (1067009100)	NR	CAD	4.00	3.30	13.20	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1210	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90050/12	FITTING #M90050/12 (1066001600)	NR	CAD	4.00	10.73	42.92	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1220	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90052	HANDLE #M90052 (1095011800)	NR	CAD	1.00	148.50	148.50	0.00	0.00	0.00	15-12-2014	1.00	148.50	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1230	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90057	TANK CAP (BLACK) #M90057 (1005000100)	NR	CAD	4.00	9.90	39.60	0.00	0.00	0.00	15-12-2014	4.00	39.60	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1240	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90058	GASKET #M90058 (1002002000)	NR	CAD	4.00	2.48	9.92	0.00	0.00	0.00	15-12-2014	4.00	9.92	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1250	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90059	GASKET #M90059 (1002002100)	NR	CAD	4.00	6.60	26.40	0.00	0.00	0.00	15-12-2014	4.00	26.40	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1260	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90060	FILLING FILTER SCREEN #M90060 (1086001000)	NR	CAD	6.00	11.55	69.30	0.00	0.00	0.00	15-12-2014	6.00	69.30	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1270	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90062	TANK SUPPORT (LEG) #M90062 (1094046500)	NR	CAD	1.00	49.50	49.50	0.00	0.00	0.00	15-12-2014	1.00	49.50	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1280	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90063	SPRING FOR LEG #M90063 (1023001500)	NR	CAD	1.00	3.30	3.30	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1290	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90064	WHEEL CAP #M90064 (1005002400)	NR	CAD	1.00	3.30	3.30	0.00	0.00	0.00	15-12-2014	1.00	3.30	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1300	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90065	SEEGER RING (WHEEL) #M90065 (1022000300)	NR	CAD	4.00	2.48	9.92	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1310	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90066	WHEEL #M90066 (1004002200)	NR	CAD	2.00	29.70	59.40	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1320	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90067	AXLE #M90067 (1094134100)	NR	CAD	1.00	82.50	82.50	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1330	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90068	AIR LOCK (AIR BAND0 #M90068 (1094135733)	NR	CAD	4.00	17.33	69.32	0.00	0.00	0.00	15-12-2014	1.00	17.33	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1330	1	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90068	AIR LOCK (AIR BAND0 #M90068 (1094135733)	NR	CAD	0.00	17.33	0.00	0.00	3.00	51.99	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1340	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90069	CHAMBER INLET #M90069 (1095011233)	NR	CAD	1.00	82.50	82.50	0.00	0.00	0.00	15-12-2014	1.00	82.50	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1350	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90073	FLUE COLLAR #M90073 (1094176800)	NR	CAD	1.00	41.25	41.25	0.00	0.00	0.00	15-12-2014	1.00	41.25	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1360	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90074	FIXING CLIP #M90074 (1017002200)	NR	CAD	50.00	1.65	82.50	0.00	0.00	0.00	15-12-2014	50.00	82.50	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1370	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90077	PRESSURE SWITCH #M90077 (1046001500)	NR	CAD	6.00	57.75	346.50	0.00	0.00	0.00	15-12-2014	6.00	346.50	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1380	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90079	AIR HOSE #M90079 (1080002600)	NR	CAD	4.00	4.13	16.52	0.00	0.00	0.00	15-12-2014	4.00	16.52	0.00	0.00	18-12-2014	M00010988	700000814	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1390	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90080	HOSE FITTING #M90080 (1046001036)	NR	CAD	4.00	6.60	26.40	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003568	1400	0	29-11-2014	000000202	BATTLEFIELD EQUIPMENT	2SAIM90081	HIGH LIMIT SWITCH #M90081	NR	CAD	6.00	22.28	133.68	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	29-11-2014	
E30003570	10	0	29-11-2014	000000593	CAPITOL EQ2 LLC	2SDK20550145	SCRAPER SEGMENT #20-55-0145	NR	USD	18.00	58.15	1,046.70	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	29-11-2014	
E30003570	20	0	29-11-2014	000000593	CAPITOL EQ2 LLC	2SDK12500100	CLAMP #12-50-0100 FOR SCRAPER B	NR	USD	4.00	88.99	355.96	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	29-11-2014	
E30003570	30	0	29-11-2014	000000593	CAPITOL EQ2 LLC	2SDKF5790000	TAIL PRONG ADJUSTER #F5790000	NR	USD	4.00	167.39	669.56	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	29-11-2014	
E30003570	40	0	29-11-2014	000000593	CAPITOL EQ2 LLC	2SDKPN1223	TAIL DRUM ADJUSTER #PN1223	NR	USD	4.00	124.30	497.20	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	29-11-2014	
E30003571	10	0	29-11-2014	000000295	ACKLANDS-GRAINGER INC.	41-02690189	TAG INSPECTION	NR	CAD	500.00	0.65	325.00	0.00	0.00	0.00	05-12-2014	500.00	325.00	500.00	330.00	15-12-2014	M00010863	76280003233	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	29-11-2014	HARD PLASTIC
E30003571	20	0	29-11-2014	000000295	ACKLANDS-GRAINGER INC.	041-02521600	HOLE PUNCH	NR	CAD	6.00	20.15	120.90	0.00	0.00	0.00	05-12-2014	6.00	120.90	6.00	120.90	15-12-2014	M00010863	76280003233	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	29-11-2014	STF HP2
E30003572	10	0	29-11-2014	000000209	CAPITAL CRANE	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	6.00	900.00	5,400.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	Hillier Vicki	CAD	0.00	29-11-2014	RENTAL OF 40FT STORAGE TRAILER
E30003572	20	0	29-11-2014	000000209	CAPITAL CRANE	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	1,800.00	1,800.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10005	62400001	Hillier Vicki	CAD	0.00	29-11-2014	MOBILIZATION $950
E30003573	10	0	29-11-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	32810001201	PLIER	NR	CAD	2.00	19.50	39.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	29-11-2014	REQUEST IS FOR STRIPPER/CUTTER #WWG5LJ23
E30003573	20	0	29-11-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	32810001201	PLIER	NR	CAD	2.00	24.00	48.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	29-11-2014	REQUEST IS FOR CUTTER #PRT206GXL-TT AS P
E30003573	30	0	29-11-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	32810001201	PLIER	NR	CAD	2.00	39.21	78.42	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	29-11-2014	REQUEST IS FOR TONG #WWG5KNX6 AS PER THE
E30003573	40	0	29-11-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	417-20114011	PLASTIC ZIP TIE 8"	NR	CAD	200.00	0.14	28.00	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	29-11-2014	
E30003574	10	0	01-12-2014	000000203	TOROMONT CAT	00308110023	OIL HYDRAULIC 10W ADV-10 (20L/PAIL)	LT	CAD	2,000.00	6.12	12,247.00	0.00	0.00	0.00	10-12-2014	480.00	2,939.28	480.00	2,939.28	11-12-2014	M00010834	48C033855-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	01-12-2014	
E30003574	10	1	01-12-2014	000000203	TOROMONT CAT	00308110023	OIL HYDRAULIC 10W ADV-10 (20L/PAIL)	LT	CAD	0.00	6.12	0.00	0.00	1,520.00	9,307.72	11-12-2014	1,520.00	9,307.72	1,520.00	9,307.72	28-12-2014	M00010896	48C033855/A/001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	01-12-2014	
E30003575	10	0	01-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	01491123012	ROPE NYLON TWISTED DIAM.12MM	NR	CAD	30.00	186.22	5,586.60	0.00	0.00	0.00	05-12-2014	30.00	5,586.60	30.00	5,586.60	26-12-2014	M00010803	NS&T2014/12/10	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	12-12-2014	1/2 NYLON 3 STAND TWISTED
E30003575	20	0	01-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	01491123012	ROPE NYLON TWISTED DIAM.12MM	NR	CAD	3.00	333.53	1,000.59	0.00	0.00	0.00	05-12-2014	3.00	1,000.59	3.00	558.66	26-12-2014	M00010803	NS&T2014/12/10	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	12-12-2014	600 FT/ROLL X 3
E30003577	10	0	01-12-2014	000000295	ACKLANDS-GRAINGER INC.	380-14030251	HAMMER CLAW 20 OZ	NR	CAD	20.00	25.60	512.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	PLB SS20RN
E30003577	20	0	01-12-2014	000000295	ACKLANDS-GRAINGER INC.	39023081001	MEASURING TAPE 8MX28MM STANLEY MAX 33-959	NR	CAD	40.00	33.51	1,340.40	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	STT 33-726
E30003577	30	0	01-12-2014	000000295	ACKLANDS-GRAINGER INC.	38024030801	NAIL PULLER (CATS PAW) 8"	NR	CAD	20.00	17.84	356.80	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	VNB BC12
E30003577	40	0	01-12-2014	000000295	ACKLANDS-GRAINGER INC.	39026010800	CARPENTERS SPEED SQUARE	NR	CAD	12.00	12.81	153.72	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	STT 46-071
E30003577	50	0	01-12-2014	000000295	ACKLANDS-GRAINGER INC.	041-02720801	NOTE BOOK	NR	CAD	10.00	9.06	90.60	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	RIR 363
E30003578	10	0	01-12-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	102-23500136	CLEAR MEADOW SEALTIGHT 1100 CURING COMPOU	LT	CAD	945.00	3.07	2,904.93	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	50 EACH 18.9 LITER PAILS
E30003578	20	0	01-12-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	021-31106319	SIKADUR 32 HI-MOD PART A (5L PAIL) WATERSTOP R	LT	CAD	290.00	30.28	8,782.65	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	29 EACH 5 LITER PAILS OF EACH A + B
E30003578	30	0	01-12-2014	000000372	APEX CONSTRUCTION SPECIALTIES INC.	021-31106320	SIKATOP 123 PLUS WINTERGRADE A&B (20KG BAG)	NR	CAD	52.00	69.85	3,632.20	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	01-12-2014	SIKA TOP 123 PLUS
E30003579	10	0	01-12-2014	000000295	ACKLANDS-GRAINGER INC.	380-14030251	HAMMER CLAW 20 OZ	NR	CAD	20.00	61.52	1,230.40	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	01-12-2014	REQUEST IS FOR ESTWING #E320SM AS PER TH
E30003579	20	0	01-12-2014	000000295	ACKLANDS-GRAINGER INC.	380-14030259	DAYTON PULLER RATCHET LIFT #GGM3AY59	NR	CAD	12.00	57.64	691.68	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	01-12-2014	AS PER THE ATTACHED
E30003580	10	0	02-12-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL27407	OIL FILTER #27407	NR	CAD	40.00	41.10	1,644.00	0.00	0.00	0.00	23-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	BATTLEFIELD PART NUMBERS
E30003580	20	0	02-12-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL27406	FUEL FILTER #27406	NR	CAD	40.00	21.39	855.60	0.00	0.00	0.00	23-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	BATTLEFIELD PART NUMBERS
E30003580	30	0	02-12-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL22874	AIR FILTER #22874	NR	CAD	36.00	59.80	2,152.80	0.00	0.00	0.00	23-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	BATTLEFIELD PART NUMBERS
E30003580	40	0	02-12-2014	000000202	BATTLEFIELD EQUIPMENT	2MAGRPF3480	BELT #RPF3480	NR	CAD	4.00	53.46	213.84	0.00	0.00	0.00	23-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	BATTLEFIELD PART NUMBERS
E30003581	10	0	02-12-2014	000000243	UNITED RENTALS	2FILP784198	AIR FILTER #P784198	NR	CAD	9.00	105.14	946.26	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003582	10	0	02-12-2014	000000243	UNITED RENTALS	2FILP550162	OIL FILTER #P550162	NR	CAD	24.00	8.79	210.96	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	PLEASE RUSH 3 VIA AIR AND 21 VIA REGULAR
E30003582	20	0	02-12-2014	000000243	UNITED RENTALS	2FILP550057	PRIMARY FUEL FILTER #P550057	NR	CAD	24.00	9.18	220.32	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	PLEASE RUSH 3 VIA AIR AND 21 VIA REGULAR
E30003582	30	0	02-12-2014	000000243	UNITED RENTALS	2FILP551427	SECONDARY FUEL FILTER #P551427	NR	CAD	24.00	26.82	643.68	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	PLEASE RUSH 3 VIA AIR AND 21 VIA REGULAR
E30003582	40	0	02-12-2014	000000243	UNITED RENTALS	2FILP821575	COMPRESSOR AIR FILTER #P82-1575	NR	CAD	15.00	19.15	287.25	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	02-12-2014	
E30003583	10	0	02-12-2014	000000399	TERRY'S TENTS LTD.	01491123012	ROPE NYLON TWISTED DIAM.12MM	NR	CAD	5.00	69.99	349.95	0.00	0.00	0.00	02-12-2014	5.00	349.95	5.00	349.95	04-12-2014	M00010737	13159 INV	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	5 X 150 FT ROLL
E30003584	10	0	02-12-2014	000000404	Mukatshin Consulting	C0806013	WORKS AND SERVICES (NR)	NR	CAD	1.00	2,000.00	2,000.00	0.00	0.00	0.00	02-12-2014	1.00	2,000.00	1.00	2,000.00	01-11-2014	M00009799			E300001	10551	62500002	Hiscock Andrew	CAD	2,000.00	02-12-2014	
E30003586	10	0	02-12-2014	000000306	POMPACTION INCORPORATED	2PUT638376491	MANUAL GREASE FILLER PUMP #638-37649-1	NR	CAD	1.00	127.00	127.00	0.00	0.00	0.00	13-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	AS PER THE ATTACHED PRICE & DELIVERY QUO
E30003586	20	0	02-12-2014	000000306	POMPACTION INCORPORATED	2PUT638367631	FILL ADAPTER #638-36763-1 FOR 2-LITER PUMP	NR	CAD	1.00	22.30	22.30	0.00	0.00	0.00	13-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	AS PER THE ATTACHED PRICE & DELIVERY QUO
E30003586	30	0	02-12-2014	000000306	POMPACTION INCORPORATED	2PUTPOOO41072	HOPPER GRATE #P00041072	NR	CAD	1.00	1,021.34	1,021.34	0.00	0.00	0.00	13-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	AS PER THE ATTACHED PRICE & DELIVERY QUO
E30003587	10	0	02-12-2014	000000649	Imperial Oil	003-08110034	M-DEL 1 ESP 0W40 TRAINER (1200 LITER TOTE) #106	NR	CAD	40.00	5,304.00	212,160.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	20	0	02-12-2014	000000649	Imperial Oil	003-08110035	M-LUBE HD EX 80W140 PL (205 LITER DRUM) #1106	NR	CAD	2.00	932.75	1,865.50	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	30	0	02-12-2014	000000649	Imperial Oil	003-08110036	M-TRANS HD50 TRAINER (205 LITER DRUM) #11066	NR	CAD	6.00	576.05	3,456.30	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	40	0	02-12-2014	000000649	Imperial Oil	003-08110037	WIRE ROPE DRESSING (55KG KEG) #104574	NR	CAD	6.00	376.20	2,257.20	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	50	0	02-12-2014	000000649	Imperial Oil	003-08110039	M-TRANS ASTX 20 TRAINER (1200 LITER TOTE) #1106	NR	CAD	30.00	5,328.00	159,840.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	60	0	02-12-2014	000000649	Imperial Oil	003-08110040	M-EPIC EP102 (55KG KEG) #104626	NR	CAD	8.00	486.75	3,894.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	70	0	02-12-2014	000000649	Imperial Oil	003-08110041	M-EPIC EP102 ST (108KG DRUM) #104625	NR	CAD	6.00	1,557.00	9,342.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	80	0	02-12-2014	000000649	Imperial Oil	003-08110042	M-EPIC EP102 (CASE 40 X 0.4 KG CARTRIDGES) #110	NR	CAD	200.00	3.87	774.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	200 CARTRIDGES
E30003587	90	0	02-12-2014	000000649	Imperial Oil	003-08110043	M-EPIC MQ (55KG KEG) #104588	NR	CAD	6.00	527.45	3,164.70	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	100	0	02-12-2014	000000649	Imperial Oil	003-08110044	M-DEL 1 ESP 0W40 (20 LITER PAIL) #106094	NR	CAD	100.00	92.20	9,220.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	110	0	02-12-2014	000000649	Imperial Oil	003-08110045	M TRANS HD50 (20 LITER PAIL) #110661	NR	CAD	50.00	76.60	3,830.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	P/N 110661
E30003587	120	0	02-12-2014	000000649	Imperial Oil	003-08110046	MOBILE 1 0W20 (205 LITER DRUM) #102488	NR	CAD	10.00	1,905.01	19,050.10	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	130	0	02-12-2014	000000649	Imperial Oil	003-08110047	MOBILE 1 5W20 (CASE OF 4 X 4.4 LITER) #111159	NR	CAD	100.00	163.68	16,368.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	140	0	02-12-2014	000000649	Imperial Oil	003-08110048	MOBILE 1 0W20 (CASE OF 4 X 4.4 LITER) #110534	NR	CAD	100.00	163.68	16,368.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	150	0	02-12-2014	000000649	Imperial Oil	003-08110049	MOBIL DELVAC SYN ATF (20 LITER PAIL) #105930	NR	CAD	60.00	159.00	9,540.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	160	0	02-12-2014	000000649	Imperial Oil	003-08110050	MOBIL DEXRON-V1 ATF (CASE OF 4 X 5 LITER) #1102	NR	CAD	150.00	105.80	15,870.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003587	170	0	02-12-2014	000000649	Imperial Oil	003-08110038	M-DEL SYN GO 75W90 (60 LITER DRUM) #105558	NR	CAD	3.00	440.40	1,321.20	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	02-12-2014	
E30003588	10	0	02-12-2014	000000492	EMCO WATERWORKS	010-80141124	PVC NIPPLE 3" SCHEDULE 60	NR	CAD	2.00	13.51	27.02	0.00	0.00	0.00	17-12-2014	2.00	27.02	0.00	0.00	09-01-2015	M00011021	1609808-01	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	592554
E30003588	20	0	02-12-2014	000000492	EMCO WATERWORKS	010-80141125	PVC NIPPLE 2" SCHEDULE 60	NR	CAD	2.00	4.46	8.92	0.00	0.00	0.00	17-12-2014	2.00	8.92	0.00	0.00	09-01-2015	M00011021	1609808-01	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	590305
E30003588	30	0	02-12-2014	000000492	EMCO WATERWORKS	010-80141126	PVC NIPPLE 1-1/2" SCHEDULE 60	NR	CAD	2.00	2.93	5.86	0.00	0.00	0.00	17-12-2014	2.00	5.86	0.00	0.00	09-01-2015	M00011021	1609808-01	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	590297
E30003588	40	0	02-12-2014	000000492	EMCO WATERWORKS	009-42013001	TEFLON TAPE ROLL	NR	CAD	1.00	4.58	4.58	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	9510667
E30003588	50	0	02-12-2014	000000492	EMCO WATERWORKS	009-42013006	STAINLESS STEEL COUPLING 3"	NR	CAD	2.00	44.33	88.66	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	
E30003588	60	0	02-12-2014	000000492	EMCO WATERWORKS	009-42013007	STAINLESS STEEL COUPLING 2"	NR	CAD	2.00	18.10	36.20	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	7622174
E30003588	70	0	02-12-2014	000000492	EMCO WATERWORKS	009-42013008	STAINLESS STEEL COUPLING 1-1/2"	NR	CAD	2.00	12.36	24.72	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	7622173
E30003588	80	0	02-12-2014	000000492	EMCO WATERWORKS	402-13788721	HEAT TRACE WIRE 5 WATT (1 PASS) 240 VOLT	FT	CAD	25.00	39.90	3,265.35	0.00	0.00	0.00	17-12-2014	25.00	3,265.35	0.00	0.00	09-01-2015	M00011022	TCAD0065575	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	02-12-2014	CONSTANT WATTAGE CABLE
E30003589	10	0	02-12-2014	000000216	NATIONAL SAFETY EQUIPMENT	03210203010	HARNESSES FALL ARRESTER TRACTEL ET10 SIZE M	NR	CAD	5.00	69.69	348.45	0.00	0.00	0.00	17-12-2014	5.00	348.45	0.00	0.00	16-12-2014	M00010888	5-404133	E30001	E300001	10720		Joanne Stirling	CAD	0.00	02-12-2014	PLEASE ENSURE ITEM MEETS CSA SAFETY STAN
E30003589	20	0	02-12-2014	000000216	NATIONAL SAFETY EQUIPMENT	03210203009	HARNESSES FALL ARRESTER TRACTEL ET10 SIZE L	NR	CAD	5.00	109.95	549.75	0.00	0.00	0.00	17-12-2014	5.00	549.75	0.00	0.00	16-12-2014	M00010888	5-404133	E30001	E300001	10720		Joanne Stirling	CAD	0.00	02-12-2014	PLEASE ENSURE ITEM MEETS CSA SAFETY STAN
E30003589	30	0	02-12-2014	000000216	NATIONAL SAFETY EQUIPMENT	03210203008	HARNESSES FALL ARRESTER TRACTEL ET10 SIZE XL	NR	CAD	5.00	69.95	349.75	0.00	0.00	0.00	17-12-2014	5.00	349.75	5.00	349.75	08-12-2014	M00010772	5-403091 INV	E30001	E300001	10720		Joanne Stirling	CAD	0.00	02-12-2014	PLEASE ENSURE ITEM MEETS CSA SAFETY STAN
E30003589	40	0	02-12-2014	000000216	NATIONAL SAFETY EQUIPMENT	03210203027	LANYARD SHOCK ABSORBING 6' TYPE E6	NR	CAD	5.00	109.95	549.75	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Joanne Stirling	CAD	0.00	02-12-2014	PLEASE ENSURE ITEM MEETS CSA SAFETY STAN
E30003589	50	0	02-12-2014	000000216	NATIONAL SAFETY EQUIPMENT	032-06302705	RETRACTABLE LANYARD 10'	NR	CAD	5.00	199.95	999.75	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Joanne Stirling	CAD	0.00	02-12-2014	PLEASE ENSURE ITEM MEETS CSA SAFETY STAN
E30003589	60	0	02-12-2014	000000216	NATIONAL SAFETY EQUIPMENT	032-10203026	SELF RETRACTING LANYARD MS-16 16FOOT	NR	CAD	5.00	299.95	1,499.75	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Joanne Stirling	CAD	0.00	02-12-2014	PLEASE ENSURE ITEM MEETS CSA SAFETY STAN
E30003590	10	0	02-12-2014	000000316	NL CONSTRUCTION ASSOCIATION	C0806013	WORKS AND SERVICES (NR)	NR	CAD	1.00	395.00	395.00	0.00	0.00	0.00	02-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10200	62500002	Hillier Vicki	CAD	0.00	02-12-2014	EXTERNAL SAFETY AUDIT COMPLETEED BY GARY
E30003591	10	0	28-11-2014	000000367	CTS LTD	C0806013	WORKS AND SERVICES (NR)	NR	GBP	1.00	3,800.00	3,800.00	0.00	0.00	0.00	28-11-2014	1.00	3,800.00	1.00	3,800.00	28-11-2014	M00009830			E300001	10506	62500002	NOVIN MITRA	CAD	0.00	02-12-2014	
E30003591	20	0	28-11-2014	000000367	CTS LTD	C0806013	WORKS AND SERVICES (NR)	NR	GBP	1.00	3,800.00	3,800.00	0.00	0.00	0.00	28-11-2014	1.00	3,800.00	1.00	3,800.00	28-11-2014	M00009831			E300001	10506	62500002	NOVIN MITRA	CAD	0.00	02-12-2014	
E30003591	30	0	28-11-2014	000000367	CTS LTD	C0806013	WORKS AND SERVICES (NR)	NR	GBP	1.00	3,800.00	3,800.00	0.00	0.00	0.00	28-11-2014	1.00	3,800.00	0.00	0.00	28-11-2014	M00009832			E300001	10506	62500002	NOVIN MITRA	CAD	0.00	02-12-2014	
E30003593	10	0	04-12-2014	000000593	CAPITOL EQ2 LLC	123-12070105	URETHANE FLUSHING RUBBER 1/2"X4" (100'/RTL)	NR	CAD	1.00	300.00	300.00	0.00	0.00	0.00	05-01-2015	1.00	300.00	0.00	0.00	09-01-2015	M00011011	20143473	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	P/N 6557A
E30003593	20	0	04-12-2014	000000593	CAPITOL EQ2 LLC	123-12070106	URETHANE FLUSHING RUBBER 1/2"X6" (100'/ROLL)	NR	CAD	1.00	420.00	420.00	0.00	0.00	0.00	05-01-2015	1.00	420.00	0.00	0.00	09-01-2015	M00011011	20143473	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	P/N 6559A
E30003594	10	0	04-12-2014	000000243	UNITED RENTALS	R112053	RENTAL POWER GENERATING UNIT (	MON	CAD	5.00	1,535.00	7,675.00	0.00	0.00	0.00	04-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	10223796	62400001	Joshi Pramod	CAD	0.00	04-12-2014	EXCHANGE GENERATORS # 10223796 FOR
E30003595	10	0	04-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	02003100005	BRONZING HEATING ROD	CAD	CAD	2.00	66.62	133.24	0.00	0.00	0.00	04-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	DELIVERY TO GATE FOR BRUCE GREEN.
E30003597	10	0	04-12-2014	000000207	ALANTRA LEASING INC	027-30901010	TOILET SEWAGE EJECTOR (PUMP)	NR	CAD	8.00	1,018.75	8,150.00	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003598	10	0	04-12-2014	000000296	PARDY'S WASTE MANAGEMENT & INDUSTR	R111280	RENTAL (GG)	DAY	CAD	180.00	150.00	27,000.00	0.00	0.00	0.00	04-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	Joshi Pramod	CAD	0.00	04-12-2014	RENTAL IS FOR 6-MONTH EXTENSION TO
E30003599	10	0	04-12-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	364-062116919	HILTI CHIPPING BIT FOR TE70 COMBIHAMMER	NR	CAD	2.00	50.00	100.00	0.00	0.00	0.00	15-12-2014	2.00	100.00	0.00	0.00	15-12-2014	M00010855	03-152114-0	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	04-12-2014	2-1/2" OR 3" WIDE BITS
E30003600	10	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	044-01038068	TAPE DANGER RED COLOUR	NR	CAD	50.00	16.89	844.50	0.00	0.00	0.00	15-12-2014	30.00	506.70	30.00	506.70	16-12-2014	M00010780	7628 0003273	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003600	10	1	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	044-01038068	TAPE DANGER RED COLOUR	NR	CAD	0.00	16.89	0.00	0.00	20.00	337.80	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003600	20	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	032-35105050	BARRICADE TAGS	NR	CAD	200.00	0.64	128.00	0.00	0.00	0.00	15-12-2014	200.00	128.00	200.00	128.54	16-12-2014	M00010780	7628 0003273	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003600	30	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	49911010182	TAPE ELECTRICAL RED	NR	CAD	50.00	0.61	30.50	0.00	0.00	0.00	15-12-2014	50.00	30.50	50.00	30.50	16-12-2014	M00010780	7628 0003273	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003601	10	0	04-12-2014	000000605	Norseman Inc	033-30021400	TARPAULIN INSULATED CONCRETE	NR	CAD	84.00	1,224.37	102,847.08	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	INSULATED TARPAULINS 0.50" X 12' X 72'

PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUNT	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUN	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003601	20	0	04-12-2014	000000605	Norseman Inc	033-30021400	TARPAULIN INSULATED CONCRETE	NR	CAD	72.00	879.47	63,321.84	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	INSULATED TARPAULINS 0.50" X 12' X 50'
E30003601	30	0	04-12-2014	000000605	Norseman Inc	033-30021400	TARPAULIN INSULATED CONCRETE	NR	CAD	84.00	706.98	59,386.32	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	INSULATED TARPAULINS 0.50" X 12' X 39'
E30003602	10	0	04-12-2014	000000203	TOROMONT CAT	2CAT4C6054	OIL HOSE # 4C6054	NR	CAD	10.00	13.49	134.90	0.00	0.00	0.00	08-12-2014	10.00	134.90	10.00	134.90	10-12-2014	M00010821	48C033875-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	100 FT
E30003603	10	0	04-12-2014	000000272	VALLEY RENTALS & SALES LTD	033-0314010	STEEL JERRY CAN FOR DIESEL SAFETY YELLOW 20L	NR	CAD	40.00	53.95	2,158.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003603	20	0	04-12-2014	000000272	VALLEY RENTALS & SALES LTD	033-0314011	STEEL JERRY CAN FOR GASOLINE SAFETY RED 20L	NR	CAD	6.00	49.95	299.70	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003604	10	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108211	SAFETY FLEECE JACKET VIKING ORANGE SIZE M 6400	CAD	CAD	10.00	38.96	389.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003604	20	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108212	SAFETY FLEECE JACKET VIKING ORANGE SIZE L 6400J	CAD	CAD	10.00	38.96	389.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003604	30	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108213	SAFETY FLEECE JACKET VIKING ORANGE SIZE XL 6400	CAD	CAD	10.00	38.96	389.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003604	40	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108214	SAFETY FLEECE JACKET VIKING ORANGE SIZE 2XL 640	CAD	CAD	10.00	38.96	389.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003604	50	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108215	SAFETY FLEECE JACKET VIKING ORANGE SIZE 3XL 640	CAD	CAD	10.00	38.96	389.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003604	60	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108216	SAFETY FLEECE JACKET VIKING ORANGE SIZE 4XL 640	CAD	CAD	10.00	38.96	389.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003605	10	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012201	SAFETY JACKET VIKING ORANGE 300D SIZE M LOGO	CAD	CAD	10.00	116.05	1,160.50	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	SPECIAL ORDER FOR DELIVERY TO WAREHOUSE
E30003605	20	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012202	SAFETY JACKET VIKING ORANGE 300D SIZE L LOGO	CAD	CAD	10.00	116.05	1,160.50	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	SPECIAL ORDER FOR DELIVERY TO WAREHOUSE
E30003605	30	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108211	SAFETY FLEECE JACKET VIKING ORANGE SIZE M 6400	CAD	CAD	10.00	38.96	389.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	SPECIAL ORDER FOR DELIVERY TO WAREHOUSE
E30003605	40	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108212	SAFETY FLEECE JACKET VIKING ORANGE SIZE L 6400J	CAD	CAD	10.00	38.96	389.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	SPECIAL ORDER FOR DELIVERY TO WAREHOUSE
E30003606	10	0	04-12-2014	000000543	ACUREN GROUP INC	C0806013	WORKS AND SERVICES (NR)	NR	CAD	1.00	2,257.14	2,257.14	0.00	0.00	0.00	04-12-2014	1.00	2,257.14	1.00	2,257.14	19-12-2014	M00010616			E300001	10740	62500002	Bird, Barbara	CAD	0.00	04-12-2014	REQUEST IS FOR PAYMENT OF ACUREN INVOICE
E30003607	10	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108218	SAFETY JACKET VIKING ORANGE 300D SIZE S	CAD	CAD	5.00	116.05	580.25	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003607	20	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108219	SAFETY JACKET VIKING ORANGE 300D SIZE M	CAD	CAD	10.00	116.05	1,160.50	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003607	30	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108220	SAFETY JACKET VIKING ORANGE 300D SIZE L	CAD	CAD	10.00	116.05	1,160.50	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003607	40	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108221	SAFETY JACKET VIKING ORANGE 300D SIZE XL	CAD	CAD	10.00	116.05	1,160.50	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003607	50	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108222	SAFETY JACKET VIKING ORANGE 300D SIZE 2XL	CAD	CAD	10.00	116.05	1,160.50	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003607	60	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108223	SAFETY JACKET VIKING ORANGE 300D SIZE 3XL	CAD	CAD	10.00	116.05	1,160.50	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	AS PER COSTING AGREEMENT COSTING OF
E30003607	70	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108224	SAFETY JACKET VIKING ORANGE 300D SIZE 4XL	CAD	CAD	5.00	116.05	580.25	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	04-12-2014	
E30003608	10	0	04-12-2014	000000272	VALLEY RENTALS & SALES LTD	2ZZZ100188	1"X10' FUEL HOSE NPT (BOTH ENDS)	NR	CAD	2.00	139.95	279.90	0.00	0.00	0.00	06-12-2014	2.00	279.90	2.00	279.90	09-12-2014	M00010708	219659 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	20021988
E30003608	20	0	04-12-2014	000000272	VALLEY RENTALS & SALES LTD	2ZZZ100189	1 1/2" X 1" REDUCING COUPLING	NR	CAD	2.00	5.99	11.98	0.00	0.00	0.00	06-12-2014	2.00	11.98	2.00	11.98	09-12-2014	M00010708	219659 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003608	30	0	04-12-2014	000000272	VALLEY RENTALS & SALES LTD	2ZZZ100187	FUEL NOZZLE	NR	CAD	2.00	119.95	239.90	0.00	0.00	0.00	06-12-2014	2.00	239.90	2.00	239.90	09-12-2014	M00010708	219659 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	NENLS-AD
E30003609	10	0	04-12-2014	000000203	TOROMONT CAT	2CAT1584381	SEAL TCK MAS	NR	CAD	4.00	10.06	40.24	0.00	0.00	0.00	06-12-2014	4.00	40.24	4.00	40.24	10-12-2014	M00010805	48C033876-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003609	20	0	04-12-2014	000000203	TOROMONT CAT	2CAT1883064	PIN TCK MAST	NR	CAD	2.00	53.46	106.92	0.00	0.00	0.00	06-12-2014	2.00	106.92	2.00	106.92	10-12-2014	M00010805	48C033876-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003609	30	0	04-12-2014	000000203	TOROMONT CAT	2CAT0950863	COTTER PIN	NR	CAD	6.00	1.21	7.26	0.00	0.00	0.00	06-12-2014	6.00	7.26	6.00	7.26	10-12-2014	M00010805	48C033876-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003609	40	0	04-12-2014	000000203	TOROMONT CAT	2CAT9W3619	BOLT	NR	CAD	20.00	1.85	37.00	0.00	0.00	0.00	06-12-2014	20.00	37.00	20.00	37.00	10-12-2014	M00010805	48C033876-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003609	50	0	04-12-2014	000000203	TOROMONT CAT	2CAT9W3361	NUT TRACK	NR	CAD	20.00	1.37	27.40	0.00	0.00	0.00	06-12-2014	20.00	27.40	20.00	27.40	10-12-2014	M00010805	48C033876-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003610	10	0	04-12-2014	000000295	ACKLANDS-GRAINGER INC.	032-35105097	TAG CRDSK INSPECTION RECORD ACFTRS307CTP (25	NR	CAD	8.00	12.83	102.64	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	04-12-2014	
E30003611	10	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	2MAKFR4200G	FILL RITE TIDY TANK PUMPO 12 V 20 G.P.M.	NR	CAD	1.00	644.30	644.30	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	
E30003612	10	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	373-19018157	POINTING TROWEL WITH WOODEN HANDLE	NR	CAD	200.00	2.25	450.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	MARSHALLTOWN 5" POINTING TROWEL
E30003612	20	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	2WACSM2E	FLEXIBLE SHAFT #SM2-E FOR WACKER NEUSON VIBR	NR	CAD	4.00	171.00	684.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003612	30	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	2WACSM4S	FLEXIBLE SHAFT #SM4-S FOR WACKER NEUSON VIBR	NR	CAD	4.00	271.00	1,084.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003612	40	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	2WACSM7S	FLEXIBLE SHAFT #SM7-S FOR WACKER NEUSON VIBR	NR	CAD	16.00	361.00	5,776.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003612	50	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	2WACSM9S	FLEXIBLE SHAFT #SM9-S FOR WACKER NEUSON VIBR	NR	CAD	2.00	474.00	948.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003612	60	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	2WACH65	STANDARD VIBRATOR HEAD #H65 FOR WACKER NEU	NR	CAD	12.00	341.00	4,092.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003612	70	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	2WACH25S	SHORT VIBRATOR HEAD #H25S FOR WACKER NEUSO	NR	CAD	4.00	203.00	812.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003612	80	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	2WACH35S	SHORT VIBRATOR HEAD #H35S FOR WACKER NEUSO	NR	CAD	4.00	239.00	956.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003612	90	0	05-12-2014	000000202	BATTLEFIELD EQUIPMENT	2WACH45S	SHORT VIBRATOR HEAD #H45S FOR WACKER NEUSO	NR	CAD	4.00	265.00	1,060.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003613	10	0	05-12-2014	000000272	VALLEY RENTALS & SALES LTD	033-02190650	VACUUM CLEANER SHOPVAC	NR	CAD	10.00	209.00	2,090.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	REQUEST IS FOR RIGID VACUUM 16 GALLON
E30003613	20	0	05-12-2014	000000272	VALLEY RENTALS & SALES LTD	033-02190501	MAGNETIC SWEEPER 3' HANDLE TEKTON #7617 (50L	NR	CAD	50.00	19.50	975.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	
E30003613	30	0	05-12-2014	000000272	VALLEY RENTALS & SALES LTD	38006010360	BUCKET PLASTIC	NR	CAD	50.00	6.99	349.50	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	05-12-2014	REQUEST IS FOR PLASTIC 5-GALLON PAILS
E30003614	10	0	05-12-2014	000000429	SAVARD ENVIRONMENTAL INC	C0806038	DISPOSAL OF WASTE (TON)	TON	CAD	374.00	58.37	21,830.38	0.00	0.00	0.00	05-12-2014	374.00	21,830.38	374.00	21,827.52	30-11-2014	M00010403			E300001	10740	62500002	LEGROW DERRICK	CAD	0.00	05-12-2014	REQUEST IS FOR PAYMENT OF INVOICE (21321
E30003615	10	0	05-12-2014	000000670	Westlund - Division of EMCO	009-33003100	VICTAULIC COUPLING BOLTED 100MM (4") C/W GAS	NR	CAD	6.00	35.47	212.82	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	05-12-2014	AS PER THE ATTACHED.
E30003616	10	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,899.95	68,398.20	0.00	0.00	0.00	05-12-2014	1.00	1,899.95	1.00	1,899.95	12-11-2014	M00010314			E300003	ACMF0504-001	62400002	Palfy Robert	CAD	1,899.95	05-12-2014	New 2014 CAT 304E CR Mini-Excavator
E30003616	10	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,899.95	0.00	0.00	35.00	66,498.25	05-12-2014	1.00	1,899.95	1.00	1,899.95	16-11-2014	M00010315			E300003	ACMF0504-001	62400002	Palfy Robert	CAD	1,899.95	05-12-2014	New 2014 CAT 304E CR Mini-Excavator
E30003616	10	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,899.95	0.00	0.00	34.00	64,598.30	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0504-001	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 CAT 304E CR Mini-Excavator
E30003617	10	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	8,116.06	292,178.16	0.00	0.00	0.00	05-12-2014	1.00	8,116.06	1.00	8,116.06	09-11-2014	M00010259			E300003	ACMF0525-001	62400002	Palfy Robert	CAD	8,116.06	05-12-2014	Used 2011 CAT D6T XL Dozer
E30003617	10	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	8,116.06	0.00	0.00	35.00	284,062.10	05-12-2014	1.00	8,116.06	1.00	8,116.06	12-11-2014	M00010260			E300003	ACMF0525-001	62400002	Palfy Robert	CAD	8,116.06	05-12-2014	Used 2011 CAT D6T XL Dozer
E30003617	10	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	8,116.06	0.00	0.00	34.00	275,946.04	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0525-001	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2011 CAT D6T XL Dozer
E30003618	10	0	05-12-2014	000000670	Westlund - Division of EMCO	027-10100304	COPPER TEE 1/2"	NR	CAD	1.00	0.99	0.99	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	
E30003618	20	0	05-12-2014	000000670	Westlund - Division of EMCO	027-10100404	COPPER COUPLING 1/2"	NR	CAD	12.00	0.49	5.88	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	
E30003618	30	0	05-12-2014	000000670	Westlund - Division of EMCO	027-20101004	PEX TUBING 1/2"	FT	CAD	80.00	0.29	23.20	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	
E30003618	40	0	05-12-2014	000000670	Westlund - Division of EMCO	009-33004012	ELBOW 90DG 1/2" SHARK BITE	NR	CAD	6.00	4.62	27.72	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	
E30003618	50	0	05-12-2014	000000670	Westlund - Division of EMCO	344-28110410	PROPANE TORCH TIP	NR	CAD	2.00	96.20	192.40	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	
E30003618	60	0	05-12-2014	000000670	Westlund - Division of EMCO	344-28210452	BOX PROPANE CYLINDER FOR TORCH TIP	NR	CAD	1.00	9.79	9.79	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	1 BOX
E30003618	70	0	05-12-2014	000000670	Westlund - Division of EMCO	124-80323712	FIBERGLASS INSULATION 1/2"THK	M	CAD	24.00	7.03	168.72	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	80 FT = 24 METER
E30003618	80	0	05-12-2014	000000670	Westlund - Division of EMCO	027-20100104	PEX RING 1/2"	NR	CAD	200.00	0.26	52.00	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	
E30003619	10	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	950.06	34,202.16	0.00	0.00	0.00	05-12-2014	1.00	950.06	1.00	950.06	12-11-2014	M00010316			E300003	ACMF0602-002	62400002	Palfy Robert	CAD	950.06	05-12-2014	Used 2013 Chevy 3500 15-Passenger Van
E30003619	10	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	950.06	0.00	0.00	35.00	33,252.10	05-12-2014	1.00	950.06	1.00	950.06	19-11-2014	M00010318			E300003	ACMF0602-002	62400002	Palfy Robert	CAD	950.06	05-12-2014	Used 2013 Chevy 3500 15-Passenger Van
E30003619	10	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	950.06	0.00	0.00	34.00	32,302.04	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0602-002	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2013 Chevy 3500 15-Passenger Van
E30003619	20	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	950.06	34,202.16	0.00	0.00	0.00	05-12-2014	1.00	950.06	1.00	950.05	12-11-2014	M00010317			E300003	ACMF0602-003	62400002	Palfy Robert	CAD	950.05	05-12-2014	Used 2013 Chevy 3500 15-Passenger Van
E30003619	20	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	950.06	0.00	0.00	35.00	33,252.10	05-12-2014	1.00	950.06	1.00	950.05	19-11-2014	M00010319			E300003	ACMF0602-003	62400002	Palfy Robert	CAD	950.05	05-12-2014	Used 2013 Chevy 3500 15-Passenger Van
E30003619	20	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	950.06	0.00	0.00	34.00	32,302.04	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0602-003	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2013 Chevy 3500 15-Passenger Van
E30003620	10	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,876.36	67,548.96	0.00	0.00	0.00	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010320			E300003	ACMF0603-013	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	10	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	35.00	65,672.60	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010326			E300003	ACMF0603-013	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	10	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	34.00	63,796.24	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0603-013	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	20	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,876.36	67,548.96	0.00	0.00	0.00	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010321			E300003	ACMF0603-014	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	20	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	35.00	65,672.60	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010327			E300003	ACMF0603-014	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	20	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	34.00	63,796.24	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0603-014	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	30	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,876.36	67,548.96	0.00	0.00	0.00	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010322			E300003	ACMF0603-015	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	30	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	35.00	65,672.60	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010328			E300003	ACMF0603-015	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	30	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	34.00	63,796.24	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0603-015	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	40	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,876.36	67,548.96	0.00	0.00	0.00	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010323			E300003	ACMF0603-016	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	40	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	35.00	65,672.60	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010329			E300003	ACMF0603-016	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	40	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	34.00	63,796.24	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0603-016	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	50	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,876.36	67,548.96	0.00	0.00	0.00	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010324			E300003	ACMF0603-017	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	50	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	35.00	65,672.60	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010330			E300003	ACMF0603-017	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	50	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	34.00	63,796.24	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0603-017	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	60	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,876.36	67,548.96	0.00	0.00	0.00	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010325			E300003	ACMF0603-018	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	60	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	35.00	65,672.60	05-12-2014	1.00	1,876.36	1.00	1,876.36	12-11-2014	M00010331			E300003	ACMF0603-018	62400002	Palfy Robert	CAD	1,876.36	05-12-2014	Used 2012 International IC 48-Passenger
E30003620	60	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,876.36	0.00	0.00	34.00	63,796.24	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0603-018	62400002	Palfy Robert	CAD	0.00	05-12-2014	Used 2012 International IC 48-Passenger
E30003621	10	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010332			E300003	ACMF1246-094	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	10	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010348			E300003	ACMF1246-094	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	10	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-094	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	20	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010333			E300003	ACMF1246-095	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	20	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010349			E300003	ACMF1246-095	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	20	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-095	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	30	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010334			E300003	ACMF1246-096	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	30	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010350			E300003	ACMF1246-096	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	30	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-096	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	40	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010335			E300003	ACMF1246-097	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	40	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010351			E300003	ACMF1246-097	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	40	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-097	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	50	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010336			E300003	ACMF1246-098	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	50	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010352			E300003	ACMF1246-098	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	50	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-098	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	60	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010337			E300003	ACMF1246-099	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	60	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010353			E300003	ACMF1246-099	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	60	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-099	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	70	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010338			E300003	ACMF1246-100	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	70	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010354			E300003	ACMF1246-100	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	70	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-100	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	80	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010339			E300003	ACMF1246-101	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	80	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010355			E300003	ACMF1246-101	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	80	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-101	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	90	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010340			E300003	ACMF1246-102	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	90	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010356			E300003	ACMF1246-102	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	90	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-102	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	100	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010341			E300003	ACMF1246-103	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	100	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010357			E300003	ACMF1246-103	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	100	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-103	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	110	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010342			E300003	ACMF1246-104	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	110	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	09-11-2014	M00010358			E300003	ACMF1246-104	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	110	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-104	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	120	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010343			E300003	ACMF1246-105	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	120	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	09-11-2014	M00010359			E300003	ACMF1246-105	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	120	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-105	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	130	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010344			E300003	ACMF1246-106	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	130	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	09-11-2014	M00010360			E300003	ACMF1246-106	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	130	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-106	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	140	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010345			E300003	ACMF1246-107	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	140	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	09-11-2014	M00010361			E300003	ACMF1246-107	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	140	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-107	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	150	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.53	05-11-2014	M00010346			E300003	ACMF1246-108	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	150	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.53	09-11-2014	M00010362			E300003	ACMF1246-108	62400002	Palfy Robert	CAD	2,608.53	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	150	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-108	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	160	0	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,608.53	93,907.08	0.00	0.00	0.00	05-12-2014	1.00	2,608.53	1.00	2,608.52	05-11-2014	M00010347			E300003	ACMF1246-109	62400002	Palfy Robert	CAD	2,608.52	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	160	1	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	35.00	91,298.55	05-12-2014	1.00	2,608.53	1.00	2,608.52	09-11-2014	M00010363			E300003	ACMF1246-109	62400002	Palfy Robert	CAD	2,608.52	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003621	160	2	05-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,608.53	0.00	0.00	34.00	88,690.02	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-109	62400002	Palfy Robert	CAD	0.00	05-12-2014	New 2014 Wacker Neuson HIF 1200
E30003623	10	0	05-12-2014	000000267	GOOSE SALES & SERVICE LTD	03301170602	DOOR LOCK	NR	CAD	1.00	48.41	48.41	0.00	0.00	0.00	12-12-2014	1.00	48.41	1.00	48.41	09-12-2014	M00010709	INV2731737	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	REQUIREMENT IS FOR DOOR LOCK AS PER THE
E30003624	10	0	05-12-2014	000000669	Harnois Groupe Petrolier Inc	2CAT2388649	CAT LONG LIFE COOLANT- 20 LT PAIL-	LT	CAD	2,400.00	3.99	9,576.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	05-12-2014	120 PAILS
E30003624	20	0	05-12-2014	000000669	Harnois Groupe Petrolier Inc	003-89021185	POWER STEERING FLUID GM	LT	CAD	600.00	4.63	2,778.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	05-12-2014	50 CASES
E30003624	30	0	05-12-2014	000000669	Harnois Groupe Petrolier Inc	003-02005050	STANDARD 50/50 COOLANT PREMIXED -20 LT PAIL	LT	CAD	60.00	3.69	221.40	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	05-12-2014	30 PAILS (EACH 30 LT)
E30003624	40	0	05-12-2014	000000669	Harnois Groupe Petrolier Inc	003-10953464	COOLANT DEXTRON-VI ATF (4X5)	LT	CAD	3,000.00	5.29	15,870.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	05-12-2014	P/N 110277
E30003624	50	0	05-12-2014	000000669	Harnois Groupe Petrolier Inc	003-89021187	MERCONV POWER STEERING FLUID FORD	LT	CAD	80.00	4.63	370.40	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	05-12-2014	CASE OF 12
E30003624	60	0	05-12-2014	000000669	Harnois Groupe Petrolier Inc	003-19000601	DEF FLUID - DIESEL EXHAUST RCD55-124AIR (3.78L)	NR	CAD	600.00	1.99	1,194.00	0.00	0.00	0.00	05-06-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	05-12-2014	39 CASES
E30003625	10	0	05-12-2014	000000272	VALLEY RENTALS & SALES LTD	033-0314010	STEEL JERRY CAN FOR DIESEL SAFETY YELLOW 20L	CAD	CAD	6.00	56.95	341.70	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	
E30003625	20	0	05-12-2014	000000272	VALLEY RENTALS & SALES LTD	033-0314011	STEEL JERRY CAN FOR GASOLINE SAFETY RED 20L	CAD	CAD	6.00	56.95	341.70	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	
E30003626	10	0	08-12-2014	000000627	IGLUTEQ COMPUTERS	491-40090111	DIGITAL CAMERA FUJI XP70 16.4 MP 5X	NR	CAD	2.00	219.95	439.90	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	YELLOW
E30003626	20	0	08-12-2014	000000627	IGLUTEQ COMPUTERS	491-40090111	DIGITAL CAMERA FUJI XP70 16.4 MP 5X	NR	CAD	2.00	219.95	439.90	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	BLUE
E30003626	30	0	08-12-2014	000000627	IGLUTEQ COMPUTERS	041-40090112	MEMORY CARD FOR DIGITAL CAMERA FUJI XP70 - 32	NR	CAD	2.00	29.95	59.90	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	

PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUNT	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUNT	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003627	10	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410105	THINSULATE THERMAL GLOVES 3M (-40G) 10 (XL)	PAI	CAD	40.00	11.50	460.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	AS PER COSTING AGREEMENT
E30003627	20	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410106	THINSULATE THERMAL GLOVES 3M (-40G) 11 (2XL)	PAI	CAD	40.00	11.50	460.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	AS PER COSTING AGREEMENT
E30003627	30	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410107	THINSULATE THERMAL GLOVES 3M (-40G) 12 (3XL)	PAI	CAD	40.00	11.50	460.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	AS PER COSTING AGREEMENT
E30003627	40	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410102	THINSULATE THERMAL GLOVES 3M (-40G) 7 (S)	PAI	CAD	40.00	7.50	300.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	AS PER COSTING AGREEMENT
E30003627	50	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410103	THINSULATE THERMAL GLOVES 3M (-40G) 8 (M)	PAI	CAD	40.00	7.50	300.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	AS PER COSTING AGREEMENT
E30003627	60	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410104	THINSULATE THERMAL GLOVES 3M (-40G) 9 (L)	PAI	CAD	50.00	7.50	375.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	AS PER COSTING AGREEMENT
E30003628	10	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500064	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 13 (C	PAI	CAD	20.00	50.62	1,012.40	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	AS PER COSTING AGREEMENT
E30003628	20	0	05-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500066	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 14 (C	PAI	CAD	30.00	50.62	1,518.60	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	05-12-2014	AS PER COSTING AGREEMENT
E30003629	10	0	05-12-2014	000000306	POMPACTION INCORPORATED	2PUT286270007	SEARCH LIGHT #286270007	NR	CAD	2.00	210.77	421.54	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	PUTZMEISTER PART NUMBER
E30003630	10	0	05-12-2014	000000277	HEAVYQUIP/MAC TOOLS	490-00000007	FUSES FOR VEHICLES	NR	CAD	6.00	38.69	232.14	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	PICO #33501-91
E30003631	10	0	05-12-2014	000000438	HOSKIN SCIENTIFIC LIMITED	390-30010117	YSI PRO 10 HANDHELD THERMOMETER #E528-60500	NR	CAD	1.00	560.00	560.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	AS PER THE ATTACHED QUOTATION.
E30003631	20	0	05-12-2014	000000438	HOSKIN SCIENTIFIC LIMITED	390-30010118	10-1 ISE/TEMP 1-METER CABLE ASSY #E528-60510-1	NR	CAD	1.00	299.00	299.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	AS PER THE ATTACHED QUOTATION.
E30003631	30	0	05-12-2014	000000438	HOSKIN SCIENTIFIC LIMITED	390-30010119	1001 PH PROBE #E528-605101	NR	CAD	2.00	214.00	428.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	AS PER THE ATTACHED QUOTATION.
E30003631	40	0	05-12-2014	000000438	HOSKIN SCIENTIFIC LIMITED	390-30010120	INSTRUMENT CARRYING CASE #E528-603162	NR	CAD	1.00	118.00	118.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	AS PER THE ATTACHED QUOTATION.
E30003631	50	0	05-12-2014	000000438	HOSKIN SCIENTIFIC LIMITED	390-30010121	MAINTENANCE KIT #E528-605745	NR	CAD	1.00	56.00	56.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	AS PER THE ATTACHED QUOTATION.
E30003632	10	0	05-12-2014	000000272	VALLEY RENTALS & SALES LTD	407-30041417	STATIC GROUND REEL 50' #9UCD4	NR	CAD	18.00	309.95	5,579.10	0.00	0.00	0.00	05-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	AS PER THE ATTACHED.
E30003633	10	0	05-12-2014	000000462	CITY TIRE & AUTO CENTRE LIMITED	004-00029525	TYRES 29.5 R 25	NR	CAD	1.00	14,725.80	14,725.80	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	05-12-2014	BRAND : MICHELIN
E30003634	10	0	06-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410102	THINSULATE THERMAL GLOVES 3M (-40G) 7 (S)	PAI	CAD	500.00	7.50	3,750.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	06-12-2014	AS PER COSTING AGREEMENT
E30003634	20	0	06-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410105	THINSULATE THERMAL GLOVES 3M (-40G) 10 (XL)	PAI	CAD	500.00	11.50	5,750.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	06-12-2014	SIZE XL
E30003634	30	0	06-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-90521001	BALACLAVA NORTH WL12FP	NR	CAD	200.00	6.50	1,300.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	06-12-2014	AS PER COSTING AGREEMENT
E30003634	50	0	06-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121100804	GLOVES NITRILE DIP BLUE SIZE 9(XL) NORTH SKU660	NR	CAD	145.00	2.73	395.85	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	06-12-2014	AS PER COSTING AGREEMENT
E30003634	60	0	06-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121100805	GLOVES NITRILE DIP BLUE SIZE 10(2XL) NORTH SKU6	NR	CAD	145.00	2.73	395.85	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	06-12-2014	AS PER COSTING AGREEMENT
E30003634	70	0	06-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-31171103	GLASSES VISTORS SPECTACLES CLEAR WRAPAROUND	PAI	CAD	100.00	1.55	155.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	06-12-2014	
E30003634	100	0	06-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21111017	GLOVES COTTON SIZE XL	PAI	CAD	80.00	0.43	34.40	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	06-12-2014	CAT. No. CDRGK1C-XL
E30003635	10	0	06-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	032-10203054	NANO-LOK SELF RETRACTING LIFELINE #3500232	NR	CAD	1.00	395.50	395.50	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	06-12-2014	ITEM TO CONFORM TO CSA SAFETY STANDARDS
E30003635	20	0	06-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	032-10203055	NANO-LOK SELF RETRACTING LIFELINE #3500235	NR	CAD	1.00	480.19	480.19	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	06-12-2014	ITEM TO CONFORM TO CSA SAFETY STANDARDS
E30003636	10	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188433	ELBOW P2W ZXM 180/150 90 DEG SWING W/CLEAN	NR	CAD	1.00	1,400.87	1,400.87	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	20	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188434	ELBOW P2W ZX 150-6.0-74 90 DEGREE #P188434	NR	CAD	1.00	872.87	872.87	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	30	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188435	REDUCER P2W ZXV 150-6/SK125-5.5 1200MM #P188	NR	CAD	1.00	1,089.56	1,089.56	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	40	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP246601	D ELBOW P2W SK125-5.5-74 45 DEGREE #P246601	NR	CAD	1.00	498.09	498.09	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	50	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP071295	O-RING M40.9X12.6 #P071295	NR	CAD	1.00	1.57	1.57	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	60	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00005909	O-RING 170.81 X 7 #P00005909	NR	CAD	2.00	1.29	2.58	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	70	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188426	DECK PIPE P2W DIN 125.5 5.6 +3MMX3000MM #P18	NR	CAD	2.00	524.54	1,049.08	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	80	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188437	ELBOW P2W SK125-5.5-72 10 DEGREE #P188437	NR	CAD	1.00	199.45	199.45	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	90	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP079662	DEL ELBOW HARDENED SK125/5.5X1335 #P079662	NR	CAD	1.00	2,176.90	2,176.90	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	100	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188443	ELBOW P2W SK125-5.5-74 90 DEG R=275 #P188443	NR	CAD	1.00	352.88	352.88	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	110	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188422	DECK PIPE P2W DIN 125.5 5.6 +3MMX1000MM #P18	NR	CAD	1.00	236.28	236.28	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	120	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188443	ELBOW P2W SK125-5.5-74 90 DEG R=275 #P188443	NR	CAD	10.00	352.88	3,528.80	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	130	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188442	ELBOW P2W SK125-5.5-72 90 DEG R=180 #P188442	NR	CAD	2.00	438.40	876.80	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	140	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188441	ELBOW P2W SK125-5.5-72 45 DEG #P188441	NR	CAD	2.00	306.86	613.72	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	150	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188402	BOOM PIPE P2W DIN 125.5 2.5 +1.5MMX3000MM #	NR	CAD	10.00	345.24	3,452.40	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	160	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188397	BOOM PIPE P2W DIN 125.5 2.5 +1.5MMX500MM #P	NR	CAD	1.00	134.24	134.24	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	170	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188401	BOOM PIPE P2W DIN 125.5 2.5+1.5MMX2500MM #	NR	CAD	2.00	303.03	606.06	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	180	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188398	BOOM PIPE P2W DIN 125.5 2.5+1.5MMX1000MM #	NR	CAD	3.00	176.44	529.32	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	190	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188400	BOOM PIPE P2W DIN 125.5 2.5+1.5MMX2000MM P	NR	CAD	1.00	260.83	260.83	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	200	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00006169	SEAL TYPE C D125/5.5" #P00006169	NR	CAD	40.00	3.54	141.60	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003636	210	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00004553	SEAL TYPE A DN125/5.5" #P00004553	NR	CAD	8.00	2.62	20.96	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	10	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188433	ELBOW P2W ZXM 180/150 90 DEG SWING W/CLEAN	NR	CAD	1.00	1,400.87	1,400.87	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	20	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188434	ELBOW P2W ZX 150-6.0-74 90 DEGREE #P188434	NR	CAD	1.00	872.87	872.87	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	30	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188435	REDUCER P2W ZXV 150-6/SK125-5.5 1200MM #P188	NR	CAD	1.00	1,089.56	1,089.56	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	40	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP246601	D ELBOW P2W SK125-5.5-74 45 DEGREE #P246601	NR	CAD	1.00	498.09	498.09	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	50	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP071295	O-RING M40.9X12.6 #P071295	NR	CAD	1.00	1.57	1.57	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	60	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00005909	O-RING 170.81 X 7 #P00005909	NR	CAD	2.00	1.29	2.58	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	70	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188427	DECK PIPE P2W DIN 125.5 5.6 +3MM X 3500MM #P1	NR	CAD	1.00	596.59	596.59	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	80	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188426	DECK PIPE P2W DIN 125.5 5.6 +3MMX3000MM #P18	NR	CAD	1.00	524.54	524.54	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	90	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188443	ELBOW P2W SK125-5.5-74 90 DEG R=275 #P188443	NR	CAD	1.00	352.88	352.88	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	100	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188423	DECK PIPE P2W DIN 125.5 5.6 +3MMX1500MM #P18	NR	CAD	1.00	308.39	308.39	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	110	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188443	ELBOW P2W SK125-5.5-74 90 DEG R=275 #P188443	NR	CAD	10.00	352.88	3,528.80	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	120	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188414	BOOM PIPE P2W DIN 125.5 3 + 1.5MMX3000MM #P	NR	CAD	8.00	326.62	2,612.96	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	130	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188409	BOOM PIPE P2W DIN 125.5 3 + 1.5MMX500MM #P1	NR	CAD	1.00	131.18	131.18	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	140	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188413	BOOM PIPE P2W DIN 125.5 3 +1.5MMX2500MM #P1	NR	CAD	1.00	287.57	287.57	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	150	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188411	BOOM PIPE P2W DIN 125.5 3 +1.5MMX1500MM #P1	NR	CAD	1.00	209.42	209.42	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	160	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188416	BOOM PIPE P2W DIN 125.5 3 + 1.5MMX4000MM #P	NR	CAD	1.00	404.71	404.71	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	170	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188416	BOOM PIPE P2W DIN 125.5 3 + 1.5MMX4000MM #P	NR	CAD	1.00	404.71	404.71	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	180	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00006169	SEAL TYPE C D125/5.5" #P00006169	NR	CAD	30.00	3.54	106.20	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003637	190	0	06-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00004553	SEAL TYPE A DN125/5.5" #P00004553	NR	CAD	8.00	2.62	20.96	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003638	10	0	30-11-2014	000000671	8648034 Canada Limited	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	17,250.00	17,250.00	0.00	0.00	0.00	30-11-2014	1.00	17,250.00	1.00	17,610.00	30-11-2014	M00009999			E300001	10513	62500001	Barreto Francisco	CAD	0.00	06-12-2014	
E30003639	10	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW80004407	LATCH LEFT AND ROTARY	NR	CAD	1.00	61.52	61.52	0.00	0.00	0.00	17-01-2015	1.00	61.52	1.00	61.52	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	20	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW80004406	LATCH RIGHT AND ROTARY	NR	CAD	1.00	75.46	75.46	0.00	0.00	0.00	17-01-2015	1.00	75.46	1.00	75.46	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	30	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW80004574	HANDLE	NR	CAD	1.00	194.81	194.81	0.00	0.00	0.00	17-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	40	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW80004480	HANDLE MODIFIED DOOR	NR	CAD	1.00	222.29	222.29	0.00	0.00	0.00	17-01-2015	1.00	222.29	1.00	333.25	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	50	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW9576101074	KEY	NR	CAD	1.00	18.22	18.22	0.00	0.00	0.00	17-01-2015	1.00	18.22	1.00	18.22	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	60	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7101101207	SCREW MACHINE 3/16"-32 NF X 1 1/2"	NR	CAD	2.00	0.20	0.40	0.00	0.00	0.00	17-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	70	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW800016406	GASKET DOOR HANDLE	NR	CAD	1.00	2.74	2.74	0.00	0.00	0.00	17-01-2015	1.00	2.74	1.00	2.74	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	80	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW80004994	ROD LATCH	NR	CAD	2.00	35.06	70.12	0.00	0.00	0.00	17-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	90	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW80004486	PLATE MOUNTING	NR	CAD	1.00	290.59	290.59	0.00	0.00	0.00	17-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	100	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW80004996	PLATE CAB LATCH	NR	CAD	1.00	189.24	189.24	0.00	0.00	0.00	17-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	110	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7834000193	SPRING	NR	CAD	2.00	19.79	39.58	0.00	0.00	0.00	17-01-2015	2.00	39.58	2.00	39.58	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	120	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7690051444	PIN	NR	CAD	1.00	0.06	0.06	0.00	0.00	0.00	17-01-2015	1.00	0.06	1.00	0.06	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	130	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7822000598	SLEEVE VYNIL	NR	CAD	1.00	0.25	0.25	0.00	0.00	0.00	17-01-2015	1.00	0.25	1.00	0.25	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	140	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7258001451	CAP 1/4"	NR	CAD	8.00	0.48	3.84	0.00	0.00	0.00	17-01-2015	8.00	3.84	8.00	3.84	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	150	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7690021610	PIN #2 X 1" LONG COTTER	NR	CAD	4.00	0.22	0.88	0.00	0.00	0.00	17-01-2015	4.00	0.88	4.00	0.88	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	160	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7950100161	FLATWASHER 3/16" I.D	NR	CAD	4.00	0.11	0.44	0.00	0.00	0.00	17-01-2015	4.00	0.44	4.00	0.44	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	170	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7126151353	CAP SCREW M6 X 30 HEX HEAD	NR	CAD	4.00	0.25	1.00	0.00	0.00	0.00	17-01-2015	4.00	1.00	4.00	1.00	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	180	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7661150003	LOCKWASHER 6MM N.C	NR	CAD	4.00	0.23	0.92	0.00	0.00	0.00	17-01-2015	4.00	0.92	4.00	0.92	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	190	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7790140853	SCREW SELF TAPPING 1/4"-20NC X 1/2"	NR	CAD	3.00	1.33	3.99	0.00	0.00	0.00	17-01-2015	3.00	3.99	3.00	3.99	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	200	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7115140550	CAP SCREW 1/4"- 20NC X 5/8" GRADE 5	NR	CAD	2.00	0.11	0.22	0.00	0.00	0.00	17-01-2015	2.00	0.22	2.00	0.22	16-12-2014	M00010983	225078	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	210	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7950140050	LOCKWASHER 1/4 I.D	NR	CAD	2.00	0.13	0.26	0.00	0.00	0.00	17-01-2015	2.00	0.26	2.00	0.26	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	220	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7790100871	SCREW SELF TAPPING 3/16"-24NC X 1/2" GRADE 1	NR	CAD	3.00	0.12	0.36	0.00	0.00	0.00	17-01-2015	3.00	0.36	3.00	0.36	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003639	230	0	06-12-2014	000000541	SHAWMUT EQUIPMENT OF CANADA INC	2MAW7950080141	FLATWASHER 5/32" I.D	NR	CAD	6.00	0.08	0.48	0.00	0.00	0.00	17-01-2015	6.00	0.48	6.00	0.48	28-12-2014	M00010883	225078161214	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	06-12-2014	
E30003640	10	0	07-12-2014	000000243	UNITED RENTALS	R112903	RENTAL FORK-LIFT	WKS	CAD	2.00	1,478.00	2,956.00	0.00	0.00	0.00	07-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	10322713	62400001	LEGROW DERRICK	CAD	0.00	07-12-2014	FORKLIFT VARIABLE REACH 10000# 50" & UP
E30003640	20	0	07-12-2014	000000243	UNITED RENTALS	R112903	RENTAL FORK-LIFT	DAY	CAD	1.00	301.20	301.20	0.00	0.00	0.00	07-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	10322713	62400001	LEGROW DERRICK	CAD	0.00	07-12-2014	ENVIRONMENTAL CHARGE 6.20
E30003641	10	0	07-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	18,000.00	18,000.00	0.00	0.00	0.00	07-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML001	62400001	LEGROW DERRICK	CAD	0.00	07-12-2014	RENT FOR MIN 4 MONTHS OF PLOW/
E30003641	20	0	07-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112068	RENTAL PLATFORM (DAY)	MON	CAD	1.00	18,000.00	18,000.00	0.00	0.00	0.00	07-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML001	62400001	LEGROW DERRICK	CAD	0.00	07-12-2014	RENT FOR MIN 4 MONTHS OF PLOW/
E30003641	30	0	07-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	18,000.00	18,000.00	0.00	0.00	0.00	07-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML001	62400001	LEGROW DERRICK	CAD	0.00	07-12-2014	RENT FOR MIN 4 MONTHS OF PLOW/
E30003641	40	0	07-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	18,000.00	18,000.00	0.00	0.00	0.00	07-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML001	62400001	LEGROW DERRICK	CAD	0.00	07-12-2014	RENT FOR MIN 4 MONTHS OF PLOW/
E30003642	10	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR188638C91	TUBE ASSY TURBO OIL SUPPLY #188638C91	NR	CAD	2.00	102.50	205.00	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	20	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1818227C1	BOLT #1818227C1	NR	CAD	12.00	1.88	22.56	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	30	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR7079904C94	TURBO OIL W/BOOST TUBES #7079904C94	NR	CAD	2.00	106.66	213.32	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	40	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR884015E001	TURBO CHARGER OIL LINES #1886338C92	NR	CAD	2.00	102.56	205.12	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	50	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1833625C1	TUBE ASSY EXHAUST LEFT #1833625C1	NR	CAD	2.00	100.41	200.82	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	60	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883626C1	TUBE ASSY EXHAUST RIGHT #1883626C1	NR	CAD	2.00	125.01	250.02	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	70	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883551C1	MANIFOLD TURBO EXHAUST INLET #1883551C1	NR	CAD	2.00	107.30	214.60	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	80	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1878460C1	GASKET TURBO INLET #1878460C1	NR	CAD	6.00	10.01	60.06	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	90	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883660C1	V-BAND GASKET #1883660C1	NR	CAD	6.00	4.61	27.66	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	100	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1875808C1	EXHAUST GASKET #1875808C1	NR	CAD	6.00	23.61	141.66	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	110	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883659C1	V-BAND CLAMP #1883659C1	NR	CAD	12.00	29.82	357.84	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	120	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883659C2	V-BAND CLAMP #1883659C2	NR	CAD	12.00	29.82	357.84	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	130	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1871252C2	HEX FLANGE BOLT #1871252C2	NR	CAD	12.00	11.11	133.32	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	140	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1841574C2	FLANGE HEAD NUT #1841574C2	NR	CAD	12.00	11.72	140.64	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	150	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1848431C1	HIGH TEMPERATURE BOLT #1848431C1	NR	CAD	12.00	14.03	168.36	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	160	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR7079904C91	TURBO OIL AND BOOST TUBES KIT #7079904C91	NR	CAD	1.00	106.66	106.66	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	170	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1840576C1	BOLT #1840576C1	NR	CAD	12.00	5.12	61.44	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	180	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1818227C1	BOLT #1818227C1	NR	CAD	12.00	1.88	22.56	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	190	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1822888C1	BOLT #1822888C1	NR	CAD	6.00	1.37	8.22	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	200	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1844895C1	BOLT #1844895C1	NR	CAD	12.00	2.85	34.20	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	210	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR31083R1	NUT #31083R1	NR	CAD	12.00	0.92	11.04	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	220	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1881557C1	STUD #1881557C1	NR	CAD	12.00	4.95	59.40	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	230	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1821646C1	BOLT, HEX FLANGED #1821646C1	NR	CAD	2.00	4.68	9.36	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	240	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1880669C1	SOCKET HEAD BOLT #1880669C1	NR	CAD	12.00	3.83	45.96	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	250	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR62094130008	BOOST CONTROL SOLENOID VALVE #62094130008	NR	CAD	3.00	86.88	260.64	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	260	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1886507C1	TUBE ASSEMBLY #1886507C1	NR	CAD	3.00	18.78	56.34	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	270	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883373C1	SHIELD HEAT RIGHT PUMP COVER #1883373C1	NR	CAD	2.00	8.70	17.40	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	280	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1886047C1	SHIELD HEAT LEFT PUMP COVER #1886047C1	NR	CAD	2.00	23.36	46.72	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	290	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1882330C1	SHIELD HEAT HP TURBO CHARGER #1882330C1	NR	CAD	2.00	13.34	26.68	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	300	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1889613C1	TUBE ASSY, WASTEGATE #1889613C1	NR	CAD	3.00	3.10	9.30	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	310	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR7079583C1	WASTEGATE HOSE #7079583C1	NR	CAD	3.00	17.61	52.83	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	320	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1881111C1	SHIELD HEAT LP TURBO CHARGER #1881111C1	NR	CAD	2.00	10.97	21.94	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	330	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1886508C1	TUBE RELIEF TO DUCT #1886508C1	NR	CAD	2.00	11.86	23.72	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	340	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1889587C91	TURBO CHARGER ASSY #1897457C94	NR	CAD	2.00	102.50	205.00	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003642	350	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883625C2	TUBE ASSY EXHAUST LEFT #1883625C2	NR	CAD	1.00	100.41	100.41	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	360	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883626C2	TUBE ASSY EXHAUST RIGHT #1883626C2	NR	CAD	1.00	125.01	125.01	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	370	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883551C1	MANIFOLD TURBO EXHAUST INLET #1883551C1	NR	CAD	1.00	107.30	107.30	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	380	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1878460C1	GASKET TURBO INLET #1878460C1	NR	CAD	2.00	10.01	20.02	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	390	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883660C1	V-BAND GASKET #1883660C1	NR	CAD	2.00	4.61	9.22	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	400	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1875808C1	EXHAUST GASKET #1875808C1	NR	CAD	2.00	23.61	47.22	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	410	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883659C2	V-BAND CLAMP #1883659C2	NR	CAD	2.00	29.82	59.64	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	420	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1871252C2	HEX FLANGE BOLT #1871252C2	NR	CAD	6.00	11.11	66.66	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	430	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1841574C2	FLANGE HEAD NUT #1841574C2	NR	CAD	3.00	11.72	35.16	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	440	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1848431C2	M10X30 BOLT	NR	CAD	3.00	14.03	42.09	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003642	450	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1897457C94	LOWER TURBO	NR	CAD	2.00	1,786.00	3,572.00	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	KIT TURBO HP $1245.82/EA
E30003642	460	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1817953C1	BOLT M6 X1.0X16MM HEX FLA# 1817953C1	NR	CAD	6.00	3.56	21.36	0.00	0.00	0.00	21-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	KIT TURBO HP $1245.82/EA
E30003643	10	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1833625C1	TUBE ASSY EXHAUST LEFT #1833625C1	NR	CAD	2.00	100.41	200.82	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	20	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR188362C1	TUBE ASSY EXHAUST RIGHT #188362C1	NR	CAD	4.00	125.01	500.04	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	30	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883551C1	MANIFOLD TURBO EXHAUST INLET #1883551C1	NR	CAD	2.00	107.30	214.60	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER

PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUN	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUN	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003643	40	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1878460C1	GASKET TURBO INLET #1878460C1	NR	CAD	12.00	10.01	120.12	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	50	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883660C1	V-BAND GASKET #1883660C1	NR	CAD	12.00	4.61	55.32	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	60	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1875808C1	EXHAUST GASKET #1875808C1	NR	CAD	12.00	23.61	283.32	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	70	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883659C1	V-BAND CLAMP #1883659C1	NR	CAD	12.00	29.82	357.84	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	80	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883659C2	V-BAND CLAMP #1883659C2	NR	CAD	12.00	29.82	357.84	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	90	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1871252C2	HEX FLANGE BOLT #1871252C2	NR	CAD	18.00	11.11	199.98	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	100	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR7079904C91	TURBO OIL AND BOOST TUBES KIT #7079904C91	NR	CAD	6.00	106.66	639.96	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	110	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1886338C91	TURBO OIL SUPPLY ASSY KIT #1886338C91	NR	CAD	2.00	102.50	205.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	120	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1818227C1	BOLT #1818227C1	NR	CAD	6.00	1.88	11.28	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	130	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR7079904C94	TURBO OIL W/BOOST TUBES #7079904C94	NR	CAD	3.00	106.66	319.98	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	140	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1889587C91	TURBO CHARGER ASSY #1897457C94	NR	CAD	2.00	1,786.00	3,572.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	150	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1840576C1	BOLT #1840576C1	NR	CAD	12.00	5.12	61.44	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	160	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1818227C1	BOLT #1818227C1	NR	CAD	6.00	1.88	11.28	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	170	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR182288C1	BOLT #182288C1	NR	CAD	6.00	1.37	8.22	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	180	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1844895C1	BOLT #1844895C1	NR	CAD	6.00	2.85	17.10	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	190	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR31083R1	NUT #31083R1	NR	CAD	12.00	0.92	11.04	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	200	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1881557C1	STUD #1881557C1	NR	CAD	12.00	4.95	59.40	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	210	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1821646C1	BOLT, HEX FLANGED #1821646C1	NR	CAD	6.00	4.68	28.08	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	220	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR183177C1	SPACER BOLT TURBO #183177C1	NR	CAD	6.00	4.94	29.64	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	230	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1880669C1	SOCKET HEAD BOLT #1880669C1	NR	CAD	6.00	3.83	22.98	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	240	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR62094130008	BOOST CONTROL SOLENOID VALVE #62094130008	NR	CAD	3.00	86.88	260.64	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	250	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1886507C1	TUBE ASSEMBLY #1886507C1	NR	CAD	6.00	18.78	112.68	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	260	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883373C1	SHIELD HEAT RIGHT PUMP COVER #1883373C1	NR	CAD	2.00	8.70	17.40	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	270	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR7092860C1	HOSE CLAMP #7092860C1	NR	CAD	12.00	5.32	63.84	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL PART NUMBER
E30003643	280	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883625C2	TUBE ASSY EXHAUST LEFT #1883625C2	NR	CAD	6.00	100.41	602.46	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	290	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883626C2	TUBE ASSY EXHAUST RIGHT #1883626C2	NR	CAD	6.00	125.01	750.06	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	300	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883551C1	MANIFOLD TURBO EXHAUST INLET #1883551C1	NR	CAD	6.00	107.30	643.80	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	310	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1878460C1	GASKET TURBO INLET #1878460C1	NR	CAD	12.00	10.01	120.12	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	320	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883660C1	V-BAND GASKET #1883660C1	NR	CAD	12.00	4.61	55.32	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	330	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1875808C1	EXHAUST GASKET #1875808C1	NR	CAD	12.00	23.61	283.32	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	340	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1883659C2	V-BAND CLAMP #1883659C2	NR	CAD	12.00	29.82	357.84	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	350	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1871252C2	HEX FLANGE BOLT #1871252C2	NR	CAD	36.00	11.11	399.96	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	360	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1841574C2	FLANGE HEAD NUT #1841574C2	NR	CAD	18.00	11.72	210.96	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003643	370	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1848431C2	M10X30 BOLT	NR	CAD	18.00	14.03	252.54	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003644	10	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1848548C1	TUBE EXHAUST LEFT #1848548C1	NR	CAD	4.00	260.73	1,042.92	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	20	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1871252C1	HEX FLANGE HEAD BOLT #1871252C1	NR	CAD	6.00	11.11	66.66	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	30	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1822713C1	5/16" FITTING TUBE #1822713C1	NR	CAD	6.00	9.75	58.50	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	40	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1848254C1	EXHAUST TUBE GASKET #1848254C1	NR	CAD	12.00	35.57	426.84	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	50	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1872549C1	EXHAUST RIGHT HAND TUBE #1872549C1	NR	CAD	6.00	876.94	5,261.64	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	60	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR40066R1	FLANGED LOCK NUT #40066R1	NR	CAD	12.00	1.34	16.08	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	70	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1871578C1	NUT #1871578C1	NR	CAD	12.00	3.85	46.20	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	80	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1876540C92	TURBO CHARGER MOUNTING KIT #1876540C92	NR	CAD	12.00	73.67	884.04	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	90	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1871230C91	TUBE ASSY TURBO OIL SUPPLY KIT #1871230C91	NR	CAD	3.00	51.88	155.64	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	100	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1847922C91	TURBO CHARGER ASSEMBLY #1847922C91	NR	CAD	3.00	3,314.95	9,944.85	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	110	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1847595C91	SHIELD ASSY PUMP HEAT COVER #1847595C91	NR	CAD	1.00	55.58	55.58	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	120	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1871629C1	TURBO CHARGER HEAT SHIELD #1871629C1	NR	CAD	2.00	51.41	102.82	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	130	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1818281C1	BOLT #1818281C1	NR	CAD	12.00	1.32	15.84	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	140	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1873327C1	TURBO BRACKET SHOULDER SCREW #1873327C1	NR	CAD	2.00	9.02	18.04	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	150	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1872942C91	TURBO CHARGER SUPPORT ASSY #1872942C91	NR	CAD	1.00	827.98	827.98	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	160	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1817810C1	BOLT #1817810C1	NR	CAD	12.00	1.02	12.24	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	170	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1822888C1	BOLT #1822888C1	NR	CAD	12.00	1.37	16.44	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	180	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR31081R1	NUT #31081R1	NR	CAD	12.00	1.19	14.28	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003644	190	0	07-12-2014	000000655	East Coast Internation Trucks Inc	2INR1840576C1	BOLT #1840576C1	NR	CAD	12.00	5.12	61.44	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10720		Hillier Vicki	CAD	0.00	07-12-2014	INTERNATIONAL BUS PART
E30003645	10	0	07-12-2014	000000306	POMPACTION INCORPORATED	2PUTA309240	DISCHARGE BOOT BOOM ASSEMBLY	NR	CAD	1.00	605.95	605.95	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003645	20	0	07-12-2014	000000306	POMPACTION INCORPORATED	2PUTA331442	HEAD FRAME LOWER	NR	CAD	1.00	643.83	643.83	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003645	30	0	07-12-2014	000000306	POMPACTION INCORPORATED	2PUTA340374	FRONT FRAME ASSEMBLY ARM 5	NR	CAD	1.00	2,588.68	2,588.68	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003646	10	0	07-12-2014	000000334	HI-POINT INDUSTRIES	032-50000501	QUALISORB HI POINT Q20L - 20 LB BAG	NR	CAD	50.00	12.50	625.00	0.00	0.00	0.00	26-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	07-12-2014	
E30003648	10	0	08-12-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80202065	5'ALUMINIUM TUBE # TCAT5	NR	CAD	100.00	13.00	1,300.00	0.00	0.00	0.00	15-12-2014	100.00	1,300.00	0.00	0.00	18-12-2014	M00010956	0242	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003648	20	0	08-12-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80202068	8'ALUMINIUM TUBE #TCAT08	NR	CAD	100.00	19.00	1,900.00	0.00	0.00	0.00	15-12-2014	100.00	1,900.00	0.00	0.00	18-12-2014	M00010956	0242	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003648	30	0	08-12-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80202010	10' ALUMINIUM TUBE# TCAT10	NR	CAD	100.00	25.13	2,513.00	0.00	0.00	0.00	15-12-2014	100.00	2,513.00	0.00	0.00	18-12-2014	M00010956	0242	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003648	40	0	08-12-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101075	2"X2" RIGHT ANGLE WEDGE CLAMP (AT PAC #TCRAV	NR	CAD	2,000.00	7.25	14,500.00	0.00	0.00	0.00	15-12-2014	2,000.00	14,500.00	0.00	0.00	18-12-2014	M00010956	0242	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003648	50	0	08-12-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101109	BEAM CLAMP RIGID 2" (AT-PAC #TCBC)	NR	CAD	250.00	7.25	1,812.50	0.00	0.00	0.00	15-12-2014	250.00	1,812.50	0.00	0.00	18-12-2014	M00010956	0242	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003648	60	0	08-12-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80101194	SWIVEL BEAM CLAMP 2" # TCBCS	NR	CAD	250.00	7.25	1,812.50	0.00	0.00	0.00	15-12-2014	250.00	1,812.50	0.00	0.00	18-12-2014	M00010956	0242	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003648	70	0	08-12-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80202020	20' ALUMINIUM TUBE# TCAT20	NR	CAD	200.00	50.26	10,052.00	0.00	0.00	0.00	15-12-2014	200.00	10,052.00	0.00	0.00	18-12-2014	M00010956	0242	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003649	10	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	8,000.00	8,000.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML009	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30002022 / EXTENSION RENTA
E30003649	20	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	28.00	675.00	18,900.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML008	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30001546 / EXTENSION RENTA
E30003649	30	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	8,000.00	8,000.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML009	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30002022 / EXTENSION RENTA
E30003649	40	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	8,000.00	8,000.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML009	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30002022 / EXTENSION RENTA
E30003649	50	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	8,000.00	8,000.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML009	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30002022 / EXTENSION RENTA
E30003649	60	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	8,000.00	8,000.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML009	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30002022 / EXTENSION RENTA
E30003649	70	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	8,000.00	8,000.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML009	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30002022 / EXTENSION RENTA
E30003649	80	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	28.00	675.00	18,900.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML008	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30001546 / EXTENSION RENTA
E30003649	90	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	28.00	675.00	18,900.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML008	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30001546 / EXTENSION RENTA
E30003649	100	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	28.00	675.00	18,900.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML008	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30001546 / EXTENSION RENTA
E30003649	110	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	28.00	675.00	18,900.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML008	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30001546 / EXTENSION RENTA
E30003649	120	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	28.00	675.00	18,900.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML008	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30001546 / EXTENSION RENTA
E30003649	130	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	R112069	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	28.00	675.00	18,900.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ML008	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	REFERENCE PO E30001546 / EXTENSION RENTA
E30003650	10	0	08-12-2014	000000243	UNITED RENTALS	2ZZZ100192	750 KVA TRANSFORMER	CAD	CAD	1.00	10,856.76	10,856.76	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	REX-RC 750J-H / E3R 750 KVA TRANSFORMER
E30003650	20	0	08-12-2014	000000243	UNITED RENTALS	2ZZZ100193	CABLE 4/O X 50" CAMLOCK END	CAD	CAD	4.00	357.75	1,431.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	CAT 2417055
E30003651	10	0	08-12-2014	000000202	BATTLEFIELD EQUIPMENT	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	3,088.80	3,088.80	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	BTF006	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	259 SKID STEER, C/W BUCKET
E30003651	20	0	08-12-2014	000000202	BATTLEFIELD EQUIPMENT	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	3,600.00	3,600.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	BTF007	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	272 SKID STEER, C/W BUCKET
E30003651	30	0	08-12-2014	000000202	BATTLEFIELD EQUIPMENT	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	3,592.80	3,592.80	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	BTF008	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	289 SKID STEER, C/W BUCKET
E30003652	10	0	08-12-2014	000000203	TOROMONT CAT	2CAT8E8586	MASTER LINK (LH)	NR	CAD	4.00	93.26	373.04	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	20	0	08-12-2014	000000203	TOROMONT CAT	2CAT8E8585	MASTER LINK (RH)	NR	CAD	4.00	93.26	373.04	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	30	0	08-12-2014	000000203	TOROMONT CAT	2CAT1903524	BUSHING (MASTER)	NR	CAD	4.00	42.44	169.76	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	40	0	08-12-2014	000000203	TOROMONT CAT	2CAT1883064	PIN TCK MAST	NR	CAD	4.00	56.13	224.52	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	50	0	08-12-2014	000000203	TOROMONT CAT	2CAT1584381	SEAL TCK MAS	NR	CAD	8.00	10.56	84.48	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	60	0	08-12-2014	000000203	TOROMONT CAT	2CAT1903523	BUSHING TRACK	NR	CAD	4.00	43.43	173.72	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	70	0	08-12-2014	000000203	TOROMONT CAT	2CAT1584380	SEAL TRACK	NR	CAD	8.00	10.56	84.48	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	80	0	08-12-2014	000000203	TOROMONT CAT	2CAT6Y8186	PIN	NR	CAD	4.00	18.10	72.40	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	90	0	08-12-2014	000000203	TOROMONT CAT	2CAT9W3619	BOLT	NR	CAD	40.00	1.94	77.60	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003652	100	0	08-12-2014	000000203	TOROMONT CAT	2CAT9W3361	NUT TRACK	NR	CAD	40.00	1.44	57.60	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003653	10	0	08-12-2014	000000203	TOROMONT CAT	2CAT3557262	FUEL FILTER #355-7262	NR	CAD	20.00	28.26	565.20	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	P/N 3608960
E30003654	10	0	08-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREP553000	OIL FILTER	NR	CAD	6.00	31.90	191.40	0.00	0.00	0.00	20-12-2014	6.00	191.40	0.00	0.00	17-12-2014	M00010880	219790 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003654	20	0	08-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREBF1360SP	FUEL WATER SEPARATOR	NR	CAD	6.00	30.85	185.10	0.00	0.00	0.00	20-12-2014	6.00	185.10	0.00	0.00	17-12-2014	M00010880	219790 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	P/N P551065
E30003655	10	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2PUT1MR3583M	PRESSURE SWITCH # 1MR3583M	NR	CAD	2.00	35.36	70.72	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003656	10	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2ZZZ100190	MALE 7 POLE TRAILER CONNECTOR -PHILIPS PH1667	NR	CAD	1.00	12.95	12.95	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003656	20	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2ZZZ100191	FEMALE 7 POLE TRAILER CONNECTOR -PHILIPS PH16	NR	CAD	1.00	17.37	17.37	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003656	30	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAKGR047112	2" MARKER LIGHT RED	NR	CAD	1.00	8.46	8.46	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003656	40	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAKGR047113	2" MARKER LIGHT AMBER	NR	CAD	1.00	8.46	8.46	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003656	50	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAKPMF41218	LIGHT GROMMET	NR	CAD	1.00	1.85	1.85	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	P/N GR092120
E30003657	10	0	08-12-2014	000000491	HARVEY AND COMPANY	2INR2611234C1	HEATER ACTUATOR	NR	CAD	1.00	43.96	43.96	0.00	0.00	0.00	20-12-2014	1.00	43.96	0.00	0.00	17-12-2014	M00010870	1013412	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003658	10	0	08-12-2014	000000441	Cropac Equipment Inc	2FRE4900166003BM	FRONT STABILIZER CYLINDER ASSY # 4900166-003BN	NR	CAD	2.00	1,813.26	3,626.52	0.00	0.00	0.00	20-12-2014	2.00	3,626.52	0.00	0.00	10-01-2015	M00011003	P12895	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	10	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-91301612	FITTING 03-G60130-1612	NR	CAD	1.00	3.06	3.06	0.00	0.00	0.00	20-12-2014	1.00	3.06	1.00	3.06	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	20	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-91520606	FITTING 03-G60152-0606	NR	CAD	1.00	2.02	2.02	0.00	0.00	0.00	20-12-2014	1.00	2.02	1.00	2.02	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	30	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-97010008	CAP G60701-0008	NR	CAD	1.00	2.15	2.15	0.00	0.00	0.00	20-12-2014	1.00	2.15	1.00	2.15	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	40	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-97020008	PLUG G60702-0008	NR	CAD	1.00	1.82	1.82	0.00	0.00	0.00	20-12-2014	1.00	1.82	1.00	1.82	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	50	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-98000806	FITTING G60800-0806	NR	CAD	1.00	2.57	2.57	0.00	0.00	0.00	20-12-2014	1.00	2.57	1.00	2.57	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	60	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-96110606	QUICK CONNECTOR MALE 03-G95611-0606	NR	CAD	1.00	10.66	10.66	0.00	0.00	0.00	20-12-2014	1.00	10.66	1.00	10.66	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	70	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-96210606	QUICK CONNECTOR FEMALE 03-G95621-0606	NR	CAD	1.00	25.11	25.11	0.00	0.00	0.00	20-12-2014	1.00	25.11	1.00	25.11	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	80	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-91701616	FITTING 03-G20170-1616	NR	CAD	2.00	14.52	29.04	0.00	0.00	0.00	20-12-2014	2.00	29.04	2.00	29.04	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	90	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-91000404	FITTING 03-G25100-0404	NR	CAD	2.00	4.64	9.28	0.00	0.00	0.00	20-12-2014	2.00	9.28	2.00	9.28	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	100	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-94991616	FITTING G60499-1616	NR	CAD	2.00	10.79	21.58	0.00	0.00	0.00	20-12-2014	2.00	21.58	2.00	21.58	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	110	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-91520808	FITTING 03-G60152-0808	NR	CAD	2.00	2.17	4.34	0.00	0.00	0.00	20-12-2014	2.00	4.34	2.00	4.34	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	120	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-91790606	FITTING 03-G25179-0606	NR	CAD	3.00	14.45	43.35	0.00	0.00	0.00	20-12-2014	3.00	43.35	3.00	43.35	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003659	130	0	08-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	013-90000808	FITTING 03-G25100-0808	NR	CAD	4.00	5.85	23.40	0.00	0.00	0.00	20-12-2014	4.00	23.40	4.00	23.38	17-12-2014	M00010871	0000104311	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003660	10	0	09-12-2014	000000272	VALLEY RENTALS & SALES LTD	003-08110046	MOBILE 1 0W20 (205 LITER DRUM) #102488	NR	CAD	3.00	1,495.50	4,486.50	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	
E30003662	10	0	08-12-2014	000000387	KENT BUILDING SUPPLIES	033-01010537	PEDESTRIAN EXIT DOOR 3' X 7'	NR	CAD	12.00	1,921.75	23,061.00	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	PEDESTRAIN EXIT DOOR
E30003663	10	0	08-12-2014	000000243	UNITED RENTALS	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	6,343.00	6,343.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	76' - 80 FT BOOM MANLIFT JLG,
E30003663	20	0	08-12-2014	000000243	UNITED RENTALS	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	6,343.00	6,343.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	76' - 80 FT BOOM MANLIFT JLG,
E30003663	30	0	08-12-2014	000000243	UNITED RENTALS	R112069	RENTAL MISCELLANEOUS EQUIPMENT	MON	CAD	1.00	1,475.00	1,475.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	LEGROW DERRICK	CAD	0.00	08-12-2014	TO COVER THE COST OF FREIGHT &
E30003664	10	0	08-12-2014	000000164	LABRADOR SPECIALTY SERVICES INC	041-03809102	ERGONOMIC KEYBOARD	NR	CAD	1.00	69.95	69.95	0.00	0.00	0.00	12-12-2014	1.00	69.95	0.00	0.00	10-01-2015	M00011007	2604353	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003665	10	0	08-12-2014	000000272	VALLEY RENTALS & SALES LTD	032-70101065	OCLANSORB MOBILE SPILL KIT #OSK64	NR	CAD	30.00	166.50	4,995.00	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003666	10	0	08-12-2014	000000295	ACKLANDS-GRAINGER INC.	325-91050005	ZIP CUTTING DISC 5'' x 3/64 x 7/8	NR	CAD	500.00	3.00	1,500.00	0.00	0.00	0.00	14-12-2014	400.00	1,200.00	400.00	1,200.00	16-12-2014	M00010785	7628 0003358	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003666	10	1	08-12-2014	000000295	ACKLANDS-GRAINGER INC.	325-91050005	ZIP CUTTING DISC 5'' x 3/64 x 7/8	NR	CAD	0.00	3.00	0.00	0.00	100.00	300.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003667	10	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAAL953A115	LANDING GEAR LEG SET #L953A115	NR	CAD	2.00	649.94	1,299.88	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003667	20	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAAXAV1910	CROSS SHAFT #XAV1910	NR	CAD	6.00	17.25	103.50	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003667	30	0	08-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAAXA585A115	LANDING GEARS (HOLLAND MARK V) #XA-58-5A-115	NR	CAD	2.00	482.16	964.32	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003668	10	0	08-12-2014	000000492	EMCO WATERWORKS	344-11010103	DIPSTICK	NR	CAD	2.00	69.00	138.00	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003669	10	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT278097007	HYDRAULIC PUMP (FOR USE IN 38,47)	NR	CAD	1.00	21,874.44	21,874.44	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	20	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT479486	DISTRIBUTOR GEARBOX (38 & 47M)	NR	CAD	1.00	11,372.66	11,372.66	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	30	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTA585504	HYDRAULIC PUMP (38 & 47M)	NR	CAD	1.00	1,679.90	1,679.90	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	40	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT242339005	HYDRAULIC PUMP (38M ONLY)	NR	CAD	1.00	1,516.07	1,516.07	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	50	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTA585502	HYDRAULIC PUMP (47M &38M)	NR	CAD	1.00	456.86	456.86	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	60	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTA585503	HYDRAULIC PUMP (47M &38M)	NR	CAD	1.00	32.68	32.68	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	70	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT021152005	VACUUM GAUGE (47M & 38M)	NR	CAD	1.00	33.28	33.28	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	80	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT060440008	VACUM GUAGE (47M & 38M)	NR	CAD	1.00	31.98	31.98	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	90	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT230118005	VACUM GUAGE (47M & 38M)	NR	CAD	1.00	30.21	30.21	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	100	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT243745009	VIBRATOR 24V	NR	CAD	1.00	733.69	733.69	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	110	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT512694	END HOSE CATCH BRACKET	NR	CAD	1.00	171.27	171.27	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	120	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT583055	RETROFIT KIT	NR	CAD	1.00	412.33	412.33	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	INCLUDES:
E30003669	130	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTA052981	PNEUMATIC VALVE	NR	CAD	1.00	207.37	207.37	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	140	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT025356001	ELECTRIC RETROFIT KIT	NR	CAD	1.00	235.91	235.91	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	150	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT278499003	ELECTRIC RETROFIT KIT	NR	CAD	1.00	124.48	124.48	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	160	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT246288000	ELECTRIC RETROFIT KIT	NR	CAD	1.00	199.59	199.59	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	

PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUN	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUN	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003669	170	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT459456	CORE PUMP 2100/230	NR	CAD	1.00	6,889.90	6,889.90	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	INCLUDES:
E30003669	180	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT264824006	DELIVERY PISTON COUPLER	NR	CAD	1.00	1,107.72	1,107.72	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	INCLUDES:
E30003669	190	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT085813005	DELIVERY PISTON	NR	CAD	1.00	658.41	658.41	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	200	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT538746	SEAT OF WEAR PART	NR	CAD	1.00	11,400.54	11,400.54	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	INCLUDES:
E30003669	210	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT508068	DISCHARGE SUPPORT	NR	CAD	1.00	4,564.08	4,564.08	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	220	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT539807	AGITATOR RS909	NR	CAD	1.00	1,502.29	1,502.29	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	INCLUDES:
E30003669	230	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT539823	MIXER SHAFT DIVORTABLE	NR	CAD	1.00	1,185.80	1,185.80	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	INCLUDES:
E30003669	240	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTA123086	PLASTIC WATER TANK	NR	CAD	1.00	1,187.52	1,187.52	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	250	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT0542004	SQUEEZE VALVE SK	NR	CAD	1.00	1,950.27	1,950.27	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	260	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT410457	90 DEGR. DECK ELBOW	NR	CAD	6.00	645.35	3,872.10	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	270	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT416972	V3=300MM	NR	CAD	2.00	761.49	1,522.98	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	280	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTA110241	V10= 1085MM	NR	CAD	2.00	521.99	1,043.98	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	290	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188443	ELBOW P2W SK125-5.5-74 90 DEG R=275 #P188443	NR	CAD	10.00	352.88	3,528.80	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	300	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188414	BOOM PIPE P2W DIN 125.5 3 + 1.5MMX3000MM #P	NR	CAD	8.00	326.62	2,612.96	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	310	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188409	BOOM PIPE P2W DIN 125.5 3 + 1.5MMX500MM #P1	NR	CAD	1.00	131.18	131.18	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	320	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188413	BOOM PIPE P2W DIN 125.5 3 +1.5MMX2500MM #P1	NR	CAD	1.00	287.57	287.57	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	330	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188411	BOOM PIPE P2W DIN 125.5 3 +1.5MMX1500MM #P1	NR	CAD	1.00	209.42	209.42	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	340	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTP188416	BOOM PIPE P2W DIN 125.5 3 + 1.5MMX4000MM #P	NR	CAD	2.00	404.71	809.42	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	350	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00006169	SEAL TYPE C D125/5.5" #P00006169	NR	CAD	30.00	3.54	106.20	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	360	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00004553	SEAL TYPE A DN125/5.5" #P00004553	NR	CAD	8.00	2.62	20.96	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	0099100		Hillier Vicki	CAD	0.00	08-12-2014	
E30003669	370	0	08-12-2014	000000306	POMPACTION INCORPORATED	2PUT00041120	S-TUBE S2318LSP9EX=238.5/9	NR	CAD	1.00	4,447.40	4,447.40	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003670	10	0	08-12-2014	000000295	ACKLANDS-GRAINGER INC.	044-01075068	DUCT TAPE (CREPE REPAIR) 2''	RTL	CAD	30.00	4.77	143.10	0.00	0.00	0.00	15-12-2014	30.00	143.10	30.00	143.10	16-12-2014	M00010781	7628 0003361	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	48" x 45.7M CAT # MMM2929
E30003670	20	0	08-12-2014	000000295	ACKLANDS-GRAINGER INC.	499-11010182	TAPE ELECTRICAL RED	CAD	CAD	40.00	0.61	24.40	0.00	0.00	0.00	15-12-2014	40.00	24.40	40.00	24.40	16-12-2014	M00010781	7628 0003361	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	CAT WSW ET66R
E30003670	30	0	08-12-2014	000000295	ACKLANDS-GRAINGER INC.	044-06100014	STRETCH WRAP 18" (ROLL)	CAD	CAD	6.00	19.25	115.50	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	CAT TNO HWX1820
E30003670	40	0	08-12-2014	000000295	ACKLANDS-GRAINGER INC.	014-91424002	ROPE POLYPROPYLENE TWISTED 3/8	RTL	CAD	1.00	36.79	36.79	0.00	0.00	0.00	15-12-2014	1.00	36.79	1.00	36.79	16-12-2014	M00010781	7628 0003361	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	CATT WSW RP38YJ
E30003670	50	0	08-12-2014	000000295	ACKLANDS-GRAINGER INC.	014-91424000	ROPE POLYPROPYLENE TWISTED 1/2'' X 335'	CAD	CAD	1.00	36.79	36.79	0.00	0.00	0.00	15-12-2014	1.00	36.79	1.00	36.79	16-12-2014	M00010781	7628 0003361	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	CAT WSW RP12YJ
E30003671	10	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	010-04010101	PIPE PVC 100mm. x 4MT. LENGHT.	CAD	CAD	24.00	39.95	958.80	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	AS PER EMAIL FROM GLENN NOSEWORTHY
E30003671	20	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	033-01020232	HINGES MULTIPURPOSE	CAD	CAD	24.00	86.50	2,076.00	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	AS PER EMAIL FROM GLENN NOSEWORTHY
E30003671	30	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	010-04010101	PIPE PVC 100mm. x 4MT. LENGHT.	CAD	CAD	14.00	39.95	559.30	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	AS PER EMAIL FROM GLENN NOSEWORTHY
E30003671	40	0	08-12-2014	000000313	MELVILLE TRUCKING AND EXCAVATION	010-04010101	PIPE PVC 100mm. x 4MT. LENGHT.	CAD	CAD	30.00	39.95	1,198.50	0.00	0.00	0.00	08-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	08-12-2014	AS PER EMAIL FROM GLENN NOSEWORTHY
E30003672	10	0	08-12-2014	000000202	BATTLEFIELD EQUIPMENT	2MAGRE533516	ALTERNATOR FILTER #RE533516	NR	CAD	2.00	682.92	1,365.84	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	08-12-2014	
E30003673	10	0	08-12-2014	000000272	VALLEY RENTALS & SALES LTD	30410230340	WRENCH COMBINATION OPEN END+RING 10° 30MN	NR	CAD	3.00	25.95	77.85	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003674	10	0	08-12-2014	000000203	TOROMONT CAT	2CAT4287351	FRONT WINDSHIELD	NR	CAD	1.00	1,038.36	1,038.36	0.00	0.00	0.00	20-12-2014	1.00	1,038.36	0.00	0.00	19-12-2014	M00010908	48C033946A-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003674	20	0	08-12-2014	000000203	TOROMONT CAT	2CAT1857219	BUCKET PIN	NR	CAD	2.00	611.49	1,222.98	0.00	0.00	0.00	20-12-2014	1.00	611.49	0.00	0.00	19-12-2014	M00010907	48C033946-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003674	20	1	08-12-2014	000000203	TOROMONT CAT	2CAT1857219	BUCKET PIN	NR	CAD	0.00	611.49	0.00	0.00	1.00	611.49	20-12-2014	1.00	611.49	0.00	0.00	19-12-2014	M00010908	48C033946A-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003674	30	0	08-12-2014	000000203	TOROMONT CAT	2CAT1857220	BEARING	NR	CAD	2.00	290.31	580.62	0.00	0.00	0.00	20-12-2014	2.00	580.62	0.00	0.00	19-12-2014	M00010908	48C033946A-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	
E30003674	40	0	08-12-2014	000000203	TOROMONT CAT	2CAT2899584	SEAL	NR	CAD	1.00	0.13	0.13	0.00	0.00	0.00	20-12-2014	1.00	0.13	0.00	0.00	19-12-2014	M00010908	48C033946A-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	6 MT
E30003674	50	0	08-12-2014	000000203	TOROMONT CAT	2CAT7K9211	SEAL	NR	CAD	4.00	29.39	117.56	0.00	0.00	0.00	20-12-2014	4.00	117.56	0.00	0.00	19-12-2014	M00010907	48C033946-001	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	08-12-2014	6 MT
E30003675	10	0	09-12-2014	000000202	BATTLEFIELD EQUIPMENT	380-06010367	TRUNK 20" DIAMETER X 25' FOR WACKER NEUSON H	CAD	CAD	75.00	396.00	29,700.00	0.00	0.00	0.00	19-12-2014	48.00	19,008.00	0.00	0.00	17-12-2014	M00010876	N 00064627	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	HIGHT TEMPERATURE THERMOPLASTIC
E30003675	10	1	09-12-2014	000000202	BATTLEFIELD EQUIPMENT	380-06010367	TRUNK 20" DIAMETER X 25' FOR WACKER NEUSON H	CAD	CAD	0.00	396.00	0.00	0.00	27.00	10,692.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	HIGHT TEMPERATURE THERMOPLASTIC
E30003675	20	0	09-12-2014	000000202	BATTLEFIELD EQUIPMENT	380-04015004	GARDEN RAKE 14"	CAD	CAD	20.00	12.96	259.20	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	BOW RATE W/ 48" HABDLE
E30003675	30	0	09-12-2014	000000202	BATTLEFIELD EQUIPMENT	380-06010367	TRUNK 20" DIAMETER X 25' FOR WACKER NEUSON H	CAD	CAD	75.00	472.00	35,400.00	0.00	0.00	0.00	19-12-2014	75.00	35,400.00	0.00	0.00	09-01-2015	M00011018	700000895	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	HIGHT TEMPERATURE THERMOPLASTIC
E30003676	10	0	09-12-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	006-63027001	U BOLT 6" (WITH NUTS & PLATE)	NR	CAD	50.00	19.16	958.00	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	P/N 0156461, 5/8" -- 11 X 6"
E30003676	20	0	09-12-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	006-63027001	U BOLT 6" (WITH NUTS & PLATE)	CAD	CAD	50.00	1.61	80.50	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	P/N 42086 No. 7 U-BOLT PLATE
E30003677	10	0	09-12-2014	000000536	THE HUB PHYSICALLY DISABLED SERVICE	041-03201129	BUSINESS CARD	NR	CAD	500.00	0.08	40.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	MR ALESSIO DI MICHELE ACCOUNTING DEPT
E30003677	20	0	09-12-2014	000000536	THE HUB PHYSICALLY DISABLED SERVICE	041-03201129	BUSINESS CARD	NR	CAD	250.00	0.12	30.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	MR JOSE ARDILA WAREHOUSE DEPT
E30003677	30	0	09-12-2014	000000536	THE HUB PHYSICALLY DISABLED SERVICE	041-03201129	BUSINESS CARD	NR	CAD	250.00	0.12	30.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	MR SIMONE COLELLA WAREHOUSE DEPT
E30003678	10	0	09-12-2014	000000272	VALLEY RENTALS & SALES LTD	2STE891725AV	BYPASS PISTON	NR	CAD	1.00	589.00	589.00	0.00	0.00	0.00	15-12-2014	1.00	589.00	0.00	0.00	17-12-2014	M00010884	219793INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	
E30003679	10	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-92012006	SAFETY VEST REFLECT VIKING ORANGE SIZE XL 6135(	CAD	CAD	10.00	10.50	105.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	20	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-92012007	SAFETY VEST REFLECT VIKING ORANGE SIZE 2XL 613	CAD	CAD	10.00	10.50	105.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	30	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-92012008	SAFETY VEST REFLECT VIKING ORANGE SIZE 3XL 613	CAD	CAD	10.00	10.50	105.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	40	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-31171109	SAFETY CLEAR GLASSES NORTH A700	PAI	CAD	350.00	1.55	542.50	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	50	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-51120013	BAND SWEAT TERRY CLOTH	CAD	CAD	8.00	17.19	137.52	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	17-12-2014	PART OF COSTING AGREEMENT OF
E30003679	60	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21511065	GLOVES, DRIVERS ECONOMY NORTH 11RK SIZE 12	PAI	CAD	80.00	7.50	600.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	70	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21511057	GLOVES KEVLAR EMERALD STAIN STEEL SIZE 12	PAI	CAD	10.00	8.62	86.20	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	80	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21511058	GLOVES KEVLAR EMERALD STAIN STEEL SIZE 13	PAI	CAD	50.00	8.62	431.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	90	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410103	THINSULATE THERMAL GLOVES 3M (-40G) 8 (M)	PAI	CAD	50.00	7.50	375.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	100	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410104	THINSULATE THERMAL GLOVES 3M (-40G) 9 (L)	PAI	CAD	50.00	7.50	375.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	110	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410105	THINSULATE THERMAL GLOVES 3M (-40G) 10 (XL)	PAI	CAD	50.00	11.50	575.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	120	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410106	THINSULATE THERMAL GLOVES 3M (-40G) 11 (2XL)	PAI	CAD	50.00	11.50	575.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	PART OF COSTING AGREEMENT OF
E30003679	130	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-90521001	BALACLAVA NORTH WL12FP	NR	CAD	200.00	6.50	1,300.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	XXX LARGE
E30003679	140	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500050	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 6 (CS	PAI	CAD	20.00	50.62	1,012.40	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 6
E30003679	150	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500052	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 7 (CS	PAI	CAD	20.00	50.62	1,012.40	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 7
E30003679	160	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500054	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 8 (CS	PAI	CAD	10.00	50.62	506.20	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 8
E30003679	170	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500056	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 9 (CS	PAI	CAD	10.00	50.62	506.20	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 9
E30003679	180	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500058	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 10 (C	PAI	CAD	15.00	50.62	759.30	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 10
E30003679	190	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500060	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 11 (C	PAI	CAD	15.00	50.62	759.30	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 11
E30003679	200	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500062	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 12 (C	PAI	CAD	20.00	50.62	1,012.40	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 12
E30003679	210	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500064	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 13 (C	PAI	CAD	20.00	50.62	1,012.40	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 13
E30003679	220	0	09-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-62500066	INSULATED RUBBER BOOT STEEL TOE CAP SIZE 14 (C	PAI	CAD	30.00	50.62	1,518.60	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	09-12-2014	SIZE 14
E30003680	10	0	09-12-2014	000000203	TOROMONT CAT	C0805012	REPAIR SERVICE	NR	CAD	1.00	1,841.50	1,841.50	0.00	0.00	0.00	09-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0532-002	62310002	Lannon Sean	CAD	0.00	09-12-2014	TROUBLESHOOTING BY
E30003681	10	0	09-12-2014	000000267	GOOSE SALES & SERVICE LTD	347-30110013	LIBERTY PUMP ASCENT II-ESW 1/2 HP, 115VESW	NR	CAD	3.00	1,149.99	2,932.47	15.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	
E30003681	20	0	09-12-2014	000000267	GOOSE SALES & SERVICE LTD	306-10312101	SOCKET SET 1/4" & 3/8" DRIVE	NR	CAD	1.00	80.99	68.84	15.00	0.00	0.00	14-12-2014	1.00	68.84	1.00	68.84	16-12-2014	M00010788	INV 2732533	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	
E30003682	10	0	09-12-2014	000000272	VALLEY RENTALS & SALES LTD	003-08110046	MOBILE 1 0W20 (205 LITER DRUM) #102488	NR	CAD	35.00	38.95	1,363.25	0.00	0.00	0.00	20-12-2014	35.00	1,363.25	35.00	1,363.25	09-12-2014	M00010707	219677 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	35 JUGS 4 LITERS PER JUG
E30003682	20	0	09-12-2014	000000272	VALLEY RENTALS & SALES LTD	003-08110046	MOBILE 1 0W20 (205 LITER DRUM) #102488	NR	CAD	100.00	38.95	3,895.00	0.00	0.00	0.00	20-12-2014	100.00	3,895.00	0.00	0.00	17-12-2014	M00010874	219795	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	100 JUGS 4 LITERS PER JUG = 400 LITERS
E30003682	30	0	09-12-2014	000000272	VALLEY RENTALS & SALES LTD	003-05111093	OIL HYDRAULIC ADV-10 (19LT/PAIL)	LT	CAD	40.00	13.55	542.00	0.00	0.00	0.00	20-12-2014	40.00	542.00	40.00	542.00	12-12-2014	M00010845	219734 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	12-12-2014	LINE ADDED TO COVER OFF WEEKEND
E30003683	10	0	09-12-2014	000000272	VALLEY RENTALS & SALES LTD	2STEL31012VDC	L310 LATCHING SOLENOID VALVE	NR	CAD	1.00	188.75	188.75	0.00	0.00	0.00	20-12-2014	1.00	188.75	0.00	0.00	17-12-2014	M00010898	219794 INV	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	
E30003684	10	0	09-12-2014	000000202	BATTLEFIELD EQUIPMENT	R112073	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	3.00	22.20	66.60	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10300	62400001	Lannon Sean	CAD	0.00	09-12-2014	RENTAL OF CHAINSAW
E30003685	10	0	09-12-2014	000000181	NOTRE DAME AGENCIES LIMITED	344-28110411	PROPANE HEATING TORCH	NR	CAD	6.00	79.95	479.70	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	15-12-2014	TURBO TORCH
E30003685	20	0	09-12-2014	000000181	NOTRE DAME AGENCIES LIMITED	027-10100601	1/2'' COPPER UNION (FITTING)	NR	CAD	12.00	5.09	61.08	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	SWEAT
E30003686	10	0	09-12-2014	000000492	EMCO WATERWORKS	027-10100204	COPPER ELBOW 90DG 1/2"	NR	CAD	50.00	0.46	23.00	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	SWEAT
E30003686	20	0	09-12-2014	000000492	EMCO WATERWORKS	027-10100304	COPPER TEE 1/2"	NR	CAD	50.00	1.02	51.00	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	SWEAT
E30003686	30	0	09-12-2014	000000492	EMCO WATERWORKS	027-10100207	COPPER ELBOW 45DG 1/2"	NR	CAD	25.00	0.81	20.25	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	SWEAT
E30003686	40	0	09-12-2014	000000492	EMCO WATERWORKS	027-10100404	COPPER COUPLING 1/2"	NR	CAD	600.00	0.38	228.00	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	SWEAT
E30003686	50	0	09-12-2014	000000492	EMCO WATERWORKS	027-10100604	1/2" COPPER PIPE TYPE M	FT	CAD	108.00	1.15	124.96	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	
E30003686	60	0	09-12-2014	000000492	EMCO WATERWORKS	027-10100701	COPPER PREFORATED GRAB BAR ROLL	RTL	CAD	6.00	1.49	8.94	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	
E30003686	70	0	09-12-2014	000000492	EMCO WATERWORKS	027-10100801	3/8" X 1/2"SWEAT ADP	NR	CAD	24.00	0.65	15.60	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	
E30003686	80	0	09-12-2014	000000492	EMCO WATERWORKS	027-10100901	1/2" SWEAT BALL VALVE COPPER BRASS	NR	CAD	24.00	6.48	155.52	0.00	0.00	0.00	14-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	
E30003687	10	0	09-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAK1M2414	1M2414 PRESSURE SWITCH	NR	CAD	1.00	29.44	29.44	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	
E30003688	10	0	09-12-2014	000000484	HICKMAN TRUCK CENTRE	2PUT1M2414	PRESSURE SWITCH 1M2414	NR	CAD	4.00	29.44	117.76	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	
E30003689	10	0	09-12-2014	000000202	BATTLEFIELD EQUIPMENT	2CAT298822	COMPLETE SEAT ASSEMBLY	NR	CAD	1.00	1,480.53	1,480.53	0.00	0.00	0.00	26-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	09-12-2014	PART NUMBER:
E30003690	10	0	09-12-2014	000000267	GOOSE SALES & SERVICE LTD	033-02190604	MICROWAVE	NR	CAD	10.00	139.99	1,399.90	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	
E30003690	20	0	09-12-2014	000000267	GOOSE SALES & SERVICE LTD	033-02190608	AMERICAN COFFEE MAKER MACHINE	NR	CAD	5.00	79.99	339.96	15.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	55 CUP
E30003690	30	0	09-12-2014	000000267	GOOSE SALES & SERVICE LTD	033-04110103	KETTLE	NR	CAD	10.00	34.99	297.41	15.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	
E30003690	40	0	09-12-2014	000000267	GOOSE SALES & SERVICE LTD	033-02190608	AMERICAN COFFEE MAKER MACHINE	NR	CAD	10.00	69.99	594.91	15.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	09-12-2014	10-12 CUP
E30003691	10	0	09-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAK1MR3583M	AIR SENDER	NR	CAD	6.00	35.56	213.36	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	
E30003692	10	0	09-12-2014	000000163	NAPA GOOSE BAY AUTO PARTS	497-61222950	BATTERY 12V 950 CCA	NR	CAD	4.00	137.76	551.04	0.00	0.00	0.00	19-12-2014	4.00	551.04	0.00	0.00	15-12-2014	M00010869	412-039269	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	09-12-2014	
E30003693	10	0	09-12-2014	000000182	LABRADOR MOTORS LIMITED	C0805012	REPAIR SERVICE	NR	CAD	1.00	188.50	188.50	0.00	0.00	0.00	09-12-2014	1.00	188.50	1.00	188.50	30-11-2014	M00010612			E300003	JBG697	62310002	Lannon Sean	CAD	0.00	09-12-2014	WORK ORDER: 85211
E30003694	10	0	09-12-2014	000000529	Traction 506	2MAK5003391	AIR SUPPLY VALVE	NR	CAD	6.00	22.50	135.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	09-12-2014	BENDIX AIR SUPPLY VALVES
E30003695	10	0	10-12-2014	000000203	TOROMONT CAT	2CAT3776969	OIL FILTER # 3776969	NR	CAD	18.00	19.81	356.58	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003695	20	0	10-12-2014	000000203	TOROMONT CAT	2CAT3635819	FUEL FILTER	NR	CAD	18.00	27.55	495.90	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003695	30	0	10-12-2014	000000203	TOROMONT CAT	2CAT1106326	MAIN ELEMENT	NR	CAD	18.00	52.08	937.44	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	PRIMARY AIR FILTER
E30003695	40	0	10-12-2014	000000203	TOROMONT CAT	2CAT1106331	ELEMENT	NR	CAD	18.00	37.87	681.66	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	SECONDARY AIR FILTER
E30003695	50	0	10-12-2014	000000203	TOROMONT CAT	2CAT3481862	HYDRAULIC FILTER	NR	CAD	18.00	53.82	968.76	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003696	10	0	10-12-2014	000000223	RICHARD LEWIS LCF	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	21,500.00	21,500.00	0.00	0.00	0.00	10-12-2014	1.00	21,500.00	1.00	21,500.00	30-11-2014	M00010165			E300001	10504	62500001	Hiscock Andrew	CAD	0.00	10-12-2014	
E30003697	10	0	10-12-2014	000000401	GENEQ INC	390-30010114	LASER THERMOMETER	NR	CAD	5.00	85.00	425.00	0.00	0.00	0.00	15-12-2014	5.00	425.00	0.00	0.00	10-01-2015	M00011005	108884	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	
E30003698	10	0	10-12-2014	000000203	TOROMONT CAT	C0805012	REPAIR SERVICE	NR	CAD	1.00	65.74	65.74	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	Hillier Vicki	CAD	0.00	13-12-2014	REQUEST TO TOROMONT TO FABRICATE HOSE AS
E30003699	10	0	10-12-2014	000000209	CAPITAL CRANE	R112083	RENTAL (HRS)	HRS	CAD	1.00	98.49	98.49	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	10322713	62400001	LEGROW DERRICK	CAD	0.00	08-01-2015	FORKLIFT OPERATOR FROM DECEMEBER 3
E30003699	20	0	10-12-2014	000000209	CAPITAL CRANE	R112083	RENTAL (HRS)	HRS	CAD	1.00	98.49	98.49	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	10322713	62400001	LEGROW DERRICK	CAD	0.00	08-01-2015	FORKLIFT OPERATOR FROM JANUARY 08,2015
E30003700	10	0	10-12-2014	000000307	RAPICON INCORPORATED	2POTM0952096	OPERATOR DOOR LATCH/LOCK	NR	CAD	1.00	511.63	511.63	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	10-12-2014	PART NUMBER:
E30003701	10	0	10-12-2014	000000529	Traction 506	2ZZZ100201	HOSE CLAMP# CT9440	NR	CAD	12.00	6.22	74.64	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	
E30003701	20	0	10-12-2014	000000529	Traction 506	2ZZZ100202	HOSE CLAMP# CT9444	NR	CAD	12.00	6.49	77.88	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	
E30003701	30	0	10-12-2014	000000529	Traction 506	2ZZZ100203	HOSE CLAMP# CT9448	NR	CAD	12.00	6.55	78.60	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	
E30003701	40	0	10-12-2014	000000529	Traction 506	2ZZZ100204	HOSE CLAMP# CT9452	NR	CAD	12.00	6.60	79.20	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	
E30003701	50	0	10-12-2014	000000529	Traction 506	2ZZZ100205	HOSE CLAMP# CT450L	NR	CAD	12.00	8.25	99.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	
E30003703	10	0	10-12-2014	000000529	Traction 506	2ZZZ100200	AIR BAG SUSPENSION# W013588709	NR	CAD	2.00	119.99	239.98	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	10-12-2014	PART NUMBER:
E30003704	10	0	10-12-2014	000000202	BATTLEFIELD EQUIPMENT	03210203009	HARNESSES FALL ARRESTER TRACTEL ET10 SIZE L	NR	CAD	3.00	99.95	299.85	0.00	0.00	0.00	15-12-2014	3.00	299.85	0.00	0.00	16-12-2014	M00010894	700000806	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	PROTECTOR. SUPPLY INCLUDES 6' LANYARD
E30003705	10	0	10-12-2014	000000484	HICKMAN TRUCK CENTRE	2MAK1M2414	1M2414 PRESSURE SWITCH	NR	CAD	4.00	29.44	117.76	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT. No. 1MR2414
E30003706	10	0	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILBA5374	BALDWIN FILTER	NR	CAD	1.00	42.40	42.40	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	10-12-2014	TADANO 250T CRANE
E30003707	10	0	10-12-2014	000000252	HICKEY CONSTRUCTION LTD	R110607	RENTAL TRUCKS (HOURS)	HRS	CAD	6.00	225.00	1,350.00	0.00	0.00	0.00	10-12-2014	6.00	1,350.00	6.00	1,350.00	31-12-2014	M00010928			E300001	0099000	62400001	Ohouo Veronique	CAD	0.00	10-12-2014	FLOAT RENTAL TO TRANSPORT 3 RENTED
E30003708	10	0	10-12-2014	000000202	BATTLEFIELD EQUIPMENT	2FIL202215L4	FILTER	NR	CAD	20.00	130.48	2,609.60	0.00	0.00	0.00	30-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003709	10	0	10-12-2014	000000375	SPEEDY AUTOMOTIVES	C0805012	REPAIR SERVICE	NR	CAD	1.00	526.36	526.36	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWL699	62310002	Lannon Sean	CAD	0.00	10-12-2014	WINDSHIELD REPLACEMENT
E30003712	10	0	10-12-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	007-17013365	PURLINS Z PROFILE 6" L=3.365	NR	CAD	100.00	117.56	11,756.00	0.00	0.00	0.00	14-12-2014	100.00	11,756.00	0.00	0.00	20-12-2014	M00011014	35826	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	C PROFILE 6"
E30003712	20	0	10-12-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	007-17003790	PURLINS Z PROFILE 6" L=3.790	NR	CAD	20.00	117.56	2,351.20	0.00	0.00	0.00	14-12-2014	20.00	2,351.20	0.00	0.00	20-12-2014	M00011014	35826	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	C PROFILE 6"
E30003712	30	0	10-12-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	007-17003565	PURLINS Z PROFILE 6" L=3.565	NR	CAD	20.00	117.56	2,351.20	0.00	0.00	0.00	14-12-2014	20.00	2,351.20	0.00	0.00	20-12-2014	M00011014	35826	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	C PROFILE 6"
E30003712	40	0	10-12-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	007-17003310	PURLINS Z PROFILE 6" L=3.310	NR	CAD	20.00	117.56	2,351.20	0.00	0.00	0.00	14-12-2014	20.00	2,351.20	0.00	0.00	20-12-2014	M00011014	35826	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	C PROFILE 6"
E30003715	10	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,089.93	75,237.48	0.00	0.00	0.00	10-12-2014	1.00	2,089.93	1.00	2,089.93	30-11-2014	M00010384			E300003	ACMF0537-001	62400002	Palfy Robert	CAD	2,089.93	10-12-2014	CAT 289D XHP Hi-Flow Skid Steer
E30003715	10	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,089.93	0.00	0.00	35.00	73,147.55	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0537-001	62400002	Palfy Robert	CAD	0.00	10-12-2014	CAT 289D XHP Hi-Flow Skid Steer
E30003715	20	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,089.93	75,237.48	0.00	0.00	0.00	10-12-2014	1.00	2,089.93	1.00	2,089.93	30-11-2014	M00010386			E300003	ACMF0537-002	62400002	Palfy Robert	CAD	2,089.93	10-12-2014	CAT 289D XHP Hi-Flow Skid Steer
E30003715	20	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,089.93	0.00	0.00	35.00	73,147.55	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0537-002	62400002	Palfy Robert	CAD	0.00	10-12-2014	CAT 289D XHP Hi-Flow Skid Steer
E30003715	30	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	2,089.93	75,237.48	0.00	0.00	0.00	10-12-2014	1.00	2,089.93	1.00	2,089.93	30-11-2014	M00010387			E300003	ACMF0537-003	62400002	Palfy Robert	CAD	2,089.93	10-12-2014	CAT 289D XHP Hi-Flow Skid Steer
E30003715	30	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	2,089.93	0.00	0.00	35.00	73,147.55	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0537-003	62400002	Palfy Robert	CAD	0.00	10-12-2014	CAT 289D XHP Hi-Flow Skid Steer
E30003716	10	0	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILBF1277SP	FUEL FILTER # BF1277-SP	NR	CAD	8.00	40.73	325.84	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	10-12-2014	DOOSAN G-570 GENERATOR
E30003716	20	0	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILBF1281	FUEL FILTER # BF1281	NR	CAD	8.00	33.91	271.28	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	10-12-2014	DOOSAN G-570 GENERATOR
E30003717	10	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	4,391.68	158,100.48	0.00	0.00	0.00	10-12-2014	1.00	4,391.68	1.00	4,391.68	30-11-2014	M00010364			E300003	ACMF1142-006	62400002	Palfy Robert	CAD	4,391.68	10-12-2014	Used 2014 CAT TH514C Telehandler
E30003717	10	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	4,391.68	0.00	0.00	35.00	153,708.80	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1142-006	62400002	Palfy Robert	CAD	0.00	10-12-2014	Used 2014 CAT TH514C Telehandler
E30003718	10	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRESCE24	PLOW CUTTING EDGE NON CARBIDE (3/4X6"X24)	NR	CAD	12.00	165.80	1,989.60	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003718	20	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREAP91416A	RH CURB RUNNER	NR	CAD	2.00	170.00	340.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003718	30	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREAP9142B	SQUARE SHOE	NR	CAD	8.00	118.75	950.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003718	40	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRESCE48	NON CARBIDE WING CUTTING EDGE (1/2"X6"X48)	NR	CAD	6.00	225.25	1,351.50	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003718	50	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREBTSCE24	BOLTS & NUTS	NR	CAD	40.00	7.59	303.60	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003718	60	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREBTCURBRUNNER	LH/RH CURB RUNNER BOLT/NUT	NR	CAD	10.00	7.59	75.90	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003718	70	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREBTAP9142B	BOLT FOR SQUARE SHOE	NR	CAD	18.00	7.89	142.02	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003718	80	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREBTSCE4	BOLT FOR NON CARBIDE WING CUTTING EDGE	NR	CAD	32.00	5.95	190.40	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003719	10	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREAP91416	LH CURB RUNNER	NR	CAD	2.00	319.00	638.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	

PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUNT	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUNT	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003720	10	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010365			E300003	ACMF1246-109	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	10	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-109	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	20	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010366			E300003	ACMF1246-110	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	20	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-110	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	30	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010367			E300003	ACMF1246-111	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	30	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-111	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	40	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010368			E300003	ACMF1246-112	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	40	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-112	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	50	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010369			E300003	ACMF1246-113	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	50	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-113	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	60	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010370			E300003	ACMF1246-114	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	60	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-114	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	70	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010371			E300003	ACMF1246-115	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	70	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-115	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	80	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010372			E300003	ACMF1246-116	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	80	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-116	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	90	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.91	30-11-2014	M00010373			E300003	ACMF1246-117	62400002	Palfy Robert	CAD	346.91	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	90	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-117	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	100	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	346.91	12,488.76	0.00	0.00	0.00	10-12-2014	1.00	346.91	1.00	346.89	30-11-2014	M00010374			E300003	ACMF1246-118	62400002	Palfy Robert	CAD	346.89	10-12-2014	IDF Heaters Wacker HI 900 D
E30003720	100	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	346.91	0.00	0.00	35.00	12,141.85	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1246-118	62400002	Palfy Robert	CAD	0.00	10-12-2014	IDF Heaters Wacker HI 900 D
E30003721	10	0	10-12-2014	000000605	Norseman Inc	033-30021475	INSULATE TARP R VALUE 7.5-2"	NR	CAD	20.00	1,930.22	38,604.40	0.00	0.00	0.00	16-12-2014	10.00	19,302.20	0.00	0.00	17-12-2014	M00010885	80146317	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	SIZE 3.53X14.5M POS (A) LATERAL WALL ICS
E30003721	10	1	10-12-2014	000000605	Norseman Inc	033-30021475	INSULATE TARP R VALUE 7.5-2"	NR	CAD	0.00	1,930.22	0.00	0.00	10.00	19,302.20	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	10-12-2014	SIZE 3.53X14.5M POS (A) LATERAL WALL ICS
E30003722	10	0	10-12-2014	000000484	HICKMAN TRUCK CENTRE	2VOL45013	AIR DRYER	NR	CAD	1.00	725.33	725.33	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	$613.33 + $110.00 CORE = $725.33
E30003722	20	0	10-12-2014	000000484	HICKMAN TRUCK CENTRE	2ZZZ100199	PLUG FOR DRYER (ELECTRICAL)	NR	CAD	1.00	28.36	28.36	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	
E30003723	10	0	10-12-2014	000000505	PRECISION AUTOMOTIVE INC	C0805012	REPAIR SERVICE	NR	CAD	1.00	325.00	325.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWL268	62310002	Lannon Sean	CAD	0.00	10-12-2014	TOW TRUCK SERVICE
E30003724	20	0	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410103	THINSULATE THERMAL GLOVES 3M (-40G) 8 (M)	PAI	CAD	470.00	7.50	3,525.00	0.00	0.00	0.00	17-12-2014	134.00	1,005.00	134.00	1,005.00	16-12-2014	M00010787	7628 0003366	E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT No. CDR GLF1S
E30003724	20	1	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410103	THINSULATE THERMAL GLOVES 3M (-40G) 8 (M)	PAI	CAD	0.00	7.50	0.00	0.00	336.00	2,520.00	17-12-2014	80.00	600.00	0.00	0.00	12-12-2014	M00010986	3239	E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT No. CDR GLF1S
E30003724	20	2	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410103	THINSULATE THERMAL GLOVES 3M (-40G) 8 (M)	PAI	CAD	0.00	7.50	0.00	0.00	256.00	1,920.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT No. CDR GLF1S
E30003724	30	0	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410104	THINSULATE THERMAL GLOVES 3M (-40G) 9 (L)	PAI	CAD	590.00	7.50	4,425.00	0.00	0.00	0.00	17-12-2014	160.00	1,200.00	0.00	0.00	12-12-2014	M00010986	3239	E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT No. CDR GLF1L
E30003724	30	1	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410104	THINSULATE THERMAL GLOVES 3M (-40G) 9 (L)	PAI	CAD	0.00	7.50	0.00	0.00	430.00	3,225.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT No. CDR GLF1L
E30003724	40	0	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410105	THINSULATE THERMAL GLOVES 3M (-40G) 10 (XL)	PAI	CAD	670.00	11.50	7,705.00	0.00	0.00	0.00	17-12-2014	354.00	4,071.00	354.00	4,071.00	16-12-2014	M00010787	7628 0003366	E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT. No. ALG 173TFL-XL
E30003724	40	1	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410105	THINSULATE THERMAL GLOVES 3M (-40G) 10 (XL)	PAI	CAD	0.00	11.50	0.00	0.00	316.00	3,634.00	17-12-2014	80.00	920.00	0.00	0.00	12-12-2014	M00010986	3239	E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT. No. ALG 173TFL-XL
E30003724	40	2	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410105	THINSULATE THERMAL GLOVES 3M (-40G) 10 (XL)	PAI	CAD	0.00	11.50	0.00	0.00	236.00	2,714.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT. No. ALG 173TFL-XL
E30003724	50	0	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410106	THINSULATE THERMAL GLOVES 3M (-40G) 11 (2XL)	PAI	CAD	750.00	11.50	8,625.00	0.00	0.00	0.00	17-12-2014	126.00	1,449.00	126.00	1,449.00	16-12-2014	M00010787	7628 0003366	E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT No. 173TFL-XX L
E30003724	50	1	10-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410106	THINSULATE THERMAL GLOVES 3M (-40G) 11 (2XL)	PAI	CAD	0.00	11.50	0.00	0.00	624.00	7,176.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	10741		LEGROW DERRICK	CAD	0.00	10-12-2014	CAT No. 173TFL-XX L
E30003725	10	0	10-12-2014	000000209	CAPITAL CRANE	R110001	RENTAL HEAVY VEHICLES WITH OPERATOR	DAY	CAD	10.00	2,016.00	20,160.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	Joshi Pramod	CAD	0.00	10-12-2014	CRANE RT 80 WITH OPERATOR FROM DEC 10 TO
E30003725	20	0	10-12-2014	000000209	CAPITAL CRANE	R110207	RENTAL TRUCK	DAY	CAD	10.00	1,696.00	16,960.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	Joshi Pramod	CAD	0.00	10-12-2014	TRACTOR TRUCK E DECK WITH OPERATOR (BOOM
E30003725	30	0	10-12-2014	000000209	CAPITAL CRANE	R110001	RENTAL HEAVY VEHICLES WITH OPERATOR	DAY	CAD	1.00	3,350.00	3,350.00	0.00	0.00	0.00	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10005	62400001	Joshi Pramod	CAD	0.00	10-12-2014	FOR ITEM 1 ABOVE
E30003727	10	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	843.15	30,353.40	0.00	0.00	0.00	10-12-2014	1.00	843.15	1.00	843.15	30-11-2014	M00010206			E300003	CWS 920	62400002	Palfy Robert	CAD	843.15	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	10	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	843.15	0.00	0.00	35.00	29,510.25	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 920	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	20	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	843.15	30,353.40	0.00	0.00	0.00	10-12-2014	1.00	843.15	1.00	843.15	30-11-2014	M00010207			E300003	CWS 921	62400002	Palfy Robert	CAD	843.15	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	20	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	843.15	0.00	0.00	35.00	29,510.25	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 921	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	30	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	843.15	30,353.40	0.00	0.00	0.00	10-12-2014	1.00	843.15	1.00	843.15	30-11-2014	M00010208			E300003	CWS 922	62400002	Palfy Robert	CAD	843.15	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	30	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	843.15	0.00	0.00	35.00	29,510.25	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 922	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	40	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	843.15	30,353.40	0.00	0.00	0.00	10-12-2014	1.00	843.15	1.00	843.15	30-11-2014	M00010209			E300003	CWS 200	62400002	Palfy Robert	CAD	843.15	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	40	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	843.15	0.00	0.00	35.00	29,510.25	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 200	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	50	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	843.15	30,353.40	0.00	0.00	0.00	10-12-2014	1.00	843.15	1.00	843.15	30-11-2014	M00010210			E300003	CWS 911	62400002	Palfy Robert	CAD	843.15	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	50	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	843.15	0.00	0.00	35.00	29,510.25	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 911	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	60	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	843.15	30,353.40	0.00	0.00	0.00	10-12-2014	1.00	843.15	1.00	843.15	30-11-2014	M00010211			E300003	CWS 913	62400002	Palfy Robert	CAD	843.15	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	60	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	843.15	0.00	0.00	35.00	29,510.25	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 913	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	70	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	843.15	30,353.40	0.00	0.00	0.00	10-12-2014	1.00	843.15	1.00	843.15	30-11-2014	M00010212			E300003	CWS 914	62400002	Palfy Robert	CAD	843.15	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	70	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	843.15	0.00	0.00	35.00	29,510.25	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 914	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 Chevy Silverado Light Duty Pick
E30003727	80	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,206.70	43,441.20	0.00	0.00	0.00	10-12-2014	1.00	1,206.70	1.00	1,206.70	30-11-2014	M00010213			E300003	CWS 906	62400002	Palfy Robert	CAD	1,206.70	10-12-2014	New 2014 GMC SIERRA High Country Light D
E30003727	80	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,206.70	0.00	0.00	35.00	42,234.50	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 906	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 GMC SIERRA High Country Light D
E30003727	90	0	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	36.00	1,206.70	43,441.20	0.00	0.00	0.00	10-12-2014	1.00	1,206.70	1.00	1,206.73	30-11-2014	M00010214			E300003	CWS 907	62400002	Palfy Robert	CAD	1,206.73	10-12-2014	New 2014 GMC SIERRA High Country Light D
E30003727	90	1	10-12-2014	000000351	GE CANADA LEASING SERVICES COMPANY	9001	LEASING	MON	CAD	0.00	1,206.70	0.00	0.00	35.00	42,234.50	10-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWS 907	62400002	Palfy Robert	CAD	0.00	10-12-2014	New 2014 GMC SIERRA High Country Light D
E30003728	10	0	10-12-2014	000000163	NAPA GOOSE BAY AUTO PARTS	032-50000607	WEATHER TECH FLOORLINE #CAT 4531445423	CAD	CAD	1.00	275.00	275.00	0.00	0.00	0.00	15-12-2014	1.00	275.00	0.00	0.00	15-12-2014	M00010868	412-039267	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	10-12-2014	FOR MR. IVANOVIC
E30003729	10	0	10-12-2014	000000575	CUMMINS EASTERN CANADA LP	2MAWFS1041	FUEL FILTER # FS1041	NR	CAD	4.00	53.63	214.52	0.00	0.00	0.00	17-12-2014	4.00	214.52	0.00	0.00	17-12-2014	M00010877	029-84102 INV	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	10-12-2014	MANITOWOC 16000 CRAWLER CRANE
E30003730	10	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	032-21231264	PLACARD HOLDER	NR	CAD	8.00	9.95	79.60	0.00	0.00	0.00	19-12-2014	8.00	79.60	0.00	0.00	15-12-2014	M00010892	219745	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	TDG VEHICLE PLACARDS
E30003730	20	0	10-12-2014	000000272	VALLEY RENTALS & SALES LTD	032-21231294	PLACARD TYPE 1202	NR	CAD	8.00	6.99	55.92	0.00	0.00	0.00	19-12-2014	8.00	55.92	0.00	0.00	15-12-2014	M00010892	219745	E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	10-12-2014	TDG VEHICLE PLACARDS
E30003731	10	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100214	FUSIL#MIL130831	CAD	CAD	1.00	1,161.66	1,161.66	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	FUSIL, MIG, MILLER, SPOOLMATIC,
E30003731	20	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100215	MILLER WC-115A	CAD	CAD	1.00	838.59	838.59	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	COMMANDE, MILLER,
E30003731	30	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100216	WIRE MIG ALUMINIUM(0.9MM) #BLU20443109W	NR	CAD	8.10	16.01	129.68	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	WIRE, MIG, ALUMINUM, BLUESHIELD 4043,
E30003731	40	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100217	WIRE MIG ALUMINIUM(1.2MM) #BLU20443112W	NR	CAD	8.10	15.14	122.63	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	WIRE, MIG, ALUMINUM, BLUESHIELD 4043,
E30003731	50	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100218	MILLER CONTACT TIP #MIL206187	NR	CAD	25.00	1.72	43.00	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	TIP, CONTACT, MIG, MILLER, FASTIP,
E30003731	60	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100218	MILLER CONTACT TIP #MIL206187	CAD	CAD	25.00	1.72	43.00	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	TIP, CONTACT, MIG, MILLER, FASTIP
E30003731	70	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100219	MILLER CONTACT TIP #MIL206189	CAD	CAD	12.00	20.30	243.60	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	NOZZLE, MIG, MILLER, COPPER, 5/8"
E30003731	80	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100220	MILLER NOZZLE #MIL198855	CAD	CAD	1.00	204.08	204.08	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	MANODETENDEUR, DEBITMETRE, ARGON/HELIUM,
E30003731	90	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100224	ELECTRODE 2.5MM (3/32) # BLU53543325	KG	CAD	2.50	84.37	210.93	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	ELECTRODE, ALUMINIUM, BLUESHIELD
E30003731	100	0	11-12-2014	000000581	AIR LIQUIDE CANADA INC	2ZZZ100225	ELECTRODE 3.2MM (1/8) # BLU53543332	KG	CAD	2.50	79.18	197.95	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	11-12-2014	ELECTRODE, ALUMINIUM, BLUESHIELD MNR
E30003732	10	0	11-12-2014	000000633	Labrador Rewinding	C0805012	REPAIR SERVICE	NR	CAD	1.00	736.80	736.80	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF0302-001	62310002	Lannon Sean	CAD	0.00	11-12-2014	REBUILD STARTER MOTOR
E30003733	10	0	11-12-2014	000000295	ACKLANDS-GRAINGER INC.	395-10271018	DEWALT 3/8" DRILL 18V	NR	CAD	8.00	349.99	2,799.92	0.00	0.00	0.00	23-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	8 ea 20V 1/2" DEWALT DRILL WITH KIT
E30003734	10	0	11-12-2014	000000202	BATTLEFIELD EQUIPMENT	2JLG4844817S	BOTTOM TUBE WELDMENT	NR	CAD	2.00	966.06	1,932.12	0.00	0.00	0.00	02-01-2015	2.00	1,932.12	0.00	0.00	09-01-2015	M00011019	700000888	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	PART NUMBER:
E30003735	10	0	11-12-2014	000000295	ACKLANDS-GRAINGER INC.	033-02190600	VACUUM WET DRY INDUSTRIAL	NR	CAD	2.00	164.50	329.00	0.00	0.00	0.00	18-12-2014	2.00	329.00	2.00	329.00	16-12-2014	M00010887	76280003360	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	11-12-2014	MAKE: RIDGID - 45 LT CAPACITY-
E30003735	20	0	11-12-2014	000000295	ACKLANDS-GRAINGER INC.	033-01080880	PADLOCK (MASTER) STEEL 1-3/4" 4-PIN	NR	CAD	6.00	14.93	89.58	0.00	0.00	0.00	18-12-2014	6.00	89.58	6.00	89.58	16-12-2014	M00010887	76280003360	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	11-12-2014	INCLUDES 1 KEY TO FIT ALL LOCKS
E30003735	40	0	11-12-2014	000000295	ACKLANDS-GRAINGER INC.	034-14110018	18" RIDGID STRAP WRENCH	NR	CAD	1.00	49.24	49.24	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	11-12-2014	
E30003735	50	0	11-12-2014	000000295	ACKLANDS-GRAINGER INC.	034-14110024	24" RIDGID STRAP WRENCH	NR	CAD	1.00	61.12	61.12	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	11-12-2014	
E30003736	10	0	11-12-2014	000000492	EMCO WATERWORKS	010-04010012	PVC PIPE 1/2" X 30 MT	NR	CAD	4.00	24.05	96.20	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	11-12-2014	
E30003736	20	0	11-12-2014	000000492	EMCO WATERWORKS	010-04010013	PVC PIPE 3/4" X 30 MT	NR	CAD	4.00	47.75	191.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	11-12-2014	
E30003737	10	0	11-12-2014	000000209	CAPITAL CRANE	C0805012	REPAIR SERVICE	NR	CAD	1.00	19,117.78	19,117.78	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	Lannon Sean	CAD	0.00	13-12-2014	CAPITAL CRANE TECHNICIANS
E30003738	10	0	11-12-2014	000000278	ATSANIK NITASSINAN SCAFFOLDING LTD	007-80111093	STUB END ASSEMBLY	NR	CAD	100.00	50.00	5,000.00	0.00	0.00	0.00	15-12-2014	100.00	5,000.00	0.00	0.00	18-12-2014	M00010954	0243	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	11-12-2014	AS PER BOURQUE INDUSTRIAL LTD.
E30003739	10	0	11-12-2014	000000243	UNITED RENTALS	459-61024031	PORTABLE HALOGEN LIGHT 1400W (L5502)	NR	CAD	30.00	126.33	3,789.90	0.00	0.00	0.00	12-12-2014	30.00	3,789.90	30.00	3,789.90	16-12-2014	M00010893	125038013-001 INV	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	11-12-2014	
E30003740	10	0	11-12-2014	000000349	SMS EQUIPMENT INCORPORATED	C0805012	REPAIR SERVICE	NR	CAD	1.00	1,932.28	1,932.28	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	Lannon Sean	CAD	0.00	13-12-2014	SMS EQUIPMENT
E30003741	10	0	11-12-2014	000000068	Astaldi Construction Corporation	2GAD3120310	PRESSURE RELIEF VALVE 20K	NR	USD	1.00	1,045.00	1,045.00	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	
E30003741	20	0	11-12-2014	000000068	Astaldi Construction Corporation	2GAD77513073	OPTIONAL PLUG 9/16" NPT	NR	USD	1.00	28.47	28.47	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	
E30003741	30	0	11-12-2014	000000068	Astaldi Construction Corporation	2GAD77513053	GLENDNET (P/O OPTIONAL PLUG)	NR	USD	1.00	25.93	25.93	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	
E30003741	40	0	11-12-2014	000000068	Astaldi Construction Corporation	2GAD6433501	BELT	NR	USD	4.00	384.57	1,538.28	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	
E30003741	50	0	11-12-2014	000000068	Astaldi Construction Corporation	2GAD7090003	C-PUMP	NR	USD	1.00	2,219.36	2,219.36	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	
E30003741	60	0	11-12-2014	000000068	Astaldi Construction Corporation	2GAD3745138	HIGH PRESSURE GAUGES	NR	USD	1.00	369.06	369.06	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	
E30003741	70	0	11-12-2014	000000068	Astaldi Construction Corporation	2GAD3732030	LOW PRESSURE GAUGES	NR	USD	1.00	41.00	41.00	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	
E30003741	80	0	11-12-2014	000000068	Astaldi Construction Corporation	2GAD4077136010	FILTERS	NR	USD	5.00	4.47	22.35	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	11-12-2014	
E30003742	10	0	11-12-2014	000000375	SPEEDY AUTOMOTIVES	C0805012	REPAIR SERVICE	NR	CAD	2.00	475.45	950.90	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	Joanne Stirling	CAD	0.00	13-12-2014	REMOVED CRACKED GLASS FROM BUS
E30003742	20	0	11-12-2014	000000375	SPEEDY AUTOMOTIVES	C0805012	REPAIR SERVICE	NR	CAD	2.00	475.45	950.90	0.00	0.00	0.00	11-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62310002	Joanne Stirling	CAD	0.00	13-12-2014	REMOVE CRACKED GLASS AND REPLACE
E30003743	10	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	380-84040011	FLOOR AIR PUMP	NR	CAD	1.00	17.98	17.98	0.00	0.00	0.00	18-12-2014	1.00	17.98	0.00	0.00	10-01-2015	M00011009	76280003363	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	SLM24048
E30003743	20	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	3830320030	TYRE TREAD DEPTH GAUGE 30MM BASE 20MM	NR	CAD	1.00	3.94	3.94	0.00	0.00	0.00	18-12-2014	1.00	3.94	0.00	0.00	10-01-2015	M00011009	76280003363	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	WSW2HKW6
E30003744	10	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	39023081001	MEASURING TAPE 8MX28MM STANLEY MAX 33-959	NR	CAD	12.00	33.51	402.12	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003744	20	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	342-13005912	HEAVY DUTY STEEL PIPE WRENCH 12"	NR	CAD	12.00	25.96	311.52	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003744	30	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	342-13005918	HEAVY DUTY STEEL PIPE WRENCH 18"	NR	CAD	12.00	41.99	503.88	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003744	40	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	363-10120334	3/4" CHUCK LARGE DRILL -350 RPM-	NR	CAD	1.00	705.00	705.00	0.00	0.00	0.00	18-12-2014	1.00	705.00	1.00	705.00	16-12-2014	M00010784	76280003383	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	MILWAUKEE
E30003745	10	0	12-12-2014	000000182	LABRADOR MOTORS LIMITED	R112069	RENTAL MISCELLANEOUS EQUIPMENT	WKS	CAD	6.00	450.00	2,700.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	Joanne Stirling	CAD	0.00	12-12-2014	SIX WEEK RENTAL SITE EQUIPPED TRUCK
E30003746	10	0	12-12-2014	000000203	TOROMONT CAT	2CAT5F8933	BOLT	NR	CAD	200.00	3.69	738.00	0.00	0.00	0.00	30-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	12-12-2014	
E30003746	20	0	12-12-2014	000000203	TOROMONT CAT	2CAT5P8248	WASHER 5P-8248	NR	CAD	200.00	1.78	356.00	0.00	0.00	0.00	30-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	12-12-2014	
E30003746	30	0	12-12-2014	000000203	TOROMONT CAT	2CAT2J3506	NUT 2J-3506	NR	CAD	200.00	1.83	366.00	0.00	0.00	0.00	30-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	12-12-2014	
E30003747	10	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	34208102180	WRENCH BASIN 11/4-21/2 L=425MM RIDGID 31180	NR	CAD	3.00	21.99	65.97	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	TELESCOPIC- RIGID BASIN
E30003747	20	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	010-82816196	TRANSITION GLUE (ABS TO PVC) 500ML CAN C/W BR	NR	CAD	10.00	6.99	69.90	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	10 CANS REQUIRED
E30003747	30	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	010-82816194	PVC GLUE (500ML CAN C/W BRUSH)	NR	CAD	22.00	5.39	118.58	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	22 CANS REQUIRED
E30003747	40	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	010-82816195	PVC PRIMER (500ML CAN C/W BRUSH)	NR	CAD	22.00	5.49	120.78	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	22 CANS REQUIRED
E30003747	50	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	34421800059	TORCH TIP CLEANER SET	NR	CAD	1.00	5.69	5.69	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	WYP- STANDARD SET
E30003747	60	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	344-28110452	OXY/ACETYLENE TORCH KIT C/W GAUGES	NR	CAD	1.00	699.00	699.00	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	BLU-PR0410
E30003747	70	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	01305520613	HOSE RUBBER TWIN OXYGEN/ACETYLENE 20BAR 6X1	M	CAD	8.00	3.55	28.44	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	BLU-04513402
E30003747	80	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	34421800057	OXY-ACETYLENE BRAZING TIP #1	NR	CAD	1.00	74.82	74.82	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	BLU-7121
E30003747	90	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	34421800058	OXY-ACETYLENE BRAZING TIP #2	NR	CAD	1.00	74.82	74.82	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	BLU-7122
E30003747	100	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	34421800051	OXY-ACETYLENE CUTTING TIP #1	NR	CAD	2.00	25.51	51.02	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	BLU-8031
E30003747	110	0	12-12-2014	000000343	PRESSURE PIPE STEEL FABRICATION LTD	34421800052	OXY-ACETYLENE CUTTING TIP #2	NR	CAD	2.00	25.51	51.02	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	BLU-8032
E30003748	10	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108210	SAFETY FLEECE JACKET VIKING ORANGE SIZE S 6400J	CAD	CAD	50.00	38.96	1,948.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	20	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108211	SAFETY FLEECE JACKET VIKING ORANGE SIZE M 6400	CAD	CAD	50.00	38.96	1,948.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	30	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108212	SAFETY FLEECE JACKET VIKING ORANGE SIZE L 6400J	CAD	CAD	50.00	38.96	1,948.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	40	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108213	SAFETY FLEECE JACKET VIKING ORANGE SIZE XL 6400	CAD	CAD	50.00	38.96	1,948.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	50	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108214	SAFETY FLEECE JACKET VIKING ORANGE SIZE 2XL 640	CAD	CAD	50.00	38.96	1,948.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	60	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	030-51108215	SAFETY FLEECE JACKET VIKING ORANGE SIZE 3XL 640	CAD	CAD	50.00	38.96	1,948.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	70	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012200	SAFETY JACKET VIKING ORANGE 300D SIZE S LOGO	CAD	CAD	20.00	116.05	2,321.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	80	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012201	SAFETY JACKET VIKING ORANGE 300D SIZE M LOGO	CAD	CAD	20.00	116.05	2,321.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	90	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012202	SAFETY JACKET VIKING ORANGE 300D SIZE L LOGO	CAD	CAD	20.00	116.05	2,321.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	100	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012203	SAFETY JACKET VIKING ORANGE 300D SIZE XL LOGO	CAD	CAD	20.00	116.05	2,321.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	110	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012204	SAFETY JACKET VIKING ORANGE 300D SIZE 2XL LOGO	CAD	CAD	20.00	116.05	2,321.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003748	120	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012205	SAFETY JACKET VIKING ORANGE 300D SIZE 3XL LOGO	CAD	CAD	20.00	116.05	2,321.00	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ORANGE HIGH VISIBILITY WITH
E30003750	10	0	12-12-2014	000000305	KONECRANES CANADA INCORPORATED	C0806013	WORKS AND SERVICES (NR)	NR	CAD	1.00	36,000.00	36,000.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62500002	Joanne Stirling	CAD	0.00	12-12-2014	KONE CRANE SERVICES AS PER ATTACHED.
E30003751	10	0	12-12-2014	000000565	Sherry Contracting & Consulting Inc	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	22,000.00	22,000.00	0.00	0.00	0.00	12-12-2014	1.00	22,000.00	1.00	22,000.00	30-11-2014	M00010397			E300001	10512	62500001	Hiscock Andrew	CAD	0.00	12-12-2014	
E30003752	10	0	12-12-2014	000000164	LABRADOR SPECIALTY SERVICES INC	041-01610032	MEMORY SD CARD 32 GB	NR	CAD	3.00	79.95	239.85	0.00	0.00	0.00	14-12-2014	3.00	239.85	0.00	0.00	10-01-2015	M00011006	2604508	E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003753	10	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012201	SAFETY JACKET VIKING ORANGE 300D SIZE M LOGO	CAD	CAD	3.00	116.05	348.15	0.00	0.00	0.00	08-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	HIGH VISIBILITY WINTER COAT/ORANGE COLOU
E30003753	20	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012202	SAFETY JACKET VIKING ORANGE 300D SIZE L LOGO	CAD	CAD	1.00	116.05	116.05	0.00	0.00	0.00	08-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	HIGH VISIBILITY WINTER COAT/ORANGE COLOU
E30003753	30	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-91012203	SAFETY JACKET VIKING ORANGE 300D SIZE XL LOGO	CAD	CAD	1.00	116.05	116.05	0.00	0.00	0.00	08-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	HIGH VISIBILITY WINTER COAT/ORANGE
E30003753	40	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	03090311203	PANTS WORK WINTER SIZE L	CAD	CAD	2.00	79.00	158.00	0.00	0.00	0.00	08-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	CSA INSULATED BIB OVERALLS, ORANGE
E30003753	50	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	03090211202	PANTS WORK WINTER SIZE M	CAD	CAD	1.00	79.00	79.00	0.00	0.00	0.00	08-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	CSA INSULATED BIB OVERALLS, ORANGE
E30003753	60	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	03090411204	PANTS WORK WINTER SIZE XL	CAD	CAD	1.00	79.00	79.00	0.00	0.00	0.00	08-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	CSA INSULATED BIB OVERALLS, ORANGE
E30003755	10	0	12-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	371-07050400	PULLER GENERAL PURPOSE	NR	CAD	16.00	154.33	2,469.28	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	MAASDAM ROPE PULLERS
E30003755	20	0	12-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-91424012	1/2'' DIA.WEAR RESISTANT DACRON POLIESTER ROP	FT	CAD	1,800.00	0.41	754.20	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	TWISTED
E30003755	30	0	12-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	01454012012	THIMBLES GALV. FOR ROPE DIAM.12MM	NR	CAD	50.00	2.78	139.00	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	TWISTED
E30003755	40	0	12-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	014-54012112	1/2" ROPE CLIP	NR	CAD	100.00	2.71	271.00	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003755	50	0	12-12-2014	000000270	NORTHERN SLINGS AND THINGS LTD.	124-79010134	FLEXIBLE VINYL CORNER GUARD 1-3/4" WING	M	CAD	20.00	38.01	760.32	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003756	10	0	12-12-2014	000000462	CITY TIRE & AUTO CENTRE LIMITED	383-00011225	SNOW CHAIN - FOR 11R 22.5 TYRE	NR	CAD	38.00	345.00	13,110.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	
E30003757	10	0	12-12-2014	000000462	CITY TIRE & AUTO CENTRE LIMITED	004-90209904	REPAIR LINKS FOR CHAIN (9904)	NR	CAD	100.00	24.00	2,400.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	
E30003757	20	0	12-12-2014	000000462	CITY TIRE & AUTO CENTRE LIMITED	004-90201966	REPAIR LINKS FOR CHAIN (11966T)	NR	CAD	100.00	24.00	2,400.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	
E30003758	10	0	12-12-2014	000000569	HEWITT EQUIPMENT LTD	383-00029525	SNOW CHAIN SET - FOR 29.5-25 TYRE	SET	CAD	2.00	2,642.23	5,284.46	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	
E30003759	10	0	12-12-2014	000000569	HEWITT EQUIPMENT LTD	383-00026525	TRACTION CHAIN SET -FOR 26.5-25 TYRE	SET	CAD	2.00	2,124.24	4,248.48	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	2 set (4 pcs)

PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUNT	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUNT	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003760	10	0	12-12-2014	000000462	CITY TIRE & AUTO CENTRE LIMITED	383-00000525	SNOW CHAIN FOR TYRE 17.5 R25	NR	CAD	4.00	1,356.25	5,425.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	
E30003761	10	0	12-12-2014	000000529	Traction 506	383-00023525	SNOW CHAIN - FOR 23.5 R25 TYRE	NR	CAD	4.00	708.75	2,835.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	
E30003762	10	0	12-12-2014	000000462	CITY TIRE & AUTO CENTRE LIMITED	383-38565225	SNOW CHAIN - FOR 385/65R 22.5 TYRE	NR	CAD	5.00	401.25	2,006.25	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	
E30003763	10	0	12-12-2014	000000569	HEWITT EQUIPMENT LTD	383-00012225	SNOW CHAIN - FOR 12 R22.5 TYRE	NR	CAD	4.00	524.35	2,097.40	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	FRONT
E30003763	20	0	12-12-2014	000000569	HEWITT EQUIPMENT LTD	383-00011225	SNOW CHAIN - FOR 11R 22.5 TYRE	NR	CAD	4.00	431.07	1,724.28	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Stickley Barbara	CAD	0.00	12-12-2014	
E30003765	10	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	2ZZZ100206	AIR HOSE# 6AFG6	NR	CAD	4.00	118.99	475.96	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003765	20	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	2ZZZ100207	3/8 HOSE BARB #6AFN8	NR	CAD	6.00	0.99	5.94	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003765	30	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	2ZZZ100208	5/8 HOSE BARB # 6AFJ9	NR	CAD	6.00	2.42	14.52	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003765	40	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	2ZZZ100209	1/2 HOSE BARB # 6AFH2	NR	CAD	6.00	0.90	5.40	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	12-12-2014	
E30003765	50	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	2ZZZ100210	SWIVEL 1" # 24UY37	NR	CAD	1.00	94.00	94.00	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	15-12-2014	110376-01
E30003765	60	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	2ZZZ100211	SWIVEL 3/4" # 24UY36	NR	CAD	6.00	96.64	579.84	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	15-12-2014	FIL S100H1315
E30003765	70	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	2ZZZ100212	FUEL NOZZLE # 10JB23	NR	CAD	6.00	64.37	386.22	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	15-12-2014	FIL S075H1314
E30003765	80	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	2ZZZ100213	FUEL NOZZLE# 13K557	NR	CAD	6.00	121.22	727.32	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	15-12-2014	10J823
E30003766	10	0	12-12-2014	000000252	HICKEY CONSTRUCTION LTD	R110607	RENTAL TRUCKS (HOURS)	HRS	CAD	6.00	250.00	1,500.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	0099000	62400001	Ohouo Veronique	CAD	0.00	16-12-2014	RECAVERY FLOAT RENTAL TO PICK UP
E30003767	10	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21111016	GLOVES COTTON SIZE L	PAI	CAD	100.00	0.43	43.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	CAT No. CDRGK1C-L
E30003767	20	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21111017	GLOVES COTTON SIZE XL	PAI	CAD	100.00	0.43	43.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	CAT # CDRGK1C-XL
E30003768	10	0	12-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE40193486225	STEERING SPLINDLE BOLTS	NR	CAD	15.00	6.90	103.50	0.00	0.00	0.00	17-12-2014	15.00	103.50	15.00	135.82	19-12-2014	M00010906	INV 219829	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	PART NUMBER:
E30003768	20	0	12-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE2309114004	WASHER	NR	CAD	15.00	0.89	13.35	0.00	0.00	0.00	17-12-2014	15.00	13.35	15.00	13.35	19-12-2014	M00010906	INV 219829	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	PART NUMBER:
E30003768	30	0	12-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE36787	NUT	NR	CAD	15.00	5.90	88.50	0.00	0.00	0.00	17-12-2014	15.00	88.50	15.00	120.83	19-12-2014	M00010906	INV 219829	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	PART NUMBER:
E30003768	40	0	12-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE10019840	ABS RING	NR	CAD	1.00	98.63	98.63	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	12-12-2014	PART NUMBER:
E30003770	10	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-31171102	GLASSES CLEAR ANTI-FOG SEALED CSA Z94.3 3M-VIR	PAI	CAD	200.00	5.08	1,016.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	CAT No. PSPSB4610STP
E30003770	20	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-31171101	SAFETY DARK GLASSES NORTH A701	PAI	CAD	200.00	1.65	330.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	CAT. No. WSSA701
E30003770	30	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21511031	GLOVES SUPERIOR 6" CUFF-M	PAI	CAD	50.00	19.50	975.00	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ENDURA DELUXE WINTER LINEMAN GLOVES
E30003770	40	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21511032	GLOVES SUPERIOR 6" CUFF-L	PAI	CAD	75.00	19.50	1,462.50	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ENDURA DELUXE WINTER LINEMAN GLOVES
E30003770	50	0	12-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21511033	GLOVES SUPERIOR 6" CUFF-XL	PAI	CAD	75.00	19.50	1,462.50	0.00	0.00	0.00	12-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	12-12-2014	ENDURA DELUXE WINTER LINEMAN GLOVES
E30003771	10	0	13-12-2014	000000655	East Coast Internation Trucks Inc	2INR2607897C91	DRIVER'S HEATER MOTOR #2607897C91	NR	CAD	1.00	150.10	150.10	0.00	0.00	0.00	17-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	INTERNATIONAL BUS
E30003772	10	0	13-12-2014	000000677	Chik Hong Cheng	C0806013	WORKS AND SERVICES (NR)	NR	CAD	1.00	23,709.00	23,709.00	0.00	0.00	0.00	13-12-2014	1.00	23,709.00	1.00	23,709.00	30-11-2014	M00010404			E300001	10516	62500002	Hiscock Andrew	CAD	23,709.00	13-12-2014	
E30003773	10	0	13-12-2014	000000402	INNU DMC safety Consulting Inc	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	9,750.00	9,750.00	0.00	0.00	0.00	13-12-2014	1.00	9,750.00	1.00	9,750.00	30-11-2014	M00010405			E300001	10100	62500001	Hiscock Andrew	CAD	0.00	13-12-2014	
E30003773	20	0	13-12-2014	000000402	INNU DMC safety Consulting Inc	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	11,400.00	11,400.00	0.00	0.00	0.00	13-12-2014	1.00	11,400.00	1.00	11,400.00	30-11-2014	M00010406			E300001	10100	62500001	Hiscock Andrew	CAD	0.00	13-12-2014	
E30003773	30	0	13-12-2014	000000402	INNU DMC safety Consulting Inc	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	8,550.00	8,550.00	0.00	0.00	0.00	13-12-2014	1.00	8,550.00	1.00	8,550.00	30-11-2014	M00010407			E300001	10100	62500001	Hiscock Andrew	CAD	0.00	13-12-2014	
E30003773	40	0	13-12-2014	000000402	INNU DMC safety Consulting Inc	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	8,000.00	8,000.00	0.00	0.00	0.00	13-12-2014	1.00	8,000.00	1.00	8,000.00	30-11-2014	M00010408			E300001	10100	62500001	Hiscock Andrew	CAD	0.00	13-12-2014	
E30003774	10	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP053983	REDUIT ESSER 900-ZXV150/6"@SK125/5.5" X 1200	NR	CAD	1.00	2,070.35	2,070.35	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	20	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00041106	COUDE ESSER 900 TWINWALL SK125/5.5" 45DEG 47	NR	CAD	1.00	925.19	925.19	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	30	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP133541	TUYAU DECK ESSER 900 SK125/5.5" X 3000MM	NR	CAD	1.00	797.04	797.04	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	40	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP132258	TUYAU DE REFOULEMENT ESSER 900 SK 125/5.5 X 1	NR	CAD	1.00	484.37	484.37	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	50	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP079465	ELBOW 10 DEG ESSER 7+2 PROCAST	NR	CAD	1.00	281.97	281.97	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	60	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP133541	TUYAU DECK ESSER 900 SK125/5.5" X 3000MM	NR	CAD	2.00	797.04	1,594.08	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	70	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP079177	COUDE 90 DEG SK 125/5.5-SK125/5.5 90 DEG 275S	NR	CAD	1.00	598.84	598.84	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	80	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP132227	TUYAU DE FLECHE ESSER 900 SK125/5.5X500MM	NR	CAD	1.00	275.75	275.75	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	90	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP153444	TAYAU DE REFOUL 900 SER - SK125/5.5 X 3000MM	NR	CAD	10.00	442.31	4,423.10	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	100	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP132227	TUYAU DE FLECHE ESSER 900 SK125/5.5X500MM	NR	CAD	1.00	275.75	275.75	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	110	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP157527	TUYAU REFOULEMENT ESSER 900SK 125/5.5 X 1000	NR	CAD	1.00	219.40	219.40	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	120	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP132227	TUYAU DE FLECHE ESSER 900 SK125/5.5X500MM	NR	CAD	1.00	275.75	275.75	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	130	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP157527	TUYAU REFOULEMENT ESSER 900SK 125/5.5 X 1000	NR	CAD	1.00	215.14	215.14	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	140	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP151305	TUYAU DE REFOULEMENT ESSER-SK 125/5.5 X 1500	NR	CAD	1.00	275.11	275.11	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	150	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP132227	TUYAU DE FLECHE ESSER 900 SK125/5.5X500MM	NR	CAD	1.00	275.75	275.75	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	160	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP151306	TAYAUTERIE FLECHE ESSER 900 - SK125/5.5 X 4000M	NR	CAD	1.00	553.78	553.78	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	170	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP079177	COUDE 90 DEG SK 125/5.5-SK125/5.5 90 DEG 275S	NR	CAD	11.00	587.21	6,459.31	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	180	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP132191	COUDE ESSER 900 SK125/5.5" X 30 DEG 275S	NR	CAD	4.00	416.73	1,666.92	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	190	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP132348	COUDE PROCAST SK 125-5.5" 20 DEG	NR	CAD	1.00	361.83	361.83	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	200	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP079650	COUDE PROCAST SK 125-5.5"""" 90 DEG	NR	CAD	2.00	630.36	1,260.72	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	210	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP151304	TUYAU DE REFOULEMENT ESSER -900 SK 125/5.5X25	NR	CAD	1.00	386.58	386.58	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	220	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP153444	TAYAU DE REFOUL 900 SER - SK125/5.5 X 3000MM	NR	CAD	1.00	442.31	442.31	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	230	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP157529	DELIVERY PIPE 900 SK125-5.5 X 35	NR	CAD	1.00	498.05	498.05	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	240	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP151306	TAYAUTERIE FLECHE ESSER 900 - SK125/5.5 X 4000M	NR	CAD	1.00	553.78	553.78	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	250	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP153444	TAYAU DE REFOUL 900 SER - SK125/5.5 X 3000MM	NR	CAD	1.00	442.31	442.31	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	260	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP081328	ELBOW 90 DEG EXT ESR-900	NR	CAD	1.00	902.42	902.42	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	270	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00006169	SEAL TYPE C D125/5.5" #P00006169	NR	CAD	45.00	4.36	196.20	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003774	280	0	13-12-2014	000000306	POMPACTION INCORPORATED	2PUTP00004553	SEAL TYPE A DN125/5.5" #P00004553	NR	CAD	10.00	2.86	28.60	0.00	0.00	0.00	20-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	
E30003775	10	0	13-12-2014	000000163	NAPA GOOSE BAY AUTO PARTS	2ZZZ822166	FUSE HOLDER	NR	CAD	24.00	2.37	56.88	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003776	10	0	13-12-2014	000000272	VALLEY RENTALS & SALES LTD	006-74412411	SCREW 12-24 X 1-5/8" (250 PER BOX)	NR	CAD	128.00	43.95	5,625.60	0.00	0.00	0.00	15-12-2014	128.00	5,625.60	0.00	0.00	15-12-2014	M00010791	219765 INV	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	13-12-2014	128 BOXES (250/BOX)
E30003777	10	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21111014	GLOVES COTTON SIZE S	PAI	CAD	80.00	0.43	34.40	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	13-12-2014	CAT. No. CDRGK1C-S
E30003777	20	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21111015	GLOVES COTTON SIZE M	PAI	CAD	80.00	0.43	34.40	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	13-12-2014	CAT No. CDRGK1C-M
E30003777	30	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21111016	GLOVES COTTON SIZE L	PAI	CAD	80.00	0.43	34.40	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	13-12-2014	CAT No. CDRGK1C-L
E30003777	40	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21111017	GLOVES COTTON SIZE XL	PAI	CAD	80.00	0.43	34.40	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	13-12-2014	CAT No. CDRGK1C-XL
E30003777	50	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21511064	GLOVES, DRIVERS ECONOMY NORTH 11RK SIZE 11	PAI	CAD	50.00	7.50	375.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	13-12-2014	CAT. No. ALG1571-11
E30003777	60	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	031-21511065	GLOVES, DRIVERS ECONOMY NORTH 11RK SIZE 12	PAI	CAD	80.00	7.50	600.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	13-12-2014	CAT. No. ALG1571-12
E30003777	70	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	03121410102	THINSULATE THERMAL GLOVES 3M (-40G) 7 (S)	PAI	CAD	50.00	7.50	375.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	13-12-2014	CAT. No. CDRGLF1S
E30003778	10	0	13-12-2014	000000655	East Coast Internation Trucks Inc	2INRETN0971443	ROD-ASM TIE WITH ENDS 68.9"	NR	CAD	2.00	201.31	402.62	0.00	0.00	0.00	19-12-2014	2.00	402.62	0.00	0.00	10-01-2015	M00011002	1-250020016	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003779	10	0	13-12-2014	000000203	TOROMONT CAT	2CAT2583298	GROMMET	NR	CAD	3.00	6.66	19.98	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003779	20	0	13-12-2014	000000203	TOROMONT CAT	2CAT2584075	GASKET	NR	CAD	12.00	4.54	54.48	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003779	30	0	13-12-2014	000000203	TOROMONT CAT	2CAT2584085	BUSHING	NR	CAD	6.00	14.75	88.50	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003779	40	0	13-12-2014	000000203	TOROMONT CAT	2CAT3190710	FILM INSTRUCTION(EGRESS SYSTEM)	NR	CAD	4.00	10.06	40.24	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003779	50	0	13-12-2014	000000203	TOROMONT CAT	2CAT3456262	HINGE ASSEMBLY	NR	CAD	4.00	134.19	536.76	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003779	60	0	13-12-2014	000000203	TOROMONT CAT	2CAT8T5439	WASHER	NR	CAD	6.00	4.71	28.26	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003780	10	0	13-12-2014	000000655	East Coast Internation Trucks Inc	2INR22800000B	DEFROST HEATER MOTOR	NR	CAD	6.00	45.47	272.82	0.00	0.00	0.00	22-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	13-12-2014	PART NUMBER:
E30003781	10	0	13-12-2014	000000216	NATIONAL SAFETY EQUIPMENT	031-61600050	SHOES SAFETY STEEL TOE CAP S3 SIZE (11)	PAI	CAD	2.00	79.95	159.90	0.00	0.00	0.00	15-12-2014	2.00	159.90	0.00	0.00	16-12-2014	M00010882	5-404194	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	13-12-2014	A9045-12
E30003782	10	0	30-11-2014	000000333	AGF STEEL NL INCORPORATED	C0806013	WORKS AND SERVICES (NR)	NR	CAD	23,337.85	1.00	23,337.85	0.00	0.00	0.00	30-11-2014	23,337.85	23,337.85	23,337.85	23,337.85	30-11-2014	M00010428			E300001	10740	62500002	Barreto Francisco	CAD	0.00	13-12-2014	
E30003782	20	0	30-11-2014	000000333	AGF STEEL NL INCORPORATED	C0806013	WORKS AND SERVICES (NR)	NR	CAD	45,063.00	1.00	45,063.00	0.00	0.00	0.00	30-11-2014	45,063.00	45,063.00	45,063.00	45,063.00	30-11-2014	M00010429			E300001	10740	62500002	Barreto Francisco	CAD	0.00	13-12-2014	
E30003783	10	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILBF1259	FUEL/WATER SEPARATOR #BF1259	NR	CAD	2.00	16.91	33.82	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	AVAILABLE AT ACKLANDS-GRAINGER
E30003783	20	0	13-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILRS3870	AIR FILTER #RS3870	NR	CAD	2.00	100.63	201.26	0.00	0.00	0.00	19-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	13-12-2014	AVAILABLE AT ACKLANDS-GRAINGER
E30003786	10	0	15-12-2014	000000295	ACKLANDS-GRAINGER INC.	041-00933672	FILEWORK STORAGE CABINET	NR	CAD	5.00	353.52	1,767.60	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	TEN 1470SD
E30003787	10	0	15-12-2014	000000216	NATIONAL SAFETY EQUIPMENT	032-70101054	SPILL KIT PORTABLE OCLANOSORB HEAT SEALED HP (	NR	CAD	120.00	34.95	4,194.00	0.00	0.00	0.00	18-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joshi Pramod	CAD	0.00	15-12-2014	PORTABLE SPILL KIT OSK23
E30003788	10	0	15-12-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	021-71118050	CONSTRUCTION GRADE SHEATHING TAPE 63.5MM X	CAD	CAD	100.00	9.43	943.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	15-12-2014	
E30003788	20	0	15-12-2014	000000579	NORTHERN INDUSTRIAL SUPPLY LTD	021-70706050	UTILITY GRADE TAPE	CAD	CAD	100.00	4.15	415.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	15-12-2014	
E30003789	10	0	15-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	2ZZZ100226	BATTERY 12V #SP40 (DYNABLAST WASHER PRESSUR	NR	CAD	3.00	165.00	495.00	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003789	20	0	15-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	2ZZZ100227	GARDEN HOSE ADAPTOR W/STRAINER #GP100651	NR	CAD	2.00	34.29	68.58	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003789	30	0	15-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	2ZZZ100228	FUEL LINE COUPLER (BLACK PLASTIC)#4072	NR	CAD	2.00	23.47	46.94	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003789	40	0	15-12-2014	000000615	ISLAND HOSE AND FITTINGS LTD	2ZZZ100229	FUEL LINE COUPLER (BRASS)# 4071	NR	CAD	2.00	26.35	52.70	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003790	10	0	15-12-2014	000000209	CAPITAL CRANE	C0805012	REPAIR SERVICE	NR	CAD	10.00	110.00	1,100.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CR015	62310002	LEGROW DERRICK	CAD	0.00	15-12-2014	MECHANIC REQUIRED TO REMOVE AND REPLACE
E30003790	20	0	15-12-2014	000000209	CAPITAL CRANE	C0805012	REPAIR SERVICE	NR	CAD	9.00	65.00	585.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CR015	62310002	LEGROW DERRICK	CAD	0.00	15-12-2014	COST OF SERVICE TRUCK PER HOUR
E30003790	30	0	15-12-2014	000000209	CAPITAL CRANE	C0805012	REPAIR SERVICE	CAD	CAD	2.00	2,915.90	5,831.80	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CR015	62310002	LEGROW DERRICK	CAD	0.00	15-12-2014	DEF. PUMP UNIT. W/O 1496
E30003792	10	0	15-12-2014	000000305	KONECRANES CANADA INCORPORATED	C0806013	WORKS AND SERVICES (NR)	NR	CAD	13.00	1,500.00	19,500.00	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62500002	Joanne Stirling	CAD	0.00	16-12-2014	KONE CRANE TECHNICIAN TO ARRIVE ON SITE
E30003793	10	0	15-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILBF1293SPS	FUEL/WATER SEPARATOR #BF1293SPS	NR	CAD	12.00	33.54	402.48	0.00	0.00	0.00	27-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	AGGREKO POWER GENERATORS
E30003793	20	0	15-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILRS4993	AIR FILTER #RS4993	NR	CAD	6.00	64.43	386.58	0.00	0.00	0.00	27-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	AGGREKO POWER GENERATORS
E30003794	10	0	15-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILBF1259	FUEL/WATER SEPARATOR #BF1259	NR	CAD	6.00	16.91	101.46	0.00	0.00	0.00	23-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	AGGREKO POWER GENERATORS
E30003794	20	0	15-12-2014	000000295	ACKLANDS-GRAINGER INC.	2FILRS3870	AIR FILTER #RS3870	NR	CAD	6.00	100.63	603.78	0.00	0.00	0.00	23-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	AGGREKO POWER GENERATORS
E30003795	10	0	15-12-2014	000000209	CAPITAL CRANE	C0805012	REPAIR SERVICE	NR	CAD	1.50	165.00	247.50	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CR015	62310002	LEGROW DERRICK	CAD	0.00	15-12-2014	REQUEST IS FOR PAYMENT OF
E30003795	20	0	15-12-2014	000000209	CAPITAL CRANE	C0805012	REPAIR SERVICE	NR	CAD	1.50	65.00	97.50	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CR015	62310002	LEGROW DERRICK	CAD	0.00	15-12-2014	TO COVER THE COST OF SERVICE TRUCK.
E30003796	10	0	15-12-2014	000000306	POMPACTION INCORPORATED	C0806013	WORKS AND SERVICES (NR)	NR	CAD	1.00	13,749.59	13,749.59	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	ACMF1434-001	62500002	Joanne Stirling	CAD	0.00	15-12-2014	PAYMENT OF ATTACHED POMPACTION INVOICE P
E30003797	10	0	15-12-2014	000000172	LABRADORIAN PRINTERS LTD	041-02720802	HAZARD ID/NEAR MISS BOOKLET (GLUED B&W)	CAD	CAD	1.00	427.80	427.80	0.00	0.00	0.00	15-12-2014	1.00	427.80	0.00	0.00	10-01-2015	M00011004	3012	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	15-12-2014	REQUEST IS FOR 100 EACH (50 PAGE) BOOKLE
E30003797	20	0	15-12-2014	000000172	LABRADORIAN PRINTERS LTD	041-02720803	OBSERVATION CARD (CARDSTOCK DOUBLE-SIDE B&	NR	CAD	10,000.00	0.17	1,799.00	0.00	0.00	0.00	15-12-2014	10,000.00	1,799.00	0.00	0.00	10-01-2015	M00011004	3012	E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	15-12-2014	AS PER THE ATTACHED (LABRADORIAN PRINTER
E30003798	10	0	15-12-2014	000000680	MEALY MOUNTAIN CONTRACTING LTD	007-80101116	METAL STRIP 24 GAUGE 2" X 96"	NR	CAD	200.00	3.84	768.00	0.00	0.00	0.00	15-12-2014	200.00	768.00	200.00	768.00	15-12-2014	M00010794	INV 2681	E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	AS PER THE ATTACHED.
E30003799	10	0	15-12-2014	000000339	RIDEOUT TOOL & MACHINE INC	390-30050301	FLUKE 62 MAX INFRARED THERMOMETER	NR	CAD	2.00	259.00	518.00	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	INCLUDING CALIBRATION CERTS
E30003800	10	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070023	CENTRAL CONVEYOR #15-07-0023	NR	CAD	1.00	952.00	952.00	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	20	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070018	CHAIN ASSEMBLY #15-07-0018	NR	CAD	1.00	335.00	335.00	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	30	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070023P	CHAIN PL88K #15-07-0023P	FT	CAD	20.00	11.25	225.00	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	40	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070018P	CHAIN PL667X #15-07-0018P	FT	CAD	20.00	10.65	213.00	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	50	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070024	CHAIN PL88K CONNECTING LINK #15-07-0024	FT	CAD	12.00	11.80	141.60	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	60	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070017	CHAIN PL667X CONNECTING LINK #15-07-0017	FT	CAD	12.00	10.50	126.00	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	70	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FREKC5016	SPROCKET COUPLING KIT #KC-5016	NR	CAD	2.00	76.90	153.80	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	80	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070005	6-TOOTH CAST SPROCKET #15-07-0005	NR	CAD	2.00	31.50	63.00	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	90	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070033	8-TOOTH CAST SPROCKET #15-07-0033	NR	CAD	2.00	39.85	79.70	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	100	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070010	2-HOLE FLANGE UNIT #15-07-0010	NR	CAD	2.00	16.95	33.90	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	110	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070011	2-HOLE FLANGE UNIT #15-07-0011	NR	CAD	2.00	22.50	45.00	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	120	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070039	4-HOLE FLANGE UNIT #15-07-0039	NR	CAD	2.00	33.90	67.80	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	130	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070047	1-INCH SHAFT TAKE-UP BEARING #15-07-0047	NR	CAD	2.00	33.95	67.90	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	140	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070046	1-3/4" INCH SHAFT TAKE-UP BEARING #15-07-0046	NR	CAD	2.00	44.95	89.90	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	150	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15070054	1-INCH BEARING #15-07-0054	NR	CAD	4.00	13.95	55.80	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	160	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE7H0023	5A SHAFT #7-H-0023	NR	CAD	1.00	126.85	126.85	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	170	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE7H0024	5B SHAFT #7-H-0024	NR	CAD	1.00	41.90	41.90	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	180	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE7H0036	5C SHAFT #7-H-0036	NR	CAD	1.00	161.50	161.50	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	190	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE7H0035	5D SHAFT #7-H-0035	NR	CAD	1.00	66.90	66.90	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003800	200	0	15-12-2014	000000272	VALLEY RENTALS & SALES LTD	2FRE15040165	SPINNER WITH MOTOR #15-04-0165	NR	CAD	1.00	685.80	685.80	0.00	0.00	0.00	07-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	
E30003801	10	0	15-12-2014	000000209	CAPITAL CRANE	R112069	RENTAL MISCELLANEOUS EQUIPMENT	DAY	CAD	30.00	1,920.00	57,600.00	0.00	0.00	0.00	15-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300001	10740	62400001	LEGROW DERRICK	CAD	0.00	15-12-2014	REQUEST IS TO EXTEND RENTAL PERIOD FOR
E30003802	10	0	15-12-2014	000000295	ACKLANDS-GRAINGER INC.	032-50000402	RUBBER FLOOR (ENTRANCE) MAT	CAD	CAD	25.00	99.81	2,495.25	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	15-12-2014	DIMENSIONS 32" X 39" AS PER THE ATTACHED
E30003802	20	0	15-12-2014	000000295	ACKLANDS-GRAINGER INC.	032-50000402	RUBBER FLOOR (ENTRANCE) MAT	CAD	CAD	5.00	160.69	803.45	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	15-12-2014	DIMENSIONS 36" X 72"
E30003802	30	0	15-12-2014	000000295	ACKLANDS-GRAINGER INC.	032-50000402	RUBBER FLOOR (ENTRANCE) MAT	NR	CAD	20.00	57.99	1,159.80	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	15-12-2014	DIMENSIONS 24" X 32" RUBBER
E30003803	10	0	15-12-2014	000000529	Traction 506	2MAA157629	7-WAY SOCKET BREAKER #15-7629	NR	CAD	1.00	38.50	38.50	0.00	0.00	0.00	18-12-2014	1.00	38.50	1.00	38.50	17-12-2014	M00010879	859912-5	E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	MANAC FLATBED 48' 4 AXLES
E30003804	10	0	15-12-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	2ZZZ100194	125A-600V TIME DELAY FUSE LPJ-125SP	NR	CAD	10.00	52.99	529.90	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003804	20	0	15-12-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	2ZZZ100195	2A-600V TIME DELAY FUSE FWQ-R-2	NR	CAD	10.00	12.50	125.00	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003804	30	0	15-12-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	2ZZZ100196	10A-600V TIME DELAY FUSE LP-CC-10	NR	CAD	10.00	10.50	105.00	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003804	40	0	15-12-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	2ZZZ100197	5A-250 TIME DELAY FUSE FWQ-R-2	NR	CAD	5.00	12.50	62.50	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003804	50	0	15-12-2014	000000535	NEWFOUNDLAND DISTRIBUTORS LIMITED	2ZZZ100198	GREEN 120 VOC LED PILOT LIGHT #HW1P-1FQD-G-1	NR	CAD	5.00	19.95	99.75	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	15-12-2014	
E30003805	10	0	15-12-2014	000000655	East Coast Internation Trucks Inc	041-01610025	SOFTWARE SERVICEMAXX LITE #NQ638005	NR	CAD	1.00	1,400.00	1,400.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	15-12-2014	INTERNATIONAL BUSSES
E30003806	10	0	16-12-2014	000000505	PRECISION AUTOMOTIVE INC	C0805012	REPAIR SERVICE	NR	CAD	1.00	325.00	325.00	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969				E300003	CWL676	62310002	Lannon Sean	CAD	0.00	16-12-2014	WORK ORDER 9031
E30003807	10	0	16-12-2014	000000272	VALLEY RENTALS & SALES LTD	380-84040012	WINCH BAR FOR TRAILER #KDN10033	NR	CAD	4.00	23.71	94.84	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	AS PER THE ATTACHED.
E30003807	20	0	16-12-2014	000000272	VALLEY RENTALS & SALES LTD	385-20102077	BINDER CHAIN C/W HOOKS 5/16"X16' #KDN10034-1	NR	CAD	4.00	43.50	174.00	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	AS PER THE ATTACHED.
E30003807	30	0	16-12-2014	000000272	VALLEY RENTALS & SALES LTD	380-84040013	TRAILER PIN PULLER	NR	CAD	4.00	29.80	119.20	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	AS PER THE ATTACHED.
E30003807	40	0	16-12-2014	000000272	VALLEY RENTALS & SALES LTD	385-20102078	RATCHET CHAIN BINDER 5/16"-3/8" #KDN10035	NR	CAD	8.00	33.50	268.00	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	AS PER THE ATTACHED.
E30003807	50	0	16-12-2014	000000272	VALLEY RENTALS & SALES LTD	032-80401134	TRIANGLE TRAFFIC WARNING KIT #GRO71422	NR	CAD	5.00	22.95	114.75	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	AS PER THE ATTACHED.
E30003807	60	0	16-12-2014	000000272	VALLEY RENTALS & SALES LTD	459-61024018	BEACON LIGHT	NR	CAD	4.00	79.95	319.80	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	AS PER THE ATTACHED.
E30003808	10	0	16-12-2014	000000295	ACKLANDS-GRAINGER INC.	022-59670422	HANDLE WOOD FOR BROOM	NR	CAD	20.00	5.63	112.60	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	ATG2465
E30003808	20	0	16-12-2014	000000295	ACKLANDS-GRAINGER INC.	03302190501	DECK (PUSH) BROOM 36" WIDE	NR	CAD	20.00	42.31	846.20	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	TGYHB30C
E30003808	30	0	16-12-2014	000000295	ACKLANDS-GRAINGER INC.	03302190504	SQUEEGEE	NR	CAD	20.00	25.68	513.60	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	16-12-2014	ATG45236

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PO	POS	SEQ.	PO DATE	BP	BP DESCRIPTION	ITEM	ITEM DESCRIPTION	U.M.	CURR.	PO QTY	PRICE	PO AMOUNT	DISCOUNT	BACKORDER QTY	BACKORDER AMOUNT	PLANN.DEL.DATE	RCVD QTY	RCVD AMOUNT	INVOICE QTY	INVOICE AMOUNT	RECEIPT DATE	RECEIPT	PACKING SLIP	WH	PROJECT	ACTIVITY	GL ACCOUN	BUYER	LOCAL CURR.	PAID AMOUNT	CREATION DATE	LINE TEXT
E30003809	10	0	16-12-2014	0000007	RAPICON INCORPORATED	2FOTX8143976	SLEWING MOTOR C/W BRAKE #X-81439-76	NR	USD	1.00	8,142.00	8,142.00	0.00	0.00	0.00	09-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	16-12-2014	POTAIN TOWER CRANE
E30003810	10	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10330001	FIRE RESISTANT COVERALLS SIZE S	CAD	CAD	2.00	79.95	159.90	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	20	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10330002	FIRE RESISTANT COVERALLS SIZE M	CAD	CAD	12.00	79.95	959.40	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	30	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10330003	FIRE RESISTANT COVERALLS SIZE L	CAD	CAD	12.00	79.95	959.40	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	40	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10330004	FIRE RESISTANT COVERALLS SIZE XL	CAD	CAD	24.00	79.95	1,918.80	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	50	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10330005	FIRE RESISTANT COVERALLS SIZE 2XL	CAD	CAD	12.00	79.95	959.40	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	60	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10340001	WINTER FIRE RESISTANT COVERALLS SIZE S	CAD	CAD	2.00	189.95	379.90	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	70	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10340002	WINTER FIRE RESISTANT COVERALLS SIZE M	CAD	CAD	4.00	189.95	759.80	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	80	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10340003	WINTER FIRE RESISTANT COVERALLS SIZE L	CAD	CAD	6.00	189.95	1,139.70	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	90	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10340004	WINTER FIRE RESISTANT COVERALLS SIZE XL	CAD	CAD	6.00	189.95	1,139.70	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003810	100	0	16-12-2014	0000002 16	NATIONAL SAFETY EQUIPMENT	030-10340005	WINTER FIRE RESISTANT COVERALLS SIZE 2XL	CAD	CAD	4.00	189.95	759.80	0.00	0.00	0.00	05-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		LEGROW DERRICK	CAD	0.00	16-12-2014	COVERALLS, ORANGE, NEED TO BE CLASS 2 LE
E30003811	10	0	16-12-2014	0000003 94	PRODUITS & SERVICES DE LA CONSTRUCT	120-06161862	COIL ROD 3/4" X 12	LF	CAD	10,000.00	1.01	10,150.00	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Poole Karla	CAD	0.00	16-12-2014	
E30003811	20	0	16-12-2014	0000003 94	PRODUITS & SERVICES DE LA CONSTRUCT	006891302612	PLATE FOR CLAMPING UPN CHANNEL BOLT M12 DIN	NR	CAD	500.00	2.01	1,006.50	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Poole Karla	CAD	0.00	16-12-2014	
E30003811	30	0	16-12-2014	0000003 94	PRODUITS & SERVICES DE LA CONSTRUCT	012661159O6	VALVE SAFETY SPRING BRASS FREE DISCH PN16 F 3/4	NR	CAD	500.00	2.47	1,235.00	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Poole Karla	CAD	0.00	16-12-2014	
E30003811	40	0	16-12-2014	0000003 94	PRODUITS & SERVICES DE LA CONSTRUCT	023-20112604	3/4"CONES 50mm	NR	CAD	1,000.00	1.13	1,130.00	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Poole Karla	CAD	0.00	16-12-2014	
E30003811	50	0	16-12-2014	0000003 94	PRODUITS & SERVICES DE LA CONSTRUCT	308-04215515	3/4" TYBACK, TYLOOP WITH 50mm COIL LENGTH	NR	CAD	500.00	2.40	1,200.00	0.00	0.00	0.00	16-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Poole Karla	CAD	0.00	16-12-2014	
E30003812	10	0	17-12-2014	0000002 02	BATTLEFIELD EQUIPMENT	2MAGRF3480	BELT #RPF3480	NR	CAD	10.00	54.86	548.60	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	17-12-2014	PART NUMBER:
E30003812	20	0	17-12-2014	0000002 02	BATTLEFIELD EQUIPMENT	2MAGZUCHP900CCA	BATTERY	NR	CAD	5.00	134.65	673.25	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	17-12-2014	PART NUMBER:
E30003812	30	0	17-12-2014	0000002 02	BATTLEFIELD EQUIPMENT	0041502A401	TYRES 225/75R15 4X4 PIRELLI SCORPION A/T	NR	CAD	6.00	178.20	1,069.20	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	17-12-2014	ST225/75R15
E30003812	40	0	17-12-2014	0000002 02	BATTLEFIELD EQUIPMENT	2MAGSK124	SERVICE KIT #SK124	NR	CAD	25.00	80.42	2,010.50	0.00	0.00	0.00	02-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	17-12-2014	ACMF0205-025
E30003813	10	0	17-12-2014	0000002 72	VALLEY RENTALS & SALES LTD	2FREDV25D0363	BENDIX AIR VALVE #DV-2 SD-03-63	NR	CAD	1.00	126.95	126.95	0.00	0.00	0.00	20-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	17-12-2014	FREIGHTLINER
E30003814	10	0	17-12-2014	0000002 95	ACKLANDS-GRAINGER INC.	003-08110226	KLEEN STARTING FLUID 211g #730	NR	CAD	240.00	2.93	703.20	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	17-12-2014	PART NUMBER:
E30003814	20	0	17-12-2014	0000002 95	ACKLANDS-GRAINGER INC.	003-80000398	METHYL HYDRATE (1-GALLON CONTAINER)	NR	CAD	25.00	6.81	170.25	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	17-12-2014	PART NUMBER:
E30003814	30	0	17-12-2014	0000002 95	ACKLANDS-GRAINGER INC.	40902246513	TERMINAL KIT #WSWTK4	NR	CAD	4.00	61.10	244.40	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	17-12-2014	PART NUMBER:
E30003814	40	0	17-12-2014	0000002 95	ACKLANDS-GRAINGER INC.	40902246514	AUTOMOTIVE WIRE 14 GAUGE 2-CONDUCTOR (RED)	NR	CAD	2.00	57.00	114.00	0.00	0.00	0.00	29-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	17-12-2014	PART NUMBER:
E30003815	10	0	17-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTP0041335	BELT 18" X 302' MAIN CONVEYOR TB130 # P0004135	NR	CAD	1.00	8,054.90	8,054.90	0.00	0.00	0.00	31-12-2014	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	17-12-2014	AS PER POMPACTION QUOTATION #PAC-SOQ0232
E30003816	10	0	17-12-2014	0000001 59	LABRADOR OFFICE ESSENTIALS	041-26000001	FILEWORK VERTICAL TYPE (4 DRAWER)	NR	CAD	8.00	385.00	3,080.00	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Joanne Stirling	CAD	0.00	17-12-2014	26401 4 DRAWER LETTER STORAGE
E30003817	10	0	18-12-2014	0000002 78	ATSANIK NITASSINAN SCAFFOLDING LTD	023-04011101	STRAIGHT LADDER TO BE CLAMPED TO ICS COLUMN	M	CAD	620.00	150.00	93,000.00	0.00	0.00	0.00	04-02-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	18-12-2014	
E30003817	20	0	18-12-2014	0000002 78	ATSANIK NITASSINAN SCAFFOLDING LTD	023-04011102	LIFELINE FOR LADDERS WITH CLAMPS	M	CAD	620.00	81.00	50,220.00	0.00	0.00	0.00	04-02-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	18-12-2014	
E30003817	30	0	18-12-2014	0000002 78	ATSANIK NITASSINAN SCAFFOLDING LTD	023-04011104	STEEL COMPONENTS FOR LAMPS BRACKET ICS	KG	CAD	1,400.00	8.20	11,480.00	0.00	0.00	0.00	04-02-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	18-12-2014	
E30003817	40	0	18-12-2014	0000002 78	ATSANIK NITASSINAN SCAFFOLDING LTD	023-04011106	STEEL COMPONENTS FOR PLATFORMS ICS	KG	CAD	12,000.00	7.90	94,800.00	0.00	0.00	0.00	04-02-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	18-12-2014	
E30003817	50	0	18-12-2014	0000002 78	ATSANIK NITASSINAN SCAFFOLDING LTD	023-04011108	STEEL GRATING 32 X 4.8 TYPE 19-4 WITH CLAMPS IC	KG	CAD	2,500.00	8.75	21,875.00	0.00	0.00	0.00	04-02-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	18-12-2014	
E30003817	60	0	18-12-2014	0000002 78	ATSANIK NITASSINAN SCAFFOLDING LTD	023-04011110	FIBERGLASS GRATING 100 SQUARE MESH TYPE 1005	M2	CAD	18.00	685.00	12,330.00	0.00	0.00	0.00	04-02-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Bird, Barbara	CAD	0.00	18-12-2014	
E30003821	10	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTZ61206007	ELBOW	NR	CAD	20.00	369.11	7,382.20	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	20	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTA544178	DELIVERY PIPE	NR	CAD	2.00	152.85	305.70	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	30	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTA544172	DELIVERY PIPE	NR	CAD	8.00	371.10	2,968.80	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	40	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTA544175	DELIVERY PIPE	NR	CAD	2.00	228.44	456.88	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	50	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTA544171	DELIVERY PIPE	NR	CAD	4.00	379.60	1,518.40	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	60	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTA544173	DELIVERY PIPE	NR	CAD	2.00	304.02	608.04	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	70	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTZ62176002	END HOSE	NR	CAD	2.00	1,404.11	2,808.22	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	80	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTA598783	DELIVERY PIPE	NR	CAD	2.00	633.19	1,266.38	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	90	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUT002231000	A	NR	CAD	20.00	4.78	95.60	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003821	100	0	18-12-2014	0000003 06	POMPACTION INCORPORATED	2PUT051602004	C	NR	CAD	28.00	40.05	1,121.40	0.00	0.00	0.00	25-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	18-12-2014	ITEM NUMBER:
E30003822	10	0	19-12-2014	0000005 29	Traction 506	041-01610024	SOFTWARE ACCESSORIES BOSCH 800-444-0470	NR	CAD	1.00	2,064.99	2,064.99	0.00	0.00	0.00	30-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	19-12-2014	SOFTWARE ACCESSORIES FOR TROUBLESHOOTING
E30003823	10	0	19-12-2014	0000003 75	CUMMINS EASTERN CANADA LP	2CUMJ2892292	INLINE ADAPTOR KIT FOR ENGINE	NR	CAD	1.00	1,449.75	1,449.75	0.00	0.00	0.00	06-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Lannon Sean	CAD	0.00	19-12-2014	SUPPORT FOR CUMMINS ENGINES
E30003824	10	0	19-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTP0041735	HOSE END (REUSABLE) 1/2"X1/2" J #P0041735	NR	CAD	4.00	16.81	67.24	0.00	0.00	0.00	30-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	19-12-2014	AS PER POMPACTION QUOTATION #PAC-SOQ0232
E30003824	20	0	19-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTP0021065	FITTING BMI-12MP #P0021065	NR	CAD	2.00	3.18	6.36	0.00	0.00	0.00	30-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	19-12-2014	AS PER POMPACTION QUOTATION #PAC-SOQ0232
E30003824	30	0	19-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTP0042791	FITTING 08MJ-08FJX90 #P0042791	NR	CAD	2.00	6.20	12.40	0.00	0.00	0.00	30-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	19-12-2014	AS PER POMPACTION QUOTATION #PAC-SOQ0232
E30003824	40	0	19-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTP0042792	FITTING BMJ-8MP #P0042792	NR	CAD	2.00	1.87	3.74	0.00	0.00	0.00	30-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	19-12-2014	AS PER POMPACTION QUOTATION #PAC-SOQ0232
E30003824	50	0	19-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTP0021130	TUBE IMERSION HEATER WATER SL #P0021130	NR	CAD	1.00	1,077.86	1,077.86	0.00	0.00	0.00	30-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	19-12-2014	AS PER POMPACTION QUOTATION #PAC-SOQ0232
E30003824	60	0	19-12-2014	0000003 06	POMPACTION INCORPORATED	2PUTP0045302	HOSE DOT106-A1 BULK #P0004530	2	FT	CAD	15.00	4.80	72.00	0.00	0.00	0.00	30-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	E300001	999999999999999		Hillier Vicki	CAD	0.00	19-12-2014	AS PER POMPACTION QUOTATION #PAC-SOQ0232
E30003825	10	0	19-12-2014	0000001 40	WORK GLOBAL CANADA INC.	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	7,810.00	7,810.00	0.00	0.00	0.00	19-12-2014	1.00	7,810.00	1.00	7,810.00	30-11-2014	M00010613		E30001	E300001	10551	62500001	Hiscock Andrew	CAD	0.00	19-12-2014	
E30003826	10	0	19-12-2014	0000002 18	TOSSS SIGNS INC	C0806013	WORKS AND SERVICES (NR)	NR	CAD	22.00	9.75	214.50	0.00	0.00	0.00	14-01-2015	0.00	0.00	0.00	0.00	31-12-1969			E30001	10740	62500002	Lannon Sean	CAD	0.00	07-01-2015	TOSSS SIGNS
E30003827	10	0	19-12-2014	0000005 65	Sherry Contracting & Consulting Inc	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	15,400.00	15,400.00	0.00	0.00	0.00	19-12-2014	1.00	15,400.00	1.00	15,400.00	19-12-2014	M00010630		E30001	E300001	10512	62500001	Hiscock Andrew	CAD	0.00	19-12-2014	
E30003828	10	0	19-12-2014	0000003 82	KNIGHTSBRIDGE ROBERTSON SURRETTE	C0806048	LEGAL SERVICES	NR	CAD	1.00	9,805.00	9,805.00	0.00	0.00	0.00	19-12-2014	1.00	9,805.00	1.00	9,805.00	19-12-2014	M00010631		E30001	E300001	10516	63150003	Hiscock Andrew	CAD	0.00	19-12-2014	
E30003847	10	0	14-12-2014	0000003 92	DENTONS CANADA LLP	C0806021	TECH. & ADMIN. ADVISE (NR)	NR	CAD	1.00	3,217.95	3,217.95	0.00	0.00	0.00	14-12-2014	1.00	3,217.95	1.00	3,217.95	15-12-2014	M00010966		E30001	E300001	0099000	62500001	NOVIN MITRA	CAD	0.00	08-01-2015	

Appendix F: List of Equipment

MUSKRAT FALLS
LOWER CHURCHILL PROJECT

ASTALDI CANADA INC.

Equipment Number	Equipment Description	Make	Model	Serial Number	PLATE	Acqusition Date
ACMF0505-003	EXCAVATOR	CAT	336E	CAT0366EKBMH00188		
ACMF0505-002	EXCAVATOR	CAT	336E	CAT0336EFJH01860		21-Jul-14
ACMF0505-001	EXCAVATOR	CAT	320D	SPN01527		
ACMF0530-002	ARTICULATED TRUCK	JOHN DEERE	370E	1DW370ETCEE658779		
ACMF0530-001	ARTICULATED TRUCK	JOHN DEERE	370E	1DW370ETCEE658532		
ACMF0525-001	DOZER	CAT	D6T XL	GMK00305		16-Nov-14
ACMF0540-003	GRADER	CAT	140M	CAT0140MVB9D03504	XAP 210	27-Nov-14
ACMF0540-002	GRADER	CAT	140M	CAT0140MAB9D02628	XAN 900	27-Nov-14
ACMF0540-001	GRADER	CAT	140M	B9D03874		
ACMF0504-001	MINI-HOE	CAT	304E	CAT0304EJTTN01973		
ACMF0532-003	WHEEL LOADER	CAT	980K	CAT0980KKW7K02178		22-Jul-14
ACMF0532-004	WHEEL LOADER	CAT	966M	CAT0966MEKJP00515		2-Aug-14
ACMF0532-002	WHEEL LOADER	CAT	966K	TFS01061		1-Aug-14
ACMF0532-001	WHEEL LOADER	CAT	950H	K5K00805		10-Mar-14
ACMF0532-005	WHEEL LOADER	JOHN DEERE	624J	DW624JP602134	XAP 201	27-Nov-14
ACMF0537-001	SKIDSTEER	CAT	289D	CAT0289DHTAW02127		27-Nov-04
ACMF0537-002	SKIDSTEER	CAT	289D	CAT0289DJTAW02136		
ACMF0537-003	SKIDSTEER	CAT	289D	CAT0289DHTAW02130		
ACMF0536-001	BACKHOE	JOHN DEERE	310SJ	1FVHC3BS9DHBR6867		5-May-14
ACMF1142-005	TELEHANDLER	CAT	TL642C	THG00993		
ACMF1142-002	TELEHANDLER	CAT	TL642C	THG00480		
ACMF1142-001	TELEHANDLER	CAT	TL642C	THG00556		
ACMF1142-004	TELEHANDLER	CAT	TH514C	MWC00381		
ACMF1142-003	TELEHANDLER	CAT	TH514C	MWC00382		
ACMF1101-003	CRANE	TEREX	Rt780	1T9RT700CCW161175		
ACMF1101-002	CRANE	TEREX	Rt780	1T9RT704VDW161417		
ACMF1101-001	CRANE	TEREX	Rt780	1T9RT704VDW161357		
ACMF1101-004	CRANE	TEREX	Rt 555-2	1T9RT704VDW161604		
ACMF1104-003	BOOM TRUCK	FREIGHTLINER	M2106	1FVHC3BS9DHBR6867		
ACMF1104-002	BOOM TRUCK	FREIGHTLINER	M2106	1FVHC3BS8DDBW6170		
ACMF1104-001	BOOM TRUCK	FREIGHTLINER	108SD	1FVHCG5BS8DHFA9922		
ACMF1105-001	CRAWLER CRANE 220 TONS	MANITOWOC	14000	14001109		
ACMF5541-002	ROCK DRILL	ATLAS COPCO	T30	AV014a1055		
ACMF5541-001	ROCK DRILL	ATLAS COPCO	T30	AV013a1165		
ACMF0302-002	AIR COMPRESSOR	ATLAS COPCO	XATS 750 JD7IT4	H0P081127		
ACMF0302-001	AIR COMPRESSOR	ATLAS COPCO	XATS 750 JD7IT4	H0P081086		20-Mar-14
ACMF0302-004	AIR COMPRESSOR	SULLAIR	185	2.01404E+11		
ACMF0302-003	AIR COMPRESSOR	SULLAIR	185	2.01404E+11		25-Jul-14
ACMF1143-004	ARTICOLATED BOOM LIFT	JLG	600 AJ	300183143		
ACMF1143-003	ARTICOLATED BOOM LIFT	JLG	600 AJ	300183141		
ACMF1143-002	ARTICOLATED BOOM LIFT	JLG	600 AJ	300183140		
ACMF1143-001	ARTICOLATED BOOM LIFT	JLG	600 AJ	300183145		
ACMF0205-012	POWER GENERATOR 400KVA	MAGNUM	MMG405	1170438 / 1031189		6-Jun-14
ACMF0205-013	POWER GENERATOR 400KVA	MAGNUM	MMG405	1169679 / 1031190		6-Jun-14
ACMF0205-044	POWER GENERATOR 320KVA	MAGNUM	MMG320	1413233		
ACMF0205-043	POWER GENERATOR 320KVA	MAGNUM	MMG320	1413234		
ACMF0205-040	POWER GENERATOR 320KVA	MAGNUM	MMG320	1413984		4-Dec-14
ACMF0205-039	POWER GENERATOR 320KVA	MAGNUM	MMG320	1413983		4-Dec-14
ACMF0205-023	POWER GENERATOR 150KVA	MAGNUM	MMG150D	1313855		6-Nov-14
ACMF0205-022	POWER GENERATOR 150KVA	MAGNUM	MMG150D	1400490		6-Nov-14
ACMF0205-021	POWER GENERATOR 150KVA	MAGNUM	MMG150D	1408431		6-Nov-14
ACMF0205-020	POWER GENERATOR 150KVA	MAGNUM	MMG150D	1408430		5-Nov-14
ACMF0205-019	POWER GENERATOR 150KVA	MAGNUM	MMG150D	1313854		5-Nov-14
ACMF0205-018	POWER GENERATOR 150KVA	MAGNUM	MMG150D	1313853		5-Nov-14
ACMF0205-011	POWER GENERATOR 75KVA	MAGNUM	MMG75	1401113		30-May-14
ACMF0205-010	POWER GENERATOR 75KVA	MAGNUM	MMG75	1400291		30-May-14
ACMF0205-009	POWER GENERATOR 75KVA	MAGNUM	MMG75	1313380		30-May-14
ACMF0205-008	POWER GENERATOR 75KVA	MAGNUM	MMG75	1313379		30-Apr-14
ACMF0205-050	POWER GENERATOR 45KVA	MAGNUM	MMG45	1414726		17-Dec-14
ACMF0205-049	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413731		17-Dec-14
ACMF0205-048	POWER GENERATOR 45KVA	MAGNUM	MMG45	1414725		17-Dec-14
ACMF0205-047	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413254		17-Dec-14
ACMF0205-046	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413255		17-Dec-14
ACMF0205-045	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413248		17-Dec-14
ACMF0205-042	POWER GENERATOR 45KVA	MAGNUM	MMG45	1408054		9-Dec-14
ACMF0205-041	POWER GENERATOR 45KVA	MAGNUM	MMG45	1411991		9-Dec-14
ACMF0205-038	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413258		6-Dec-14
ACMF0205-037	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413249		6-Dec-14
ACMF0205-036	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413260		6-Dec-14
ACMF0205-035	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413730		6-Dec-14
ACMF0205-034	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413261		6-Dec-14
ACMF0205-032	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413259		5-Dec-14

Equipment Number	Equipment Description	Make	Model	Serial Number	PLATE	Acqusition Date
ACMF0205-031	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413250		2-Dec-14
ACMF0205-030	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413252		2-Dec-14
ACMF0205-029	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413256		2-Dec-14
ACMF0205-028	POWER GENERATOR 45KVA	MAGNUM	MMG45	1413253		2-Dec-14
ACMF0205-027	POWER GENERATOR 45KVA	MAGNUM	MMG45	1411990		13-Nov-12
ACMF0205-026	POWER GENERATOR 45KVA	MAGNUM	MMG45	1408904		13-Nov-14
ACMF0205-025	POWER GENERATOR 45KVA	MAGNUM	MMG45	1408903		13-Nov-12
ACMF0205-024	POWER GENERATOR 45KVA	MAGNUM	MMG45	1411989		13-Nov-14
ACMF0205-003	POWER GENERATOR 150KVA	WACKER NEUSON	G150	20178323		20-Apr-14
ACMF0205-002	POWER GENERATOR 150KVA	WACKER NEUSON	G150	20178321		19-Apr-14
ACMF0205-001	POWER GENERATOR 150KVA	WACKER NEUSON	G150	20210945		16-Apr-14
ACMF0205-017	POWER GENERATOR 25KVA	WACKER NEUSON	G25	20194382		17-Oct-14
ACMF0205-016	POWER GENERATOR 25KVA	WACKER NEUSON	G25	20192905		17-Oct-14
ACMF0205-015	POWER GENERATOR 25KVA	WACKER NEUSON	G25	20192907		17-Oct-14
ACMF0205-005	POWER GENERATOR 1000KVA	CATERPILLAR	C32	JSJ02296		9-May-14
ACMF0205-004	POWER GENERATOR 1000KVA	CATERPILLAR	C32	JSJ02295		29-Apr-14
ACMF0205-051	POWER GENERATOR 1000KVA	CATERPILLAR	C32	CAT00C32EJAZ01406		
ACMF0205-052	POWER GENERATOR 1000KVA	CATERPILLAR	C32	CAT00C32CJAZ01561		
ACMF0205-007	POWER GENERATOR 500 KVA	CATERPILLAR	C 15	G6B19837		30-May-14
ACMF0205-006	POWER GENERATOR 500 KVA	CATERPILLAR	C 15	G6B20585		23-May-14
ACMF0205-014	POWER GENERATOR 570KVA	IR/DOOSAN	G570	1214325 / 426419UEVD78		16-Jul-14
ACMF1434-001	TRUCK CONCRETE PUMP	PUTZMEISTER	BSF47Z.16H	20194382		
ACMF1434-002	TRUCK CONCRETE PUMP	PUTZMEISTER	BSF38Z.16H	1M2AV04CXFM012020		
ACMF1431-004	CONCRETE PUMP	PUTZMEISTER	BSA2110HP D	210108059		
ACMF1431-003	CONCRETE PUMP	PUTZMEISTER	BSA2110HP D	210108313		
ACMF1431-002	CONCRETE PUMP	PUTZMEISTER	BSA2110HP D	210108054		
ACMF1431-001	CONCRETE PUMP	PUTZMEISTER	BSA2110HP D	210108152		
ACMF1436-001	TELEBELT	PUTZMEISTER	TB130	390600601		
ACMF1433-005	PLACING BOOMS	PUTZMEISTER	MXR242Z-150	680600110		
ACMF1433-004	PLACING BOOMS	PUTZMEISTER	MXR242Z-150	680600107		
ACMF1433-003	PLACING BOOMS	PUTZMEISTER	MXR242Z-150	680600109		
ACMF1433-002	PLACING BOOMS	PUTZMEISTER	MXR242Z-150	680600108		
ACMF1433-001	PLACING BOOMS	PUTZMEISTER	MXR242Z-150	680600106		
ACMF0605-008	TRUCK/SAND/SNOW	FREIGHTLINER	SD SD4	1FVHG3DV3EHFK6886	CWH 238	27-Nov-14
ACMF0605-007	WATER TRUCK	STERLING	STELT8	2FZHAWDJ86AW58008	CWN 375	27-Nov-14
ACMF0605-006	WATER TRUCK	STERLING	STELT8	2FZHAWDJ76AW58016	CWN 377	27-Nov-14
ACMF0605-005	WATER TRUCK	STERLING		2FZHAWDJ66AW58010		29-Jul-14
ACMF0605-004	WATER TRUCK	INTERNATIONAL	4500 6x4	1HTMSADR95J039264		28-Jul-14
ACMF0605-001	ELECTRICAL WORK TRUCK	INTERNATIONAL	4300 SBA-4X2	1HTMMAAR45H107380		30-Mar-14
ACMF0605-003	FUEL TRUCK	VOLVO	16.000 Litres	4V5KC9EFX8N494237		
ACMF0605-002	FUEL TRUCK	STIRLING	ACTERRA	2FZHCHBS49AAB9015		12-Apr-14
ACMF0607-001	SERVICE TRUCK	PETERBILT	PB337	2NP2HJ7X5EM238133		
ACMF0603-018	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP2CB460994		
ACMF0603-017	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP1CB461005		
ACMF0603-016	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP7CB461011		
ACMF0603-015	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKPBCB461002		
ACMF0603-014	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKPXCB461004		
ACMF0603-013	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKPOCB460993		
ACMF0603-012	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP4BB254932		
ACMF0603-011	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP7BB254911		
ACMF0603-010	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP4BB256454		
ACMF0603-009	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP0BB256340		
ACMF0603-008	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP6BB256455		
ACMF0603-007	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKPXBB262064		
ACMF0603-006	BUS 71 SEAT	INTERNATIONAL	PB10500	4DRBUSKP8BB256456		
ACMF0603-002	BUS 40 SEAT	INTERNATIONAL	PB10500	4DRBUSKP6CB623971		
ACMF0603-001	BUS 40 SEAT	INTERNATIONAL	PB10500	4DRBUSKP7CB623963		
ACMF0603-004	BUS 25 SEAT	FORD	E450	1FDFE4FS4CDA67513		
ACMF0603-003	BUS 25 SEAT	FORD	E450	1FDFE4FS4CDA66488		
ACMF0603-005	13 PASSENGER BUS	FORD	E350	1FDWE3F6BDA29959		
ACMF0608-002	TRACTOR TRAILER	MACK	GU813	1M1AX16Y6FM027871		20-May-14
ACMF0608-001	TRACTOR TRAILER	MACK	GU813	1M1AX16Y4FM027870		4-May-14
ACMF0206-012	LIGHT TOWER PORTABLE	MAGNUM	MLT4150-01	1401934		
ACMF0206-011	LIGHT TOWER PORTABLE	MAGNUM	MLT4150-01	1401933		
ACMF0206-010	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401915		
ACMF0206-009	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401918		
ACMF0206-008	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401919		
ACMF0206-007	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401923		
ACMF0206-006	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401917		
ACMF0206-005	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401916		
ACMF0206-004	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401914		
ACMF0206-003	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401922		
ACMF0206-002	LIGHT TOWER PORTABLE	MAGNUM	MLT4080K	1401920		
ACMF0206-001	LIGHT TOWER PORTABLE	MAGNUM		1401921		
ACMF0206-022	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	1112404		7-Nov-14
ACMF0206-021	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	1103118		7-Nov-14
ACMF0206-020	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	1103117		7-Nov-14
ACMF0206-019	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	903822		7-Nov-14
ACMF0206-018	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	902382		7-Nov-14
ACMF0206-017	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	902354		7-Nov-14
ACMF0206-016	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	1110396		7-Nov-14
ACMF0206-015	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	1113655		7-Nov-14
ACMF0206-014	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	1113577		7-Nov-14
ACMF0206-013	LIGHT TOWER PORTABLE	MAGNUM	MLT3060	1103119		7-Nov-14

Equipment Number	Equipment Description	Make	Model	Serial Number	PLATE	Acqusition Date
ACMF2001-006	WELDER GENERATOR	MILLER	BIG BLUE 500	MD350167E		
ACMF2001-005	WELDER GENERATOR	MILLER	BIG BLUE 500	ME080095E		
ACMF2001-004	WELDER GENERATOR	MILLER	BIG BLUE 500	ME080099E		
ACMF2001-003	WELDER GENERATOR	MILLER	BIG BLUE 500	ME080100E		
ACMF2001-002	WELDER GENERATOR	MILLER	BIG BLUE 500	ME080097E		
ACMF2001-001	WELDER GENERATOR	MILLER	BIG BLUE 500	ME080101E		
ACMF1314-002	T80 CRUSHER	VSI 80	USJ TURBO			
ACMF1314-001	CONE CRUSHER	CST CAT	CST-D-AD2 791			
ACMF1310-001	JAW CRUSHER	CRUSHER	JXT-F-AD2790	FRAME S/N EZ25714		
ACMF1325-002	SANDVIK SCALPER	SANDVIK	QE440	1886SW11179		
ACMF1325-001	SCREEN AGGREGATE	TEREX	TSH 8203-38	TRX58203TDUDE1616		
ACMF6100-001	ELECTRIC FORKLIFT	CROWN	RR5715-35	1A408008		
ACMF1246-131	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244643		11-Dec-14
ACMF1246-108	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244655		
ACMF1246-107	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244648		
ACMF1246-106	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244657		
ACMF1246-105	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244658		
ACMF1246-104	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244646		
ACMF1246-103	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244640		
ACMF1246-102	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244656		
ACMF1246-101	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244644		
ACMF1246-100	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244647		
ACMF1246-099	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244653		
ACMF1246-098	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244645		
ACMF1246-097	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20237850		
ACMF1246-096	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244654		
ACMF1246-095	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244641		
ACMF1246-094	FLAMELESS HEATER	WACKER NEUSON	HIF-1200	20244642		
ACMF1246-135	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900D	20044731		11-Dec-14
ACMF1246-134	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900D	20106006		11-Dec-14
ACMF1246-133	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900D	20092287		11-Dec-14
ACMF1246-132	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900D	20107138		11-Dec-14
ACMF1246-118	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20037199		
ACMF1246-117	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20037195		
ACMF1246-116	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20106005		
ACMF1246-115	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20098519		
ACMF1246-114	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20037197		
ACMF1246-113	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20037194		
ACMF1246-112	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20102118		
ACMF1246-111	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20106004		
ACMF1246-110	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20040684		
ACMF1246-109	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20085678		
ACMF1246-093	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20037487		
ACMF1246-092	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20099460		
ACMF1246-091	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20100986		
ACMF1246-090	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20087285		
ACMF1246-089	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20081137		
ACMF1246-088	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20037193		
ACMF1246-087	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20111169		
ACMF1246-086	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20099458		
ACMF1246-082	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20077660		
ACMF1246-081	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20111167		
ACMF1246-080	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20131714		
ACMF1246-079	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20037488		
ACMF1246-078	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20108649		
ACMF1246-077	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20108650		
ACMF1246-076	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20125076		
ACMF1246-075	INDIRECT AIR HEARTERS	WACKER NEUSON	HI 900	20127724		
ACMF1246-130	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452085		
ACMF1246-129	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452072		
ACMF1246-128	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451966		
ACMF1246-127	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452081		
ACMF1246-126	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452086		
ACMF1246-125	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452091		
ACMF1246-122	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201402088		
ACMF1246-121	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452064		
ACMF1246-120	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452069		
ACMF1246-119	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452065		
ACMF1246-069	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451974		
ACMF1246-068	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452070		
ACMF1246-067	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451965		
ACMF1246-066	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452068		
ACMF1246-065	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452073		
ACMF1246-064	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452061		
ACMF1246-063	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452087		
ACMF1246-062	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451970		
ACMF1246-061	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452063		
ACMF1246-060	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452066		
ACMF1246-059	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452071		
ACMF1246-058	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451971		
ACMF1246-057	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451972		
ACMF1246-056	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452090		
ACMF1246-055	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451967		
ACMF1246-054	MOVABLE HEATER	FROST FIGHTER	IDF 500	120145080		
ACMF1246-053	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452095		
ACMF1246-052	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451975		
ACMF1246-051	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201452092		

Equipment Number	Equipment Description	Make	Model	Serial Number	PLATE	Acqusition Date
ACMF1246-050	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451969		
ACMF1246-020	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451805		
ACMF1246-019	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451849		
ACMF1246-018	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451853		
ACMF1246-017	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451858		
ACMF1246-016	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451847		
ACMF1246-015	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451851		
ACMF1246-014	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451846		
ACMF1246-013	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451852		
ACMF1246-012	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451850		
ACMF1246-011	MOVABLE HEATER	FROST FIGHTER	IDF 500	1201451848		
ACMF1246-010	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201364741		
ACMF1246-009	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201364775		
ACMF1246-008	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201364763		
ACMF1246-007	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201364742		
ACMF1246-006	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201363148		
ACMF1246-005	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201364772		
ACMF1246-004	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201363149		
ACMF1246-003	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201364754		
ACMF1246-002	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201364767		
ACMF1246-001	MOVABLE HEATER	FROST FIGHTER	IDF-350-II	1201364771		
ACMF1246-139	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201351655		
ACMF1246-140	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452196		
ACMF1246-141	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201351656		
ACMF1246-142	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452195		
ACMF1246-143	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452184		
ACMF1246-144	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452082		
ACMF1246-145	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452466		
ACMF1246-146	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452186		
ACMF1246-147	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452197		
ACMF1246-148	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452468		
ACMF1246-149	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452467		
ACMF1246-150	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452183		
ACMF1246-151	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452188		
ACMF1246-152	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452465		
ACMF1246-153	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452185		
ACMF1246-154	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201351652		
ACMF1246-155	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452198		
ACMF1246-156	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452144		
ACMF1246-157	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452470		
ACMF1246-158	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201351649		
ACMF1246-159	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452193		
ACMF1246-160	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452192		
ACMF1246-161	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452473		
ACMF1246-162	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201363386		
ACMF1246-163	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201363388		
ACMF1246-164	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452189		
ACMF1246-165	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201363385		
ACMF1246-166	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201363384		
ACMF1246-167	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201363393		
ACMF1246-168	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201363390		
ACMF1246-169	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201363387		
ACMF1246-170	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201364789		
ACMF1246-171	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201351650		
ACMF1246-172	MOVABLE HEATER	FROST FIGHTER	IDF-350	120135164		
ACMF1246-173	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452182		
ACMF1246-174	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452469		
ACMF1246-175	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201465733		
ACMF1246-176	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201364792		
ACMF1246-177	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201351653		
ACMF1246-178	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201452120		
ACMF1246-179	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201364625		
ACMF1246-180	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-181	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-182	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-183	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-184	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-185	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-186	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-187	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-188	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-189	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-190	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-191	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-192	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-193	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-194	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-195	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-196	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-197	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-198	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-199	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-200	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-201	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-202	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-203	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-204	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-205	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-206	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-207	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-208	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-209	MOVABLE HEATER	FROST FIGHTER	IDF-350			
ACMF1246-210	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201465166		

Equipment Number	Equipment Description	Make	Model	Serial Number	PLATE	Acqusition Date
ACMF1246-211	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201465164		
ACMF1246-212	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201465734		
ACMF1246-213	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201465162		
ACMF1246-214	MOVABLE HEATER	FROST FIGHTER	IDF-350	1201465157		
ACMF1246-215	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000712		
ACMF1246-124	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000725		
ACMF1246-123	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000713		
ACMF1246-085	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000733		28-Oct-14
ACMF1246-084	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000710		28-Oct-14
ACMF1246-083	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000105		28-Oct-14
ACMF1246-074	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000708		
ACMF1246-073	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000734		
ACMF1246-072	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000699		
ACMF1246-071	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000721		
ACMF1246-070	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000703		
ACMF1246-030	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000736		
ACMF1246-029	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000709		
ACMF1246-028	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000697		
ACMF1246-027	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000732		
ACMF1246-026	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000731		
ACMF1246-025	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000700		
ACMF1246-024	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000728		
ACMF1246-023	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000720		
ACMF1246-022	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000701		
ACMF1246-021	MOVABLE HEATER	MUNTERS	MIR 55 WV	24000715		
ACMF1246-045	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0781		
ACMF1246-044	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0828		
ACMF1246-043	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0755		
ACMF1246-042	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0785		
ACMF1246-041	ELECTRIC HEATER	PATRON	P 4000 CA	404413-0730		
ACMF1246-040	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0812		
ACMF1246-039	ELECTRIC HEATER	PATRON	P 4000 CA	404413-0723		
ACMF1246-038	ELECTRIC HEATER	PATRON	P 4000 CA	404413-0713		
ACMF1246-037	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0823		
ACMF1246-036	ELECTRIC HEATER	PATRON	P 4000 CA	404413-0711		
ACMF1246-035	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0824		
ACMF1246-034	ELECTRIC HEATER	PATRON	P 4000 CA	404413-0700		
ACMF1246-033	ELECTRIC HEATER	PATRON	P 4000 CA	404413-0710		
ACMF1246-032	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0788		
ACMF1246-031	ELECTRIC HEATER	PATRON	P 4000 CA	404414-0787		
ACMF1246-136	MOVABLE HEATER	SIAL	MIRAGE 180	22015548		11-Dec-14
ACMF1246-137	MOVABLE HEATER	SIAL	MIRAGE 180	22015525		11-Dec-14
ACMF1246-138	MOVABLE HEATER	SIAL	MIRAGE 180	22015519		11-Dec-14
ACMF0305-004	FIXED AIR COMPRESSOR	ATLAS COPCO	G200-10BAR	APF189912		
ACMF0305-003	FIXED AIR COMPRESSOR	ATLAS COPCO	G200-10BAR	APF189911/T756468007		
ACMF0305-002	FIXED AIR COMPRESSOR	ATLAS COPCO	G200-10BAR	APF189910/T756468006		
ACMF0305-001	FIXED AIR COMPRESSOR	ATLAS COPCO	G200-10bar	APF189909/T756468005		21-Sep-14
ACMF0302-006	FIXED AIR COMPRESSOR	IR	7100C15-V	CBV326193		13-Sep-14
ACMF0302-005	FIXED AIR COMPRESSOR	IR	7100C15-V	CBV326194		
ACMF5302-004	VERTICAL TANK	ATLAS COPCO	1060 GAL	746114		
ACMF5302-003	VERTICAL TANK	ATLAS COPCO	1060 GAL	746113		
ACMF5302-002	VERTICAL TANK	ATLAS COPCO	1060 GAL	746112		
ACMF5302-001	VERTICAL TANK	ATLAS COPCO	1060 GAL	746111		
ACMF	AIR (PNEUMATIC) MANIFOLD	DIXON				
ACMF	AIR (PNEUMATIC) MANIFOLD	DIXON				
ACMF	AIR (PNEUMATIC) MANIFOLD	DIXON				
ACMF2905-003	BASKET LIFT	BOSCARO				
ACMF2905-002	BASKET LIFT	BOSCARO				
ACMF2905-001	BASKET LIFT	BOSCARO				
ACMF6415-033	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088352/ 141976050M		
ACMF6415-032	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088394		
ACMF6415-031	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088393		
ACMF6415-030	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088392		
ACMF6415-029	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088391		
ACMF6415-028	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088390		
ACMF6415-027	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088389		
ACMF6415-026	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088379		
ACMF6415-025	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088373		
ACMF6415-024	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088372		
ACMF6415-023	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088371		
ACMF6415-022	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088370		
ACMF6415-021	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088368		
ACMF6415-020	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088367		
ACMF6415-019	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088366		
ACMF6415-018	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088365		
ACMF6415-017	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088364		
ACMF6415-016	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088363		
ACMF6415-015	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088362		
ACMF6415-014	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088361		
ACMF6415-013	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088360		
ACMF6415-012	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088359		
ACMF6415-011	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088358		
ACMF6415-010	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088357		
ACMF6415-009	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088356		
ACMF6415-008	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088355		
ACMF6415-007	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088354		
ACMF6415-006	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088354		
ACMF6415-005	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088353		

Equipment Number	Equipment Description	Make	Model	Serial Number	PLATE	Acqusition Date
ACMF6415-004	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN088351		
ACMF6415-003	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN0883749		
ACMF6415-002	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN0883747		
ACMF6415-001	ELECTRIC CEMENT VIBRATOR	ATLAS COPCO 115V	SMART 48-56	MHN0883745		
ACMF6415-036	ELECTRIC PENCIL VIBRATOR 115V	DEWALT	DC530KA	15024879318P		
ACMF6415-035	ELECTRIC PENCIL VIBRATOR 115V	DEWALT	DC530KA	15024931575P		
ACMF6415-034	ELECTRIC PENCIL VIBRATOR 115V	DEWALT	DC530KA	15024822986P		
ACMF0634-004	CONCRETE MIXER HOPPER	MAXON	MCIV-13	266		6-Sep-14
ACMF0634-003	CONCRETE MIXER HOPPER	MAXON	MCIV-13	265		6-Sep-14
ACMF0634-002	CONCRETE MIXER HOPPER	MAXON	MCIV-13	264		23-Aug-14
ACMF0634-001	CONCRETE MIXER HOPPER	MAXON	MCIV-13	263		23-Aug-14
ACMF6425-004	CEMENT HOPPER	GAR-BRO	483-RTORO			
ACMF6425-003	CEMENT HOPPER	GAR-BRO	48-RTORO			
ACMF6425-002	CEMENT HOPPER	GAR-BRO	48-RTORO			
ACMF6425-001	CEMENT HOPPER	GAR-BRO	483-RTORO			
ACMF6425-006	CEMENT BUCKET - ALUMINUM	M & B MAG	EDB-30	140630		
ACMF6425-005	CEMENT BUCKET - ALUMINUM	M & B MAG	EDB-30	140629		
ACMF5304-003	PNEUMATIC DEMOLITION HAMMERS	ATLAS COPCO	PMAX	68253072-AC		
ACMF5304-002	PNEUMATIC DEMOLITION HAMMERS	ATLAS COPCO	PMAX	011488-AC		
ACMF5304-001	PNEUMATIC DEMOLITION HAMMERS	ATLAS COPCO	PMAX	010492-AC		
ACMF5304-004	PNEUMATIC DEMOLITION HAMMERS	SULLAIR	866134	68253072		
ACMF1252-014	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14010A13		
ACMF1252-013	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14009A13		
ACMF1252-012	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14008A13		
ACMF1252-011	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14007A13		
ACMF1252-010	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14006A13		
ACMF1252-009	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14005A13		
ACMF1252-008	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14004A13		
ACMF1252-007	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14003A13		
ACMF1252-006	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14002A13		
ACMF1252-005	CEMENT FINISHER	MARSHALLTOWN	46E9NH	J14001A13		
ACMF1252-004	CEMENT FINISHER	MARSHALLTOWN		F13004A13		
ACMF1252-003	CEMENT FINISHER	MARSHALLTOWN		F13003A13		
ACMF1252-002	CEMENT FINISHER	MARSHALLTOWN		F11008A11		
ACMF1252-001	CEMENT FINISHER	MARSHALLTOWN		F11002A11		
ACMF0106-004	ELECTRIC SUBMERGED PUMP 8"	FLYGT	BS-2250.011	1410025		
ACMF0106-003	ELECTRIC SUBMERGED PUMP 8"	FLYGT	BS-2250.011	1410024		
ACMF0106-002	ELECTRIC SUBMERGED PUMP 8"	FLYGT	BS-2250.011	1410023		
ACMF0106-001	ELECTRIC SUBMERGED PUMP 8"	FLYGT	BS-2250.011	1410022		
ACMF0106-017	SUBMERSIBLE PUMP	8" GORMAN RUPP	S12A1-E140 575V/3	1488432		12-Apr-14
ACMF0106-016	SUBMERSIBLE PUMP	8" GORMAN RUPP	S8C1575V3P	1513836		12-Apr-14
ACMF0106-015	SUBMERSIBLE PUMP	8" GORMAN RUPP	S8C1 575W3P	1503260		12-Apr-14
ACMF0106-018	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	22010119550057		
ACMF0106-014	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420014		
ACMF0106-013	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420013		
ACMF0106-012	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420012		
ACMF0106-011	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420011		
ACMF0106-010	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420010		
ACMF0106-009	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420009		
ACMF0106-008	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420008		
ACMF0106-007	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420007		
ACMF0106-006	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420006		
ACMF0106-005	ELECTRIC SUBMERGED PUMP 4"	FLYGT	BS-2660.181	1420005		
ACMF1150-006	RADIAL STACKER CONVEYOR	EAGLE CRUSHER COMP.	36529400	31268		
ACMF1150-005	RADIAL STACKER CONVEYOR	EAGLE CRUSHER COMP.	36529400	31267		
ACMF1150-004	RADIAL STACKER CONVEYOR	EAGLE CRUSHER COMP.	36529400	31261		
ACMF1150-003	RADIAL STACKER CONVEYOR	EAGLE CRUSHER COMP.	36529400	31260		
ACMF1150-002	RADIAL STACKER CONVEYOR	EAGLE CRUSHER COMP.	36529400	31259		
ACMF1150-001	RADIAL STACKER CONVEYOR	EAGLE CRUSHER COMP.	36529400	31258		
ACMF0616-001	FLATBED TRAILER	FOUNTAINE	TAG AXLE	13NE57306E3561090		20-Aug-14
ACMF0615-004	FLATBED 48' 4 AXLES	MANAC	4 AXLES	2M5141465X1056316		25-May-14
ACMF0615-003	FLATBED 48' 4 AXLES	MANAC	4 AXLES	2M514146021085165		24-May-14
ACMF0615-002	FLATBED 48' 4 AXLES	MANAC	10448106	2M5141469Y1073721		13-Apr-14
ACMF0615-001	FLATBED 48' 4 AXLES	MANAC	4 AXLES	2M5141467Y1073720		13-Apr-14
ACMF0615-005	FLATBED 48' 2 AXLES	REITNOUER	2 AXLES	1RNF48A281R007950		24-May-14
ACMF1409-003	GRAVEL COARSE WASHER	TRIO	MAX PE	TCW 3625 542		
ACMF1409-002	GRAVEL COARSE WASHER	TRIO	MAX PE	TCW 3618 331		
ACMF1409-001	GRAVEL COARSE WASHER	TRIO	MAX PE	TCW 3618 333		
ACMF0205-030	GENERATOR 5.0-5.4 KW	HONDA	EB5000XK2C	EAKC1047913		
ACMF0205-029	GENERATOR 5.0-5.4 KW	HONDA	EB5000XK2C	EAKC1047914		
ACMF0205-028	GENERATOR 5.0-5.4 KW	HONDA	EB5000XK2C	EAKC1047886		
ACMF	SNOWBLOWER	YAMAHA	YS1028J	7VY-4700360		
ACMF	SNOWBLOWER	YAMAHA	YS1028J	7VY-4700121		
ACMF	SNOWBLOWER	YAMAHA	YT624EDJ	7RV-3133281		
ACMF	SNOWBLOWER	YAMAHA	YT624EDJ	7RV-3133279		
ACMF	SNOWBLOWER	YAMAHA	YT624E	7RV-1133308		
ACMF	SNOWBLOWER	HONDA	HSS928	SARJ-5005795		
ACMF7001-012	FUEL CUBE	TRANS CUBE	20TCG	A60493550		
ACMF7001-011	FUEL CUBE	TRANS CUBE	20TCG	A60493547		
ACMF7001-010	FUEL CUBE	TRANS CUBE	20TCG	A60493542		
ACMF7001-009	FUEL CUBE	TRANS CUBE	20TCG	A60493541		

Equipment Number	Equipment Description	Make	Model	Serial Number	PLATE	Acqusition Date
ACMF7001-008	FUEL CUBE	TRANS CUBE	20TCG	201739		
ACMF7001-007	FUEL CUBE	TRANS CUBE	20TCG	A60493555		
ACMF7001-006	FUEL CUBE	TRANS CUBE	20TCG	A60493551		
ACMF7001-005	FUEL CUBE	TRANS CUBE	20TCG	A60493539		
ACMF7001-004	FUEL CUBE	TRANS CUBE	20TCG	A60493538		
ACMF7001-003	FUEL CUBE	TRANS CUBE	20TCG	A60493548		
ACMF7001-002	FUEL CUBE	TRANS CUBE	20TCG	A60493537		
ACMF7001-001	FUEL CUBE	TRANS CUBE	20TCG	A60493536		
ACMF	OFFICE TRAILER 10'X30'	ATLANTIA				
ACMF5141-011	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 510		
ACMF5141-010	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 509		
ACMF5141-009	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 508		
ACMF5141-008	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 507		
ACMF5141-007	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 506		
ACMF5141-006	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 505		
ACMF5141-005	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 504		
ACMF5141-004	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 503		
ACMF5141-003	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 502		
ACMF5141-002	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 501		
ACMF5141-001	DISTRIBUTION BOX	PUTZMEISTER	DVH5/2ZX150/6.0130	400 100 500		
ACMF5141-020	PRESSURE WASHER	HONDA	GX-690	150041		
ACMF5141-019	PRESSURE WASHER	HONDA	GX-690			
ACMF5141-018	PRESSURE WASHER	KODIAK	GX G9	150039		
ACMF5141-017	PRESSURE WASHER	DYNABLAST	G5050BG	141745		
ACMF5141-015	PRESSURE WASHER	DYNABLAST	G5050BG	114320		
ACMF5141-014	PRESSURE WASHER	DYNABLAST	G5050BG	141724		
ACMF5141-013	PRESSURE WASHER	DYNABLAST	G5050BG	141746		
ACMF5141-016	PRESSURE WASHER	KARCHER	KX5450R	178422		
ACMF5141-012	PRESSURE WASHER	HONDA/KARCHER	HD3.6/40CH	100222 2508		
ACMF1121-014	BRIDGE CRANE	KONE CRANES	FA1121	2287-11840		
ACMF1121-013	BRIDGE CRANE	KONE CRANES	FA1121	2287-11838		
ACMF1121-012	BRIDGE CRANE	KONE CRANES	FA1121	2287-11839		
ACMF1121-011	BRIDGE CRANE	KONE CRANES	FA1121	2287-11837		
ACMF1121-010	BRIDGE CRANE	KONE CRANES	FA1121	2287-11844		
ACMF1121-009	BRIDGE CRANE	KONE CRANES	FA1121	2287-11843		
ACMF1121-008	BRIDGE CRANE	KONE CRANES	FA1121	2287-11841		
ACMF1121-007	BRIDGE CRANE	KONE CRANES	FA1121	2287-11846		
ACMF1121-006	BRIDGE CRANE	KONE CRANES	FA1121	2287-11839		
ACMF1121-005	BRIDGE CRANE	KONE CRANES	FA1121	2287-11838		
ACMF1121-004	BRIDGE CRANE	KONE CRANES	FA1121	2287-11835		
ACMF1121-003	BRIDGE CRANE	KONE CRANES	FA1121	2287-11836		
ACMF1121-002	BRIDGE CRANE	KONE CRANES	FA1121	2287-11847		
ACMF1121-001	BRIDGE CRANE	KONE CRANES	FA1121	2287-11848		
ACMF7012-001	WATER JETTING SYSTEM	GARDNER DENVER	MODEL 3642	169BA1232EH385187		
ACMF1622-001	MINI GROUT PUMP & MIXER	CHEM GROUT	CG-550P	1412162550P		
ACMF5602-002	TANDEM TRAILER	TOW MASTER	RT-20	45NUP0825EL162587		30-Nov-14
ACMF5602-001	TANDEM TRAILER	TOW MASTER	RT-20	45NUP0827EL162588		30-Nov-14
ACMF0211-001	750 KVA Transformer	REX POWER MAGNETICS	RC750J	D41878		6-Dec-14
ACMF7017-001	FUSION MACHINE	+GF+	414SC	414SCA13002		2-Dec-14

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS

CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Change Request Log
Nalcor To Astaldi

Change Request No.	Rev No.	Description	Linked by	Date of Issue	Date of Response	Submitted Price	Sub-Contractor's Price	Submitted		Nalcor Response date	Accept ?
								Yes	No		
10001	0	Supply and iInstallation of Second Stage Concrete for Hydro-Mechanical Embedded Parts	LTR-072	12-Dec-13	6-Feb-14	$ 15,496,356.34					
10001	1	Revised Scope of Work.		14-Apr-14							
		Additional Information from Andritz			5-Jun-2014	$ 20,362,544.20		5-Jun-14			
		Requested 2 price options for Scaffolding.									
1002	1	Supply and transportation of aggregates to other		30-Apr-14	24-Jun-2014	$ 3,600,000.00	Estimated Price Still To Be Submitted				
1003	0	Bussing/Transportation of Local Workers	LTR-073	26-Jan-14	6-Feb-2014	DECLINED			X		
1004	1	Maintenance of Washcars	LTR-181	17-Mar-14	15-Jul-2014	$ 276,000.00 / Month - 48 Months Total Say $ 13,200,000 [Estimated]				Not Yet Submitted	
1005	0	Revised IFC drawing & Spec as per ECN #1 & #2		05-Feb-14	1-Jul-2014						
1006	0	Provide 3 types of crushed material		11-Feb-14	24-Jun-2014	WITHDRAWN BY CLIENT					
1007	1	Site Construction Power - Additional Drawing		14-Feb-14	7-Mar-2014	$ 986,694.00					
1008	0	Release of hold on the Spillway stoplog blockouts with revised dimensions to the blockouts and associated changes to concrete, rebar, PVC waterstop and misc. embedded metals.	ECN-003, SQY-010, LTR-0193	18-Mar-14	1-Jul-2014	$ [148, 233.18]		2-Jul-14			
1009	0	Estimated quantitiies of required concrete over-break	ECN-004R1	28-May-14	1-Jul-2014						
1010	0	25KV Construction Power Switch Yard Convertor Area.		13-Jul-14		$ 445,776.67					
1011	0	Installation of Fibre Optics		13-Jul-14		$ 260,369.52					
1012	0	Supply and Installation of Cellular Shelter Electrical Work		5-Aug-14		WITHDRAWN BY CLIENT					
1013	0	Revised IFC Drawings Related to Grounding and Exothermic Connections at the Centre Transition Dam and the Spillway	ECN-007	9-Aug-14							
1014	1	ECN-CH0007001-0009 (Copy attached)	ECN-009	23-Aug-14							
1015	0	ECN-CH0007001-0011 (Copy attached)	ECN-011	6-Sep-14							
1016	0	ECN-CH0007001-0012 (Copy attached)	ECN-0012	6-Sep-14							
1017	0	ECN-CH0007001-0010 (Copy attached)	ECN-0010	11-Sep-14							
1018		NOT ISSUED YET									
1019	0	Overbreak In Rock Under The Bottom Pours Of The Separation Wall & Spillway South Pier	SQY-0113	25-Oct-14		$ 210,000.00	Estimated Price Not Yet Submitted				

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS
CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Change Request Log
Astaldi To Nalcor

Change Request No.	Rev No.	Description	Linked by	Date of Issue	Date of Response	Submitted Price	Sub-Contractor's Price	Submitted		Nalcor Response date	Accept ?
								Yes	No		
2001	0	Reference Exhibit 2 - Attachment 1 - Item 2.1 - Mobilisation					NIL				
2002	0	Reference Exhibit 2 - Attachment 1 - Item 2.2 - Site Instruction					NIL				
2003	0	Reference Exhibit 2 - Attachment 1 - Item 2.3 - Contractor Equipment For Indirects					NIL				
2004	0	Reference Exhibit 2 - Attachment 1 - Item 2.4 - Temporary Works					NIL				
2005	0	Reference Exhibit 2 - Attachment 1 - Item 2.5 - Winter Protection					NIL				
2006	0	Reference Exhibit 2 - Attachment 1 - Item 2.6 - Management & Staff					NIL				
2007	0	Reference Exhibit 2 - Attachment 1 - Item 2.6A - Design & Technical Assistance					NIL				
2008	0	Reference Exhibit 2 - Attachment 1 - Item 2.8 - Services					NIL				
2009	0	Reference Exhibit 2 - Attachment 1 - Item 2.10 - Health & Safety Requirements					NIL				
2010		NOT USED					NIL				
2011	0	Reference Exhibit 2 - Attachment 1 - Item 2.11 - Environmental Requirements					NIL				
2012	0	Reference Exhibit 2 - Attachment 1 - Item 2.1 - Mobilisation - Revised Total					NIL				
2013	0	Reference Exhibit 2 - Attachment 1 - Item 2.2 - Site Installation - Revised Total					NIL				
2014	0	Reference Exhibit 2 - Attachment 1 - Item 2.3 - Contractor Equipment For Indirects - Revised Total					NIL				
2015	0	Reference Exhibit 2 - Attachment 1 - Item 2.4 - Temporary Works - Revised Total					NIL				
2016	0	Reference Exhibit 2 - Attachment 1 - Item 2.5 - Winter Protection - Revised Total					NIL				
2017	0	Reference Exhibit 2 - Attachment 1 - Item 2.6 - Management & Staff - Revised Total					NIL				
2018	0	Reference Exhibit 2 - Attachment 1 - Item 2.6A - Design & Technical Assistance - Revised Total					NIL				
2019	0	Reference Exhibit 2 - Attachment 1 - Item 2.8 - Services - Revised Total					NIL				
2020	0	Reference Exhibit 2 - Attachment 1 - Item 2.10 - Health & Safety Requirements - Revised Total					NIL				
2021	0	Revised Exhibit 2 - Attachment 1 - Item 2.11 - Environmental Requirements - Revised Total					NIL				
2022	0	Site Query - SQY-CH00007001-045. Rock Reconstruction Concrete. Following the answer we received on 22.May.2014. Major reconstruction of the rock to the right of lift XXX, disrupt the normal sequence of our work. This non-predictable work such as the installation of anchor rods with injection,formwork, additional details and repeat cleaning surfaces have an impact on the schedule and additional costs.					Non-Labour Component Already Compensated. Labour component estimated to be $ 1.65M yet to be submitted. Time impact still to be established in the range of 5 to 10 days				
2023	0	The Contractor hereby requests modifications and additions of new positions to the Rate Tables for the Contractors Work Force not covered by the Collective Agreement In Exhibit 2 - Appendix F. [SAMPLE DOCUMENTATION ON CHANGE ORDER PROCESS]					NIL				
2024	0	A discovery of explosive materials on site of the work took place again. Down time was recorded on 06, 07 & 21 May 2014. [PRESENTLY UNDER REVIEW}					NIL				

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS

CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Concession Request Log

							COST/ Impact		Schedule Impact		Change Request No.
Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	Yes	No	Yes2	No2	
CON-CH0007-0001	0	Reinforcing Steel	Detailing Of Hooks At The End Of Re-bar Ties	21-Mar-14	11-Apr-14	Approved		X		X	
CON-CH0007-0002	0	Grading Limits Of Fine Aggregate	Grading Limits of Fine Aggregate	27-Mar-14	4-Apr-14	Approved		X		X	
CON-CH0007-0003	0	Reinforcing Steel	The mechanical properties of 400W are higher than 400R	29-Mar-14	9-Apr-14	Approved		X		X	
CON-CH0007-0004	0	Construction of Piers from 1 to 4	Realise The Pour In Two Phases	10-Apr-14	22-Apr-14	Conditional Acceptance		X		X	
CON-CH0007-0005	0	Anchor Dowel Testing Equipment	Make Test by their own	10-May-14	19-May-14	Approval Conditional					
CON-CH0007-0005	1	Anchor Dowel Testing Equipment	Make Test by their own	18-Jun-14	18-Jun-14	Approved					
CON-CH0007-0005		Concrete	The contractor is requesting to use his own expertise on site and brand new	20.05.2014	17.06.2014	Approved Conditional		X		X	
CON-CH0007-0006	0	Specifications of the Over-break Concrete to be Used for Partial	Requesting Subtitution Regarding Specification of the overbreak Concrete for Partial Infilling.	15-May-14	30-May-14	Approved		X		X	
CON-CH0007-0007	0	Updated Pour Sequencing Of The Spillway Base Slab	Updated Pour Sequencing of the Spillway Base Slab	15-May-14	28-May-14	Rejected		X		X	
CON-CH0007-0008	0	Curtain Grouting Works	Curtain Grouting Works	19-May-14	26-May-14	Approved		X		X	
CON-CH0007-0009	0	Spillway Drilling for Rock Anchors	Spillway Drilling for Rock Anchors	21-May-14	27-May-14	Approved		X		X	
CON-CH0007-0010	0	Crushing Plant - Permanent Material For Concrete - 03 30 00 Cast In Place Concrete	The Contract Requires To Produce High Quality Material To Be Incorporated Into The Permanent Work	23-May-14	6/17/2014	Approved Conditional		X			
CON-CH0007-0011	0	Specification for the Production of T-bars	Not Indicated in the Techncial Specification Secton 03 20 00 - Concrete Reinenforcement	27-May-14	2-Jun-14	Approved		X		X	

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS
CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Concession Request Log

Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	COST/ Impact Yes	COST/ Impact No	Schedule Impact Yes2	Schedule Impact No2	Change Request No.
CON-CH0007-0012	0	Rock Dowels for Spillway Baselab	Install the bar In the hole,two speacers will be previously installed to ensure adequate cover. The bar rests at the bottom on the rock; to cover and protect against corrosion in the last 300 mmat the bottom the bar shall be painted with epoxy (slkadur 32 or equivalent) for 400 mm	31-May-14	29-May-14	Approved		X		X	
CON-CH0007-0012	1	Rock Dowels for Spillway Baselab	Rock Dowels for Spillway Baseslab Specification Section #03 60 00 Drilling, Grouting, Rock Drowels and Drainage	26-May-14		Revision 1 sent back to Astaldi, due to a difference in documents Rev 0 and 1.		X		X	
CON-CH0007-0013	0	Power House ICS - Foundation of ICS	Encased in structural concrete ICS foundations	18-Jun-14	17-Jun-14	Approved Conditional		X		X	
CON-CH0007-0014	0	Permanent Material for Concrete	Allow anchor to be placed 200 mm from TOP of baseslab	9-Jun-14	17-Jun-14	Approved		X		X	
CON-CH0007-0015	0	Reduce The Removal for Thick Cross-Section.	We Want To Reduce The Removal Hours Of The Formwork For Thick Cross-Section Concrete From 48 Hours To 36 Hours	24-Jun-14	2-Jul-14	Rejected, provide a technical justification.	X			X	
CON-CH0007-0016	0	North,Centre and South Transition Dam	This request applies to the North Transition Dam In the area were the dam the sloped dam wall changes to a vertical wall. For the fint vertical lift Increase the pour height from Z.4m to 2.85m. North Transition Dam movlng the horizontal construction joint from EL. 36.82 to EL 37.27 See attached sketch 1 and 2 The reason for the moving the horizontal constnlctlon joint Is to allow the Dam Formwork to hang vertically on the wall avoiding any conflIcu with the lower point of the dam formwork bracket and lhe sloped wall.	26-Jun-14	10-Jul-14	Approved Conditional		X		X	

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS
CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Concession Request Log

Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	COST/ Impact Yes	COST/ Impact No	Schedule Impact Yes2	Schedule Impact No2	Change Request No.
CON-CH0007-0017	0	Batch Plant	In Order To Guarantee The Requirement Of The Technical Specifications 03 30 50 Indicated Above, The Contractor Intends To Utilise The First Line Of The New BMH Batch Plant Installed On Area Ci As A Principal Concrete Plant For The Execution Of The First 4 Spillway Slabs. The Plant Will be Calibrated & Certified Before Concrete Operations On Site. The Existing Batch Plant Facility Installed At Area A , which is already calibrated and utilised for the Contractor's Temporary Works & Site Installation, Will Be Used As A Back-Up Unit In Case Of Disruption In Production Of The Principal Concrete Plant In Area C1 AS Soon AS The First Slabs Are Compete, Dismantling Transportation & Re-assembly Of The Existing Batch Plant Will Start From Area A To Area C1 To Completion . Find Attached Batch PLants Erection Programme, Indicating In Detail The Activity Described In This Concession Request,	15-Jul-14	22-Jul-14	Approved Conditional					
CON-CH0007-0018	0	Central Transition Dam - First Pour - Substitute Concrete Class	To Substitute Concrete Class BC-2 With Either Class A2-315Kg For The First Four Pours Of The Central Transition Dam [CTU2A-01, CTU3A-01, & CTU4A-01]. The Same Mix Design Will Also Be Used For The Base Slab At The Spillway.	17-Jul-14	23.July.2014	Approved Conditional - First Lift		X		X	
CON-CH0007-0019	0	Centre Transition Dam -	In The Sketch Attached Is Reported The Solution To Cast The Pour In Two [2] Different Stages: The First Of The Almost Whole Pour & The Second Of The Small Part Containing The Embedded Parts.	15-Jul-14	18-Jul-14	Approved Conditional		X			
CON-CH0007-0020	0	Central Transition Dam	Permanent Material for Concrete	21-Jul-14	23-Jul-14	Approved Conditional		X		X	

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Concession Request Log

							COST/ Impact		Schedule Impact		Change Request No.
Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	Yes	No	Yes2	No2	
Con-CH0007-0021	0	Spillway Base Slab - 3B3-C - As Specified In The General Notes	On Drawing MFA-SN-CD-3300-CV-LS-0002-01_C1, The Cover Required On The Spillway Hydraulic Passage Is 100m. As Outlined In The Documentation Supplied By Survey, The Cover Actually Used Is Too Long. [Please See Attached Survey Documents]. This Is Due To The Fact That The Initial Top-Of-Concrete Measurement Was Incorrect. WE Propose To Leave The Situation As - Is.	24.July.14	29-Jul-14	Approved		X		X	
CON-CH0007-0022	0	Centre Transition Dam - Moving Horizontal Construction Joint	This request applies to the Centre Transiton dam in the area were the sloped dam wall changes to a vertical wall. The first vertical lift will increase the pour height from 2.4m to 3.00m.	26.07.2014	12-Aug-14	Approved Conditional		X		X	
CON-CH0007-0023											
CON-CH0007-0024	0	Formwork Anchoring	Proposal to anchor DOKA formwork to Powerhouse Draft Tubes. Please see attached sketches.	15-Aug-14	25.08.2014	Rejected		X		X	
CON-CH0007-0024	01	Formwork Anchoring	The contractor is proposing to weld steel plates 16mm thick to the outside face of the circular passage liners to support the DOKA formwork. Due to the excessive loads in this area, welding these plates in place will eliminate the need for more expensive formwork.	10.10.2014	17.10.2014	Rejected		X		X	
CON-CH0007-0025	0	Pour in Two Different Stages	In the sketch attached is reported the solution to cast the pour in 2 different stages :the first of the almost whole pour and the second of the small part containing the embedded parts.	31-Jul-14	5-Aug-14	Approved		X			

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Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	COST/ Impact Yes	COST/ Impact No	Schedule Impact Yes2	Schedule Impact No2	Change Request No.
CON-CH0007-0026	0	Reinforcing Steel/Couplers	Refer to attached Sketch-002, Astaldi request to use 25M couplers where ties extend across a lift if there is not enough space to provide sufficient overlap of the reinforcing steel bars. Proposal is to use bar lock coupler (Approved in AGF-MAR-003).	2-Aug-14	12-Aug-14	Approved		X			
CON-CH0007-0027	0	Reinforcing steel/couplers	Request to use T-bars when ties have to enter congested areas.	02.08.2014							
CON-CH0007-0028	0	Overbreak Concrete on Line A	Refer to the attached Sketch for Overbreak Concrete on Line A. Astaldi would like to use the layout shown for the reinforcing steel in the area of the Intake	6-Aug-14	8-Aug-14	Approved Conditional					
CON-CH0007-0028	1	Overbreak Concrete on Line A	Refer to the attached Sketch for Overbreak Concrete on Line A. Astaldi would like to use the layout shown for the reinforcing steel in the area of the Intake	15-08.2014	23.08.2014	Approved Conditional		X			
CON-CH0007-0029	0	Permanent Material for Concrete	Please reference attached Concrete Trial Batch Proportioning and Testing. Contractor is requesting to use concrete mix design 35 440 A2-5. 1LH overbreak concrete in Spillway base slab SWB3B-OO. No foreseen cost or schedule implications	13-Aug.14							
CON-CH0007-0030	0	Alternative solution for removal fractured rock	Alternative solution to removal of fractured rock in monolith 4 of the centre transition dam. Company is requesting to install six 3SM anchors; complete with SIKA 212 grout, 4m deep into rock (refer to picture-001) perpendicular to the shear plane. Drilled holes will be between 60-70mm in diameter.	13-Aug-14		Cancelled					
CON-CH0007-0030	0	Reinforcing Steel	After the pour of concrete of SWB1A, we discussed that the postion of the vertical dowels offset don't allow us to have the right concrete cover in all the sections.	04.10.2014	10.10.2014	Approved				X	

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Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	COST/ Impact Yes	COST/ Impact No	Schedule Impact Yes2	Schedule Impact No2	Change Request No.
CON-CH0007-0030	1	Reinforcing Steel	After the pour of concrete of SWB1A, 2A,3A contractor has discovered that the postion of the verticals dowels offshet don't' allow to hav ethe right concrete cover in all the piers, Zone "A" (for this reason, the U bars near the Gaste Guie door in all the Piers do not fit properly at the installation.	30.10.2014	04.10.2014	Approved		X		X	
CON-CH0007-0031	0	Alternative solution for removal fractured rock	Alternative solution to removal of fractured rock in monolith 4 of the centre transition dam. Contractor is requestingto install six anchors; complete with SIKA 212 grout, 4m deep into rock (refer to picture-001) perpendicular to the shear plane. Site inspection is required to determine location of anchors	14-Aug-14	15.08.2014	Approved		X		X	
CON-CH0007-0032	0	Concrete Mix	With reference to our submission MFA-AT-SD-OOO-CV-H36-0011 -01 be informed that we carried out extra test (LAB-SITE) increasing the cement content to 335Kg. in view of the strength results achieved in similar mix design, we ask your approval to start the permanent concrete works with this A2 (335Kg). Note that the contractor will still investigate this formula in order to optimize the mix proportions. Attached: Mix Recipe for A2 (335 Kg cement Mix) - Testing results for A2 (335 Kg cement Mix) 13-Aug Laboratory Trial - Testing results for A2 (335 Kg cement Mix) 13-Aug Batch Plant #1 Trial	14-Aug-14	15.08.2014	Approved Conditional		X		X	
CON-CH0007-0033	0	Overbreak Concrete	Refer to attached sketch for overbreak concrete on line D. Contractor would like to use the layout shown for the reinforcing steel in the area of the intake.	15-Aug-14	22.08.2014	Approved Conditional		X		X	

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						COST/ Impact		Schedule Impact		Change Request No.
Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	Yes	No	Yes2	No2	
CON-CH0007-0034	0	Waterstops	Regarding the construction of the Spillway Baseslab the Astaldi asks approval for: 1. the waterstop type #732 manufactured by by Sika/Greenstreak as per attached specifications; 2. join by welding the waterstops type #732 and #788 (WSA) accordingly to manufacturer's recommendations	16-Aug-14	18.08.2014	Rejected		X		X	
CON-CH0007-0035	0	Grout Dry Pack	Request to use different production in temporary substitution of dry pack to fill rock open joints in the rock foundation. Refer to Aconex mail NE-LCP-MEMO-007582.	18.08.2014	19.08.2014	Approved		X		X	
CON-CH0007-0036	0	PVC Sleeves for Drilling & Grouting	Concession to drill for pressure grouting operation through the concrete in transiton dams.	20.08.2014	21.08.2014	Approved		X		X	
CON-CH0007-0037	0	Reinforcing steel/Couplers	Request to use Bartec couplers (25M, 30M and 35M) when the standard splices are in conflict with other work equipment.	21.08.2014							
CON-CH0007-0038	0	Reinforcing steel	Use of alternate detail for reinforcing bars.	20.08.2014	21.08.2014	Approved		X		X	
CON-CH0007-0039	0	Concrete	Class of concrete for leveling slab at power house intake.	21.08.2014	28.08.2014	Approved Conditional					
CON-CH0007-0040	0	Concrete	Astaldi request to pour the leveling slab intake Unit 3. To pour this leveling slab we request to use mix design 35 440 A2-5.1	28.08.2014	29.08.2014	Approved Conditional		X			
CON-CH0007-0041	0	Concrete	Pouring of overbreak concrete at the spillway downstream area.	30.08.2014	03.09.2014	Approved Conditional					
CON-CH0007-0042	0	Waterstops Joints	Astaldi requst to prefabricate the waterstips jointson site for the pours I3BSA-00, I3BSA-00 at the Intake unit 3 and I4BSA-00 at the Intake unit 4.	30.08.2014	03.09.2014	Approved Conditional					
CON-CH0007-0043	0	Waterstops Joints	Astaldi request to prefabricate the waterstops joints on site for the spillway piers.	30.08.2014	03.09.2014	Rejected					
CON-CH0007-0045	0	Waterstops Joints	Astaldi request to prefabricate the waterstops joints on site for the pour CTU4A-02 in the Centre Transition Dam.	09.09.2014	09.09.2014						

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							COST/ Impact		Schedule Impact		Change Request No.
Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	Yes	No	Yes2	No2	
CON-CH0007-0046	0	Reinforcing Steel	Please see attached sketches regarding reinforcing steel in the spillway base slab. Details in the areas indicated by arrows are missing.	09.09.2014	02.10.2014	Rejected					
CON-CH0007-0047	0	Concrete mix BC-2(25 440BC2)	Concession to use the concrete mix BC-2 (25440BC2)	24.09.2014	25.09.2014	Approved Conditional					
CON-CH0007-0048	0	Concrete	Pouring separation wall lifts WLW3A-01 and WLW3A-02 with concrete type BC-2 instead of BC-Z-A as for dwg MFA-SN-CD-2360-CV-DD-0007-01	11.10.2014	16.10.2014	Approved		X		X	
CON-CH0007-0049	0	344c-Piezometer and water level system	Regarding the pipes for the "344C-Piezometer and water level system in the draft tube.	11.09.2014							
CON-CH0007-0050	0	Concrete mix A2	Concession to continue with the permanent concrete works using A2 (355kg cement) mix design.	12.09.2014	13.09.2014	Approved Conditional					
CON-CH0007-0051	0	Gate Guide	Spillway Piers - Gate Guide	19.05.2014							
CON-CH0007-0052	0	Concrete mix A2	Concession to continue with the permanent concrete works using A2 (355kg cement) mix design. This concession request is with concern of the next pour planned in the South Transition Dam.	16.09.2014							
CON-CH0007-0053	0	PVC Pipes Sleeves	Regarding the request issued by Field work Order No. FWO-CH0007001-0010 (01-sep-2014) Astaldi request to use for only pour I4BSA-00 (intake 4) pvc sleeve 125mm dia schedule 20 instead of schedule 40 in order to avoid delay in the plan.	17.09.2014	19.09.2014	Approved Conditional					

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Concession Request Log

							COST/ Impact		Schedule Impact		Change Request No.
Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	Yes	No	Yes2	No2	
CON-CH0007-0054	0	Leveling Slab	Astaldi request to pour the leveling slab intake 1, 2, and 4 using the approved A2-5.1 mix design. The following condition requested by Nalcor in the concession request CDN-CH0007-040 will be fullfilled: 1.) Contractor will be responsible to replace any material that does not meet the specified requirements. 2.) Foundaton preparation shall be done as per technical specifications and ITP. 3.) Leveling slab minimum thickness shall be 200 mm but can taper shallower areas. 4.) Infill overbreak area is permitted only up to maximum of design delevation. 5.) Concrete surface preparation is required before next pour (green-cutting). 6.) No additional waterstops required but vertical waterstops must be of the required distance into the rock (ie., completely in the concrete). 7.) Contractor will follow joint alignment between units.	18.09.2014	20.09.2014	Approved Conditional					
CON-CH0007-0055	0	Base Slab Reinforcement Stirrups	Stirrups change	19.09.2014	23.09.2014	Approved		X		X	
CON-CH0007-0056	0	Leveling Slab	Due to the cleaning difficulities encountered due to the weather conditions (rain and winter coming.) Astaldi request to pour the leveling slab at the indicated location using the approved A2-5.1 mix design.	19.09.2014	22.09.2014	Rejected					
CON-CH0007-0056	01	Concrete	Due to the cleaning difficulities encountered due to the weather conditions (rain and winter coming.) Astaldi request to pour the leveling slab at the indicated location using the approved A2-5.1 mix design.	22.09.2014	24.09.2014	Approved Conditional		X		X	
CON-CH0007-0057	0	PVC Sleeves for Drilling	Concession to substitute the 065 PVC sleeves with 0100mm PVC pipe on the intake drainage gallery.	20.09.2014	23.09.2014	Approved Conditional		X		X	
CON-CH0007-0058	0	Reinforcing steel	Clash between ties and formwork.	20.09.2014	24.09.2014	Approved Conditional		X		X	
CON-CH0007-0059	0	C1 Laydown area	The contractor has arranged and extended the north side of the C1 laydown area . The contractor is requesstin to utilize the area as a materials storage area.	19.09.2014	25.09.2014	Approved		X		X	

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							COST/ Impact		Schedule Impact		Change Request No.
Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	Yes	No	Yes2	No2	
CON-CH0007-0061	0	Concrete	Pouring of overbreak concrete at the spillway downstream area.	20.09.2014	23.09.2014	Approved Conditonal		X		X	
CON-CH0007-0062	0	Concrete	Pouring of spillway piers with concrete mix design 35 440 A2-5.1	22.09.2014	23.09.2014	Approved		X		X	
CON-CH0007-0063	0	Concrete	Due to the cleaning difficulities encountered due to the weather conditions (rain and winter coming.) Astaldi request to pour the leveling slab at the indicated location using the approved A2-5.1 mix design.	23.09.2014	30.09.2014	Approved Conditional		X		X	
CON-CH0007-0063	01	Concrete	Due to the cleaning difficulities encountered due to the weather conditions (rain and winter coming.) Astaldi request to pour the leveling slab at the indicated location using the approved A2-5.1 mix design.	14.10.2014	18.10.2014	Approved Conditional		X		X	
CON-CH0007-0064	0	Concrete	Pouring centre transition dam lift CTU3A-01 with concrete type BC-2	13.10.2014	16.10.2014	Approved Conditional		X		X	
CON-CH0007-0065	0	Concrete	The contractor has deteced some clashes in lift D1BNA-00 and propose the resolution for what concern concrete, frameworks, reinforcement.	15.10.2014	23.10.2014	Approved Conditional		X		X	
CON-CH0007-0065	01	Concrete	Clash resolution between ICS column and foundation axis C-6 and draft tube unit 1 lift D1BNA-00	24.11.2014				X		X	
CON-CH0007-0066	0	Concrete	The contractor would like to introduce a new CJ (Construction Joint) in the foundation on the South Service Bay - Slab on the rock area. This will allow for the pouring of the foundation outside the ICS area.	20.10.2014	22.10.2014	Approved Conditional		X		X	
CON-CH0007-0067	0	Concrete	In order to speed up the process and because of the rock profile the lifts WLW5A-01 is very small. The Contractor's purpose is to pour the lifts WLW5A-01 AND WLW5A-02 together.	20.10.2014	22.10.2014	Approved Conditional		X		5 days	
CON-CH0007-0068	0	Embedded Piping	Relocation of embedded piping	22.10.2014							
CON-CH0007-0069	0	Concrete	Use of preliminary accepted (code 02) concrete mix design.	23.10.2014	22.10.2014						
CON-CH0007-0070	0	PVC Embedded Piping	Reference drawings	23.10.2014	22.10.2014						
CON-CH0007-0071	0	Reinforcement	Additional construction joint in spillway piers sector A level 13.	31.10.2014	06.10.2014	Approved Conditional		X		X	
CON-CH0007-0072	0	Concrete	Check nominal coarse aggregate size with batching plant requirements (Group 1)	07.11.2014				X		X	

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Concession Request Log

							COST/ Impact		Schedule Impact		Change Request No.
Reference	Revision	Title	Description	Date of Issue	Date of Response	Status	Yes	No	Yes2	No2	
CON-CH0007-0073	0	Concrete	Clash resolution between ICS column and foundation axis C-6 and draft tube unit 1 lift D1BSA-00	12.11.2014				X		X	
CON-CH0007-0073	1	Concrete	Clash resolution between ICS column and foundation axix C-6 and draft tube unit lift D1BSA-00	13.11.2014				X		X	
CON-CH0007-0074	0	Concrete	Clash resolution between ICS column and foundation axis C-7 and draft tube unit 2 lift D2BSA-00	18.11.2014				X		X	
CON-CH0007-0075	0	Concrete	Consent from the company to occupy additional 305sm for the project control trailer in main office laydown area.	17.11.2014				X		X	
CON-CH0007-0076	0	Concrete	New CJ layout for intake piers - bottom part, downstream - all units	18.11.2014				X		X	
CON-CH0007-0077	0	Concrete	Spillway - North and south piers - resolution proposal of detect clash beween waterstop and reinforcing steel.	18.11.2014	22.11.2014	Approved Conditional		X		X	
CON-CH0007-0078	0	Steel	Spillway - upstream bridge - change steel type.	19.11.2014	26.11.2014	Approved		X		X	
CON-CH0007-0079	0	Concrete	Centre, South and North transition dams - Exit of drainage galleries.	19.11.2014				X		X	
CON-CH0007-0080	0	Concrete	Separation wall - Join lift WLW6A-03 with WLW7A-03 in one	21.11.2014	25.11.2014	Rejected		X		X	
CON-CH0007-0081	0	Steel	Spillway bridges - Equivalent plates imperial unit.	22.11.2014	26.11.2014	Approved Conditional		X		X	
CON-CH0007-0082	0	Concrete	Joining separation wall lifts WLW2A-02	22.11.2014	26.11.2014	Rejected		x		5 DAYS	
CON-CH0007-0083	0	Concrete	Use of concrete mix B-2 concrete mix design for transition structures.	25.11.2014							
CON-CH0007-0084	0	Embedded Piping	Custom Radius Elbows	26.11.2014				X		X	
CON-CH0007-0085	0	Embedded Piping	Pipe testing	25.11.2014				X		X	
CON-CH0007-0086	0	Embedded Piping	45 degree short radius elbow	26.11.2014				X		x	
CON-CH0007-0087	0	Concrete	Move contract oint - south trans. Dam	28.11.2014							cancelled

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Engineering Change Notice

Engineering Change Notice No.	Rev No.	Title	Description	Date of Issue	Status	COST/ Impact		Change Order No.
						Yes	No	
ECN-CH0007-001	0	UPDATE	Update to SOW, Archtectural Technical Spec, Update to Drawings as per TDL	17-Jan-14	CHR 1005			
ECN-CH0007-002	0	Drawings	Isometrics and revised Lighting Drawings	27-Jan-14	CHR 1005			
ECN-CH0007-003	0	Stoplog/ Spillway	Spillway Stoplog Blockout and Waterstop Revisions	10-Mar-14	CHR 1008			
ECN-CH0007-004	1	Over Excavation Civil Drawings	Powerhouse, Transition Dam, Intake	3-Apr-14	CHR 1009			
ECN-CH0007-005	2	Installation of Substations and Construction Power in the vicinity of the Generating Station	Change Order 2, already issued	16-Jun-14	CHR 1002			2
ECN-CH0007-006	0	Update of Package and Reference Drawings	Powerhouse, Embedded, Waterstop, Piping, Electrical	Friday, June 20, 2014	Not Included In Any CHR Issued By Client			
ECN-CH0007-007	0	Issue of new and revised embedded conduit and grounding drawings for CTD and Spillway	Centre Transition Dam and Spillway	7/29/2014	Not Included In Any CHR Issued By Client			
ECN-CH0007-008	0	Spillway, Transition Dams and Seperation Wall - Revised IFC Drawing	Updated Grouding and Embedded	12-Aug-14	Not Included In Any CHR Issued By Client			
ECN-CH0007-009	2	Powerhouse & Intake - Update Of Civil Drawings Following Hydrotechnical Constructability Review	This is Revision # 2 of ECN-CH0007001-0009. The seventy one [71] drawings issued on this revision # 2 are in addition to the forty six [46] drawings issued with revision # 1 on 12.September.2014 & one hundred & thirty five [135] drawings issued with revision # 0 on 22.August.2014.	2-Oct-14	CHR 1014 [2]			
ECN-CH0007-010	0	North Transition Dam - Revised IFC Drawings [Concrete & Reinforcement]	Drawings. Transition Dam - North Transition Dam Revised IFC Drawings [3 Concrete Drawings and 1 Reinforcement Drawing	22-Aug-14	CHR 1017 [0]			
ECN-CH0007-011	0	Spillway & Powerhouse Electrical & Piping Drawings - Revised & New		3-Sep-14	CHR 1015 [0]			
ECN-CH0007-012	0	New Revision Of Technical Specification Section 08 71 00 - Door Hardware	Technical Specification: Revised IFC Technical Specification Section 08 71 00 - Door Hardware [revision of electrical requirements]. Revised Technical Specification Indeex Accounting For Above Point	2-Sep-14	CHR 1016			
ECN-CH0007-013	0	Update Of South Transition Dam Drawings	South Transition Dam Drawings - Revised IFC Drawings - South Transition Dam - Concrete & Reinforcement	16-Sep-14	Not Included In Any CHR Issued By Client			
ECN-CH0007-014	0	Update Of Powerhouse Embedded Piping Drawings	Powerhouse - Embedded Piping ISO - Pump Drainage System [17 Drawings] - Powerhouse - Embedded Pioping ISO - Pump Dewatering System [1 Drawing]	20-Oct-14	Not Included In Any CHR Issued By Client			

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Field Work Order Log

FWO No.	Rev No.	Title	Description	Date of Issue	Date of Response	COST/ Impact Yes	COST/ Impact No	Change Request No.
FWO-CH0007001-0001	0	Daily Inspection	Daily Inspection of the Crown of Cofferdam #1 by Company Personnel	6-Feb-14	22-Feb-14			
FWO-CH0007001-0002	0	Break Ice At Multiple Locations	Provide A Back Hoe To Break The Ice At Various Locations	21-Feb-14	22-Feb-14			
FWO-CH0007001-0003	0	Allow For Water Flow Under The Mackenzie Brook Temporary Bridge	Provide necessary equipment and manpower for snow clearing of access and loading of 6 - 6 meter sections of 2000mm CSP from Red Bay, Labrador	22-Feb-14	22-Feb-14			
FWO-CH0007001-0004	0	Repair Sedimentation Pond # 2	Repair Sedimentation Pond #2	3-May-14	3-May-2014			
FWO-CH0007001-0005	0	Remedial Work On Loose Rock West Side Of Cofferdam # 2	Astaldi is directed to perform remedial work on loose Rock on West Side of Cofferdam #2	5-Jun-14	5-Jun-14			
FWO-CH0007001-0006	0	Remove Loose Rock Blocks From The South Powerhose Wall At Two Different Locations	The Contractor Shall Remove Loose Rock Blocks From The South Powerhouse Wall At Two Different Locations As Shown On The Attached Photographs	6-Jul-14	7-Jul-14			
FWO-CH0007001-0007	0	Disposal Of Old Concrete Test Samples	Provide Labour & Equipment To Move The Concrete Test Cylinders Piled Beside The AMEC Temporary Laboratory To The Designated Concrete Dump Location In Laydown Area C1	10-Jul-14	10-Jul-14			
FWO-CH0007001-0008	0	Contractor Shall Apply Dry Pack On The Rock Surfaces & Over The Open Joints Of Centre Transition Dam Lift CTU2A-01 Marked By Paint & Identified With Marking "DP" See Attached Photographs.	Dry Pack May Be Used To Fill Surface Irregularities & Cavaties, Treating Open Joints, Faults, Shear Of Weak Zones As Stated In Technical Specification	23-Jul-14				
FWO-CH0007001-0009	0	Supply and Install Wooden Shims	Supply and install wooden shims required to slightly change the orientation of the Type 2 Templates as indicated in the attached sketches Shims will cover the full length of the 600mm embedment	1-Aug-14				
FWO-CH0007001-0010	0	Revise The Quantity Of PVC Pipe Sleeves Required At The Centre Of The Transition Dam	Supply & Installation Of PVC Pipe Sleeves In Concrete.	11-Sep-14				

FWO-CH0007001-0011	0	Supply & Installation Of PVC Pipe Sleeves In Concrete. Pipe Sleeves To Be Used In The Future For Installation Of Vibrating Wire Piezometers	Two PVC Pipe Sleeves 125 Diam Schedule 40 At The Spillway As Shown In Sketch: 505573-3241-4JDK-0001. Drilling Of Holes In Rock Foundation, Supply & Installation Of The Piezometers Are Out Of Scope Of This Work.	5-Sep-14				
FWO-CH0007001-0012	0	Reference SIN #0013. Supply & Install Rigid PVC Conduit Pipes Of Nominal Size 63mm (2.5") For Infill / Contact Grouting Later After The Placement Of Cast In Place Concrete Up To EL + 18.50m.	The Collar Of The PVC Pipes Should Be Capped And Stick Up At Least 1.0 Foot / 0.3048m Above EL + 18.50m. The Number Of The PVC Conduit Pipes Required Will Be As Directed By Company Geologist With A Minimum Of 5 Expected.	12-Sep-14				
FWO-CH0007001-0013	0	Supply & Installation Of PVC Pipe Sleeves In Concrete In The South Transition Dam	Four Additional PVC Pipe Sleeves 125mmSchedule 40 At The South Transition Dam As Shown On Attached Sketch : 505573-3241-4JDK-0004	17-Sep-14				
FWO-CH0007001-0014	0	Reference SIN#0014. Cleaning & Grouting Of The 4 - 63mm Diam PVC Pi To Fill The Voids Between The Concrete & Open Joints In Foundations Bedrock At The Centre Transition Dam All As Described In SIN-CH0007001-0014.	The Work To Be Performed On A Time & Materials Basis With Time Sheets For The Work Properly Identified. The Open Spaces Of The Joints Are To Be Filled With Grout To Fill The Narrow Cracks At The Foundation Bedrock.	30-Sep-14				
FWO-CH0007001-0015	0	Supply & Install PVC Pipe Sleeves In Concrete In The North Transition Dam.	Three Additional PVC Pipe Sleeves 125mm Schedule 40 At The North Transition Dam	24-Oct-14				
FWO-CH0007001-016	0	Rock reconstruction due to over excavation	Installation of the 3 - 30 M @ 900 dowels, minimum 3000 embedment into sound rock as shown on sketch 505573-3241-42Dk-0012 in preparation for lift SWPSA-2 from El. 8.00 to El. 11.00	2-Nov-14				

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LOWER CHURCHILL PROJECT – MUSKRAT FALLS

CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Site Instruction Log

Site Instruction No.	Rev No.	Title	Description	Date of Issue	Status	COST/ Impact		Change Request No.
						Yes	No	
SIN-CH0007-001	0	BLOCK OUT	Sketches indicating dimensions on hold pending resolution of blockout sizes to suit the hydro-mechanical embedded equipment	30-Jan-14	Work Clarification			XXXX
SIN-CH0007-002	0	BLOCK OUT/Inspection Gallery	Sketches indicating Dimensions on "Hold" pending resolution of block-out sizes to suit Hydro-mechanical embedded Equipment and Elevation on Inspection Gallery	31-Jan-14	Work Clarification			
SIN-CH0007-003	0	OverBreak / Spillway	Spillway Overbreak Concrete	23-Apr-14	Work Clarification			
SIN-CH0007-004	0	Dam Construction	Site Instruction to Instruct Astaldi to use Borrow Source indicated on the attached drawing MFA-SN-CD-4300-CV-PL-0007-01 Rev. C7 to check Dam Construction	9-May-14	Work Clarification			
SIN-CH0007-005	0	Over-break Concrete From Rock Blasting Activity	Permitted to partially infill portions of the deeper voids that are present in the spillway slab foundation.	13-May-14	Work Clarification	X		
SIN-CH0007-006	0	Over-break Concrete From Rock Blasting Activity	Use of Trial Mix 30420B3-3 for Overbreak Concrete	4-Jun-14	Work Clarification	X		
SIN-CH0007-007	0	Loose Rock Blocks on the Foundation of Centre Tranition Dam	Contractor Shall Remove Loose Rock Blocks on the Foundation of Centre Tranition Dam as Marked on the Field By Paint Marks and as Shown on the Attached Photographs	28-Jun-14		X		
SIN-CH0007-008	0	Application of Dry Pack on Rock Surfaces And Over Open Joints	The Contractor shall apply dry pack on the rock surfaces and over the open joints of Centre Transition Dam lift CTU2A-01 marked by paint and identified with marking "DP"	23-Jul-14				
SIN-CH0007-009	0	Loose Rock Blocks - Excavation, Scaling, Washing and Cleaning	Loose rock blocks marked in red in the enclosed photographs are to be excavated and scaled at the foundation bedrock area of Centre Transition Dam	1-Aug-14		X		
SIN-CH0007-010	1	Contractor Is Instructed To Hold On Construction Of Blocks STU3 On South Transition Dam. Company Will Be Issuing ECN To Make Modifications To Concrete Outlines & Reinforcement Details.	Contractor Is Permitted To Proceed On Construction Of Block STU2	22-Aug-14		X		
SIN-CH0007-011	0	For The Purposes Of Determining Delays For Removal Of Formwork; Spillway Base Slabs SW1A; SWB1B; SWB1C; SWB2A; SWB2B; SWB2C; SWB3A; SWB3B; & SWB3C Shall Be Considered As Vertical Surfaces Of Thick Cross Sections.	As Per Point # 5 Above, In All Cases, The Removal Of Formwork & Falsework Shall Be Authorised By The Engineer	24-Aug-14				

SIN-CH0007-012	0	Specification Section: 03 11 00 - Concrete Formwork states: 2.4 FORMWORK LINER 1. Unless indicated otherwise on the drawings, formwork shall be covered with a formwork liner type Drainaform as manufactured by Texel Inc or approved equivalent, between elevations 37.50m and 40.00m for all upstream surfaces, including the bulkhead and intake gate shafts, and between elevations 0.50m and 7.00m for all downstream surfaces. The formwork liner is only required where the surface is normally in contact with water in the reservoir, tailrace and discharge channels. The formwork liner shall be installed as per the manufacturer's recommendations	As discussed with Astaldi Engineering on 09.September.2014 in accordance with this Specification, Contractor is advised that the vertical formwork at the spillway piers downstream of the final rollway surface require the Drainaform liner installed from the elevation of the top of the base slab to elevation 7.0m. This will include the forms currently being set for the piers on top of SWB3C	10-Sep-14				
SIN-CH0007-013	0	This Site Instruction supplements SIN-CH0007001-0009 dated 01.AUGUST.2014. The open joints at the foundation bedrock of Centre Transition Dam footprint CTU4A-02 area shall be embedded with at least five rigid PVC conduit pipes of nominal size 63mm [2.5"] for in fill / contact grouting later after the placement of cast in placeconcrete up to EL=18.50m. The collar of the PVC pipes should be capped and stick up at least 1 Foot / 0.3048 m above EL	This SIN is only to cover the authorisation given to Contractors worker to place the PVC pipe as the concrete pour was underway. FWO # 012 will be issued to cover the additional costs. The open spaces of the joints are to be filled with grout after the placement of dental concrete since the dental concrete is not adequate enough to fill the narrow cracks at the foundation	12-Sep-14				
SIN-CH0007-014	0	This Site Instruction supplements SIN-CH0007001-0013 [Rev 01] dated 12.September.2014. The current field instruction illustrates the steps to fill the residual voids which may remain between the concrete and the open joints at the foundation bedrock of Centre Transition Dam Footprint CTU4A-02. Infill / contact grouting shall be carried out through the 4 rigid PVC conduit pipe sleeves [refer enclosed photograph, nominal size 63mm / 2.5"] embedded in concrete pour CTU4A - 02 up to EL +18.50m. The process of grouting shall be performed in the following steps:	1. The pipes / open joints shall be cleaned of any rock particles, cement or any other solid materials by injecting water under pressure. If it is found that it can not be cleaned with water only under pressure even after a reasonable length of time, it shall be washed with alternating jets of air and water under pressure, injected through a hose or a pipe lowered to the bottom of the pipes. Air pressure should be gradually increased to a maximum of 100psi. Flushing should be continued until the return water is clear. 2. As soon as the cleaning is completed, the open joints are to be injected with grout by gravity using a hand pump with a pressure of approximately 40kPa via the PVC conduit pipes. Injection of the grout should start from the bottom of the PVC conduit using an injection line. During grouting adjacent conduit pipes shall be plugged by suitable caps to prevent grout from flowing out of the PVC conduits. On completion of the grouting, the PVC conduit pipes should be full of hardened grout as far as the orifice up to EL +18.50. The working areas and concrete surfaces must be protected and cleaned immediately from any leak out of grouting materials during and after the grouting operation. Approved SikaGrout 212 mix shall be used for the grouting.	29-Sep-14				

SIN-CH0007-015	0	This refers to the Scope Of Work Of Technical Specification Section 03.60.00 - "Drilling, Grouting, Rock Dowels & Drainage." Temperature Sensors [Thermistors] and Uplift Gauges have to be installed prior to curtain grouting activities as per the Technical Specification MFA-SN-CD-3300-CV-TS-0001-11 [Section 03 60 00 - "DRilling, Grouting, Rock Dowels and Drainage." Temperature Sensors [Thermistors] and Uplift Gauges have to be installed prior to curtain grouting activities as per the Technical Specification MFA-SN-CD-3300-CV-TS-0001-11 [Section 03 60 00] Aconex Site Queries SQY-CH0007001-0088 dated 06.September .2014 and #SQY-0007001-0102 dated 27.September.2014 should also be referred to in this regard.	To monitor the temperature of the rock foundation with the help of Thermistors before grouting and to monitor the rock surface movements during water pressure testing or grouting operations	30-Oct-14				

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Site Query Log

						COST/ Impact	Change Request No.
Site Query No.	Rev No.	Aconex Ref.	*TITLE*	Date of Issue	Date of Response	Yes	No
	0	SQY-CH0007001-0001	Originally sent via Aconex mail as an RFI. Mike Collins and Greg Snyder to update as a site query and submit asap ..... **Powerhouse Excavation Survey Data to Design ICS foundation Interfaces.**	27-Jan-14	27-Jan-14		
	0	SQY-CH0007001-0002	Detailed Information of the Embedded Parts for the Guides and Sill Beams of the Spillway	25.01.2014	29.01.2014		
	0	SQY-CH0007001-0003	Clarification of Grounding Conductor Drawings MFA-SN-CD-3410-EL-SE-0001-01 AND MFA-SN-CD-2410-EL-SE-0002-01	27.01.2014	30.01.2014		
	0	SQY-CH0007001-0004	Confirmation of Conrete Class of the Base Slabs of the Spillway	3-Feb-14	3-Feb-2014		
	0	SQY-CH0007001-0005	Confirmation of Anchor Design on the Rock Wall Foundation for the South and North Pier of the Spillway	27.01.2014	29.01.2014		
	0	SQY-CH0007001-0006	Curtain Grouting of PVC Pipe Sleeves	27.01.2014	29.01.2014		
AT-SQY-CH0007001-0006	0	SQY-CH0007001-0009	Spillway Slab - Stirrups Request in Base Slab Section A-A	30.01.2014	04.02.2014		
PT-HO-SQY-0004	0	SQY-CH0007001-0011	Fine Aggregate Samples	03.02.2014	04.02.2014		
AT-SQY-CH0007001-0007	0	SQY-CH0007001-0012	Waterstops WSB Design on the Rockwall for the South and North Pier of Spillway	04.02.2014	05.02.2014		
AT-SQY-CH0007001-0008	0	SQY-CH0007001-0013	Tall Foundation of the South and North Pier's Area of Spillway	11.02.2014	12.02.2014		
AT-SQY-CH0007001-0009	0	SQY-CH0007001-0014	Passage for the workers to access inside each pour of the spillway piers	11.02.2014	14.02.2014		
AT-SQY-CH0007001-0010	0	SQY-CH0007001-0015	ICS Building - Revised Bracing Elevation	14.02.2014	04.03.2014		
AT-SQY-CH0007001-0011	0	SQY-CH0007001-0016	ICS Building - Rock Anchor Loads	14.02.2014	11.03.2014		
AT-SQY-CH0007001-0012	0	SQY-CH0007001-0017	ICS Building - New Columns at Lines B1 and C1	19.02.2014	04.03.2014		
AT-SQY-CH0007001-0013	1	SQY-CH0007001-0019	Response to Canadian Mills Don't laminate On a Regular Basis Reinforcing Steel (rebar) of grade 400R	28-Feb-14	13.03.2014		
AT-SQY-CH0007001-0014	1	SQY-CH0007001-0020	Spillway Slab - Proposal to change orientation fo bottom hook	02.03.2014	05.03.2014		
AT-SQY-CH0007001-0015	0	SQY-CH0007001-0021	Interference of Waterstops with Reinforcing Steel	02.03.2014	05.03.2014		
AT-SQY-CH0007001-0016	0	SQY-CH0007001-0022	Request for more information for the Center Transiton Dam	14.03.2014	22.07.2014		
AT-SQY-CH0007001-0017	1	SQY-CH0007001-0024	Responses to the Attached SK-01 to SK-04 for Explaination Centre Transition Dam	21.03.2014	28.03.2014		
AT-SQY-CH0007001-0018	1	SQY-CH0007001-0023	Explaination Reqiured for Which Structural Steel that Astaldi is asking About; i.e. is this Related to the ICS Structure or the Permanent Works	21.03.2014	22.03.2014		
AT-SQY-CH0007001-0019	0	SQY-CH0007001-0025	Contractor is Directed to Exhibit 1 - Scope of Work: Paragraphs 3.1.9; 3.1.10; and 3.1.11 for Description of Responsibilities in regard to Sampling and Testing of Concrete	21.03.2014	22.03.2014		
AT-SQY-CH0007001-0020	1	SQY-CH0007001-0026	Clarification of Paint/Protective Coating for the ICS Steel which will be Embedded in the Concrete of the Powerhouse	21.03.2014	28.03.2014		
AT-SQY-CH0007001-0021	0	SQY-CH0007001-0027	Request for drawing formats (Response)	02.04.2014	09.04.2014		
AT-SQY-CH0007001-0022	1	SQY-CH0007001-0028	Response to Site Query From Astaldi RE: Global Stability of Rock	05.04.2014	16.04.2014		
AT-SQY-CH0007001-0023	0	SQY-CH0007001-0029	Requirements for the 3D models of transition dams	09.04.2014	16.04.2014		
AT-SQY-CH0007001-0024	0	SQY-CH0007001-0030	Request for the Electro-Mechanical 3D-Model	10.04.2014	16.04.2014		
AT-SQY-CH0007001-0025	0	SQY-CH0007001-0031	Astaldi requires drawings for Cofferdam #5 in order to Finalize Locations of Temporary Access Roads	13.04.2014	17.04.2014		
AT-SQY-CH0007001-0026	0	SQY-CH0007001-0032	Locations of the Over-break Concrete at the South Service Bay Location - Engineering Change Notice #4	13.04.2014	22.04.2014		

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CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Site Query Log

Site Query No.	Rev No.	Aconex Ref.	*TITLE*	Date of Issue	Date of Response	COST/ Impact Yes	COST/ Impact No	Change Request No.
AT-SQY-CH0007001-0027	0	SQY-CH0007001-0033	In the Absence of Over-break Concrete Underneath the Spillway Base Slab - Astaldi is Proposing to Drill Shallow Holes in the Rock	13.04.2014	22.04.2014			
AT-SQY-CH0007001-0028	0	SQY-CH0007001-0034	Problems in the Spillway	17.04.2014	22.04.2014			
AT-SQY-CH0007001-0029	0	SQY-CH0007001-0036	Inconsistency Between Adritz Embedded Elements and Construction Sequences	17.04.2014	24.04.2014			
AT-SQY-CH0007001-0030	0	SQY-CH0007001-0037	Transporting Rock over Mackenzie river bridge weighing 95 tons	25.04.2014	28.04.2014			
AT-SQY-CH0007001-0031	1	SQY-CH0007001-0038	Response to Request to use 59mm Cover On Climbing Anchors for all Structures on the Project	02.05.2014	04.05.2014			
	0	SQY-CH0007001-0039	Response to the Request to Pour the Roof Slab and Wall After the Dam has been Poured in the area noted	26-May-14	5/2/2014			
	0	SQY-CH0007001-0040						
	0	SQY-CH0007001-0041	Requesting permission to drill 32mm hole in the side lining to permit proper anchor installation as the side lining interfering with DOKA formwork climbing anchor.	3-May-14	14-May-2014			
AT-SQY-CH0007001-0033	0	SQY-CH0007001-0042	Site Query from Astaldi CH0007 - Requesting permission to drill 32mm hole in the side lining to permit proper anchor installation as the side lining interfering with DOKA formwork climbing anchor.	03.05.2014	14.05.2014			
AT-SQY-CH0007001-0034	0	SQY-CH0007001-0043	Concrete Formwork - CSA Standard vs. ACI Standard and the minimum limiting lateral formwork design.	09.05.2014	12.05.2014			
AT-SQY-CH0007001-0035	0	SQY-CH0007001-0044	Clarify the use of B4	14.05.2014	21.05.2014			
AT-SQY-CH0007001-0036	0	SQY-CH0007001-0045	Re-construction Concrete.Rock	16.05.2014	21.05.2014	x		2023
AT-SQY-CH0007001-0037	0	SQY-CH0007001-0046	Spillway Roller Gate Block Outs	23.05.2014	26.05.2014			
AT-SQY-CH0007001-0038	0	SQY-CH0007001-0047	Power house unit 1 draft tube outlet base slab reinforcement, intake units 3 & 4 Base slab plan EL 1.70 concrete.	23.05.2014	06.06.2014			
AT-SQY-CH0007001-0039	0	SQY-CH0007001-0048	Spillway Roller Gate: Block Outs and Anchor Templates - Dimension	02.06.2014	06.06.2014			
AT-SQY-CH0007001-0040	0	SQY-CH0007001-0049	Spillway Baseslab Waterstop: Ref. Drawing MFA-SN-CD-2400-CV-SN-0002-01-C3	04.06.2014	04.06.2014		x	
AT-SQY-CH0007001-0041	0	SQY-CH0007001-0050	Spillway - Base Slab - Grouting and Conduits	04.06.2014	10.06.2014			
AT-SQY-CH0007001-0042	0	SQY-CH0007001-0051	Spillway - Cables and Connections - Mechanical Components	04.06.2014	09.06.2014			
AT-SQY-CH0007001-0043	0	SQY-CH0007001-0052	Centre Transition Dam - Rock Under The Dam Has An Irregular Shape	10.06.2014	13.06.2014	x		
AT-SQY-CH0007001-0044	0	SQY-CH0007001-0053	Clarification & Requirement For The Embedded Parts Of Spillway	11.06.2014	21.07.2014			
AT-SQY-CH0007001-0045	0	SQY-CH0007001-0054	Spillway-Waterstops-Rollway WSD Is Not Included In The Technical Specification Refer To Sketch For The Query Details	26.06.2014	04.07.2014			
AT-SQY-CH0007001-0046	0	SQY-CH0007001-0055	Refer To Clause 3.2.1.2 Slice & Weld The Waterstops Joints Straight And Also Mould Waterstops On Site	26-Jun-14	27-Jun-14			
AT-SQY-CH0007001-0047	0	SQY-CH0007001-0056	Exhibit 7 - Quality Requirements	01.07.2014	01.07.2014			
AT-SQY-CH0007001-0048	0	SQY-CH0007001-0057	A Clarification for Concrete Work of North Transition Dam	03.07.2014	18.07.2014	X		
AT-SQY-CH0007001-0049	0	SQY-CH0007-001-0058	LRM Batching Plant Area	03.07.2014	18.07.2014			
AT-SQY-CH0007001-0050	0	SQY-CH0007001-0059	Rock From Stockpile A for Mobile Crane Pads in the Powerhouse	25.07.2014	31.07.2014			

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CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Site Query Log

						COST/ Impact	Change Request No.	
Site Query No.	Rev No.	Aconex Ref.	*TITLE*	Date of Issue	Date of Response	Yes	No	
AT-SQY-CH0007001-0051	0	SQY-CH0007001-0060	Batch Plant Single Feeder	25.07.2014	31.07.2014			
AT-SQY-CH0007001-0052	0	SQY-CH0007001-0061	Base Slab Dowels for Piers	27.07.2014	28.07.2014			
AT-SQY-CH0007001-0053	0	SQY-CH0007001-0062	Sequence Change of the First Pours Intake Unit 3 and Intake Unit 4	30.07.2014	31.07.2014		x	
AT-SQY-CH0007001-0054		SQY-CH0007001-0063	Grouting Curtain and Drainage Hole	30.07.2014	04.08.2014			
		SQY-CH0007001-0064	Configuration of Waterstop	30-Jul-14	5-Aug-14			
AT-SQY-CH0007001-0057	0	SQY-CH0007001-0065	Intake Unit 4 - Leveling the rock ground	31.07.2014	04.08.2014			
AT-SQY-CH0007001-0058	0	SQY-CH0007001-0066	Using non-scarification on the as-built overbreak concrete surface at the upstream of spillway where will connect with the upstream-west side.	5-Aug-14	8-Aug-14			
		SQY-CH0007001-0066						
AT-SQY-CH0007001-0059	0	SQY-CH0007001-0067	Request to provide the list of embedded elemenets (dimension and weight) of the Powerhouse First concrete phase of your subcontractor Andritz.	09.08.2014	25.08.2014			
AT-SQY-CH0007001-0060	0	SQY-CH0007001-0068	Request to change the formwork dimensions of 2 pours on the Spillway Piers, deleting the construction joints and unifying the smaller pours to the bigger ones.	12.08.2014	18.08.2014			
AT-SQY-CH0007001-0061	0	SQY-CH0007001-0069	Inconsistency between no. 2 dwg of SNC lavalin re: waterstop on the intake unit 2 & 3	12.08.2014	19.08.2014			
AT-SQY-CH0007001-0062	0	SQY-CH0007001-0075	In the red copies received, about the Center Transition Dam, there is a reference to a "future ECN," but we don't have any ECN with the change written.	21.08.2014	26.08.2014			
AT-SQY-CH0007001-0063	0	SQY-CH0007001-0070	Spillway base slab and technical specification 03 30 00 secton 3.8.4	15.08.2014	17.08.2014			
AT-SQY-CH0007001-0064	0	SQY-CH0007001-0071	Reinforcing steel in the spillway base slab.	15.08.2014				
AT-SQY-CH0007001-0065	0	SQY-CH0007001-0072	Need to see the clashes between different parts of the powerhouse and spillway, to bring these pieces into their final location.	19.08.2014	25.08.2014			
AT-SQY-CH0007001-0066	0	SQY-CH0007001-0073	Astaldi purposes to cut the 30M top bars and insert new 30M bars below the clamping bars and plates.	13.08.2014	21.08.2014			
AT-SQY-CH0007001-0067	0	SQY-CH0007001-0074	Astaldi request approval regarding the slump adjustment method for the spillway concrete mix A2-5	20.08.2014	26.08.2014			
AT-SQY-CH0007001-0068	0	SQY-CH0007001-0078	Astaldi ask to have editable files for mechancial and electrical drawings of SNC design of the power house in order to: 1.) Better understand and estimate the quantity of all the systems. 2.) Check and proceed with verification and purpose solutions to solve the clashes with the temporary structure of the ICS.	20.08.2014	28.08.2014			
AT-SQY-CH0007001-0069	0	SQY-CH0007001-0076	In some parts of the structure (intake and powerhouse) we have found particular waterstop intersections. Insome cases we have similar intersections, but different angles.	21.08.2014	25.08.2014			
AT-SQY-CH0007001-0070	0	SQY-CH0007001-0077	After the rock survey the real rok profile between the spillway and the center transition dam it is not possibel to install the waterstop in the rock.	21.08.2014	26.08.2014			
AT-SQY-CH0007001-0071	0	SQY-CH0007001-0079	South and Center transiton dam has note 3 that indicates the class of the concrete.	22.08.2014	25.08.2014			
AT-SQY-CH0007001-0072	0	SQY-CH0007001-0080	The embedded conduits are very close to the embedded part of the guard-rail.	22.08.2014				
AT-SQY-CH0007001-0073	0	SQY-CH0007001-0081	Modification in the pours of the retaining wall (WL)	27.08.2014	02.09.2014			
AT-SQY-CH0007001-0074	0	SQY-CH0007001-0082	Astaldi request to weld non-structural rebar to use as additional support for the structural rebar durng the pouring of blocks in the spillway base slab in order to avoid rebar cage moving.	28.08.2014	28.08.2014			

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Site Query Log

						COST/ Impact	Change Request No.
Site Query No.	Rev No.	Aconex Ref.	*TITLE*	Date of Issue	Date of Response	Yes	No
AT-SQY-CH0007001-0075	0	SQY-CH0007001-0083	"Waterstops may be bent about their weak axis to a minimum radius approved by Eng. Where ever a change in direction is required".	28.08.2014	04.09.2014		
AT-SQY-CH0007001-0076	0	SQY-CH0007001-0084	Astaldi requires clarification about the inconsistency between two drawings form the design.	04.09.2014	05.09.2014		
AT-SQY-CH0007001-0077	0	SQY-CH0007001-0085	CENTRE TRANSITION DAM - ELEVATED DECK	03.09.2014	03.09.2014		
AT-SQY-CH0007001-0078	0	SQY-CH0007001-0089	SPILLWAY PIERS - GATE GUIDE	04.09.2014	07.09.2014		
AT-SQY-CH0007001-0079	0	SQY-CH0007001-0086	In order to achieve the best protecton during winter for concrete pouring, we are providing a winter shelter for the spillway in order to allow the pouring during cold periods. "NOT ADMISSIBLE, THIS REQUEST SHOULD BE CONCESSION REQUEST."	04.09.2014	05.09.2014		
AT-SQY-CH0007001-0080	0	SQY-CH0007001-0087	In order to achieve the rock reconstitution of the line A - Upstream Powerhouse a rock demolition is needed.	05.09.2014	10.09.2014		
AT-SQY-CH0007001-0081	0	SQY-CH0007001-0088	We need information from the designer about the final position to be placed SWB2A-00 pour of the spillway base slab.	06.09.2014	08.09.2014		
AT-SQY-CH0007001-0082	0	SQY-CH0007001-0091	Confirm size of bars for unit 1, 25M or 30M?	08.09.2014	12.09.2014		
AT-SQY-CH0007001-0083	0	SQY-CH0007001-0092	SECTION E-E/3310-CV-SN-0042-01	03.09.2014	12.09.2014		
AT-SQY-CH0007001-0084	0	SQY-CH0007001-0090	Astaldi would like to know if there will be a requirement or reinforcing dowels in this location.	09.09.2014	12.09.2014		
AT-SQY-CH0007001-0085	0	SQY-CH0007001-0102	Require informationfrom the designer about the final position of the thermistor and uplift gauge to be placed on pours.	27.09.2014	30.09.2014		
AT-SQY-CH0007001-0086	0	SQY-CH0007001-0093	Perform earth loop test and resistance tests using method appropriate to site conditions and to accept engineer and local authority havng jurisdicition.	30.08.2014	11.09.2014		
AT-SQY-CH0007001-0087	0	SQY-CH0007001-0094	We are not able to find any details about the column type 15. We need details for anchors embedment.	12.09.2014	15.09.2014		
AT-SQY-CH0007001-0088	0						
AT-SQY-CH0007001-0089	0	SQY-CH0007001-0097	How to place the waterstop.	16.09.2014	23.09.2014		
AT-SQY-CH0007001-0090	0	SQY-CH0007001-0098	There is inconsistency in the dwg from the designer. We need to know what is the right distance between the waterstops.	16.09.2014	22.09.2014		
AT-SQY-CH0007001-0091	1	SQY-CH0007001-0095	1.) Request for original ase survey under crusher feed stockpile on C2 pad. 2) Quanity of crusher feed stockpile that was surveyed in April 2014 by Edwards.	15.09.2014	17.09.2014		
AT-SQY-CH0007001-0092	0	SQY-CH0007001-0099	Please provide detail about the drawing number recall in dwg MFA-SN-CD-3320-CV-SN-0007-05. We need to understand if there are some embedded parts to be cast in the pour.	20.09.2014	23.09.2014		
AT-SQY-CH0007001-0093	0	SQY-CH0007001-0100	There are some problems with the waterstop, that has been left in the same elevation and is not well placed in the pour. Provide additional information/modification about this item.	20.09.2014	26.09.2016		
AT-SQY-CH0007001-0094	0	SQY-CH0007001-0101	There is a little clash between waterstop and rigid PVC conduit on the south service bay, pour SBU1A-01. We had to modify the EL of the out of the PVC conduit, now specified by the Engineer at El-21.60.	20.09.2014	22.09.2014		
AT-SQY-CH0007001-0095	0	SQY-CH0007001-0105	Intake deck at El+45.50	02.10.2014	03.10.2014		
AT-SQY-CH0007001-0096	0	SQY-CH0007001-0103	Additional Laps for Tbars-GENERAL	29.09.2014	01.10.2014		
AT-SQY-CH0007001-0097	0	SQY-CH0007001-0104	In order to finalize all our considerations on the dewatering system for the powerhouse and the spillway we wish to receive a copy of the as build drawings for the U/S and D/S cofferdams of the power house and spillway with the type of material indicated.	02.10.2014	03.10.2014		
AT-SQY-CH0007001-0098	0	SQY-CH0007001-0106	South Service Bay, dimensions to be defined.	02.10.2014	08.10.2014		
AT-SQY-CH0007001-0099	0	SQY-CH0007001-0106	Safety post details	02.10.2014	03.10.2014		

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS
CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Site Query Log

						COST/ Impact	Change Request No.
Site Query No.	Rev No.	Aconex Ref.	TITLE	Date of Issue	Date of Response	Yes	No
AT-SQY-CH0007001-0100	0	SQY-CH0007001-0108	Stairs No.11 attachment details: Please provide additional information about the stairs no.11 on the south service bay. 1.) Correct position of the rod for the stair base joint. 2.) Connection between the slab on the rock and the pilaster/landing slab.	02.10.2014	08.10.2014		
AT-SQY-CH0007001-0101	0	SQY-CH0007001-0109	Intake - Gate hoist building provide clarification about the revision C3 of the isometric view MFA-SN-CD-3220-CV-IS-0001_C3. There are a lot of changes that are not clear and are not consistent wth the geometry of the building.	02.10.2014	08.10.2014		
AT-SQY-CH0007001-0102	0	SQY-CH0007001-0110	South Service Bay, drainage holes provide drawing the dwg (MFA-SN-CD-320-CV-PL-0020) reported in the attached drawing.	02.10.2014	08.10.2014		
AT-SQY-CH0007001-0103	0	SQY-CH0007001-0111	Embedded grounding and conduits - Detail 10	02.10.2014	03.10.2014		
AT-SQY-CH0007001-0104	0	SQY-CH0007001-0113	In the zone where the SEPERATION WALL is linked to the CENTER TRANSITION DAM.	04.10.2014	24.10.2014		
AT-SQY-CH0007001-0105	0	SQY-CH0007001-0112	Redundant clash between Andritz elements and waterstop	04.10.2014	07.10.2014		
AT-SQY-CH0007001-0106	0	SQY-CH0007001-0114	Native files of SNC Lavalin drawings	07.10.2014	10.10.2014		
AT-SQY-CH0007001-0107	0	SQY-CH0007001-0115	Missing drawings for grounding and conduits - Generator floor EL 15.50	07.10.2014	08.10.2014		
AT-SQY-CH0007001-0108	0	SQY-CH0007001-0116	Request for all rock scan & asbuilts for powerhouse & spillway for planning purposes	10.10.2014	14.10.2014		
AT-SQY-CH0007001-0109	0	SQY-CH0007001-0117	Proposal of set of drawings for built-in place formworks	13.10.2014	15.10.2014		
AT-SQY-CH0007001-0110	0	SQY-CH0007001-0118	Change the pour sequence forporing the first lift of monolith 3	11.10.2014	14.10.2014		
AT-SQY-CH0007001-0111	1	SQY-CH0007001-0119	Curtain grouting pipes predisposition on the first lift (CTU3A-01) on Centre Transition Dam	13.10.2014	14.10.2014		
AT-SQY-CH0007001-0120	0	SQY-CH0007001-0120	Concrete curing temperature data reporting.	13.10.2014	14.10.2014		
AT-SQY-CH0007001-0121	0	SQY-CH0007001-0121	Use of stayform for the penetrated bulkhead in the piers of the intake.	15.10.2014	16.10.2014		
AT-SQY-CH0007001-0122	0	SQY-CH0007001-0122	Discrepancy between two grid lines.	21.10.2014	22.10.2014		
AT-SQY-CH0007001-0123	0	SQY-CH0007001-0123	Standard piping details - plate detail S-A04	24.10.2014	27.10.2014		
AT-SQY-CH0007001-0124	0	SQY-CH0007001-0124	Extension of overbreak concrete for spillway pier formwork support (Downstream side)	24.10.2014	02.11.2014		
AT-SQY-CH0007001-0125	0	SQY-CH0007001-0125	Standard piping details - plate details - 30" plate cap	24.10.2014	25.10.2014		
AT-SQY-CH0007001-0126	1	SQY-CH0007001-0126	Contractor would like to know if the orientation shown for the powerhouse is based on Centerline Unit 1 and Centreline of units is correct.	31.10.2014	03.11.2014		
AT-SQY-CH0007001-0127	0	SQY-CH0007001-0127	Horizontal bar's spacing in stair shaft of the powerhouse semi-spiral case all units.	05.11.2014	13.11.2014		
AT-SQY-CH0007001-0128	0	SQY-CH0007001-0128	Specifications/Questions about AGF dwg - General comments (red copies) clarificatons.	05.11.2014			
AT-SQY-CH0007001-0129	0	SQY-CH0007001-0129	Drain line	06.11.2014	12.11.2014		
AT-SQY-CH0007001-0130	0	SQY-CH0007001-0130	Realization of drainage hole to be drilled in rock on south service bay - lower part	11.11.2014	14.11.2014		
AT-SQY-CH0007001-0131	0	SQY-CH0007001-0131	Embedment of placing booms on the powerhouse area (draft tube & intake)	11.11.2014	12.11.2014		
AT-SQY-CH0007001-0132	0	SQY-CH0007001-0132	North Service Bay Foundation rock interference	12.11.2014	19.11.2014		

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS

CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Site Query Log

Site Query No.	Rev No.	Aconex Ref.	TITLE	Date of Issue	Date of Response	COST/ Impact Yes	COST/ Impact No	Change Request No.
AT-SQY-CH0007001-0133	0	SQY-CH0007001-0133	Native file for ddrawing 505573-3241-42DK-00120attached to CHR-CH0007001-0020	12.11.2014	13.11.2014			
AT-SQY-CH0007001-0134	0	SQY-CH0007001-0134	Consent from the company to occupy additonal 305sm for the project control trailer in the main office laydown area.	13.11.2014	14.11.2014			
AT-SQY-CH0007001-0135	0	SQY-CH0007001-0135	Rock reconstruction in the intake 1/south service bay area.	15.11.2014	24.11.2014			
AT-SQY-CH0007001-0136	0	SQY-CH0007001-0136	Powerhouse missing pipes drawings	19.11.2014	24.11.2014			
AT-SQY-CH0007001-0137	0	SQY-CH0007001-0137	Clarification for procedures/interface for pipes operations	20.11.2014	25.11.2014			
AT-SQY-CH0007001-0138	0	SQY-CH0007001-0138	Details about waterstop type WSM in powerhouse area (Semi-spirale case)	20.11.2014	21.11.2014			
AT-SQY-CH0007001-0139	0		Control points on spillway base slbas and pier walls	20.11.2014				
AT-SQY-CH0007001-0140	0	SQY-CH0007001-0140	3D models for Andritz embedded elements in the powerhouse.	20.11.2014	24.11.2014			
AT-SQY-CH0007001-0141	0	SQY-CH0007001-0141	South Service Bay - Clash between PVC conduits and CJ/waterstop at EL+9.40	20.11.2014	25.11.2014			
AT-SQY-CH0007001-0142	0		Spillway upstream permanent bridge - Dowels location in bearing plates.	21.11.2014				
AT-SQY-CH0007001-0143	0	SQY-CH0007001-0143	Temperature thermistor range to change for spillway	21.11.2014	25.11.2014			
AT-SQY-CH0007001-0144	0		Oversize bent bars for transportation, powerhouse semi-spiral case, unit 1	21.11.2014				
AT-SQY-CH0007001-0145	0	SQY-CH0007001-0145	Powerhouse missing pipes drawings	22.11.2014	29.11.2014			
AT-SQY-CH0007001-0146	0		Intake dimensions above hydraulic passage	24.11.2014				
AT-SQY-CH0007001-0147	0		Spillway Rock As-Built	24.11.2014				
AT-SQY-CH0007001-0148	0	SQY-CH0007001-0148	Embedded anchors type 5A in South Service Bay - EL.+6.50	27.11.2014	22.11.2014			
AT-SQY-CH0007001-0149	0		Filter assembly	25.11.2014				

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS
CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Change Request Log Astaldi To Nalcor

Change Request No.	Rev No.	Description	Linked by	Date of Issue	Date of Response	Submitted Price	Sub-Contractor's Price	Submitted		Nalcor Response date	Accept ?
								Yes	No		
2001	0	Reference Exhibit 2 - Attachment 1 - Item 2.1 - Mobilisation				NIL					
2002	0	Reference Exhibit 2 - Attachment 1 - Item 2.2 - Site Instruction				NIL					
2003	0	Reference Exhibit 2 - Attachment 1 - Item 2.3 - Contractor Equipment For Indirects				NIL					
2004	0	Reference Exhibit 2 - Attachment 1 - Item 2.4 - Temporary Works				NIL					
2005	0	Reference Exhibit 2 - Attachment 1 - Item 2.5 - Winter Protection				NIL					
2006	0	Reference Exhibit 2 - Attachment 1 - Item 2.6 - Management & Staff				NIL					
2007	0	Reference Exhibit 2 - Attachment 1 - Item 2.6A - Design & Technical Assistance				NIL					
2008	0	Reference Exhibit 2 - Attachment 1 - Item 2.8 - Services				NIL					
2009	0	Reference Exhibit 2 - Attachment 1 - Item 2.10 - Health & Safety Requirements				NIL					
2010		NOT USED				NIL					
2011	0	Reference Exhibit 2 - Attachment 1 - Item 2.11 - Environmental Requirements				NIL					
2012	0	Reference Exhibit 2 - Attachment 1 - Item 2.1 - Mobilisation - Revised Total				NIL					
2013	0	Reference Exhibit 2 - Attachment 1 - Item 2.2 - Site Installation - Revised Total				NIL					
2014	0	Reference Exhibit 2 - Attachment 1 - Item 2.3 - Contractor Equipment For Indirects - Revised Total				NIL					
2015	0	Reference Exhibit 2 - Attachment 1 - Item 2.4 - Temporary Works - Revised Total				NIL					
2016	0	Reference Exhibit 2 - Attachment 1 - Item 2.5 - Winter Protection - Revised Total				NIL					
2017	0	Reference Exhibit 2 - Attachment 1 - Item 2.6 - Management & Staff - Revised Total				NIL					
2018	0	Reference Exhibit 2 - Attachment 1 - Item 2.6A - Design & Technical Assistance - Revised Total				NIL					
2019	0	Reference Exhibit 2 - Attachment 1 - Item 2.8 - Services - Revised Total				NIL					

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS
CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Change Request Log
Astaldi To Nalcor

Change Request No.	Rev No.	Description	Linked by	Date of Issue	Date of Response	Submitted Price		Submitted		Nalcor Response date	Accept ?
								Yes	No		
2020	0	Reference Exhibit 2 - Attachment 1 - Item 2.10 - Health & Safety Requirements - Revised Total				NIL					
2021	0	Revised Exhibit 2 - Attachment 1 - Item 2.11 - Environmental Requirements - Revised Total				NIL					
2022	0	Site Query - SQY-CH00007001-045. Rock Reconstruction Concrete. Following the answer we received on 22.May.2014. Major reconstruction of the rock to the right of lift XXX, disrupt the normal sequence of our work. This non-predictable work such as the installation of anchor rods with injection,formwork, additional details and repeat cleaning surfaces have an impact on the schedule and additional costs. Include SQ 045 As Suggested By E. Mongili				$4,083,941.68					
2023	0	The Contractor hereby requests modifications and additions of new positions to the Rate Tables for the Contractors Work Force not covered by the Collective Agreement In Exhibit 2 - Appendix F. [SAMPLE DOCUMENTATION ON CHANGE ORDER PROCESS]				NOT APPLICABLE					
2024	0	A discovery of explosive materials on site of the work took place again. Down time was recorded on 06, 07 & 21 May 2014. We do not have good records in respect of this subject therefore probably better to withdraw.				NOT USED YET					
2025		Not Used Yet				NOT USED YET					
2026		Reserved For CHR: 1019 - To Be Issued January 2015				NOT USED YET					
2027		Cost Of Attending Meetings In St. Johns. Note: Rejected By Nalcor. According To Them They Are Not Allowed To Make Payments in Advance.				$ 100K Rejected By Nalcor					
2028		Use Of Concremote As A Temperature. Note: Rejected By Nalcor. Nalcor Are Of The Opinion that Astaldi Are Responsible For All Costs				$493,422.30					

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS

CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Change Request Log
Nalcor To Astaldi

Change Request No.	Rev No.	Description	Linked by	Date of Issue	Date of Response	Submitted Price	Sub-Contractor's Price	Submitted		Nalcor Response date	Accept ?
								Yes	No		
10001	0	Supply and iInstallation of Second Stage Concrete for Hydro-Mechanical Embedded Parts	LTR-072	12-Dec-13	06-Feb-14	$ 15,496,356.34					
10001	1	Revised Scope of Work. Additional Information from Andritz Requested 2 price options for Scaffolding.		14-Apr-14	5-Jun-2014	$ 20,362,544.20		05-Jun-14			
1002	1	Supply and transportation of aggregates to other		30-Apr-14	24-Jun-2014	$ 3,600,000.00					
1003	0	Bussing/Transportation of Local Workers	LTR-073	26-Jan-14	6-Feb-2014	**DECLINED**			X		
1004	1	Maintenance of Washcars	LTR-181	17-Mar-14	15-Jul-2014	$ 276,000.00 / Month - 48 Months Total Say $ 13,200,000 [Estimated]					
1005	0	Revised IFC drawing & Spec as per ECN #1 & #2		05-Feb-14	1-Jul-2014						
1006	0	Provide 3 types of crushed material		11-Feb-14	24-Jun-2014	**WITHDRAWN BY CLIENT**					
1007	1	Site Construction Power - Additional Drawing		14-Feb-14	7-Mar-2014	$ 986,694.00					
1008	0	Release of hold on the Spillway stoplog blockouts with revised dimensions to the blockouts and associated changes to concrete, rebar, PVC waterstop and misc. embedded metals.	ECN-003, SQY-010, LTR-0193	18-Mar-14	1-Jul-2014	$ [148, 233.18]	Provisional	2-Jul-14			
1009	0	Estimated quantitiies of required concrete over-break	ECN-004R1	28-May-14	1-Jul-2014						
1010	0	25KV Construction Power Switch Yard Convertor Area.		13-Jul-14		$ 445,776.67					
1011	0	Installation of Fibre Optics		13-Jul-14		$ 260,369.52					
1012	0	Supply and Installation of Cellular Shelter Electrical Work		5-Aug-14		WITHDRAWN BY CLIENT					
1013	0	Revised IFC Drawings Related to Grounding and Exothermic Connections at the Centre Transition Dam and the Spillway	ECN-007	9-Aug-14							
1014	1	ECN-CH0007001-0009 (Copy attached)	ECN-009	23-Aug-14							
1015	0	ECN-CH0007001-0011 (Copy attached)	ECN-011	6-Sep-14							
1016	0	ECN-CH0007001-0012 (Copy attached)	ECN-0012	6-Sep-14							
1017	0	ECN-CH0007001-0010 (Copy attached)	ECN-0010	11-Sep-14							
1018		NOT ISSUED YET									
1019	0	Overbreak In Rock Under The Bottom Pours Of The Separation Wall & Spillway South Pier	SQY-0113	25-Oct-14		$ 210,000.00					
1020	0	Supply & Installation Of Concrete Encased PVC Conduits From The Base Of The Vertical Cliff Face To The Powerhouse South Service Bay As Indicated In The Drawing. Scope Of Work Is Detailed In The Attached Document: SLI Doc. No. 505573-3151-47EW-0007 - Completion Of Construction Power Requirements - Concrete Duct Bank Scope Of Work Specification.		12-Nov-14		Contractor To Provide A Lump Sum Price To Complete The Work As Per Scope Of Work Document Attached That Covers Labour, Materials, Equipment, Supervision, Overhead & Profit					
1021	0	ECN-CH0007001-0015 [Copy Of ECN Only Is Attached]. This Engineering Change Notice {ECN] Covers Changes To The IFC Drawings For The Powerhouse & Intake Superstructure Structural & Miscellaneous Steel. Contractor To Review The Attached Schedule Of Quantities & Prices, Confirm Acceptance Or Provide Estimates . Contractor Is Requested To Submit Pricing On Schedule Of Price Breakdown CHR - 1021.	ECN-0015	21-Nov-14		Contractor To Review The Attached Schedule Of Quantities & Prices, Confirm AcceptancOr Provide His Estimate If Different. Present Details On Impact On Schedule If Any , All With Sufficient Information To Allow The Company To Assess The Contractors Proposal.					

1022	0	ECN-CH0007001-0014 & ECN-CH0007001-0014 Rev 1 [COPIES OF ECNs ONLY IS ATTACHED. This Engineering Change Notice [ECN] Covers Changes To The IFC Drawings For The PowerhouseDrainage & De-watering Pumps Piping System.The ECNs 14 & 14 R1 And Associated Revised IFC Drawings Were Issued To The Contractor In Aconex.	ECN-0014 & ECN-0014 R1	21/11/2014		As There Are No Quantity Changes Resulting From These ECNs, Company Estimate No Changes To Cost Due To Quantities. Contractor To Review The Revised Drawings & The Estimated Quantities In Contract Schedule etc.					
1023	0	ECN-CH0007001 - 006 [Copy Of ECN Only]. Engineering Change Notice [ECN] Covers Revisions To IFC Drawings Plus An Additional IFC Drawing Covering The Following: Embedded Piping Isometric Drawing. - Updated IFC Drawings For Waterstops , Piping, Electrical & Lighting.. The ECN & Associated Revised IFC DRawings Were Issued To The Contractor In Aconex.	ECN-0006	21/11/2014		As There Are No Quantity Changes Resulting From These ECNs, Company Estimate No Changes To Cost Due To Quantities. Contractor To Review The Revised Drawings & The Estimated Quantities In Contract Schedule etc.					
1024											
1025											

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS

CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Engineering Change Notice

Engineering Change Notice No.	Rev No.	Title	Description	Date of Issue	Status	COST/ Impact		Change Order No.
						Yes	No	
ECN-CH0007-001	0	UPDATE	Update to SOW, Archtectural Technical Spec, Update to Drawings as per TDL	17-Jan-14	CHR 1005			
ECN-CH0007-002	0	Drawings	Isometrics and revised Lighting Drawings	27-Jan-14	CHR 1005			
ECN-CH0007-003	0	Stoplog/ Spillway	Spillway Stoplog Blockout and Waterstop Revisions	10-Mar-14	CHR 1008			
ECN-CH0007-004	1	Over Excavation Civil Drawings	Powerhouse, Transition Dam, Intake	03-Apr-14	CHR 1009			
ECN-CH0007-005	2	Installation of Substations and Construction Power in the vicinity of the Generating Station	Change Order 2, already issued	16-Jun-14	CHR 1002			2
ECN-CH0007-006	0	Update of Package and Reference Drawings	Powerhouse, Embedded, Waterstop, Piping, Electrical	June-20-14	Not Included In Any CHR Issued By Client			
ECN-CH0007-007	0	Issue of new and revised embedded conduit and grounding drawings for CTD and Spillway	Centre Transition Dam and Spillway	29/07/2014	Not Included In Any CHR Issued By Client			
ECN-CH0007-008	0	Spillway, Transition Dams and Seperation Wall - Revised IFC Drawing	Updated Grouding and Embedded	12-Aug-14	Not Included In Any CHR Issued By Client			
ECN-CH0007-009	2	Powerhouse & Intake - Update Of Civil Drawings Following Hydrotechnical Constructability Review	This is Revision # 2 of ECN-CH0007001-0009. The seventy one [71] drawings issued on this revision # 2 are in addition to the forty six [46] drawings issued with revision # 1 on 12.September.2014 & one hundred & thirty five [135] drawings issued with revision # 0 on 22.August.2014.	02-Oct-14	CHR 1014 [2]			
ECN-CH0007-010	0	North Transition Dam - Revised IFC Drawings [Concrete & Reinforcement]	Drawings. Transition Dam - North Transition Dam Revised IFC Drawings [3 Concrete Drawings and 1 Reinforcement Drawing	22-Aug-14	CHR 1017 [0]			
ECN-CH0007-011	0	Spillway & Powerhouse Electrical & Piping Drawings - Revised & New		03-Sep-14	CHR 1015 [0]			
ECN-CH0007-012	0	New Revision Of Technical Specification Section 08 71 00 - Door Hardware	Technical Specification: Revised IFC Technical Specification Section 08 71 00 - Door Hardware [revision of electrical requirements]. Revised Technical Specification Indeex Accounting For Above Point	02-Sep-14	CHR 1016			
ECN-CH0007-013	0	Update Of South Transition Dam Drawings	South Transition Dam Drawings - Revised IFC Drawings - South Transition Dam - Concrete & Reinforcement	16-Sep-14	Not Included In Any CHR Issued By Client			
ECN-CH0007-014	0	Update Of Powerhouse Embedded Piping Drawings	Powerhouse - Embedded Piping ISO - Pump Drainage System [17 Drawings] - Powerhouse - Embedded Pioping ISO - Pump Dewatering System [1 Drawing]	20-Oct-14	Not Included In Any CHR Issued By Client			
ECN-CH0007-015	0	Update of Powerhouse Superstructure Drawings	Summary of changes for ECN-CH0007001-0015: 1. Powerhouse Drawings1.1.New IFC Drawings 1.1.1. SUB-PKG 0007-4305-Powerhouse-Miscellaneous Steel (3 Drawings) 1.2 Revised IFC Drawings 1.2.1. SUB-PKG 0007-4301- Steel General Drawings (1 Drawing) 1.2.2 SUB-PKG 0007-4302- Powerhouse Steel Crane rails and Girders (7 Drawings) 1.2.3 SUB-PKG 0007-4303 - Powerhouse -Steel main frame (13 Drawings)1.2.4. SUB-PKG 0007-4304 Powerhouse - Steel Mezzanines (8 Drawings) 1.2.5. SUB_PKG 0007-4305 - Powerhouse - Miscellaneous Steel (3 Drawings)	18-Nov-14				
ECN-CH0007-016	1	Update of Powerhouse Architectural Drawings	Complete summary of changes for ECN-CH0007001-0016 (including revisions #0 and #1): 1.Powerhouse Drawings 1.1 Revised IFC Drawings 1.1.1. SUB-PKG 0007-4401 Powerhouse - Architectural Notes: 1. This revision is revision #1 of ECN-CH0007001-0016. The four (4) Drawings issued on this revision #1 are in addiiton to the thirteen (13) drawings issued with revision #0.	16.12.2014				

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS
CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Site Query Log

COST/ Impact Change Request No.

Site Query No.	Rev No.	Aconex Ref.	*TITLE*	Date of Issue	Date of Response	Yes	No	
	0	SQY-CH0007001-0001	Originally sent via Aconex mail as an RFI. Mike Collins and Greg Snyder to update as a site query and submit asap ..... **Powerhouse Excavation Survey Data to Design ICS foundation Interfaces.**	27-Jan-14	27-Jan-14			
	0	SQY-CH0007001-0002	Detailed Information of the Embedded Parts for the Guides and Sill Beams of the Spillway	25.01.2014	29.01.2014			
	0	SQY-CH0007001-0003	Clarification of Grounding Conductor Drawings MFA-SN-CD-3410-EL-SE-0001-01 AND MFA-SN-CD-2410-EL-SE-0002-01	27.01.2014	30.01.2014			
	0	SQY-CH0007001-0004	Confirmation of Conrete Class of the Base Slabs of the Spillway	03-Feb-14	3-Feb-2014			
	0	SQY-CH0007001-0005	Confirmation of Anchor Design on the Rock Wall Foundation for the South and North Pier of the Spillway	27.01.2014	29.01.2014			
	0	SQY-CH0007001-0006	Curtain Grouting of PVC Pipe Sleeves	27.01.2014	29.01.2014			
AT-SQY-CH0007001-0006	0	SQY-CH0007001-0009	Spillway Slab - Stirrups Request in Base Slab Section A-A	30.01.2014	04.02.2014			
PT-HO-SQY-0004	0	SQY-CH0007001-0011	Fine Aggregate Samples	03.02.2014	04.02.2014			
AT-SQY-CH0007001-0007	0	SQY-CH0007001-0012	Waterstops WSB Design on the Rockwall for the South and North Pier of Spillway	04.02.2014	05.02.2014			
AT-SQY-CH0007001-0008	0	SQY-CH0007001-0013	Tall Foundation of the South and North Pier's Area of Spillway	11.02.2014	12.02.2014			
AT-SQY-CH0007001-0009	0	SQY-CH0007001-0014	Passage for the workers to access inside each pour of the spillway piers	11.02.2014	14.02.2014			
AT-SQY-CH0007001-0010	0	SQY-CH0007001-0015	ICS Building - Revised Bracing Elevation	14.02.2014	04.03.2014			
AT-SQY-CH0007001-0011	0	SQY-CH0007001-0016	ICS Building - Rock Anchor Loads	14.02.2014	11.03.2014			
AT-SQY-CH0007001-0012	0	SQY-CH0007001-0017	ICS Building - New Columns at Lines B1 and C1	19.02.2014	04.03.2014			
AT-SQY-CH0007001-0013	1	SQY-CH0007001-0019	Response to Canadian Mills Don't laminate On a Regular Basis Reinforcing Steel (rebar) of grade 400R	28-Feb-14	13.03.2014			
AT-SQY-CH0007001-0014	1	SQY-CH0007001-0020	Spillway Slab - Proposal to change orientation fo bottom hook	02.03.2014	05.03.2014			
AT-SQY-CH0007001-0015	0	SQY-CH0007001-0021	Interference of Waterstops with Reinforcing Steel	02.03.2014	05.03.2014			
AT-SQY-CH0007001-0016	0	SQY-CH0007001-0022	Request for more information for the Center Transiton Dam	14.03.2014	22.07.2014			
AT-SQY-CH0007001-0017	1	SQY-CH0007001-0024	Responses to the Attached SK-01 to SK-04 for Explaination Centre Transition Dam	21.03.2014	28.03.2014			
AT-SQY-CH0007001-0018	1	SQY-CH0007001-0023	Explaination Reqiured for Which Structural Steel that Astaldi is asking About; i.e. is this Related to the ICS Structure or the Permanent Works	21.03.2014	22.03.2014			
AT-SQY-CH0007001-0019	0	SQY-CH0007001-0025	Contractor is Directed to Exhibit 1 - Scope of Work: Paragraphs 3.1.9; 3.1.10; and 3.1.11 for Description of Responsibilities in regard to Sampling and Testing of Concrete	21.03.2014	22.03.2014			
AT-SQY-CH0007001-0020	1	SQY-CH0007001-0026	Clarification of Paint/Protective Coating for the ICS Steel which will be Embedded in the Concrete of the Powerhouse	21.03.2014	28.03.2014			
AT-SQY-CH0007001-0021	0	SQY-CH0007001-0027	Request for drawing formats (Response)	02.04.2014	09.04.2014			
AT-SQY-CH0007001-0022	1	SQY-CH0007001-0028	Response to Site Query From Astaldi RE: Global Stability of Rock	05.04.2014	16.04.2014			
AT-SQY-CH0007001-0023	0	SQY-CH0007001-0029	Requirements for the 3D models of transition dams	09.04.2014	16.04.2014			
AT-SQY-CH0007001-0024	0	SQY-CH0007001-0030	Request for the Electro-Mechanical 3D-Model	10.04.2014	16.04.2014			
AT-SQY-CH0007001-0025	0	SQY-CH0007001-0031	Astaldi requires drawings for Cofferdam #5 in order to Finalize Locations of Temporary Access Roads	13.04.2014	17.04.2014			
AT-SQY-CH0007001-0026	0	SQY-CH0007001-0032	Locations of the Over-break Concrete at the South Service Bay Location - Engineering Change Notice #4	13.04.2014	22.04.2014			

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Site Query No.	Rev No.	Aconex Ref.	*TITLE*	Date of Issue	Date of Response	Yes	No	
AT-SQY-CH0007001-0027	0	SQY-CH0007001-0033	In the Absence of Over-break Concrete Underneath the Spillway Base Slab - Astaldi is Proposing to Drill Shallow Holes in the Rock	13.04.2014	22.04.2014			
AT-SQY-CH0007001-0028	0	SQY-CH0007001-0034	Problems in the Spillway	17.04.2014	22.04.2014			
AT-SQY-CH0007001-0029	0	SQY-CH0007001-0036	Inconsistency Between Adritz Embedded Elements and Construction Sequences	17.04.2014	24.04.2014			
AT-SQY-CH0007001-0030	0	SQY-CH0007001-0037	Transporting Rock over Mackenzie river bridge weighing 95 tons	25.04.2014	28.04.2014			
AT-SQY-CH0007001-0031	1	SQY-CH0007001-0038	Response to Request to use 59mm Cover On Climbing Anchors for all Structures on the Project	02.05.2014	04.05.2014			
	0	SQY-CH0007001-0039	Response to the Request to Pour the Roof Slab and Wall After the Dam has been Poured in the area noted	26-May-14	02/05/2014			
	0	SQY-CH0007001-0040						
	0	SQY-CH0007001-0041	Requesting permission to drill 32mm hole in the side lining to permit proper anchor installation as the side lining interfering with DOKA formwork climbing anchor.	3-May-14	14-May-2014			
AT-SQY-CH0007001-0033	0	SQY-CH0007001-0042	Site Query from Astaldi CH0007 - Requesting permission to drill 32mm hole in the side lining to permit proper anchor installation as the side lining interfering with DOKA formwork climbing anchor.	03.05.2014	14.05.2014			
AT-SQY-CH0007001-0034	0	SQY-CH0007001-0043	Concrete Formwork - CSA Standard vs. ACI Standard and the minimum limiting lateral formwork design.	09.05.2014	12.05.2014			
AT-SQY-CH0007001-0035	0	SQY-CH0007001-0044	Clarify the use of B4	14.05.2014	21.05.2014			
AT-SQY-CH0007001-0036	0	SQY-CH0007001-0045	Re-construction Concrete.Rock	16.05.2014	21.05.2014	x		2023
AT-SQY-CH0007001-0037	0	SQY-CH0007001-0046	Spillway Roller Gate Block Outs	23.05.2014	26.05.2014			
AT-SQY-CH0007001-0038	0	SQY-CH0007001-0047	Power house unit 1 draft tube outlet base slab reinforcement, intake units 3 & 4 Base slab plan EL 1.70 concrete.	23.05.2014	06.06.2014			
AT-SQY-CH0007001-0039	0	SQY-CH0007001-0048	Spillway Roller Gate: Block Outs and Anchor Templates - Dimension	02.06.2014	06.06.2014			
AT-SQY-CH0007001-0040	0	SQY-CH0007001-0049	Spillway Baseslab Waterstop: Ref. Drawing MFA-SN-CD-2400-CV-SN-0002-01-C3	04.06.2014	04.06.2014		x	
AT-SQY-CH0007001-0041	0	SQY-CH0007001-0050	Spillway - Base Slab - Grouting and Conduits	04.06.2014	10.06.2014			
AT-SQY-CH0007001-0042	0	SQY-CH0007001-0051	Spillway - Cables and Connections - Mechanical Components	04.06.2014	09.06.2014			
AT-SQY-CH0007001-0043	0	SQY-CH0007001-0052	Centre Transition Dam - Rock Under The Dam Has An Irregular Shape	10.06.2014	13.06.2014	x		
AT-SQY-CH0007001-0044	0	SQY-CH0007001-0053	Clarification & Requirement For The Embedded Parts Of Spillway	11.06.2014	21.07.2014			
AT-SQY-CH0007001-0045	0	SQY-CH0007001-0054	Spillway-Waterstops-Rollway WSD Is Not Included In The Technical Specification Refer To Sketch For The Query Details	26.06.2014	04.07.2014			
AT-SQY-CH0007001-0046	0	SQY-CH0007001-0055	Refer To Clause 3.2.1.2 Slice & Weld The Waterstops Joints Straight And Also Mould Waterstops On Site	26-Jun-14	27-Jun-14			
AT-SQY-CH0007001-0047	0	SQY-CH0007001-0056	Exhibit 7 - Quality Requirements	01.07.2014	01.07.2014			
AT-SQY-CH0007001-0048	0	SQY-CH0007001-0057	A Clarification for Concrete Work of North Transition Dam	03.07.2014	18.07.2014	X		
AT-SQY-CH0007001-0049	0	SQY-CH0007-001-0058	LRM Batching Plant Area	03.07.2014	18.07.2014			
AT-SQY-CH0007001-0050	0	SQY-CH0007001-0059	Rock From Stockpile A for Mobile Crane Pads in the Powerhouse	25.07.2014	31.07.2014			

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Site Query No.	**Rev No.**	**Aconex Ref.**	***TITLE***	**Date of Issue**	**Date of Response**	**Yes**	**No**	
AT-SQY-CH0007001-0051	0	SQY-CH0007001-0060	Batch Plant Single Feeder	25.07.2014	31.07.2014			
AT-SQY-CH0007001-0052	0	SQY-CH0007001-0061	Base Slab Dowels for Piers	27.07.2014	28.07.2014			
AT-SQY-CH0007001-0053	0	SQY-CH0007001-0062	Sequence Change of the First Pours Intake Unit 3 and Intake Unit 4	30.07.2014	31.07.2014		x	
AT-SQY-CH0007001-0054		SQY-CH0007001-0063	Grouting Curtain and Drainage Hole	30.07.2014	04.08.2014			
		SQY-CH0007001-0064	Configuration of Waterstop	30-Jul-14	05-Aug-14			
AT-SQY-CH0007001-0057	0	SQY-CH0007001-0065	Intake Unit 4 - Leveling the rock ground	31.07.2014	04.08.2014			
AT-SQY-CH0007001-0058	0	SQY-CH0007001-0066	Using non-scarification on the as-built overbreak concrete surface at the upstream of spillway where will connect with the upstream-west side.	05-Aug-14	08-Aug-14			
		SQY-CH0007001-0066						
AT-SQY-CH0007001-0059	0	SQY-CH0007001-0067	Request to provide the list of embedded elemenets (dimension and weight) of the Powerhouse First concrete phase of your subcontractor Andritz.	09.08.2014	25.08.2014			
AT-SQY-CH0007001-0060	0	SQY-CH0007001-0068	Request to change the formwork dimensions of 2 pours on the Spillway Piers, deleting the construction joints and unifying the smaller pours to the bigger ones.	12.08.2014	18.08.2014			
AT-SQY-CH0007001-0061	0	SQY-CH0007001-0069	Inconsistency between no. 2 dwg of SNC lavalin re: waterstop on the intake unit 2 & 3	12.08.2014	19.08.2014			
AT-SQY-CH0007001-0062	0	SQY-CH0007001-0075	In the red copies received, about the Center Transition Dam, there is a reference to a "future ECN," but we don't have any ECN with the change written.	21.08.2014	26.08.2014			
AT-SQY-CH0007001-0063	0	SQY-CH0007001-0070	Spillway base slab and technical specification 03 30 00 secton 3.8.4	15.08.2014	17.08.2014			
AT-SQY-CH0007001-0064	0	SQY-CH0007001-0071	Reinforcing steel in the spillway base slab.	15.08.2014				
AT-SQY-CH0007001-0065	0	SQY-CH0007001-0072	Need to see the clashes between different parts of the powerhouse and spillway, to bring these pieces into their final location.	19.08.2014	25.08.2014			
AT-SQY-CH0007001-0066	0	SQY-CH0007001-0073	Astaldi purposes to cut the 30M top bars and insert new 30M bars below the clamping bars and plates.	13.08.2014	21.08.2014			
AT-SQY-CH0007001-0067	0	SQY-CH0007001-0074	Astaldi request approval regarding the slump adjustment method for the spillway concrete mix A2-5	20.08.2014	26.08.2014			
AT-SQY-CH0007001-0068	0	SQY-CH0007001-0078	Astaldi ask to have editable files for mechancial and electrical drawings of SNC design of the power house in order to: 1.) Better understand and estimate the quantity of all the systems. 2.) Check and proceed with verification and purpose solutions to solve the clashes with the temporary structure of the ICS.	20.08.2014	28.08.2014			
AT-SQY-CH0007001-0069	0	SQY-CH0007001-0076	In some parts of the structure (intake and powerhouse) we have found particular waterstop intersections. Insome cases we have similar intersections, but different angles.	21.08.2014	25.08.2014			
AT-SQY-CH0007001-0070	0	SQY-CH0007001-0077	After the rock survey the real rok profile between the spillway and the center transition dam it is not possibel to install the waterstop in the rock.	21.08.2014	26.08.2014			
AT-SQY-CH0007001-0071	0	SQY-CH0007001-0079	South and Center transiton dam has note 3 that indicates the class of the concrete.	22.08.2014	25.08.2014			
AT-SQY-CH0007001-0072	0	SQY-CH0007001-0080	The embedded conduits are very close to the embedded part of the guard-rail.	22.08.2014				
AT-SQY-CH0007001-0073	0	SQY-CH0007001-0081	Modification in the pours of the retaining wall (WL)	27.08.2014	02.09.2014			
AT-SQY-CH0007001-0074	0	SQY-CH0007001-0082	Astaldi request to weld non-structural rebar to use as additional support for the structural rebar durng the pouring of blocks in the spillway base slab in order to avoid rebar cage moving.	28.08.2014	28.08.2014			

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AT-SQY-CH0007001-0075	0	SQY-CH0007001-0083	"Waterstops may be bent about their weak axis to a minimum radius approved by Eng. Where ever a change in direction is required".	28.08.2014	04.09.2014			
AT-SQY-CH0007001-0076	0	SQY-CH0007001-0084	Astaldi requires clarification about the inconsistency between two drawings form the design.	04.09.2014	05.09.2014			
AT-SQY-CH0007001-0077	0	SQY-CH0007001-0085	CENTRE TRANSITION DAM - ELEVATED DECK	03.09.2014	03.09.2014			
AT-SQY-CH0007001-0078	0	SQY-CH0007001-0089	SPILLWAY PIERS - GATE GUIDE	04.09.2014	07.09.2014			
AT-SQY-CH0007001-0079	0	SQY-CH0007001-0086	In order to achieve the best protecton during winter for concrete pouring, we are providing a winter shelter for the spillway in order to allow the pouring during cold periods. "NOT ADMISSIBLE, THIS REQUEST SHOULD BE CONCESSION REQUEST."	04.09.2014	05.09.2014			
AT-SQY-CH0007001-0080	0	SQY-CH0007001-0087	In order to achieve the rock reconstitution of the line A - Upstream Powerhouse a rock demolition is needed.	05.09.2014	10.09.2014			
AT-SQY-CH0007001-0081	0	SQY-CH0007001-0088	We need information from the designer about the final position to be placed SWB2A-00 pour of the spillway base slab.	06.09.2014	08.09.2014			
AT-SQY-CH0007001-0082	0	SQY-CH0007001-0091	Confirm size of bars for unit 1, 25M or 30M?	08.09.2014	12.09.2014			
AT-SQY-CH0007001-0083	0	SQY-CH0007001-0092	SECTION E-E/3310-CV-SN-0042-01	03.09.2014	12.09.2014			
AT-SQY-CH0007001-0084	0	SQY-CH0007001-0090	Astaldi would like to know if there will be a requirement or reinforcing dowels in this location.	09.09.2014	12.09.2014			
AT-SQY-CH0007001-0085	0	SQY-CH0007001-0102	Require informationfrom the designer about the final position of the thermistor and uplift gauge to be placed on pours.	27.09.2014	30.09.2014			
AT-SQY-CH0007001-0086	0	SQY-CH0007001-0093	Perform earth loop test and resistance tests using method appropriate to site conditions and to accept engineer and local authority havng jurisdicition.	30.08.2014	11.09.2014			
AT-SQY-CH0007001-0087	0	SQY-CH0007001-0094	We are not able to find any details about the column type 15. We need details for anchors embedment.	12.09.2014	15.09.2014			
AT-SQY-CH0007001-0088	0							
AT-SQY-CH0007001-0089	0	SQY-CH0007001-0097	How to place the waterstop.	16.09.2014	23.09.2014			
AT-SQY-CH0007001-0089	1	SQY-CH0007001-0097	Hydrolite waterstop for construction joint	04.12.2014	05.12.2014			
AT-SQY-CH0007001-0090	0	SQY-CH0007001-0098	There is inconsistency in the dwg from the designer. We need to know what is the right distance between the waterstops.	16.09.2014	22.09.2014			
AT-SQY-CH0007001-0091	1	SQY-CH0007001-0095	1.) Request for original ase survey under crusher feed stockpile on C2 pad. 2) Quanity of crusher feed stockpile that was surveyed in April 2014 by Edwards.	15.09.2014	17.09.2014			
AT-SQY-CH0007001-0092	0	SQY-CH0007001-0099	Please provide detail about the drawing number recall in dwg MFA-SN-CD-3320-CV-SN-0007-05. We need to understand if there are some embedded parts to be cast in the pour.	20.09.2014	23.09.2014			
AT-SQY-CH0007001-0093	0	SQY-CH0007001-0100	There are some problems with the waterstop, that has been left in the same elevation and is not well placed in the pour. Provide additional information/modification about this item.	20.09.2014	26.09.2016			
AT-SQY-CH0007001-0094	0	SQY-CH0007001-0101	There is a little clash between waterstop and rigid PVC conduit on the south service bay, pour SBU1A-01. We had to modify the EL of the out of the PVC conduit, now specified by the Engineer at El-21.60.	20.09.2014	22.09.2014			
AT-SQY-CH0007001-0095	0	SQY-CH0007001-0105	Intake deck at El+45.50	02.10.2014	03.10.2014			
AT-SQY-CH0007001-0096	0	SQY-CH0007001-0103	Additional Laps for Tbars-GENERAL	29.09.2014	01.10.2014			
AT-SQY-CH0007001-0097	0	SQY-CH0007001-0104	In order to finalize all our considerations on the dewatering system for the powerhouse and the spillway we wish to receive a copy of the as build drawings for the U/S and D/S cofferdams of the power house and spillway with the type of material indicated.	02.10.2014	03.10.2014			
AT-SQY-CH0007001-0098	0	SQY-CH0007001-0106	South Service Bay, dimensions to be defined.	02.10.2014	08.10.2014			
AT-SQY-CH0007001-0099	0	SQY-CH0007001-0106	Safety post details	02.10.2014	03.10.2014			

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AT-SQY-CH0007001-0100	0	SQY-CH0007001-0108	Stairs No.11 attachment details: Please provide additional information about the stairs no.11 on the south service bay. 1.) Correct position of the rod for the stair base joint. 2.) Connection between the slab on the rock and the pilaster/landing slab.	02.10.2014	08.10.2014			
AT-SQY-CH0007001-0101	0	SQY-CH0007001-0109	Intake - Gate hoist building provide clarification about the revision C3 of the isometric view MFA-SN-CD-3220-CV-IS-0001_C3. There are a lot of changes that are not clear and are not consistent wth the geometry of the building.	02.10.2014	08.10.2014			
AT-SQY-CH0007001-0102	0	SQY-CH0007001-0110	South Service Bay, drainage holes provide drawing the dwg (MFA-SN-CD-320-CV-PL-0020) reported in the attached drawing.	02.10.2014	08.10.2014			
AT-SQY-CH0007001-0103	0	SQY-CH0007001-0111	Embedded grounding and conduits - Detail 10	02.10.2014	03.10.2014			
AT-SQY-CH0007001-0104	0	SQY-CH0007001-0113	In the zone where the SEPERATION WALL is linked to the CENTER TRANSITION DAM.	04.10.2014	24.10.2014			
AT-SQY-CH0007001-0105	0	SQY-CH0007001-0112	Redundant clash between Andritz elements and waterstop	04.10.2014	07.10.2014			
AT-SQY-CH0007001-0106	0	SQY-CH0007001-0114	Native files of SNC Lavalin drawings	07.10.2014	10.10.2014			
AT-SQY-CH0007001-0107	0	SQY-CH0007001-0115	Missing drawings for grounding and conduits - Generator floor EL 15.50	07.10.2014	08.10.2014			
AT-SQY-CH0007001-0108	0	SQY-CH0007001-0116	Request for all rock scan & asbuilts for powerhouse & spillway for planning purposes	10.10.2014	14.10.2014			
AT-SQY-CH0007001-0109	0	SQY-CH0007001-0117	Proposal of set of drawings for built-in place formworks	13.10.2014	15.10.2014			
AT-SQY-CH0007001-0110	0	SQY-CH0007001-0118	Change the pour sequence forporing the first lift of monolith 3	11.10.2014	14.10.2014			
AT-SQY-CH0007001-0111	1	SQY-CH0007001-0119	Curtain grouting pipes predisposition on the first lift (CTU3A-01) on Centre Transition Dam	13.10.2014	14.10.2014			
AT-SQY-CH0007001-0120	0	SQY-CH0007001-0120	Concrete curing temperature data reporting.	13.10.2014	14.10.2014			
AT-SQY-CH0007001-0121	0	SQY-CH0007001-0121	Use of stayform for the penetrated bulkhead in the piers of the intake.	15.10.2014	16.10.2014			
AT-SQY-CH0007001-0122	0	SQY-CH0007001-0122	Discrepancy between two grid lines.	21.10.2014	22.10.2014			
AT-SQY-CH0007001-0123	0	SQY-CH0007001-0123	Standard piping details - plate detail S-A04	24.10.2014	27.10.2014			
AT-SQY-CH0007001-0124	0	SQY-CH0007001-0124	Extension of overbreak concrete for spillway pier formwork support (Downstream side)	24.10.2014	02.11.2014			
AT-SQY-CH0007001-0125	0	SQY-CH0007001-0125	Standard piping details - plate details - 30" plate cap	24.10.2014	25.10.2014			
AT-SQY-CH0007001-0126	1	SQY-CH0007001-0126	Contractor would like to know if the orientation shown for the powerhouse is based on Centerline Unit 1 and Centreline of units is correct.	31.10.2014	03.11.2014			
AT-SQY-CH0007001-0127	0	SQY-CH0007001-0127	Horizontal bar's spacing in stair shaft of the powerhouse semi-spiral case all units.	05.11.2014	13.11.2014			
AT-SQY-CH0007001-0128	0	SQY-CH0007001-0128	Specifications/Questions about AGF dwg - General comments (red copies) clarificatons.	05.11.2014				
AT-SQY-CH0007001-0129	0	SQY-CH0007001-0129	Drain line	06.11.2014	12.11.2014			
AT-SQY-CH0007001-0130	0	SQY-CH0007001-0130	Realization of drainage hole to be drilled in rock on south service bay - lower part	11.11.2014	14.11.2014			
AT-SQY-CH0007001-0131	0	SQY-CH0007001-0131	Embedment of placing booms on the powerhouse area (draft tube & intake)	11.11.2014	12.11.2014			
AT-SQY-CH0007001-0132	0	SQY-CH0007001-0132	North Service Bay Foundation rock interference	12.11.2014	19.11.2014			

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AT-SQY-CH0007001-0133	0	SQY-CH0007001-0133	Native file for ddrawing 505573-3241-42DK-00120attached to CHR-CH0007001-0020	12.11.2014	13.11.2014			
AT-SQY-CH0007001-0134	0	SQY-CH0007001-0134	Consent from the company to occupy additonal 305sm for the project control trailer in the main office laydown area.	13.11.2014	14.11.2014			
AT-SQY-CH0007001-0135	0	SQY-CH0007001-0135	Rock reconstruction in the intake 1/south service bay area.	15.11.2014	24.11.2014			
AT-SQY-CH0007001-0136	0	SQY-CH0007001-0136	Powerhouse missing pipes drawings	19.11.2014	24.11.2014			
AT-SQY-CH0007001-0137	0	SQY-CH0007001-0137	Clarification for procedures/interface for pipes operations	20.11.2014	25.11.2014			
AT-SQY-CH0007001-0138	0	SQY-CH0007001-0138	Details about waterstop type WSM in powerhouse area (Semi-spirale case)	20.11.2014	21.11.2014			
AT-SQY-CH0007001-0139	0	SQY-CH0007001-0139	Control points on spillway base slbas and pier walls	20.11.2014	01.12.2014			
AT-SQY-CH0007001-0140	0	SQY-CH0007001-0140	3D models for Andritz embedded elements in the powerhouse.	20.11.2014	24.11.2014			
AT-SQY-CH0007001-0141	0	SQY-CH0007001-0141	South Service Bay - Clash between PVC conduits and CJ/waterstop at EL+9.40	20.11.2014	25.11.2014			
AT-SQY-CH0007001-0142	0	SQY-CH0007001-0142	Spillway upstream permanent bridge - Dowels location in bearing plates.	21.11.2014	24.11.2014			
AT-SQY-CH0007001-0143	0	SQY-CH0007001-0143	Temperature thermistor range to change for spillway	21.11.2014	25.11.2014			
AT-SQY-CH0007001-0144	0	SQY-CH0007001-0144	Oversize bent bars for transportation, powerhouse semi-spiral case, unit 1	21.11.2014	25/11/2014			
AT-SQY-CH0007001-0145	0	SQY-CH0007001-0145	Powerhouse missing pipes drawings	22.11.2014	29.11.2014			
AT-SQY-CH0007001-0146	0	SQY-CH0007001-0146	Intake dimensions above hydraulic passage	24.11.2014	25/11/2014			
AT-SQY-CH0007001-0147	0	SQY-CH0007001-0147	Spillway Rock As-Built	24.11.2014	02/12/2014			
AT-SQY-CH0007001-0148	0	SQY-CH0007001-0148	Embedded anchors type 5A in South Service Bay - EL.+6.50	27.11.2014	27.11.2014			
AT-SQY-CH0007001-0149	0	SQY-CH0007001-0149	Filter assembly	25.11.2014	28.11.2014			
AT-SQY-CH0007001-0150	0	SQY-CH0007001-0150	Steel beam inconsistency on the powerhouse line A, tos +14.96	28/11/2014	01.12.2014			
AT-SQY-CH0007001-0151	0	SQY-CH0007001-0151	Elevation inconsistency in powerhouse steel structure, elevation on line A axis 3 and 4	28/11/2014	01.12.2014			
AT-SQY-CH0007001-0152	0	SQY-CH0007001-0152	Undetailed column in powerhouse, grids D5 and 6.7	28/11/2014	01/12/2014			
AT-SQY-CH0007001-0153	0	SQY-CH0007001-0153	Man-hole relocation between axis 11.5 and 12 on M1 roof plan	28/11/2014	01/12/2014			
AT-SQY-CH0007001-0154	0	SQY-CH0007001-0154	Powerhouse steel structure - base plate type 10 instead of 9	28/11/2014	01/12/2014			
AT-SQY-CH0007001-0155	0	SQY-CH0007001-0155	Missing posts between 19 & 20	28/11/2014	01/12/2014			
AT-SQY-CH0007001-0156	0	SQY-CH0007001-0156	Architectural wall - concrete block width in mezzanine M2	28/11/2014	01/12/2014			
AT-SQY-CH0007001-0157	0	SQY-CH0007001-0157	Powerhouse steel structure - missing beam at mechanical room	28/11/2014	01/12/2014			
AT-SQY-CH0007001-0158	0	SQY-CH0007001-0158	Powerhouse steel structure - missing beam at M1 line 1	28/11/2014	01/12/2014			

ASTALDI CANADA Inc.

LOWER CHURCHILL PROJECT – MUSKRAT FALLS

CH0007: CONSTRUCTION OF INTAKE AND POWER HOUSE, SPILLWAY AND TRANSITION DAMS

Site Query Log

						COST/ Impact		Change Request No.
Site Query No.	Rev No.	Aconex Ref.	TITLE	Date of Issue	Date of Response	Yes	No	
AT-SQY-CH0007001-0159	0	SQY-CH0007001-0159	Draft tube all units - Lift between EL -15.10 and -17.55	02/12/2014	03.12.2014			
AT-SQY-CH0007001-0160	0	SQY-CH0007001-0160	Geotechnical Report/ Properties of GD8 Material	01/12/2014	04.12.2014			
AT-SQY-CH0007001-0161	0	SQY-CH0007001-0161	Powerhouse steel superstructure - Girt connection	03.12.2014	04.12.2014			
AT-SQY-CH0007001-0162	0	SQY-CH0007001-0162	Gantrex Rail Specification	03/12/2014	04.12.2014			
AT-SQY-CH0007001-0163	0		Shop drawings procedure for miscellaneous steel	04.12.2014				
AT-SQY-CH0007001-0164	0	SQY-CH0007001-0164	Grounding and cables - Detail 1.1 in CONTRJ between South Service Bay and Trailrace Unit 1 - Generator floor	04.12.2014	05.12.2014			
AT-SQY-CH0007001-0165	0	SQY-CH0007001-0165	South Service Bay-Inconsistency between ME and CV drawings	04.12.2014	05.12.2014			
AT-SQY-CH0007001-0166	0		Spillway piers - Access gallery EL 41.00 - Andritz door template	09.12.2014				
AT-SQY-CH0007001-0167	0	SQY-CH0007001-0167	Centre transition dam - Misc. steel - bent plate at wabo evazote uv seal	09.12.2014	10.12.2014			
AT-SQY-CH0007001-0168	0	SQY-CH0007001-0168	Draft tube Stoplog - Problem with Andritz template (mirror)	11.12.2014	15.12.2014			
AT-SQY-CH0007001-0169	0		Powerhouse steel structure - Posts on elevation line C.6, near line 2	10.12.2014				
AT-SQY-CH0007001-0170	0		Powerhouse steel structure - Channels Ch180 Along Line E	10.12.2014				
AT-SQY-CH0007001-0171	0	SQY-CH0007001-0171	Powerhouse - Missing detail for grounding of column BB-8	11.12.2014	12.12.2014			
AT-SQY-CH0007001-0172	0	SQY-CH0007001-0172	Tailrace deck -Guardrail grounding clarification	11.12.2014	15.12.2014			
AT-SQY-CH0007001-0173	0	SQY-CH0007001-0173	Clarification in red copies of spillway north pier lift SWPND-05	11.12.2014	12.12.2014			
AT-SQY-CH0007001-0174	0	SQY-CH0007001-0174	Stirrups in thick base slabs	13.12.2014	15.12.2014			
AT-SQY-CH0007001-0175	0	SQY-CH0007001-0175	Intake roller gate-Wrong indications on detail	13.12.2014	17.12.2014			
AT-SQY-CH0007001-0176	0	SQY-CH0007001-0176	Hand written elevations and inconsistency in south service bay section	13.12.2014	15.12.2014			
AT-SQY-CH0007001-0177	0	SQY-CH0007001-0177	Muskrat Falls - As -Built Undergroud Utilities from previous contract	15.12.2014	17.12.2014			
AT-SQY-CH0007001-0178	0		Powerhouse - Deck at EL. 15.50 - Details of generator floor and trailrace deck embedded sleeves	18.12.2014				
AT-SQY-CH0007001-0179	0		Draft tube - Missing information about andritz templates general location in north gate	19.12.2014				

Appendix H: Monthly Cost Report

Contract nr.: CH0007-001
Construction of Powerhouse, Spillway and Transition Dams
EARN VALUE ANALYSYS up to:

27-Dec-14

- OVERALL PROJECT HOURS and Lab COST -

	CONTRACTUAL BUDGET		CUMULATIVE TO DATE				FORECAST			
	TOTAL HOURS **BACh**	COST OF LABOUR ($CAD) **BACc**	Cumulative Earn/Planned Man Hours up to: 27-Dec-14 **PVh**	Actual Man Hours up to: 27-Dec-14 **ACh**	Variance Hours up to: 27-Dec-14 **Vh = PVh - ACh**	Estimated Cost Variance ($CAD) up to: 27-Dec-14 **CV**	Estimation TO Complete **ETCh**	Estimation AT Completion **EACh=ACh+ETCh**	Variation AT Completion hours **VACh=BACh-EACh**	Variation AT Completion CAD **VACc**
INDIRECT	hours	CAD	hours	hours	hours	CAD	hours	hours	hours	CAD
INDIRECT COSTS	3,691,754.39	307,785,475	1,063,783	1,769,090	-705,308	-54,761,014	2,796,502	4,565,592	-873,838	-68,088,548
GENERAL	31,280.25	2,480,645	3,019	19,671	-16,652	-1,328,047	28,261	47,932	-16,822	-1,328,047
WORK EXECUTED FOR COMP.'S OTHER CONTRACTORS	27,140.08	2,179,112	0	0	0	0	27,140	27,140	0	0
TOTAL INDIRECT	**3,750,174.72**	**312,445,231**	**1,066,802**	**1,788,761**	**-721,960**	**-56,089,061**	**2,851,903**	**4,640,664**	**-890,660**	**-69,416,595**
	TOTAL HOURS **BACh**	COST OF LABOUR ($CAD) **BACc**	Cumulative Earn Man Hours up to: 27-Dec-14 **EVh**	Actual Man Hours up to: 27-Dec-14 **ACh**	Variance Hours up to: 27-Dec-14 **Vh = PV - AC**	Estimated Cost Variance ($CAD) up to: 27-Dec-14 **CV**	ETC HOURS	EAC HOURS	VAC HOURS	VAC CAD
DIRECT										
ACCESS ROAD ACCESS RAMPS AND PADS	4,381	348,918	0	0	0	0	4,381	4,381	0	0
DAMS AND SEPARATION WALL	281,011	21,434,981	27,393	111,212	-83,819	-6,981,621	241,645	352,857	-71,846	-6,981,621
SPILLWAY STRUCTURE	439,319	33,062,099	113,861	337,555	-223,694	-19,151,760	325,458	663,013	-223,694	-19,151,760
SPILLWAY BRIDGES & SPILLWAY DISCHARGE CHANNEL (phase 1)	41,064	3,176,345	0	0	0	0	40,572	40,572	492	0
INTAKE	983,329	74,653,744	9,005	44,066	-35,061	-2,921,064	974,324	1,018,390	-35,061	-2,921,064
POWER HOUSE	1,042,863	79,206,442	1,700	14,896	-13,196	-1,123,885	1,041,166	1,056,062	-13,199	-1,123,885
INATAKE & POWER HOUSE SUPERSTRUCTURE	171,999	13,851,099	0	0	0	0	171,999	171,999	-0	0
TURBINE GENERATOR AND ANCILLARIES	74,300	6,544,918	0	0	0	0	74,300	74,300	0	0
SPILLWAY DISCHARGE CHANNELS (phase 2 and 3)	38,077	2,874,559	0	0	0	0	38,077	38,077	0	0
TOTAL DIRECT	**3,076,344**	**235,153,105**	**151,959**	**507,729**	**-355,770**	**-30,178,330**	**2,911,922**	**3,419,651**	**-343,307**	**-30,178,330**
GRAND TOTAL INDIRECT + DIRECT	**6,826,519**	**547,598,336**	**1,218,761**	**2,296,490**	**-1,077,730**	**-86,267,391**	**5,763,825**	**8,060,315**	**-1,233,967**	**-99,594,925**

NOTES:

1) The variances described above are under evaluation and analysis; Detailed results on those evaluation will be part of a separate report.

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ASTALDI CANADA Inc.

Contract nr.: CH0007-001

Construction of Powerhouse, Spillway and Transition Dams

EARN VALUE ANALYSYS for INDIRECTS up to:

27-Dec-14

-INDIRECT DETAIL REPORT -

						CONTRACTUAL HOURS & Lab.COST		CUMULATIVE TO DATE						FORECAST AT COMPLETION			
	2	0000		INDIRECT COSTS	UNIT OF MEASURE	TOTAL CONTRACTUAL HOURS	COST OF LABOUR (CAD)	Current period % complete up to: 27-Dec-14	Cumulative EARNED/PLANNED Man Hours up to: 27-Dec-14	Actual Man Hours (AC) up to: 27-Dec-14	Variance Hours	U.P. (contractual CAD/hour)	Estimated Cost Variance (CAD)	Estimation TO complete (Hours)	Estimation AT completion (Hours)	Variance AT completion (Hours)	Variance AT completion (CAD)
						BAC	C = Q x B	%	Eh = % x BAC	AC	Vh =Eh - AC	u.p.	cv = u.p. x Vh	ETC	EAC = AC + ETC	VAC (H) = BAC - EAC	VAC (CAD) = VAC(H) x u.p.
1	2.1		0000.01	Mobilization	LS	0	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
2	2.2		0000.02	Site Installation	LS	71,519	5,668,063	93.88%	67,139	273,187	-206,048	79.3	-16,329,840	11,200	284,387	-212,868	-16,870,336
3	2.3		0000.03	Contractor Equipment for Indirects	LS	164,938	13,197,861	34.80%	57,402	47,546	9,857	80.0	788,700	147,621	195,167	-30,228	-2,418,791
4	2.4		0000.04	Temporary Works	LS	40,873	3,246,714	98.09%	40,093	64,523	-24,430	79.4	-1,940,569	7,100	71,623	-30,750	-2,442,608
5	2.5		0000.05	Winter Protection	LS	68,850	5,531,277	38.75%	26,680	297,608	-270,928	80.3	-21,765,984	45,537	343,145	-274,296	-22,036,517
6	2.6		0000.06	Management and Staff	LS	1,982,044	172,483,726	26.08%	516,933	345,458	171,475	87.0	14,922,325	1,463,600	1,809,058	172,986	15,053,809
6A	2.6A		0000.06A	Design and Technical Assistance	LS	131,000	10,508,344	26.56%	34,800	61,309	-26,509	80.2	-2,126,436	167,400	228,709	-97,709	-7,837,841
7	2.7		0000.07	Attendant labour	LS	736,610	58,375,032	25.26%	186,035	472,269	-286,234	79.2	-22,683,567	568,270	1,040,539	-303,929	-24,085,864
8	2.8		0000.08	Services	LS	50,821	3,960,856	34.80%	17,687	38,517	-20,830	77.9	-1,623,476	31,461	69,978	-19,157	-1,493,078
9	2.9		0000.09	Employee Training	LS	31,450	2,420,324	32.87%	10,337	25,267	-14,930	77.0	-1,149,006	21,113	46,380	-14,930	-1,148,963
10	2.10		0000.10	Health and Safety Requirements	LS	116,000	8,845,020	24.83%	28,800	55,466	-26,666	76.3	-2,033,288	122,400	177,866	-61,866	-4,717,294
11	2.11		0000.11	Environmental Requirements	LS	32,400	2,556,203	25.93%	8,400	16,706	-8,306	78.9	-655,338	28,800	45,506	-13,106	-1,034,035
12	2.12		0000.12	Quality Assurance / Quality Control	LS	175,800	13,799,281	26.96%	47,400	35,274	12,126	78.5	951,829	128,400	163,674	12,126	951,829
13	2.13		0000.13	Letters of Credit	LS	0	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
14	2.14		0000.14	Parent Guarantee	LS	0	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
15	2.15		0000.15	Contractor Insurance, per Article 18 of the Agreement	LS	0	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
16	2.16		0000.16	Warranty, per Article 17 of the Agreement	LS	0	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
17	2.17		0000.17	Site Maintenance	LS	89,450	7,192,771	24.68%	22,077	35,960	-13,883	80.4	-1,116,364	53,600	89,560	-110	-8,858
18	2.18		0000.18	Financing, Contingency, Head Office Overheads, & Consultant Fees	LS	0	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
19	2.19		0000.19	Demobilization	LS	0	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
19A	2.19A		0000.19A	Estimate of Travel Allowances - Trades Labour	NA	0	0	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
				SUB-TOTAL INDIRECT		**3,691,754**	307,785,475	SUB-TOTAL INDIRECT	**1,063,782.50**	**1,769,090.19**	-705,308		-54,761,014	2,796,502	**4,565,592**	**-873,838**	-68,088,548
	3	0000		**GENERAL**													
	3.2		1120	**DEWATERING OF STRUCTURE AREAS**													
26	3.2.1		1120.01	Dewatering structure Areas	LS	10,863	866,271	26.08%	2,833	19,422	-16,589	79.7	-1,322,985	8,029	27,452	-16,589	-1,322,985
	3.3		1150	**TEMPORARY BRIDGE**													
27	3.3.1		1150.01	Temporary Downstream Bridge over the Spillway	LS	7,953	598,480	0.00%	0	0	0.00	75.26	0	7,953	7,953	0	0
	3.4		1170	**CONSTRUCTION CRANE**													
28	3.4.1		1170.01	Powerhouse – Construction Crane	LS	9,936	816,283	0.00%	0	0	0.00	82.15	0	9,936	9,936	0	0
	3.5		1180	**Temporary Heating, Ventilating and Lighting of Powerhouse**													
29	3.5.1		1180.01	Temporary Heating, Ventilating and Lighting of Powerhouse	LS	1,801	141,041	0.00%	0	0	0.00	78.31	0	1,801	1,801	0	0
	3.6		1190	**Chain Link Fences and Gates**													
30	3.6.1		1190.01	Chain Link Fences and Gates in the Powerhouse Parking and Contractor's Laydown Areas	m	65	5,049	0.00%	0	0	0.00	77.7	0	65	65	0	0
	3.7		1200	**Temporary Lateral Support and Bracings**													
31	3.7.1		1200.01	Temporary Lateral Support and Bracings for Piers of the Spillway	LS	290	23,433	0.00%	0	0	0.00	80.74	0	290	290	0	0
	3.8		1210	**Anchor Points**													
32	3.8.1		1210.01	Anchor Points at Powerhouse and Spillway	each	373	30,088	50.00%	186	249	-63	80.7	-5,061	186	435	-63	-5,061
						31,280	2,480,645		3,019	**19,671**	-16,652	554.7	-1,328,047	28,261	**47,932**	**-16,652**	**-1,328,047**
	9.1		3510	**Work executed for company's other contractor**													
389	9.1.1		3510.01	Supply of Secondar Concrete - Class A2	m3	8,850	710,550							8,850	8,850	0	0
390	9.1.2		3510.02	Supply of Concrete Class A	m3	1,180	94,740							1,180	1,180	0	0
391	9.1.3		3510.03	Supply of Concrete - Class B	m3	17,110	1,373,730							17,110	17,110	0	0
				SUB-TOTAL Work executed for compamy's other contractor		**27,140**	2,179,020		0	0	0	0.0	0	27,140	27,140	0	0
				SUB-TOTAL GENERAL		**58,420**	4,659,665	SUB-TOTAL GENERAL	**3,019.35**	**19,671.49**	-16,652	554.66	-1,328,047	55,401	**75,072**	**-16,652**	-1,328,047
				GRAND TOTAL		**3,750,175**	**312,445,139**	**GRAND TOTAL**	**1,066,802**	**1,788,762**	**-721,960**		**-56,089,061**	**2,851,903**	**4,640,664**	**-890,490**	**-69,416,595**

Earned Value Analysis for DIRECTS

- DIRECT SUMMARY REPORT -

ASTALDI CANADA Inc.

Start Date of Reporting Period November-30-14

End Date of Reporting Period December-27-14

Structure	Total Contractual Hours	PREVIOUS PERIOD				CURRENT PERIOD				CUMULATIVE TO DATE					FORECAST	
		% Complete	Earned Hours	Actual Hours	Productivity Index	% Complete	Earned Hours	Actual Hours	Productivity Index	% Complete	Earned Hours	Actual Hours	Variance Hours = EVh - ACh	Productivity Index =EVh/ACh	Estimate at Completion Hours	Variance AT Completion Hours
	BACh	%.prev	EVh.prev	ACc.prev	PI.prev	%.curr	EVh.curr	ACh.curr	Pi.curr	%	EVh	ACh	Vh	Pi	EACh	VACh
North Transition Dam	39,638	0.00%	-	36	-	0.00%	-	-	-	0.00%	0	36	-36	-	39,638	0
Centre Transition Dam	138,240	8.01%	11,079	51,539	0.2	0.64%	880	4,856	0.2	8.65%	11,959	56,396	-44,436	0.212	182,676	-44,436
South Transition Dam	48,403	9.38%	4,540	22,466	0.2	0.00%	-	431	-	9.38%	4,540	22,897	-18,357	0.20	66,760	-18,357
Separation Wall	54,731	18.79%	10,283	30,024	0.3	1.11%	610	1,860	0.3	19.90%	10,893	31,884	-20,990	0.34	63,783	-20,990
Dams and Seperation Wall Area	281,011	9.22%	25,902	104,066	0.2	0.53%	1,490	7,146	0.2	9.75%	27,393	111,212	-83,819	0.246	352,857	-83,784
Spillway Structure	439,319	24.02%	105,536	312,518	0.3	1.90%	8,325	25,037	0.3	25.92%	113,861	337,555	-223,694	0.337	663,013	-223,694
Spillway Bridges	14,183		-	-	-	0.00%	-	-	-	0.00%	0	0	0	-	14,183	0
Spillway Discharge Channel - Phase 1	26,389		-	-	-	0.00%	-	-	-	0.00%	0	0		-	26,389	0
Spillway Area	479,891	21.99%	105,536	312,518	0.3	1.73%	8,325	25,037	0.3	23.73%	113,861	337,555	-223,694	0.337	703,585	-223,694
Intake Structure	983,329	0.90%	8,832	43,393	0.2	0.02%	174	673	0.3	0.92%	9,005	44,066	-35,060	0.204	1,018,390	-35,060
Powerhouse Substructure	1,042,866	0.11%	1,191	13,575	0.1	0.05%	509	1,320	0.4	0.16%	1,700	14,896	-13,196	0.11	1,056,062	-13,196
Intake & Powerhouse Superstructure	171,999		-	-	-	0.00%	-	-	-	0.00%	0	0	0	-	171,999	0
Turbine Generator & Ancillaries	74,300			-	-	0.00%	-	-	-	0.00%	0	0	0	-	74,300	0
Powerhouse Area	1,289,165	0.09%	1,191	13,575	0.1	0.04%	509.11	1,320	0.4	0.13%	1,700	14,896	-13,196	0.11	1,302,361	-13,196
General Direct Work	4,381	0.00%	-	-	-	0.00%	-	-	-	0.00%	0	0		-	4,381	0
Miscellaneous	4,381	0.00%	-	-	-	0.00%	-	-	-	0.00%	0	0		-	4,381	0
Sub Total	**3,037,778**	**4.66%**	**141,461**	**473,553**	**0.3**	**0.35%**	**10,498**	**34,177**	**0.3**	**5.00%**	**151,959**	**507,729**	**-355,770**	**0.299**	**3,381,574**	**-355,734**
Spillway Discharge Channel - Phase 2 (Optional)	12,626		-	-	-	0.00%	-	-	-	0.00%	0	0		-	12,626	0
Spillway Discharge Channel - Phase 3 (Optional)	25,452		-	-	-	0.00%	-	-	-	0.00%	0	0		-	25,452	0
Optional	38,077		-	-	-	0.00%	-	-	-	0.00%	0	0		-	38,077	0
Total (Original Scope of Work)	**3,075,855**	**4.6%**	**141,461**	**473,553**	**0.3**	**0.34%**	**10,498.46**	**34,177**	**0.3**	**4.94%**	**151,959**	**507,729**	**-355,770**	**0.299**	**3,419,651**	**-355,734**
Changes				64,402		-	-	-	-			64,402				
Rework				841		-	-	-	-			841				
GRAND Total (Overall Direct Work)			**141,461**	**538,796**	**0.3**	**0.0%**	**10,498.46**	**34,177**	**0.3**		**151,959**	**572,972**	**-355,770**			

End Date of Reporting Period December-27-14

Structure	Total Budgeted Cost (BAC)	PREVIOUS PERIOD				CURRENT PERIOD				CUMULATIVE TO DATE					FORECAST	
		% Complete	Earned Costs	Actual Costs	Cost Performance Index (CPI)	% Complete	Earned Costs	Actual Costs	Cost Performance Index (CPI)	% Complete	Earned Costs	Actual Costs	Variance Costs = EVc - Acc	Cost Performance Index (CPI)	Estimate at Completion Cost	Variance AT Completion Cost
		%.prev	EVc.prev	ACc.prev	PI.prev	%.curr	EVh.curr	ACh.curr	PI.curr	%	EVc	ACc	Vc	PI	EACc	VACc
North Transition Dam	3,034,336	0.00%	-	2,898	-	0.00%	-	-	-	0.00%	0	2,898	-2,898	-	3,037,233	-2,898
Centre Transition Dam	10,558,385	8.01%	846,170	4,228,851	0.2	0.64%	67,234	383,785	0.2	8.65%	913,404	4,612,636	-3,697,191	0.198	14,255,576	-3,697,191
South Transition Dam	3,700,899	9.38%	347,141	1,790,116	0.2	0.00%	-	35,141	-	9.38%	347,141	1,825,257	-1,475,405	0.19	5,176,305	-1,475,405
Separation Wall	4,141,361	18.79%	778,116	2,487,143	0.3	1.11%	46,162	149,613	0.3	19.90%	824,279	2,636,755	-1,812,477	0.31	5,947,488	-1,806,127
Dams and Seperation Wall Area	21,434,981	9.22%	1,975,777	8,509,008	0.2	0.53%	109,046	568,538	0.2	9.75%	2,084,823	9,077,546	-6,981,621	0.230	28,416,602	-6,981,621
Spillway Structure	32,766,127	24.02%	7,871,290	25,492,289	0.3	1.90%	620,930	1,941,538	0.3	25.92%	8,492,220	27,433,827	-19,151,760	0.310	51,917,887	-19,151,760
Spillway Bridges	1,162,470	0.00%	-	-	-	0.00%	-	-	-	0.00%	0			-	1,162,470	0
Spillway Discharge Channel - Phase 1	2,013,876	0.00%	-	-	-	0.00%	-	-	-	0.00%	0			-	2,013,876	0
Spillway Area	35,942,473	21.99%	7,871,290	25,492,289	0.3	1.73%	620,930	1,941,538	0.3	23.73%	8,492,220	27,433,827	-19,151,760	0.310	55,094,233	-19,151,760
Intake Structure	74,653,744	0.90%	670,493	3,540,511	0.2	0.02%	13,190	54,784	0.2	0.92%	683,683	3,595,295	-2,921,064	0.190	77,574,808	-2,921,064
Powerhouse Substructure	79,206,442	0.11%	90,429	1,130,515	0.1	0.05%	38,667	105,581	0.4	0.16%	129,097	1,236,095	-1,123,885	0.10	80,330,327	-1,123,885
Intake & Powerhouse Superstructure	13,851,100	0.00%	-	-	-	0.00%	-	-	-	0.00%	0			-	13,851,100	
Turbine Generator & Ancillaries	6,544,918	0.00%	-	-	-	0.00%	-	-	-	0.00%	0			-	6,544,918	
Powerhouse Area	99,602,460	0.09%	90,429	1,130,515	0.1	0.04%	38,667	105,581	0.4	0.13%	129,097	1,236,095	-1,123,885	0.10	100,726,346	-1,123,885
General Direct Work	348,919	0.00%	-		-	0.00%	-		-	0.00%	0			-	348,919	
Miscellaneous	348,919	0.00%	-	-	-	0.00%	-	-	-	0.00%	0	0		-	348,919	
Total	**231,982,577**	**4.66%**	**10,607,989**	**38,672,323**	**0.3**	**0.35%**	**781,833**	**2,670,441**	**0.3**	**5.00%**	**11,389,823**	**41,342,764**	**-30,178,329**	**0.275**	**262,160,907**	**-30,178,329**
Spillway Discharge Channel - Phase 2 (Optional)	947,027	0.00%	-		-	0.00%	-		-	0.00%	0					
Spillway Discharge Channel - Phase 3 (Optional)	1,927,533	0.00%	-		-	0.00%	-		-	0.00%	0					
Optional	2,874,560	0.00%	-	-	-	0.00%	-	-	-	0.00%	0	0				
Total (Original Scope of Work)	**234,857,137**	**4.60%**	**10,607,989**	**38,672,323**	**0.3**	**0.34%**	**781,833**	**2,670,441**	**0.3**	**4.94%**	**11,389,823**	**41,342,764**	**-30,178,329**	**0.275**	**262,160,907**	**-30,178,329**
Changes				5,241,067	-		-		-			5,241,067				
Rework				66,452	-		-		-			66,452				
Total (Overall Project)			**10,607,989**	**43,979,842**	**0.2**		**781,833.28**	**2,670,441**	**0.3**		**11,389,823**	**46,650,283**				

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

Productivity and Cost Report Summary

DRAFT

	Original Contract				Period Dec-14					Cumulative to Date 25-Dec-14							Estimate to Complete				Estimate at Completion					
Area	Hours	$ Labour	$ Non Labour	Total	% Complete	Planned Hrs	Actual Hrs	Variance Hrs	Total	% Complete	Planned Hrs	Actual Hrs	Variance Hrs	$ Labour	$ Non Labour	Total	Hrs	$ Labour	$ Non Labour	$ Amount	Hrs	Hrs Variance	$ Labour	$ Non Labour	$ Amount	$ Variance
Indirects	3,750,139	$ 307,977,115	$ 237,949,284	$ 545,926,399	0%	80,935	884,871	-	14,565,933	0%	1,042,173	1,810,074	(767,900.68)	$ 133,956,540	$ 76,027,514	209,984,054	2,830,453	$ 243,437,113	$ 161,921,770	$ 405,358,883	$ 4,640,527	$ 890,388	$ 377,393,653	$ 237,949,284	$ 615,342,937	$ 69,416,538
Subtotal Indirect	**3,750,139**	**$ 307,977,115**	**$ 237,949,284**	**$ 545,926,399**	**0%**	**80,935**	**884,871**	**-**	**14,565,933**	**0%**	**1,042,173**	**1,810,074**		**$ 133,956,540**	**$ 76,027,514**	**$ 209,984,054**	**2,830,453**	**$ 243,437,113**	**$ 161,921,770**	**$ 405,358,883**	**$ 4,640,527**	**$ 890,388**	**$ 377,393,653**	**$ 237,949,284**	**$ 615,342,937**	**$ 69,416,538**

Area	Hours	$ Labour	$ Non Labour	Total	% Complete	Earned Hrs	Actual Hrs	PF Earn / Exp	Total	% Complete	Earned Hrs	Actual Hrs	PF Earn / Exp	$ Labour	$ Non Labour	Total	Hrs	$ Labour	$ Non Labour	$ Amount	Hrs	Hrs Variance	$ Labour	$ Non Labour	$ Amount	$ Variance
Powerhouse	1,293,544	$ 99,951,379	$ 129,429,029	$ 229,380,408	0%	-	6,026	-	601,242.67	0%	173	19,602	0.01	$ 1,549,398	$ 232,786	$ 1,782,185	1,285,965	$ 99,525,866	$ 129,196,243	$ 228,722,109	1,305,567	$ 12,023	$ 101,075,264	$ 129,429,029	$ 230,504,294	$ 1,123,885
Intake	983,329	$ 74,653,744	$ 61,886,016	$ 136,539,761	0%	-	19,262	-	1,817,660.48	0%	8,019	62,655	0.13	$ 5,854,906	$ 978,150	$ 6,833,057	959,522	$ 71,719,903	$ 60,907,866	$ 132,627,768	1,022,177	$ 38,848	$ 77,574,809	$ 61,886,016	$ 139,460,825	$ 2,921,065
Spillway	453,988	$ 34,224,570	$ 31,164,499	$ 65,389,069	0%	-	138,727	-	12,223,610.88	0%	103,517	451,246	0.23	$ 33,784,577	$ 9,001,734	$ 42,786,311	205,465	$ 19,295,798	$ 22,162,765	$ 41,458,563	656,711	$ 202,723	$ 53,080,375	$ 31,164,499	$ 84,244,875	$ 18,855,806
Dams	281,011	$ 21,434,981	$ 17,190,557	$ 38,625,538	0%	-	46,195	-	4,050,935.89	0%	24,135	150,260	0.16	$ 10,969,860	$ 1,452,801	$ 12,422,661	230,936	$ 17,446,744	$ 15,737,756	$ 33,184,500	381,197	$ 100,185	$ 28,416,604	$ 17,190,557	$ 45,607,161	$ 6,981,623
Spillway Rollway	64,467	$ 4,888,435	$ 3,542,940	$ 8,431,375	0%	-	-	-	-	0%	-	-	-	$ -	$ 13,250	$ 13,250	64,467	$ 4,888,435	$ 3,529,690	$ 8,418,125	64,467	$ -	$ 4,888,435	$ 3,542,940	$ 8,431,375	$ -
Subtotal Directs	**3,076,339**	**$ 235,153,109**	**$ 243,213,041**	**$ 478,366,151**	**0%**	**-**	**210,210**	**-**	**$ 18,693,449.91**	**0%**	**135,844**	**683,762**	**0.20**	**$ 52,158,742**	**$ 11,678,722**	**$ 63,837,464**	**2,746,355**	**$ 212,876,746**	**$ 231,534,319**	**$ 444,411,065**	**3,430,118**	**$ 353,779**	**$ 265,035,488**	**$ 243,213,041**	**$ 508,248,529**	**$ 29,882,379**

Total (Pre Changes)	**6,826,478**	**$ 543,130,225**	**$ 481,162,325**	**$ 1,024,292,550**	**0%**	**80,935**	**1,095,081**		**$ 33,259,383**		**1,178,017**	**2,493,836**		**$ 186,115,282**	**$ 87,706,236**	**$ 273,821,518**	**5,576,809**	**$ 456,313,859**	**$ 393,456,089**	**$ 849,769,948**	**8,070,645**	**$ 1,244,167**	**$ 642,429,141**	**$ 481,162,325**	**$ 1,123,591,466**	**$ 99,298,916**
																								$ 4,151		

Area	Hours	$ Labour	$ Non Labour	Total	% Complete	Planned Hrs	Actual Hrs	Variance Hrs	Total	% Complete	Planned Hrs	Actual Hrs	PF Earn / Exp	$ Labour	$ Non Labour	Total	Hrs	$ Labour	$ Non Labour	$ Amount	Hrs	Hrs Variance	$ Labour	$ Non Labour	$ Amount	$ Variance
Change Orders	-	$ -	$ -	$ -	0%	-	-	-	(65,000.82)	0%	-	-	-	$ 262,272	$ 1,033,809	$ 1,296,081	3,268	$ -	$ -	$ -	3,268	$ 3,268	$ 262,272	$ 1,033,809	$ 1,296,081	$ 1,296,081
Change Requests	-	$ -	$ -	$ -	0%	-	-	-	258,089.89	0%	-	-	-	$ 4,978,795	$ -	$ 4,978,795	57,585	$ (0)	$ -	$ (0)	57,585	$ 57,585	$ 4,978,795	$ -	$ 4,978,795	$ 4,978,795
Other	-	$ -	$ -	$ -	0%	-	-	-	-	0%	-	-	-	$ -	$ -	$ -	-	$ -	$ -	$ -	-	$ -	$ -	$ -	$ -	$ -
Subtotal Changes	**-**	**$ -**	**$ -**	**$ -**	**0%**	**-**	**-**	**-**	**193,089.07**	**0%**	**-**	**-**	**-**	**$ 5,241,067**	**$ 1,033,809**	**$ 6,274,876**	**60,853**	**$ (0)**	**$ -**	**$ (0)**	**60,853**	**$ 60,853**	**$ 5,241,067**	**$ 1,033,809**	**$ 6,274,876**	**$ 6,274,876**
					0.0%																					
Total (With Changes)	**6,826,478**	**$ 543,130,225**	**$ 481,162,325**	**$ 1,024,292,550**	**1%**	**80,935**	**1,095,081**	**-**	**$ 33,452,472**	**17%**	**1,178,017**	**2,493,836**	**-**	**$ 191,356,349**	**$ 88,740,045**	**$ 280,096,394**	**5,637,662**	**$ 456,313,859**	**$ 393,456,089**	**$ 849,769,948**	**8,131,498**	**$ 1,305,020**	**$ 647,670,208**	**$ 482,196,134**	**$ 1,129,866,342**	**$ 105,573,792**

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Auto Update-From Labor and M&E | Calculated | Calculated | Auto Update-from Labor+M&E | Calculated
Keep same for Monthend Report as Incurred Submitted | Update for Monthend Report | Update for Monthend Report

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

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Cost Report Labour & Non-Labour

			Contract Amount				Cumulative to Date 25-Dec-14				Forecast to Complete				Forecast at Completion			
Nalcor CC	Monthly Summary Lookup	Description	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total
0000.92000	Indirects	Indirect Costs - Labour Discount	-	$ (40,000,000)	$ -	$ (40,000,000)	-	$ -	$ -	$ -	-	$ (40,000,000)	$ -	$ (40,000,000)	-	$ (40,000,000)	$ -	$ (40,000,000)
0000.92260	Indirects	Indirect Costs - Financing, Contingency, Overheads, Fees, etc.	-	$ -	$ 55,358,052	$ 55,358,052	-	$ -	$ 14,747,844	$ 14,747,844	-	$ -	$ 40,610,208	$ 40,610,208	-	$ -	$ 55,358,052	$ 55,358,052
0000.92290	Indirects	Indirect Costs - Health and Safety Requirements	116,000	$ 8,845,020	$ 2,732,513	$ 11,577,533	56,881	$ 4,026,595	$ 615,897	$ 4,642,492	120,848	$ 9,535,719	$ 2,116,616	$ 11,652,335	177,729	$ 13,562,314	$ 2,732,513	$ 16,294,827
0000.924E0	Indirects	Indirect Costs - Environmental Requirements	32,400	$ 2,556,203	$ 24,075	$ 2,580,278	16,915	$ 1,248,503	$ 5,768	$ 1,254,271	28,591	$ 2,341,734	$ 18,307	$ 2,360,041	45,506	$ 3,590,237	$ 24,075	$ 3,614,312
0000.92560	Indirects	Indirect Costs - Quality Assurance / Quality Control	175,800	$ 13,799,281	$ -	$ 13,799,281	36,662	$ 2,558,323	$ -	$ 2,558,323	127,012	$ 10,289,128	$ -	$ 10,289,128	163,674	$ 12,847,451	$ -	$ 12,847,451
0000.92600	Indirects	Indirect Costs - Management and Staff	1,982,044	$ 172,483,726	$ 10,263,111	$ 182,746,837	389,354	$ 25,880,157	$ 2,477,454	$ 28,357,612	1,419,705	$ 131,549,761	$ 7,785,656	$ 139,335,417	1,809,058	$ 157,429,918	$ 10,263,111	$ 167,693,029
0000.92654	Indirects	Indirect Costs - Attendant labour	736,610	$ 58,375,032	$ -	$ 58,375,032	454,011	$ 35,897,198	$ -	$ 35,897,198	586,528	$ 46,563,698	$ -	$ 46,563,698	1,040,539	$ 82,460,896	$ -	$ 82,460,896
0000.93100	Indirects	Indirect Costs - Estimate of Travel Allowances - Trades Labour	-	$ -	$ 29,057,891	$ 29,057,891	-	$ -	$ 2,424,691	$ 2,424,691	-	$ -	$ 26,633,200	$ 26,633,200	-	$ -	$ 29,057,891	$ 29,057,891
0000.94110	Indirects	Indirect Costs - Chain Link Fences And Gates	65	$ 5,049	$ 8,485	$ 13,534	-	$ -	$ -	$ -	65	$ 5,049	$ 8,485	$ 13,534	65	$ 5,049	$ 8,485	$ 13,534
0000.94120	Indirects	Indirect Costs - Temporary Works (Temp Access & Ramps)	40,873	$ 3,246,714	$ 1,065,868	$ 4,312,583	70,942	$ 6,192,999	$ 1,501,367	$ 7,694,365	681	$ (503,676)	$ (435,498)	$ (939,174)	71,623	$ 5,689,323	$ 1,065,868	$ 6,755,191
0000.94200	Indirects	Indirect Costs - Site Installation (Temp Bldgs)	71,519	$ 5,668,063	$ 20,028,886	$ 25,696,949	265,613	$ 20,530,849	$ 16,973,586	$ 37,504,435	18,774	$ 2,007,550	$ 3,055,300	$ 5,062,850	284,387	$ 22,538,399	$ 20,028,886	$ 42,567,285
0000.94292	Indirects	Indirect Costs - Temporary Bridge	7,953	$ 598,480	$ 831,039	$ 1,429,519	-	$ -	$ -	$ -	7,953	$ 598,509	$ 831,039	$ 1,429,548	7,953	$ 598,509	$ 831,039	$ 1,429,548
0000.94500	Indirects	Indirect Costs - Services	50,821	$ 3,960,856	$ 15,363,286	$ 19,324,143	37,679	$ 3,056,204	$ 6,270,238	$ 9,326,443	32,299	$ 2,397,731	$ 9,093,048	$ 11,490,779	69,978	$ 5,453,935	$ 15,363,286	$ 20,817,221
0000.94620	Indirects	Indirect Costs - Road Maint & Snow Clearing	89,450	$ 7,192,771	$ 6,105,647	$ 13,298,418	40,064	$ 2,235,950	$ 1,349,237	$ 3,585,187	49,496	$ 4,965,680	$ 4,756,410	$ 9,722,090	89,560	$ 7,201,630	$ 6,105,647	$ 13,307,277
0000.94630	Indirects	Indirect Costs - Winter Protection	68,850	$ 5,531,277	$ 17,810,471	$ 23,341,749	268,777	$ 19,267,481	$ 5,998,870	$ 25,266,351	74,368	$ 8,300,313	$ 11,811,601	$ 20,111,915	343,145	$ 27,567,794	$ 17,810,471	$ 45,378,265
0000.94650	Indirects	Indirect Costs - Temp Heat, Ventilation & Lighting of Powerhouse	1,801	$ 141,041	$ 4,774,603	$ 4,915,644	-	$ -	$ -	$ -	1,801	$ 141,041	$ 4,774,603	$ 4,915,644	1,801	$ 141,041	$ 4,774,603	$ 4,915,644
0000.94660	Indirects	Indirect Costs - Demobilization	-	$ -	$ 6,480,990	$ 6,480,990	-	$ -	$ -	$ -	-	$ -	$ 6,480,990	$ 6,480,990	-	$ -	$ 6,480,990	$ 6,480,990
0000.94910	Indirects	Indirect Costs - Mobilization	-	$ -	$ 8,326,992	$ 8,326,992	-	$ -	$ 8,326,992	$ 8,326,992	-	$ -	$ (0)	$ (0)	-	$ -	$ 8,326,992	$ 8,326,992
0000.95640	Indirects	Indirect Costs - Design and Technical Assistance	131,000	$ 10,508,344	$ 1,334,825	$ 11,843,169	62,313	$ 4,321,761	$ 333,036	$ 4,654,797	166,396	$ 14,024,425	$ 1,001,789	$ 15,026,214	228,709	$ 18,346,186	$ 1,334,825	$ 19,681,011
0000.96000	Indirects	Indirect Costs - Contractor Equipment for Indirects	164,938	$ 13,197,861	$ 12,647,314	$ 25,845,176	60,436	$ 4,758,388	$ 5,305,494	$ 10,063,881	134,731	$ 10,858,269	$ 7,341,820	$ 18,200,090	195,167	$ 15,616,657	$ 12,647,314	$ 28,263,971
0000.96100	Indirects	Indirect Costs - Anchor Points	373	$ 30,088	$ 9,348	$ 39,436	249	$ 20,353	$ 6,061	$ 26,414	186	$ 14,797	$ 3,287	$ 18,084	435	$ 35,150	$ 9,348	$ 44,498
0000.96400	Indirects	Indirect Costs - Powerhouse – Construction Crane	9,936	$ 816,283	$ 642,583	$ 1,458,866	-	$ -	$ -	$ -	9,936	$ 816,283	$ 642,583	$ 1,458,866	9,936	$ 816,283	$ 642,583	$ 1,458,866
0000.96610	Indirects	Indirect Costs - Dewatering Of Structure Areas	10,863	$ 866,271	$ 829,609	$ 1,695,880	25,340	$ 2,024,775	$ 216,051	$ 2,240,827	2,112	$ 164,482	$ 613,557	$ 778,039	27,452	$ 2,189,257	$ 829,609	$ 3,018,866
0000.96800	Indirects	Indirect Costs - Temp Lateral Support & Bracings-Spillway Piers	290	$ 23,433	$ 55,341	$ 78,773	-	$ -	$ -	$ -	290	$ 23,433	$ 55,341	$ 78,774	290	$ 23,433	$ 55,341	$ 78,774
0000.98100	Indirects	Indirect Costs - Contractor Insurance	-	$ -	$ 5,576,498	$ 5,576,498	-	$ -	$ 1,348,840	$ 1,348,840	-	$ -	$ 4,227,658	$ 4,227,658	-	$ -	$ 5,576,498	$ 5,576,498
0000.98200	Indirects	Indirect Costs - Letters of Credit	-	$ -	$ 31,723,429	$ 31,723,429	-	$ -	$ 7,592,459	$ 7,592,459	-	$ -	$ 24,130,970	$ 24,130,970	-	$ -	$ 31,723,429	$ 31,723,429
0000.98610	Indirects	Indirect Costs - Warranty	-	$ -	$ 2,235,825	$ 2,235,825	-	$ -	$ 533,630	$ 533,630	-	$ -	$ 1,702,195	$ 1,702,195	-	$ -	$ 2,235,825	$ 2,235,825
0000.922S0	Indirects	Indirect Costs - Employee Training	31,450	$ 2,420,324	$ -	$ 2,420,324	24,838	$ 1,937,004	$ -	$ 1,937,004	21,542	$ 1,632,283	$ -	$ 1,632,283	46,380	$ 3,569,287	$ -	$ 3,569,287
0000.99300	Indirects	Indirect Costs - Labour Profit (7%)	-	$ 35,531,884	$ -	$ 35,531,884	-	$ -	$ -	$ -	-	$ 35,531,884	$ -	$ 35,531,884	-	$ 35,531,884	$ -	$ 35,531,884
3510.94830	Indirects	Supply of concrete to Company's Other Contractor	27,104	$ 2,179,112	$ 4,662,604	$ 6,841,716	-	$ -	$ -	$ -	27,140	$ 2,179,020	$ 4,662,604	$ 6,841,624	27,140	$ 2,179,020	$ 4,662,604	$ 6,841,624
		Subtotal Indirects	**3,750,139**	**$ 307,977,115**	**$ 237,949,284**	**$ 545,926,399**	**1,810,074**	**$ 133,956,540**	**$ 76,027,514**	**$ 209,984,054**	**2,830,453**	**$ 243,437,113**	**$ 161,921,770**	**$ 405,358,883**	**4,640,527**	**$ 377,393,653**	**$ 237,949,284**	**$ 615,342,937**
1110.16000	Powerhouse	Access Roads, Access Ramps And Pads - Access Roads, Access Ramps And Pa	4,381	$ 348,919	$ 169,882	$ 518,800	-	$ -	$ -	$ -	4,381	$ 348,919	$ 169,882	$ 518,801	4,381	$ 348,919	$ 169,882	$ 518,801
2361.12500	Dams	North Transition Dam - Foundation Preparation	417	$ 33,226	$ 26,332	$ 59,558	52	$ 1,286	$ -	$ 1,286	401	$ 34,838	$ 26,332	$ 61,170	453	$ 36,124	$ 26,332	$ 62,456
2361.13360	Dams	North Transition Dam - Drilling, Pressure Grouting and Drainage	870	$ 71,034	$ 117,484	$ 188,518	-	$ -	$ -	$ -	870	$ 71,034	$ 117,484	$ 188,518	870	$ 71,034	$ 117,484	$ 188,518
2361.25000	Dams	North Transition Dam - Concrete, Metal Embedds & ABs	36,031	$ 2,741,203	$ 2,087,868	$ 4,829,071	-	$ -	$ -	$ -	36,031	$ 2,741,203	$ 2,087,868	$ 4,829,071	36,031	$ 2,741,203	$ 2,087,868	$ 4,829,071
2361.28300	Dams	North Transition Dam - Rebar	1,164	$ 85,855	$ 85,333	$ 171,188	-	$ -	$ -	$ -	1,164	$ 85,855	$ 85,333	$ 171,188	1,164	$ 85,855	$ 85,333	$ 171,188
2361.33000	Dams	North Transition Dam - Misc Steel	575	$ 46,435	$ 159,085	$ 205,520	-	$ -	$ -	$ -	575	$ 46,435	$ 159,085	$ 205,520	575	$ 46,435	$ 159,085	$ 205,520
2361.78100	Dams	North Transition Dam - Conduit	405	$ 39,528	$ 10,031	$ 49,559	-	$ -	$ -	$ -	405	$ 39,528	$ 10,031	$ 49,559	405	$ 39,528	$ 10,031	$ 49,559
2361.78910	Dams	North Transition Dam - Grounding	175	$ 17,055	$ 19,883	$ 36,938	-	$ -	$ -	$ -	175	$ 17,055	$ 19,883	$ 36,938	175	$ 17,055	$ 19,883	$ 36,938
2362.12500	Dams	Centre Transition Dam - Foundation Preparation	1,328	$ 105,765	$ 82,744	$ 188,509	11,012	$ 1,068,958	$ 6,410	$ 1,075,368	16,843	$ (348,927)	$ 76,334	$ (272,593)	27,855	$ 720,031	$ 82,744	$ 802,775
2362.13360	Dams	Centre Transition Dam - Drilling, Pressure Grouting and Drainage	2,214	$ 180,690	$ 314,379	$ 495,069	405	$ 34,871	$ -	$ 34,871	2,090	$ 169,970	$ 314,379	$ 484,349	2,494	$ 204,841	$ 314,379	$ 519,220
2362.25000	Dams	Centre Transition Dam - Concrete, Metal Embedds & ABs	126,510	$ 9,611,903	$ 6,945,695	$ 16,557,598	62,857	$ 5,217,946	$ 1,002,977	$ 6,220,923	95,831	$ 7,400,060	$ 5,942,718	$ 13,342,778	158,688	$ 12,618,006	$ 6,945,695	$ 19,563,701
2362.28300	Dams	Centre Transition Dam - Rebar	3,069	$ 226,345	$ 224,968	$ 451,313	-	$ 58,868	$ 18,631	$ 77,498	3,698	$ 216,493	$ 206,337	$ 422,830	3,698	$ 275,361	$ 224,968	$ 500,329
2362.31000	Dams	Centre Transition Dam - Structural Steel	203	$ 16,383	$ 55,783	$ 72,167	-	$ -	$ -	$ -	203	$ 16,383	$ 55,783	$ 72,166	203	$ 16,383	$ 55,783	$ 72,166
2362.33000	Dams	Centre Transition Dam - Misc Steel	3,674	$ 296,216	$ 1,051,054	$ 1,347,270	-	$ -	$ -	$ -	3,674	$ 296,216	$ 1,051,054	$ 1,347,270	3,674	$ 296,216	$ 1,051,054	$ 1,347,270
2362.78100	Dams	Centre Transition Dam - Conduit	600	$ 58,560	$ 15,060	$ 73,620	-	$ -	$ -	$ -	600	$ 58,560	$ 15,060	$ 73,620	600	$ 58,560	$ 15,060	$ 73,620
2362.78910	Dams	Centre Transition Dam - Grounding	641	$ 62,522	$ 65,685	$ 128,207	144	$ 3,551	$ 5,140	$ 8,691	561	$ 62,628	$ 60,545	$ 123,173	706	$ 66,179	$ 65,685	$ 131,864
2363.12500	Dams	South Transition Dam - Foundation Preparation	843	$ 67,126	$ 52,330	$ 119,456	7,463	$ 564,323	$ 13,925	$ 578,247	1,591	$ (110,149)	$ 38,405	$ (71,744)	9,054	$ 454,174	$ 52,330	$ 506,504
2363.13360	Dams	South Transition Dam - Drilling, Pressure Grouting and Drainage	2,007	$ 163,819	$ 278,280	$ 442,099	92	$ 7,086	$ -	$ 7,086	1,979	$ 161,641	$ 278,280	$ 439,921	2,071	$ 168,727	$ 278,280	$ 447,007
2363.25000	Dams	South Transition Dam - Concrete, Metal Embedds & ABs	38,908	$ 2,960,535	$ 2,167,357	$ 5,127,892	24,846	$ 1,263,325	$ 31,690	$ 1,295,015	25,027	$ 2,613,393	$ 2,135,666	$ 4,749,059	49,873	$ 3,876,718	$ 2,167,357	$ 6,044,075
2363.28300	Dams	South Transition Dam - Rebar	5,597	$ 417,301	$ 421,352	$ 838,653	-	$ 67,794	$ 10,596	$ 78,390	7,982	$ 519,238	$ 410,756	$ 929,994	7,982	$ 587,032	$ 421,352	$ 1,008,384
2363.33000	Dams	South Transition Dam - Misc Steel	605	$ 48,836	$ 146,605	$ 195,441	-	$ -	$ -	$ -	605	$ 48,836	$ 146,605	$ 195,441	605	$ 48,836	$ 146,605	$ 195,441
2363.78100	Dams	South Transition Dam - Conduit	10	$ 976	$ 579	$ 1,555	-	$ -	$ -	$ -	10	$ 976	$ 579	$ 1,555	10	$ 976	$ 579	$ 1,555
2363.78910	Dams	South Transition Dam - Grounding	433	$ 42,305	$ 43,160	$ 85,465	38	$ 923	$ -	$ 923	375	$ 38,919	$ 43,160	$ 82,078	413	$ 39,842	$ 43,160	$ 83,002
2364.12500	Dams	Separation Wall - Foundation Preparation	377	$ 29,793	$ 29,434	$ 59,228	5,540	$ 554,778	$ 2,285	$ 557,063	(3,164)	$ (260,970)	$ 27,149	$ (233,821)	2,376	$ 293,808	$ 29,434	$ 323,242
2364.25000	Dams	Separation Wall - Concrete, Metal Embedds & ABs	54,354	$ 4,111,568	$ 2,790,076	$ 6,901,644	37,812	$ 2,126,152	$ 361,146	$ 2,487,298	33,409	$ 3,527,528	$ 2,428,930	$ 5,956,458	71,221	$ 5,653,680	$ 2,790,076	$ 8,443,756
2410.12500	Spillway	Spillway Structure - Foundation Preparation	3,211	$ 256,955	$ 129,896	$ 386,851	23,443	$ 1,987,223	$ 6,330	$ 1,993,553	(4,622)	$ (470,955)	$ 123,566	$ (347,389)	18,821	$ 1,516,268	$ 129,896	$ 1,646,164
2410.13360	Spillway	Spillway Structure - Drilling, Pressure Grouting and Drainage	4,948	$ 389,024	$ 323,637	$ 712,662	4,431	$ 349,092	$ 35,913	$ 385,005	893	$ 76,839	$ 287,724	$ 364,563	5,324	$ 425,931	$ 323,637	$ 749,568
2410.25000	Spillway	Spillway Structure - Concrete, Metal Embedds & ABs	294,192	$ 22,069,288	$ 16,697,720	$ 38,767,008	342,043	$ 24,981,936	$ 5,911,939	$ 30,893,875	119,421	$ 12,550,108	$ 10,785,781	$ 23,335,889	461,464	$ 37,532,044	$ 16,697,720	$ 54,229,764
2410.25100	Spillway	Spillway Structure - Rollway Concrete	52,534	$ 3,993,923	$ 4,846,147	$ 8,840,071	-	$ -	$ -	$ -	52,534	$ 3,993,942	$ 4,846,147	$ 8,840,089	52,534	$ 3,993,942	$ 4,846,147	$ 8,840,089
2410.28300	Spillway	Spillway Structure - Rebar	81,262	$ 6,058,437	$ 6,079,516	$ 12,137,953	80,609	$ 6,405,226	$ 2,889,288	$ 9,294,514	19,792	$ 1,727,774	$ 3,190,228	$ 4,918,002	100,401	$ 8,133,000	$ 6,079,516	$ 14,212,516
2410.31000	Spillway	Spillway Structure - Structural Steel	850	$ 68,643	$ 175,017	$ 243,660	-	$ -	$ -	$ -	850	$ 68,643	$ 175,017	$ 243,660	850	$ 68,643	$ 175,017	$ 243,660

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CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

Cost Report Labour & Non-Labour

			Contract Amount				Cumulative to Date 25-Dec-14				Forecast to Complete				Forecast at Completion			
Nalcor CC	Monthly Summary Lookup	Description	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total
2410.78100	Spillway	Spillway Structure - Conduit	480	$ 46,848	$ 4,762	$ 51,610	-	$ -	$ -	$ -	480	$ 46,848	$ 4,762	$ 51,610	480	$ 46,848	$ 4,762	$ 51,610
2410.78910	Spillway	Spillway Structure - Grounding	1,834	$ 178,980	$ 213,849	$ 392,830	721	$ 61,100	$ 89,870	$ 150,970	1,440	$ 140,129	$ 123,980	$ 264,108	2,161	$ 201,229	$ 213,849	$ 415,078
2411.25000	Spillway	Spillway Bridges - Concrete, Metal Embedds & ABs	3,138	$ 245,830	$ 284,492	$ 530,322	-	$ -	$ 68,394	$ 68,394	3,138	$ 245,830	$ 216,098	$ 461,928	3,138	$ 245,830	$ 284,492	$ 530,322
2411.28300	Spillway	Spillway Bridges - Rebar	2,413	$ 179,927	$ 181,674	$ 361,601	-	$ -	$ -	$ -	2,413	$ 179,927	$ 181,674	$ 361,601	2,413	$ 179,927	$ 181,674	$ 361,601
2411.31000	Spillway	Spillway Bridges - Structural Steel	9,125	$ 736,714	$ 2,227,789	$ 2,964,502	-	$ -	$ -	$ -	9,125	$ 736,714	$ 2,227,789	$ 2,964,502	9,125	$ 736,714	$ 2,227,789	$ 2,964,502
2430.12500	Spillway Rollway	Spillway Discharge Channel - Phase 1 - Foundation Preparation	357	$ 28,377	$ 3,575	$ 31,951	-	$ -	$ -	$ -	357	$ 28,377	$ 3,575	$ 31,951	357	$ 28,377	$ 3,575	$ 31,951
2430.13360	Spillway Rollway	Spillway Discharge Channel - Phase 1 - Drilling, Pressure Grouting and Drain	8,189	$ 623,128	$ 108,378	$ 731,506	-	$ -	$ -	$ -	8,189	$ 623,128	$ 108,378	$ 731,506	8,189	$ 623,128	$ 108,378	$ 731,506
2430.25000	Spillway Rollway	Spillway Discharge Channel - Phase 1 - Concrete, Metal Embedds & ABs	14,979	$ 1,148,786	$ 1,119,853	$ 2,268,638	-	$ -	$ 13,250	$ 13,250	14,979	$ 1,148,786	$ 1,106,603	$ 2,255,388	14,979	$ 1,148,786	$ 1,119,853	$ 2,268,638
2430.28300	Spillway Rollway	Spillway Discharge Channel - Phase 1 - Rebar	2,865	$ 213,585	$ 215,659	$ 429,244	-	$ -	$ -	$ -	2,865	$ 213,585	$ 215,659	$ 429,244	2,865	$ 213,585	$ 215,659	$ 429,244
2431.12500	Spillway Rollway	Spillway Discharge Channel - Phase 2 - Optional - Foundation Preparation	178	$ 14,188	$ 1,787	$ 15,976	-	$ -	$ -	$ -	178	$ 14,188	$ 1,787	$ 15,976	178	$ 14,188	$ 1,787	$ 15,976
2431.13360	Spillway Rollway	Spillway Discharge Channel - Phase 2 - Optional - Drilling, Pressure Grouting	4,263	$ 324,368	$ 56,416	$ 380,784	-	$ -	$ -	$ -	4,263	$ 324,368	$ 56,416	$ 380,784	4,263	$ 324,368	$ 56,416	$ 380,784
2431.25000	Spillway Rollway	Spillway Discharge Channel - Phase 2 - Optional - Concrete, Metal Embedds	6,406	$ 475,901	$ 481,091	$ 956,992	-	$ -	$ -	$ -	6,406	$ 475,901	$ 481,091	$ 956,992	6,406	$ 475,901	$ 481,091	$ 956,992
2431.28300	Spillway Rollway	Spillway Discharge Channel - Phase 2 - Optional - Rebar	1,778	$ 132,570	$ 133,857	$ 266,427	-	$ -	$ -	$ -	1,778	$ 132,570	$ 133,857	$ 266,427	1,778	$ 132,570	$ 133,857	$ 266,427
2432.12500	Spillway Rollway	Spillway Discharge Channel - Phase 3 - Optional - Foundation Preparation	421	$ 33,500	$ 4,220	$ 37,720	-	$ -	$ -	$ -	421	$ 33,500	$ 4,220	$ 37,720	421	$ 33,500	$ 4,220	$ 37,720
2432.13360	Spillway Rollway	Spillway Discharge Channel - Phase 3 - Optional - Drilling, Pressure Grouting	10,320	$ 785,312	$ 136,586	$ 921,898	-	$ -	$ -	$ -	10,320	$ 785,312	$ 136,586	$ 921,898	10,320	$ 785,312	$ 136,586	$ 921,898
2432.25000	Spillway Rollway	Spillway Discharge Channel - Phase 3 - Optional - Concrete, Metal Embedds	11,549	$ 873,040	$ 1,043,552	$ 1,916,592	-	$ -	$ -	$ -	11,549	$ 873,040	$ 1,043,552	$ 1,916,592	11,549	$ 873,040	$ 1,043,552	$ 1,916,592
2432.28300	Spillway Rollway	Spillway Discharge Channel - Phase 3 - Optional - Rebar	3,161	$ 235,680	$ 237,968	$ 473,648	-	$ -	$ -	$ -	3,161	$ 235,680	$ 237,968	$ 473,648	3,161	$ 235,680	$ 237,968	$ 473,648
3220.12500	Intake	Intake Structure - Foundation Preparation	607	$ 48,280	$ 6,082	$ 54,362	12,833	$ 1,175,009	$ 4,982	$ 1,179,992	807	$ (410,648)	$ 1,100	$ (409,549)	13,640	$ 764,361	$ 6,082	$ 770,443
3220.13360	Intake	Intake Structure - Drilling, Pressure Grouting and Drainage	7,251	$ 591,858	$ 942,684	$ 1,534,541	397	$ 37,812	$ -	$ 37,812	7,129	$ 580,233	$ 942,684	$ 1,522,917	7,526	$ 618,045	$ 942,684	$ 1,560,729
3220.25000	Intake	Intake Structure - Concrete, Metal Embedds & ABs	699,091	$ 53,115,281	$ 40,711,118	$ 93,826,399	41,868	$ 3,883,521	$ 763,449	$ 4,646,970	680,316	$ 51,153,765	$ 39,947,670	$ 91,101,434	722,184	$ 55,037,286	$ 40,711,118	$ 95,748,404
3220.28300	Intake	Intake Structure - Rebar	271,175	$ 20,400,897	$ 19,801,009	$ 40,201,906	7,520	$ 757,676	$ 209,719	$ 967,395	266,085	$ 19,898,811	$ 19,591,290	$ 39,490,101	273,605	$ 20,656,487	$ 19,801,009	$ 40,457,496
3220.33000	Intake	Intake Structure - Misc Steel	6	$ 440	$ 3,379	$ 3,819	-	$ -	$ -	$ -	6	$ 440	$ 3,379	$ 3,819	6	$ 440	$ 3,379	$ 3,819
3290.78100	Intake	Intake - Electrical Work - Conduit	1,655	$ 161,479	$ 42,375	$ 203,854	-	$ -	$ -	$ -	1,655	$ 161,479	$ 42,375	$ 203,854	1,655	$ 161,479	$ 42,375	$ 203,854
3290.78800	Intake	Intake - Electrical Work - Heat Tracing	547	$ 42,831	$ 67,077	$ 109,908	-	$ -	$ -	$ -	547	$ 42,831	$ 67,077	$ 109,908	547	$ 42,831	$ 67,077	$ 109,908
3290.78910	Intake	Intake - Electrical Work - Grounding	2,999	$ 292,678	$ 312,293	$ 604,971	36	$ 888	$ -	$ 888	2,979	$ 292,992	$ 312,293	$ 605,285	3,016	$ 293,880	$ 312,293	$ 606,173
3310.12500	Powerhouse	Powerhouse Substructure - Foundation Preparation	1,289	$ 102,471	$ 12,908	$ 115,380	9,698	$ 757,842	$ 1,901	$ 759,744	(1,954)	$ (89,080)	$ 11,007	$ (78,073)	7,744	$ 668,762	$ 12,908	$ 681,670
3310.13360	Powerhouse	Powerhouse Substructure - Drilling, Pressure Grouting and Drainage	4,494	$ 356,932	$ 365,956	$ 722,887	-	$ -	$ -	$ -	4,494	$ 356,932	$ 365,956	$ 722,888	4,494	$ 356,932	$ 365,956	$ 722,888
3310.25000	Powerhouse	Powerhouse Substructure - Concrete, Metal Embedds & ABs	746,843	$ 56,901,463	$ 48,214,104	$ 105,115,567	9,903	$ 786,836	$ 228,387	$ 1,015,223	737,760	$ 56,287,033	$ 47,985,717	$ 104,272,750	747,663	$ 57,073,869	$ 48,214,104	$ 105,287,973
3310.26000	Powerhouse	Powerhouse Substructure - Precast Concrete	1,491	$ 120,358	$ 4,132,629	$ 4,252,987	-	$ -	$ -	$ -	1,491	$ 120,358	$ 4,132,629	$ 4,252,987	1,491	$ 120,358	$ 4,132,629	$ 4,252,987
3310.27500	Powerhouse	Powerhouse Substructure - Ductbank to SWYD c/w Elect MHs	10,652	$ 803,722	$ 256,153	$ 1,059,874	-	$ -	$ -	$ -	10,652	$ 803,722	$ 256,153	$ 1,059,875	10,652	$ 803,722	$ 256,153	$ 1,059,875
3310.28300	Powerhouse	Powerhouse Substructure - Rebar	278,095	$ 20,921,497	$ 20,306,124	$ 41,227,621	-	$ 4,720	$ 2,498	$ 7,218	282,841	$ 21,301,964	$ 20,303,626	$ 41,605,590	282,841	$ 21,306,684	$ 20,306,124	$ 41,612,808
3320.25000	Powerhouse	Intake And Powerhouse Superstructure - Concrete, Metal Embedds & ABs	5,951	$ 480,386	$ 1,149,390	$ 1,629,776	-	$ -	$ -	$ -	5,951	$ 480,386	$ 1,149,390	$ 1,629,776	5,951	$ 480,386	$ 1,149,390	$ 1,629,776
3320.31000	Powerhouse	Intake And Powerhouse Superstructure - Structural Steel	90,039	$ 7,276,125	$ 27,434,772	$ 34,710,897	-	$ -	$ -	$ -	90,039	$ 7,276,125	$ 27,434,772	$ 34,710,897	90,039	$ 7,276,125	$ 27,434,772	$ 34,710,897
3320.33000	Powerhouse	Intake And Powerhouse Superstructure - Misc Steel	34,703	$ 2,781,116	$ 7,750,059	$ 10,531,175	-	$ -	$ -	$ -	34,703	$ 2,781,116	$ 7,750,059	$ 10,531,175	34,703	$ 2,781,116	$ 7,750,059	$ 10,531,175
3320.39130	Powerhouse	Intake And Powerhouse Superstructure - Intumescent Paint	10,709	$ 841,119	$ 703,930	$ 1,545,050	-	$ -	$ -	$ -	10,709	$ 841,119	$ 703,930	$ 1,545,050	10,709	$ 841,119	$ 703,930	$ 1,545,050
3320.41000	Powerhouse	Intake And Powerhouse Superstructure - Roofing	3,082	$ 250,291	$ 3,054,373	$ 3,304,664	-	$ -	$ -	$ -	3,082	$ 250,291	$ 3,054,373	$ 3,304,664	3,082	$ 250,291	$ 3,054,373	$ 3,304,664
3320.42000	Powerhouse	Intake And Powerhouse Superstructure - Siding, Doors & Windows	26,230	$ 2,098,573	$ 2,801,545	$ 4,900,118	-	$ -	$ -	$ -	26,230	$ 2,098,573	$ 2,801,545	$ 4,900,118	26,230	$ 2,098,573	$ 2,801,545	$ 4,900,118
3320.42400	Powerhouse	Intake And Powerhouse Superstructure - Masonry	112	$ 9,005	$ 10,907	$ 19,912	-	$ -	$ -	$ -	112	$ 9,005	$ 10,907	$ 19,912	112	$ 9,005	$ 10,907	$ 19,912
3340.77000	Powerhouse	Powerhouse - Building Electrical Services - Lighting	3,615	$ 352,791	$ 373,504	$ 726,295	-	$ -	$ -	$ -	3,615	$ 352,791	$ 373,504	$ 726,295	3,615	$ 352,791	$ 373,504	$ 726,295
3350.61000	Powerhouse	Bldg Mechanical Services - Piping/Mech Systems	13,202	$ 1,144,231	$ 3,719,465	$ 4,863,696	-	$ -	$ -	$ -	13,202	$ 1,144,231	$ 3,719,465	$ 4,863,696	13,202	$ 1,144,231	$ 3,719,465	$ 4,863,696
3430.78100	Powerhouse	Turbine Generator And Ancillaries - Electrical Work - Conduit	1,338	$ 130,540	$ 82,044	$ 212,584	-	$ -	$ -	$ -	1,338	$ 130,540	$ 82,044	$ 212,584	1,338	$ 130,540	$ 82,044	$ 212,584
3430.78910	Powerhouse	Turbine Generator And Ancillaries - Electrical Work - Grounding	5,849	$ 570,846	$ 621,393	$ 1,192,240	-	$ -	$ -	$ -	5,849	$ 570,846	$ 621,393	$ 1,192,240	5,849	$ 570,846	$ 621,393	$ 1,192,240
3440.61000	Powerhouse	PH Mech Ancillary/Auxiliary Systems - Piping/Mech Systems	51,470	$ 4,460,995	$ 8,269,891	$ 12,730,886	-	$ -	$ -	$ -	51,470	$ 4,460,995	$ 8,269,891	$ 12,730,886	51,470	$ 4,460,995	$ 8,269,891	$ 12,730,886
		Subtotal Directs	**3,076,339**	**$ 235,153,109**	**$ 243,213,041**	**$ 478,366,151**	**683,762**	**$ 52,158,742**	**$ 11,678,722**	**$ 63,837,464**	**2,746,355**	**$ 212,876,746**	**$ 231,534,319**	**$ 444,411,065**	**3,430,118**	**$ 265,035,488**	**$ 243,213,041**	**$ 508,248,529**
		Total	**6,826,478**	**$ 543,130,225**	**$ 481,162,325**	**$ 1,024,292,550**	**2,493,836**	**$ 186,115,282**	**$ 87,706,236**	**$ 273,821,518**	**5,576,809**	**$ 456,313,859**	**$ 393,456,089**	**$ 849,769,948**	**8,070,645**	**$ 642,429,141**	**$ 481,162,325**	**$ 1,123,591,466**

			Contract Amount				Cumulative to Date				Forecast to Complete				Forecast at Completion			
Nalcor CC		Description	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total	Hours	Labour	Non-Labour	Total
	Change Orders		-	$ -	$ -	$ -	1,290	$ 262,272	$ 1,033,809	$ 1,296,081	-	$ -	$ -	$ -	3,268	$ 262,272	$ 1,033,809	$ 1,296,081
	Change Requests		-	$ -	$ -	$ -	59,564	$ 4,978,795	$ -	$ 4,978,795	-	$ (0)	$ -	$ (0)	57,585	$ 4,978,795	$ -	$ 4,978,795
	Other		-	$ -	$ -	$ -	-	$ -	$ -	$ -	-	$ -	$ -	$ -	-	$ -	$ -	$ -
		Subtotal Changes	**-**	**$ -**	**$ -**	**$ -**	**60,854**	**$ 5,241,067**	**$ 1,033,809**	**$ 6,274,876**	**-**	**$ (0)**	**$ -**	**$ (0)**	**60,853**	**$ 5,241,067**	**$ 1,033,809**	**$ 6,274,876**
		Total (Including Changes)	**6,826,478**	**$ 543,130,225**	**$ 481,162,325**	**$ 1,024,292,550**	**2,554,690**	**$ 191,356,349**	**$ 88,740,045**	**$ 280,096,394**	**5,576,809**	**$ 456,313,859**	**$ 393,456,089**	**$ 849,769,948**	**8,131,498**	**$ 647,670,208**	**$ 482,196,134**	**$ 1,129,866,342**

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CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

Labour Cost Report & Productivity Summary by Structure

Note: Hide these Columns in Report | Period = Cumulative - Previous

Nalcor Cost Code	Structure	Lookup Reference	Budget Labour Hours	Budget $ Amount	Previous Cumulative 25-Nov-14 % Spent	Previous Cumulative Contract Plan Hrs	Previous Cumulative Actual Hrs	Previous Cumulative Variance Hrs	Previous Cumulative Total $	Period Dec-14 % Spent	Period Contract Plan Hrs	Period Actual Hrs	Period Variance Hrs	Period Total $	Cumulative to Date 25-Dec-14 % Spent	Cumulative to Date Contract Plan Hrs	Cumulative to Date Actual Hrs	Cumulative to Date Variance Hrs	Cumulative to Date $ Amount	Estimate to Complete Hrs	Estimate to Complete Labour Rate	Estimate to Complete $ Amount	Estimate at Completion Hrs	Estimate at Completion Hrs Variance	Estimate at Completion $ Amount	Estimate at Completion $ Variance
0000	Indirect Costs	Indirects	3,723,035	$ 305,798,003	26%	954,291	925,203	(29,087.84)	124,375,369.15	2%	80,935	884,871	803,936	9,581,171.03	28%	1,035,226	1,810,074	774,848	133,956,540	2,803,313	$ 68.86	$ 193,036,479	4,613,387	890,352	326,993,019	$ 21,195,016
3510	Supply Of Concrete To Company'S Other Contractor	Indirects	27,104	$ 2,179,112	26%	6,947	-	(6,947.34)	-	0%	-	-	-	-	26%	6,947	-	(6,947)	-	27,140	$ 80.40	$ 2,182,000	27,140	36	2,182,000	$ 2,888
	Subtotal Indirects		**3,750,139**	**$ 307,977,115**	**26%**	**961,238**	**925,203**	1.04	124,375,369.15	**2%**	**80,935**	**884,871**		**9,581,171**	**28%**	**1,042,173**	**1,810,074**	**767,901**	**$ 133,956,540**	**2,830,453**		**$ 195,218,479**	**4,640,527**	**890,388**	**$ 329,175,019**	**$ 21,197,904**

Hide

Nalcor Cost Code	Structure	Lookup Reference	Budget Labour Hours	Budget $ Amount	Previous Cumulative % Complete	Previous Cumulative Earned Hrs	Previous Cumulative Actual Hrs	Previous Cumulative PF Earn / Exp	Previous Cumulative Total $	Period % Complete	Period Earned Hrs	Period Actual Hrs	Period PF Earn / Exp	Period Total $	Cumulative To Date % Complete	Cumulative To Date Earned Hrs	Cumulative To Date Actual Hrs	Cumulative To Date PF Earn / Exp	Cumulative To Date $ Amount	Estimate to Complete Hrs	Estimate to Complete Labour Rate	Estimate to Complete $ Amount	Estimate at Completion Hrs	Estimate at Completion Hrs Variance	Estimate at Completion $ Amount	Estimate at Completion $ Variance
1110	Access Roads, Access Ramps And Pads	Powerhouse	4,381	$ 348,919	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	4,381	$ 79.64	$ 348,919	4,381	(0)	348,919	$ 0
2361	North Transition Dam	Dams	39,638	$ 3,034,336	0%	-	36	-	-	0%	-	16	-	-	0%	-	52	-	1,286	39,622	$ 76.62	$ 3,035,948	39,673	36	3,037,234	$ 2,898
2362	Centre Transition Dam	Dams	138,240	$ 10,558,385	9%	12,085	51,539	0.23	4,507,005.18	0%	-	22,878	(0.07)	(317,382.43)	9%	12,085	74,418	0.16	6,384,194	123,500	$ 63.74	$ 7,871,383	197,918	59,679	14,255,577	$ 3,697,192
2363	South Transition Dam	Dams	48,403	$ 3,700,899	5%	2,294	22,466	0.10	1,108,817.74	0%	-	9,973	(0.03)	(317,760.15)	5%	2,294	32,439	0.07	1,903,451	37,569	$ 87.12	$ 3,272,854	70,008	21,605	5,176,305	$ 1,475,406
2364	Separation Wall	Dams	54,731	$ 4,141,361	18%	9,757	30,024	0.32	1,576,886.42	0%	-	13,328	(0.10)	(133,404.86)	18%	9,757	43,352	0.23	2,680,930	30,245	$ 108.00	$ 3,266,558	73,597	18,866	5,947,488	$ 1,806,127
2410	Spillway Structure	Spillway	439,312	$ 33,062,099	24%	103,517	312,519	0.33	22,477,461.18	0%	-	138,727	(0.10)	(1,362,314.50)	24%	103,517	451,246	0.23	33,784,577	190,789	$ 95.04	$ 18,133,328	642,035	202,723	51,917,905	$ 18,855,806
2411	Spillway Bridges	Spillway	14,676	$ 1,162,470	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	14,676	$ 79.21	$ 1,162,470	14,676	-	1,162,470	$ -
2430	Spillway Discharge Channel - Phase 1	Spillway Rollway	26,389	$ 2,013,876	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	26,389	$ 76.31	$ 2,013,876	26,389	-	2,013,876	$ -
2431	Spillway Discharge Channel - Phase 2 - Optional	Spillway Rollway	12,626	$ 947,027	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	12,626	$ 75.01	$ 947,027	12,626	-	947,027	$ -
2432	Spillway Discharge Channel - Phase 3 - Optional	Spillway Rollway	25,452	$ 1,927,533	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	25,452	$ 75.73	$ 1,927,533	25,452	-	1,927,533	$ -
3220	Intake Structure	Intake	978,129	$ 74,156,756	1%	8,011	43,368	0.18	4,283,272.73	0%	-	19,251	(0.06)	(339,005.76)	1%	8,011	62,619	0.13	5,854,019	954,341	$ 74.63	$ 71,222,600	1,016,960	38,831	77,076,619	$ 2,919,863
3290	Intake - Electrical Work	Intake	5,200	$ 496,989	0%	8	25	0.33	-	0%	-	11	(0.10)	(110.34)	0%	8	36	0.23	888	5,181	$ 95.98	$ 497,302	5,217	17	498,190	$ 1,201
3310	Powerhouse Substructure	Powerhouse	1,042,863	$ 79,206,442	0%	173	13,575	0.01	1,047,562.55	0%	-	6,026	(0.00)	(1,535,835.42)	0%	173	19,602	0.01	1,549,398	1,035,285	$ 76.10	$ 78,780,929	1,054,886	12,023	80,330,327	$ 1,123,885
3320	Intake And Powerhouse Superstructure	Powerhouse	170,826	$ 13,736,615	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	170,826	$ 80.41	$ 13,736,615	170,826	-	13,736,615	$ -
3340	Powerhouse - Building Electrical Services	Powerhouse	3,615	$ 352,791	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	3,615	$ 97.60	$ 352,791	3,615	-	352,791	$ -
3350	Bldg Mechanical Services	Powerhouse	13,202	$ 1,144,231	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	13,202	$ 86.67	$ 1,144,231	13,202	-	1,144,231	$ -
3430	Turbine Generator And Ancillaries - Electrical Work	Powerhouse	7,186	$ 701,386	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	7,186	$ 97.60	$ 701,386	7,186	-	701,386	$ -
3440	PH Mech Ancillary/Auxiliary Systems	Powerhouse	51,470	$ 4,460,995	0%	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	51,470	$ 86.67	$ 4,460,995	51,470	-	4,460,995	$ -
	Subtotal Directs		**3,076,339**	**$ 235,153,109**	**4%**	**135,844**	**473,552**	**0.29**	**$ 35,001,006**	**0%**	**-**	**210,210**	**-**	**(4,005,813)**	**4%**	**135,844**	**683,762**	**0.20**	**$ 52,158,742**	**2,746,355**		**$ 212,876,746**	**3,430,118**	**353,779**	**$ 265,035,488**	**$ 29,882,379**

	Total		**6,826,478**	**$ 543,130,225**		**1,097,082**	**1,398,755**		**159,376,375**		**80,935**	**1,095,081**		**5,575,358**		**1,178,017**	**2,493,836**		**$ 186,115,282**	**5,576,809**		**$ 408,095,225**	**8,070,645**	**1,244,167**	**$ 594,210,507**	**$ 51,080,282**

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

Labour Cost Report and Productivity Summary by Commodity

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Note: Hide these Columns in Report | Period = Cumulative - Previous

Commodity #	Summary by Commodity	Hide	Budget Labour Hours	Budget $ Amount	Previous Cumulative 25-Nov-14 % Spent	Previous Contract Plan Hrs	Previous Actual Hrs	Previous Variance Hrs	Previous Total $	Period Dec-14 % Spent	Period Contract Plan Hrs	Period Actual Hrs	Period Variance Hrs	Period Total $	Cumulative to Date 25-Dec-14 % Spent	CTD Contract Plan Hrs	CTD Actual Hrs	CTD Variance Hrs	CTD Total $	Estimate to Complete Hrs	ETC Labour Rate	ETC Total $	Estimate at Completion Hrs	EAC Hrs Variance	EAC Total $	EAC $ Variance
92000	Labour Discount	Ind_Other	-	$ (40,000,000)		-	-	-			-	-	-			-	-	-	-	-		(40,000,000)	-	-	(40,000,000)	-
922S0	Employee Training	Staff	31,450	$ 2,420,324	26%	8,061	24,292	0.33		4%	1,324	546	2.42		30%	9,385	24,838	0.38	1,937,004	21,542		1,657,799	46,380	14,930	3,569,287	1,148,963
92290	Health and Safety Requirements	Staff	116,000	$ 8,845,020	26%	29,733	52,149	0.57		3%	3,200	4,732	0.68		28%	32,933	56,881	0.58	4,026,595	120,848		9,214,680	177,729	61,729	13,562,314	4,717,294
924E0	Environmental Requirements	Staff	32,400	$ 2,556,203	26%	8,305	16,005	0.52		2%	800	910	0.88		28%	9,105	16,915	0.54	1,248,503	28,591		2,255,676	45,506	13,106	3,590,237	1,034,034
92560	Quality Assurance / Quality Control	Staff	175,800	$ 13,799,281	26%	45,061	32,476	1.39		3%	4,600	4,186	1.10		28%	49,661	36,662	1.35	2,558,323	127,012		9,969,675	163,674	(12,126)	12,847,451	(951,830)
92600	Management and Staff	Staff	1,982,044	$ 172,483,726	26%	508,039	316,105	1.61		2%	47,000	73,248	0.64		28%	555,039	389,354	1.43	25,880,157	1,419,705		123,547,168	1,809,058	(172,986)	157,429,918	(15,053,808)
92654	Attendant labour	TempFac	736,610	$ 58,375,032	26%	188,808	434,537	0.43		2%	14,100	19,474	0.72		28%	202,908	454,011	0.45	35,897,198	586,528		46,481,316	1,040,539	303,929	82,460,896	24,085,864
94110	Chain Link Fences And Gates	TempFac	65	$ 5,049	26%	17	-	-		0%	-	-	-		0%	17	-	-	-	65		5,051	65	0	5,049	-
94120	Temporary Works (Temp Access & Ramps)	TempFac	40,873	$ 3,246,714	26%	10,477	-	-		0%	-	70,942	-		26%	10,477	70,942	0.15	6,192,999	681		54,096	71,623	30,750	5,689,323	2,442,609
94200	Site Installation (Temp Bldgs)	TempFac	71,519	$ 5,668,063	26%	18,332	-	-		0%	1,030	265,613	0.00		27%	19,362	265,613	0.07	20,530,849	18,774		1,487,878	284,387	212,868	22,538,399	16,870,336
94292	Temporary Bridge	TempFac	7,953	$ 598,480	26%	2,038	-	-		0%	-	-	-		0%	2,038	-	-	-	7,953		598,509	7,953	0	598,509	29
94500	Services	TempFac	50,821	$ 3,960,856	26%	13,026	-	-		0%	1,067	37,679	0.03		28%	14,093	37,679	0.37	3,056,204	32,299		2,517,335	69,978	19,157	5,453,935	1,493,079
94620	Road Maint & Snow Clearing	TempFac	89,450	$ 7,192,771	26%	22,928	30,054	0.76		2%	1,845	10,010	0.18		28%	24,773	40,064	0.62	2,235,950	49,496		3,980,011	89,560	110	7,201,630	8,859
94630	Winter Protection	TempFac	68,850	$ 5,531,277	26%	17,648	-	-		0%	840	268,777	0.00		27%	18,488	268,777	0.07	19,267,481	74,368		5,974,647	343,145	274,295	27,567,794	22,036,517
94650	Temp Heat, Ventilation & Lighting of Powerhouse	TempFac	1,801	$ 141,041	26%	462	-	-		0%	-	-	-		0%	462	-	-	-	1,801		141,042	1,801	0	141,041	0
94830	Supply of concrete to Company's Other Contractor	ConServ	27,104	$ 2,179,112	26%	6,947	-	-		0%	-	-	-		0%	6,947	-	-	-	27,140		2,182,000	27,140	36	2,179,020	(92)
95640	Design and Technical Assistance	ConServ	131,000	$ 10,508,344	26%	33,578	-	-		0%	-	62,313	-		26%	33,578	62,313	0.54	4,321,761	166,396		13,347,703	228,709	97,709	18,346,186	7,837,842
96000	Contractor Equipment for Indirects	ConServ	164,938	$ 13,197,861	26%	42,277	-	-		0%	5,129	60,436	0.08		29%	47,406	60,436	0.78	4,758,388	134,731		10,780,810	195,167	30,229	15,616,657	2,418,796
96100	Anchor Points	ConServ	373	$ 30,088	26%	96	249	0.38		0%	-	-	-		0%	96	249	0.38	20,353	186		15,018	435	62	35,150	5,062
96400	Powerhouse – Construction Crane	ConServ	9,936	$ 816,283	26%	2,547	-	-		0%	-	-	-		0%	2,547	-	-	-	9,936		816,258	9,936	(0)	816,283	0
96610	Dewatering Of Structure Areas	ConServ	10,863	$ 866,271	26%	2,784	19,334	0.14		0%	-	6,006	-		26%	2,784	25,340	0.11	2,024,775	2,112		168,390	27,452	16,589	2,189,257	1,322,986
96800	Temp Lateral Support & Bracings-Spillway Piers	ConServ	290	$ 23,433	26%	74	-	-		0%	-	-	-		0%	74	-	-	-	290		23,416	290	(0)	23,433	0
99300	Labour Profit (7%)	Ind_Other	-	$ 35,531,884	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	-		-	-	-	35,531,884	0
	Subtotal Indirects		**3,750,139**	**$ 307,977,115**	**26%**	**961,238**	**925,203**	**1.04**	**-**	**2%**	**80,935**	**884,871**	**0.09**	**-**	**28%**	**1,042,173**	**1,810,074**	**0.58**	**$ 133,956,540**	**2,830,453**		**$ 195,218,479**	**4,640,527**	**890,388**	**$ 377,393,653**	**$ 69,416,538**

329,175,019 48,218,634

Commodity #	Summary by Commodity	Hide	Commodity Summary	Budget Labour Hours	Budget Amount $	Previous Cumulation % Complete	Previous Earned Hrs	Previous Actual Hrs	Previous PF Earn / Exp	Previous Total $	Period % Complete	Period Earned Hrs	Period Actual Hrs	Period PF Earn / Exp	Period Total $	Cumulative to Date % Complete	CTD Earned Hrs	CTD Actual Hrs	CTD PF Earn / Exp	CTD Total $	Estimate to Complete Hrs	ETC Labour Rate	ETC Total $	Estimate at Completion Hrs	EAC Hrs Variance	EAC Total $	EAC $ Variance
12500	Foundation Preparation		Foundation	9,029	$ 719,682	32%	2,895	48,508	0.06		0%	-	21,533	-		32%	2,895	70,041	0.04	6,109,420	10,859		(1,579,826)	80,900	71,871	4,529,593	3,809,911
13360	Drilling, Pressure Grouting and Drainage		Grouting	44,557	$ 3,486,165	6%	2,692	3,688	0.73		0%	-	1,637	-		6%	2,692	5,325	0.51	428,861	40,227		3,149,457	45,552	995	3,578,318	92,153
16000	Access Roads, Access Ramps And Pads		Other	4,381	$ 348,919	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	4,381		348,919	4,381	(0)	348,919	0
25000	Concrete, Metal Embedds & ABs		Concrete	2,037,953	$ 154,735,184	5%	92,480	359,671	0.26		0%	-	159,658	-		5%	92,480	519,329	0.18	38,259,715	1,769,819		139,497,033	2,289,147	251,195	177,756,749	23,021,565
25100	Rollway Concrete		Concrete	52,534	$ 3,993,923	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	52,534		3,993,942	52,534	0	3,993,942	19
26000	Precast Concrete		Concrete	1,491	$ 120,358	0%	7	-	-		0%	-	-	-		0%	7	-	-	-	1,491		120,358	1,491	(0)	120,358	-
27500	Ductbank to SWYD c/w Elect MHs		Other	10,652	$ 803,722	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	10,652		803,722	10,652	0	803,722	0
28300	Rebar		Rebar	650,579	$ 48,872,094	6%	37,579	61,035	0.62		0%	-	27,094	-		6%	37,579	88,129	0.43	7,294,283	591,779		44,511,898	679,908	29,330	51,806,181	2,934,087
31000	Structural Steel		Structural Steel	100,217	$ 8,097,865	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	100,216		8,097,865	100,216	(0)	8,097,865	(0)
33000	Misc Steel		Structural Steel	39,563	$ 3,173,043	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	39,563		3,173,043	39,563	(0)	3,173,043	(0)
39130	Intumescent Paint		Structural Steel	10,709	$ 841,119	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	10,709		841,119	10,709	-	841,119	-
41000	Roofing		Architectural	3,082	$ 250,291	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	3,082		250,291	3,082	-	250,291	-
42000	Siding, Doors & Windows		Architectural	26,230	$ 2,098,573	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	26,230		2,098,573	26,230	-	2,098,573	-
42400	Masonry		Architectural	112	$ 9,005	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	112		9,005	112	-	9,005	-
61000	Piping/Mech Systems		Dir_Other	64,672	$ 5,605,226	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	64,672		5,605,226	64,672	-	5,605,226	-
77000	Lighting		Dir_Other	3,615	$ 352,791	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	3,615		352,791	3,615	-	352,791	-
78100	Conduit		Dir_Other	4,487	$ 437,931	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	4,487		437,931	4,487	-	437,931	(0)
78800	Heat Tracing		Dir_Other	547	$ 42,831	0%	-	-	-		0%	-	-	-		0%	-	-	-	-	547		42,831	547	-	42,831	(0)
78910	Grounding		Dir_Other	11,930	$ 1,164,387	2%	191	650	0.29		0%	-	289	-		2%	191	939	0.20	66,463	11,380		1,122,569	12,319	389	1,189,031	24,645
	Subtotal Directs			**3,076,339**	**$ 235,153,109**	**4%**	**135,844**	**473,552**	**0.29**	**-**	**0%**	**-**	**210,210**	**-**	**-**	**4%**	**135,844**	**683,762**	**0.20**	**$ 52,158,742**	**2,746,355**		**$ 212,876,746**	**3,430,118**	**353,779**	**$ 265,035,488**	**$ 29,882,379**
	Total			**6,826,478**	**$ 543,130,225**		**1,097,082**	**1,398,755**		0		**80,935**	**1,095,081**	**0**	0		**1,178,017**	**2,493,836**		**$ 186,115,282**	**5,576,809**		**$ 408,095,225**	**8,070,645**	**1,244,167**	**$ 642,429,141**	**$ 99,298,916**

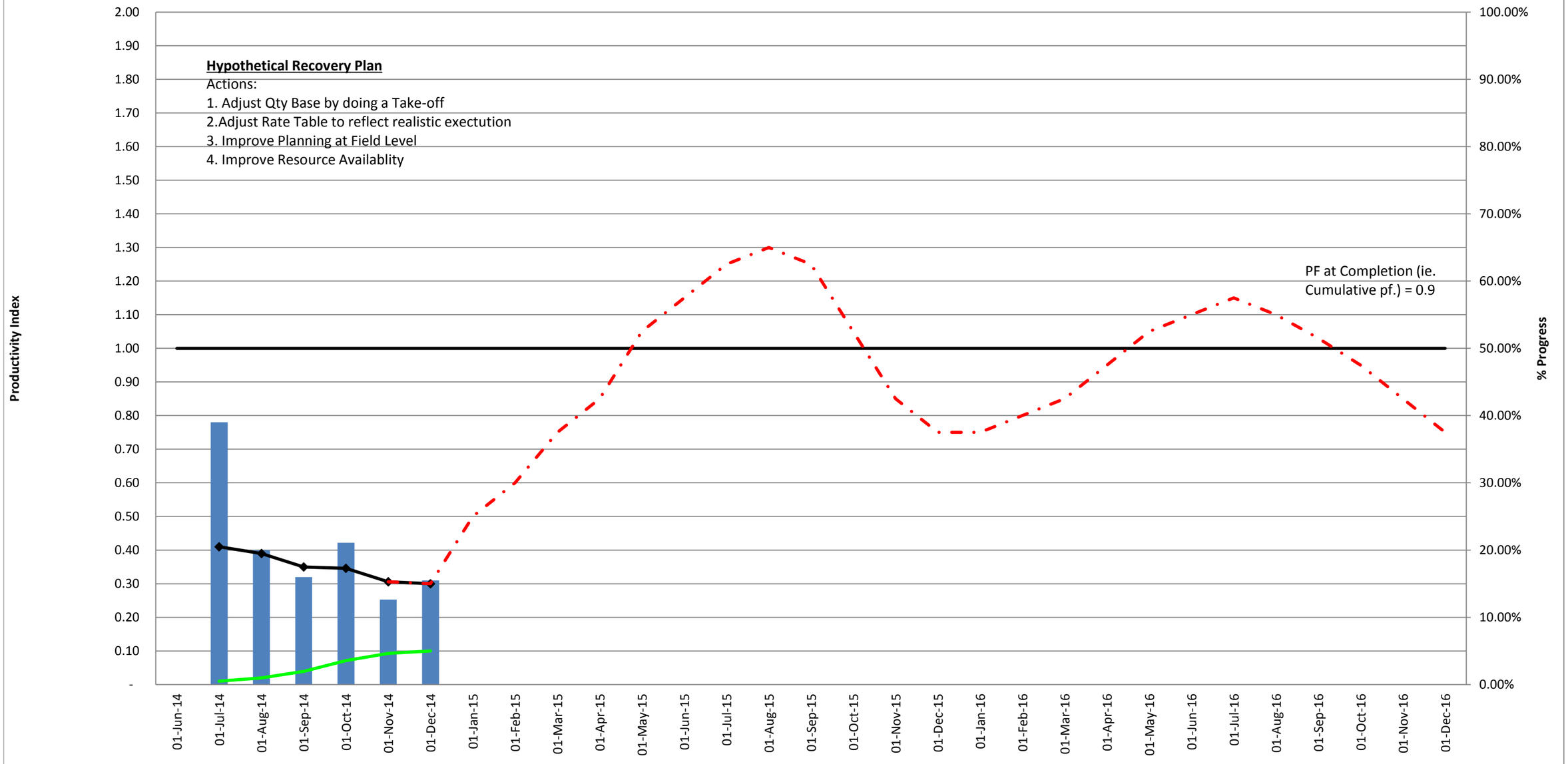
This Summary Below is for Productivity Charts - Not to be Printed

Major Commodities (Data used for Productivity Charts)		% of total	Budget Labour Hours	Budget Amount $	Previous Cumulative % Complete	Previous Earned Hrs	Previous Actual Hrs	Previous PF Earn / Exp	Previous Total $	Period % Complete	Period Earned Hrs	Period Actual Hrs	Period PF Earn / Exp	Period Total $	Cumulative to Date % Complete	CTD Earned Hrs	CTD Actual Hrs	CTD PF Earn / Exp	CTD Total $
Concrete	(incl formwork, conc prod'n & place, embeds)	68%	2,091,977	158,849,465	4.4%	92,487	359,671	0.26		0.0%	-	159,658	-		4.4%	92,487	519,329	0.18	
Foundation		0%	9,029	719,682	32.1%	2,895	48,508	0.06		0.0%	-	21,533	-		32.1%	2,895	70,041	0.04	
Architectural	Includes Roofing, Siding, Masonry	1%	29,424	2,357,869	0.0%	-	-	-		0.0%	-	-	-		0.0%	-	-	-	
Rebar		21%	650,579	48,872,094	5.8%	37,579	61,035	0.62		0.0%	-	27,094	-		5.8%	37,579	88,129	0.43	
Structural Steel		5%	150,489	12,112,027	0.0%	-	-	-		0.0%	-	-	-		0.0%	-	-	-	
Grouting	Drilling, Pressure Grouting and Drainage	1%	44,557	3,486,165	6.0%	2,692	3,688	0.73		0.0%	-	1,637	-		6.0%	2,692	5,325	0.51	
Dir_Other		3%	85,252	7,603,166	0.2%	191	650	0.29		0.0%	-	289	-		0.2%	191	939	0.20	
		100%	**3,061,305**	**234,000,469**	**4.4%**	**135,844**	**473,552**		**-**	**0.0%**	**-**	**210,210**		**-**	**4.4%**	**135,844**	**683,762**		**-**

Indirect Cost		% of total	Budget Labour Hours	Budget Amount $	Previous Cumulative % Complete	Previous Earned Hrs	Previous Actual Hrs	Previous PF Earn / Exp	Previous PF Earn / Exp	Period % Complete	Period Earned Hrs	Period Actual Hrs	Period PF Earn / Exp	Period Total $	Cumulative to Date % Complete	CTD Earned Hrs	CTD Actual Hrs	CTD PF Earn / Exp	CTD Total $
Staff	Staffing Costs	76%	2,337,694	200,104,554	25.6%	599,199	441,028		1.36	2.4%	56,924	83,622	0.68		28.1%	656,123	524,650	1.25	
TempFac	Sitewide Temporary Facilities	35%	1,067,941	84,719,285	25.6%	273,735	464,591		0.59	1.8%	18,882	672,495	0.03		27.4%	292,617	1,137,085	0.26	
ConServ	Sitewide Construction Services	11%	344,504	27,621,393	25.6%	88,303	19,583		4.51	1.5%	5,129	128,754	0.04		27.1%	93,432	148,338	0.63	
Ind_Other	Discount & Labour Profit	0%	-	(4,468,116)	0.0%	-	-		-	0.0%	-	-	-		0.0%	-	-	-	
		122%	**3,750,139**	**307,977,115**	**25.6%**	**961,238**	**925,203**			**2.2%**	**80,935**	**884,871**		**-**	**27.8%**	**1,042,173**	**1,810,074**		

Printed: 22/01/2015-6:00 PM
Prepared: Nov-2014
By: PM\TW

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams
Productivity Analysis for Direct Hours - Overall

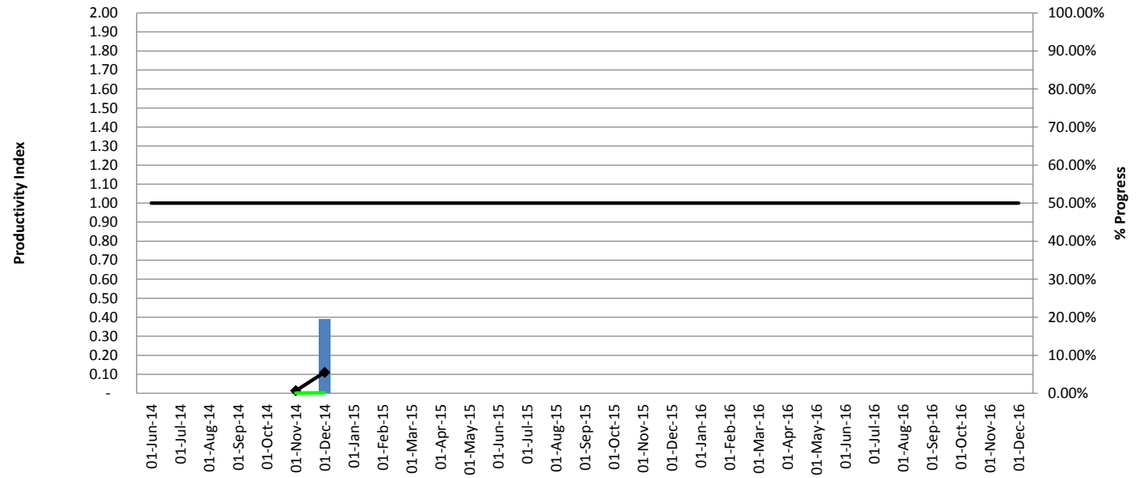


	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Monthly Productivity		0.78	0.40	0.32	0.42	0.25	0.31																							
Cumulative Productivity		0.41	0.39	0.35	0.35	0.31	0.30																							
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF Recovery Target						0.306	0.3	0.5	0.6	0.75	0.85	1.05	1.15	1.25	1.3	1.25	1.05	0.85	0.75	0.75	0.8	0.85	0.95	1.05	1.1	1.15	1.1	1.03	0.95	0.85	0.75
Cumulative Progress		0.51%	1.00%	1.97%	3.55%	4.65%	5.00%																							

Printed: 22/01/2015-6:00 PM
Prepared: Nov-2014
By: PM\TW

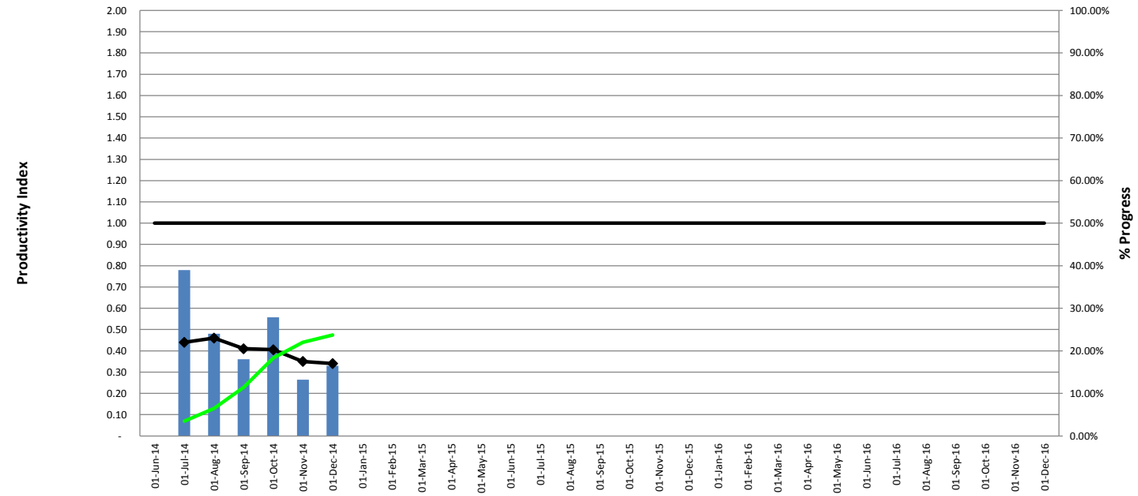
Productivity Charts by Area

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams
Productivity Analysis for Direct Hours - Powerhouse



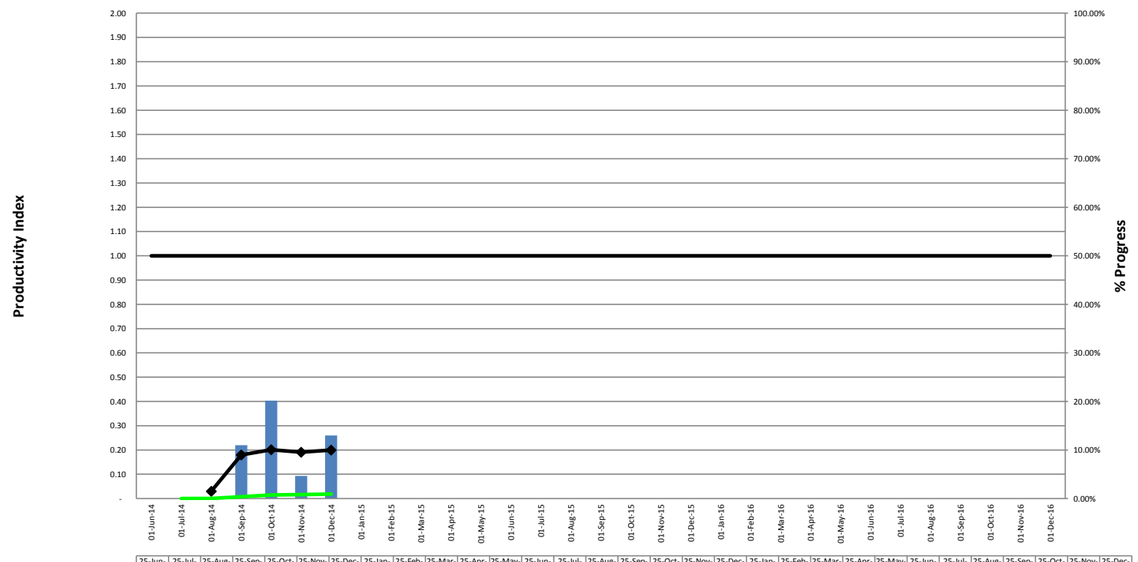
	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Monthly Productivity							0.39																							
Cumulative Productivity						0.01	0.11																							
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Cumulative Progress						0.09%	0.13%																							

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams
Productivity Analysis for Direct Hours - Spillway



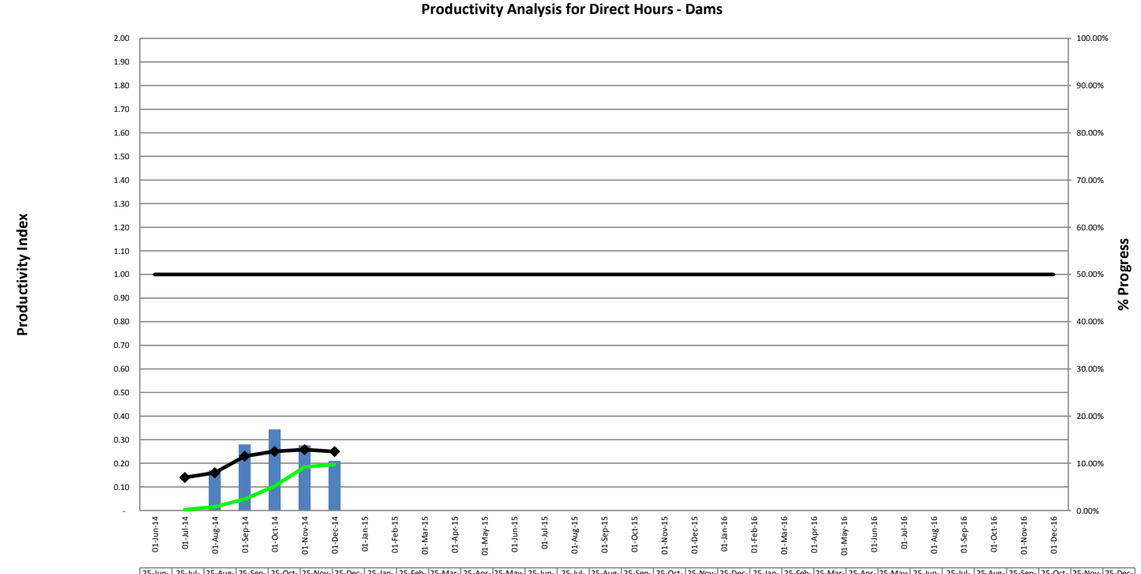
	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Monthly Productivity		0.78	0.48	0.36	0.56	0.26	0.33																							
Cumulative Productivity		0.44	0.46	0.41	0.41	0.35	0.34																							
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Cumulative Progress		3.47%	6.45%	11.41%	18.31%	22.00%	23.73%																							

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams
Productivity Analysis for Direct Hours - Intake



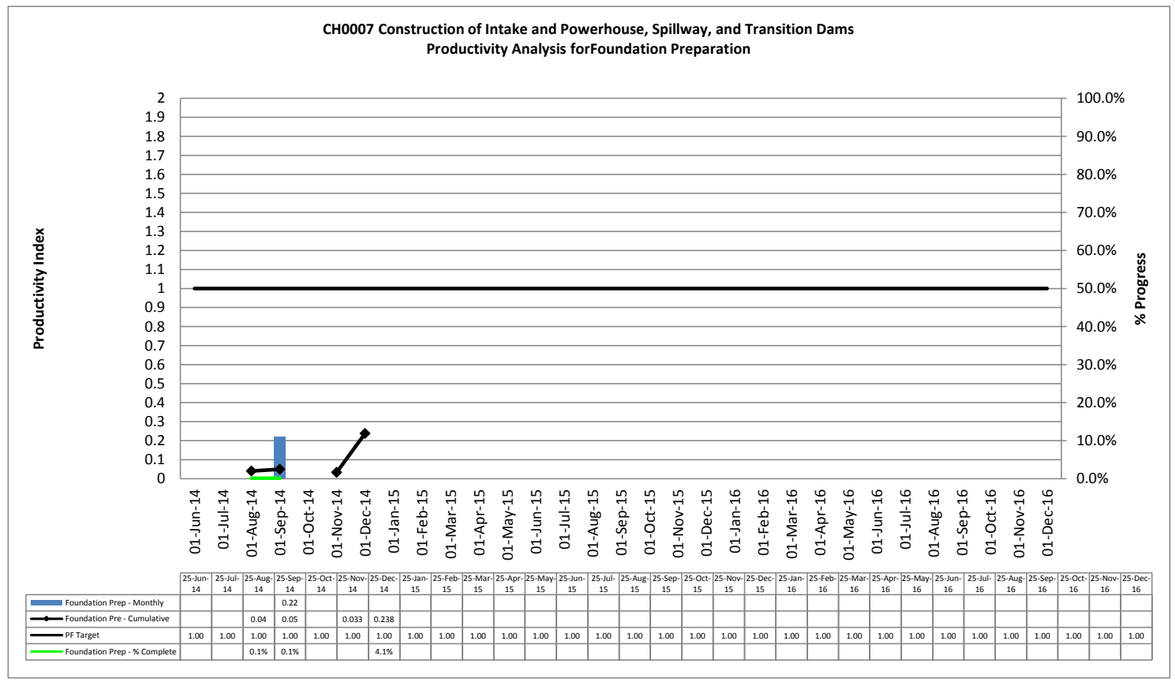
	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Monthly Productivity				0.22	0.40	0.09	0.26																							
Cumulative Productivity			0.03	0.18	0.20	0.19	0.20																							
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Cumulative Progress		0.00%	0.01%	0.37%	0.74%	0.82%	0.92%																							

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams
Productivity Analysis for Direct Hours - Dams

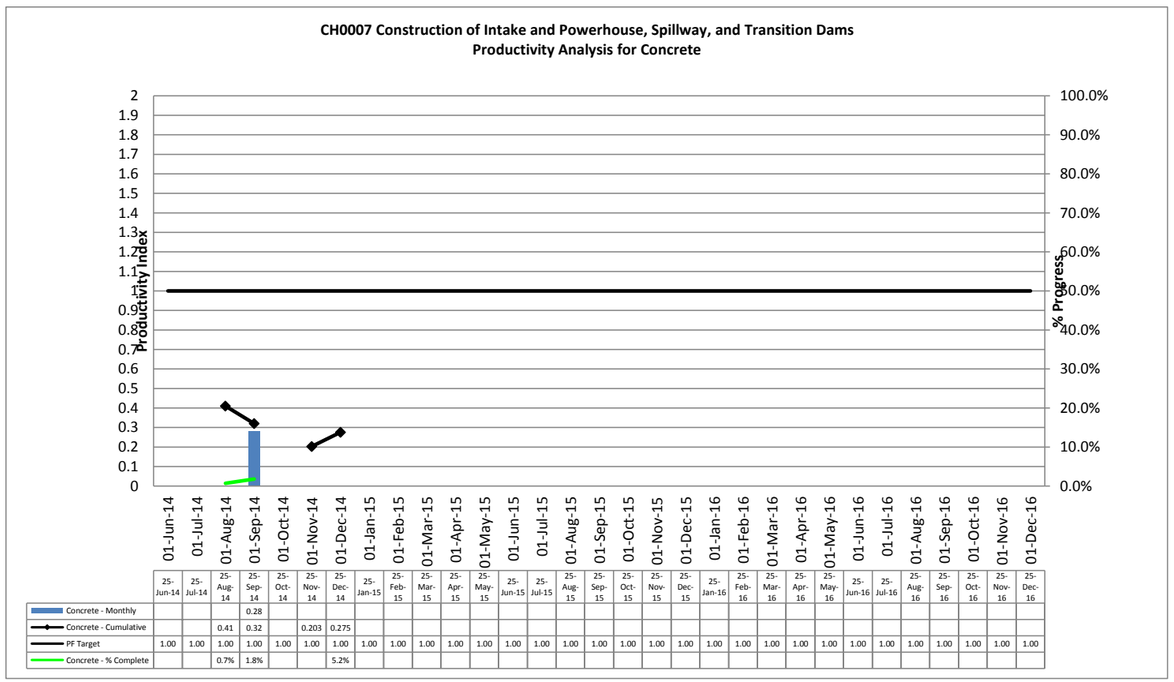


	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Monthly Productivity			0.17	0.28	0.34	0.28	0.21																							
Cumulative Productivity		0.14	0.16	0.23	0.25	0.26	0.25																							
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Cumulative Progress		0.17%	0.81%	2.40%	5.15%	9.22%	9.75%																							

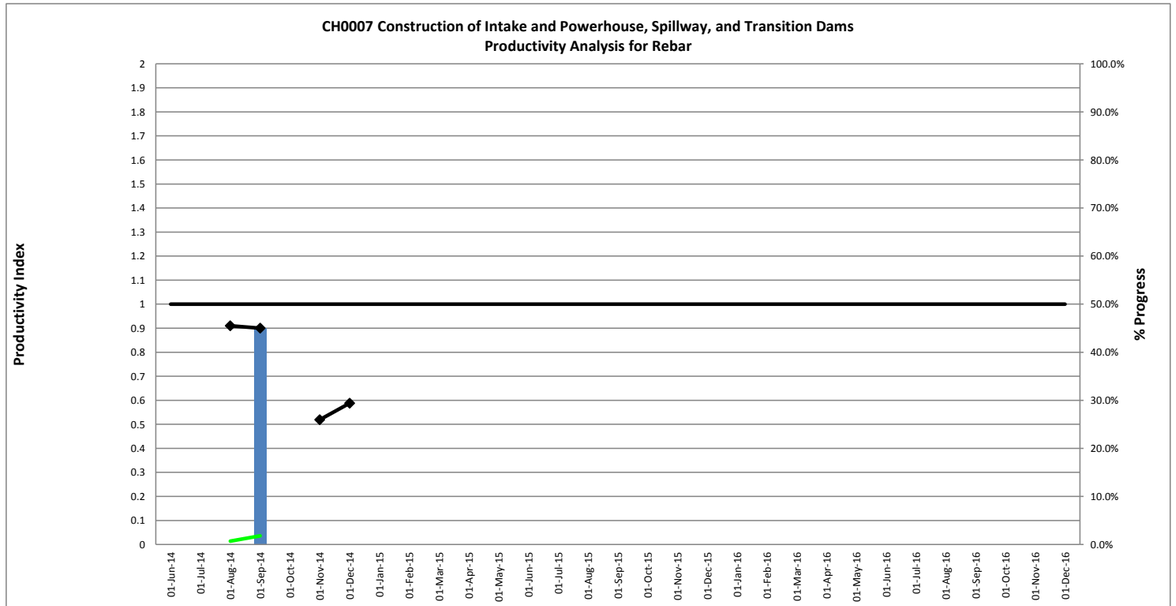
Productivity Charts by Commodity



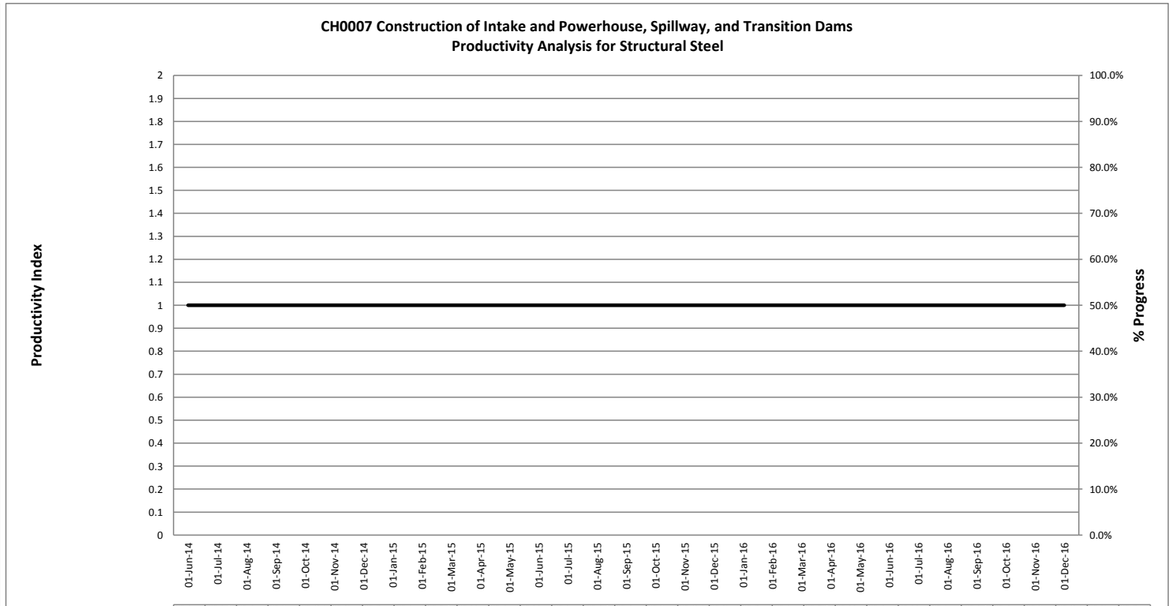
	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Foundation Prep - Monthly				0.22			0.238																							
Foundation Pre - Cumulative			0.04	0.05		0.033																								
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Foundation Prep - % Complete			0.1%	0.1%			4.1%																							



	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Concrete - Monthly				0.28																										
Concrete - Cumulative			0.41	0.32		0.203	0.275																							
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Concrete - % Complete			0.7%	1.8%			5.2%																							



	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Rebar - Monthly				0.9																										
Rebar - Cumulative			0.91	0.9		0.519	0.588																							
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Rebar - % Complete			0.7%	1.8%			5.2%																							

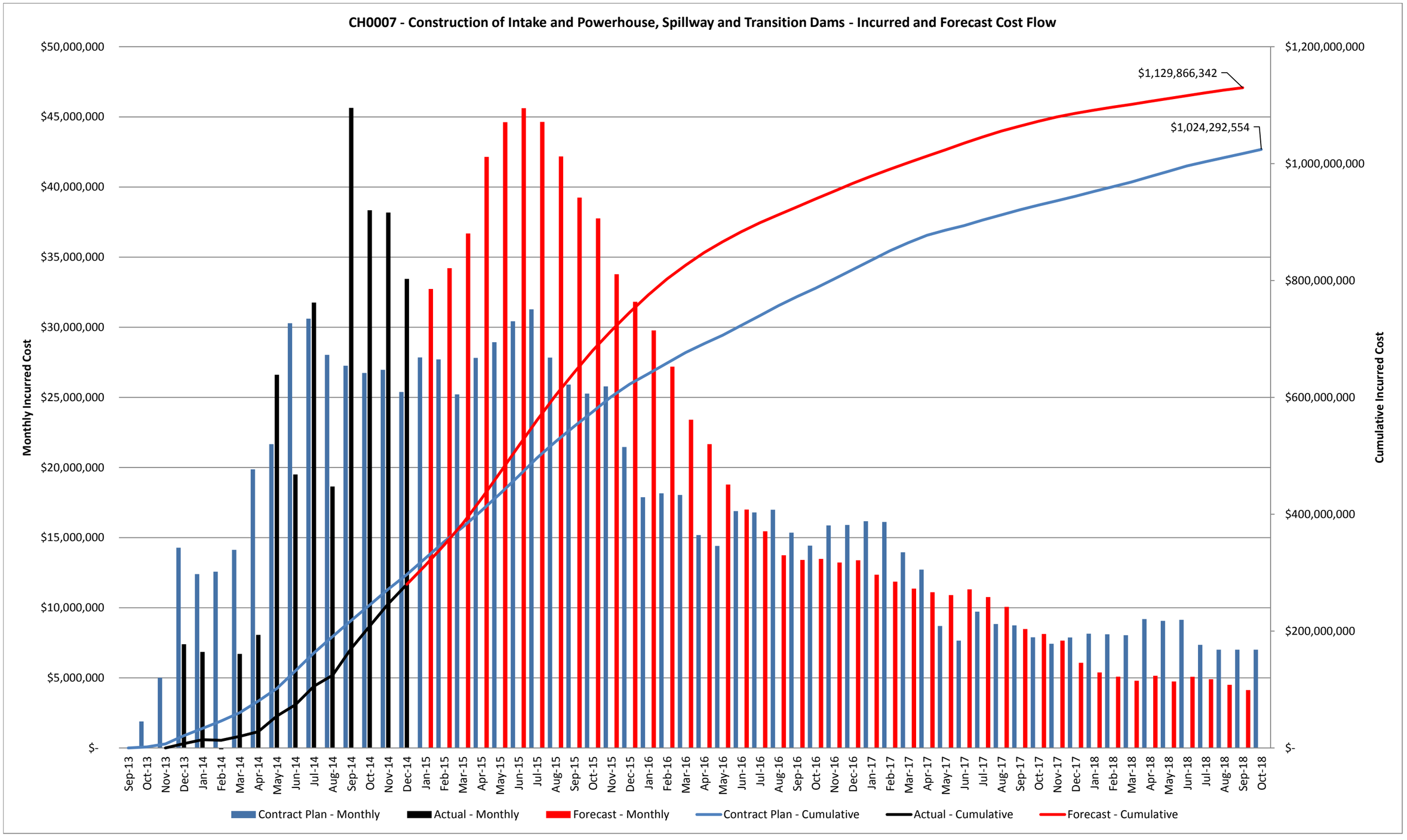


	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	25-May-15	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	25-May-16	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16
Structural Steel - Monthly																														
Structural Steel - Cumulative																														
PF Target	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Structural Steel - % Complete																														

DO NOT PRINT

Area	Summary Description	25-Jun-14	25-Jul-14	25-Aug-14	25-Sep-14	25-Oct-14	25-Nov-14	25-Dec-14	25-Jan-15	25-Feb-15	25-Mar-15	25-Apr-15	########	25-Jun-15	25-Jul-15	25-Aug-15	25-Sep-15	25-Oct-15	25-Nov-15	25-Dec-15	25-Jan-16	25-Feb-16	25-Mar-16	25-Apr-16	########	25-Jun-16	25-Jul-16	25-Aug-16	25-Sep-16	25-Oct-16	25-Nov-16	25-Dec-16	25-Jan-17	25-Feb-17	25-Mar-17	25-Apr-17	########	25-Jun-17	25-Jul-17	25-Aug-17	25-Sep-17	25-Oct-17	25-Nov-17	25-Dec-17
Monthly Productivity																																												
Dams				0.17	0.28	0.34	0.28	0.21																																				
Intake					0.22	0.40	0.09	0.26																																					
Powerhouse								0.39																																					
Spillway Rollway																																												
Spillway			0.78	0.48	0.36	0.56	0.26	0.33																																			
Total Project			0.78	0.40	0.32	0.42	0.25	0.31																																			
Cumulative Productivity																																												
Dams			0.14	0.16	0.23	0.25	0.26	0.25																																			
Intake				0.03	0.18	0.20	0.19	0.20																																			
Powerhouse							0.01	0.11																																			
Spillway Rollway																																											
Spillway			0.44	0.46	0.41	0.41	0.35	0.34																																			
Total Project			0.41	0.39	0.35	0.35	0.31	0.30																																			
Cumulative Progress																																												
Dams			0.17%	0.81%	2.40%	5.15%	9.22%	9.75%																																			
Intake			0.00%	0.01%	0.37%	0.74%	0.82%	0.92%																																			
Powerhouse							0.09%	0.13%																																			
Spillway Rollway																																											
Spillway			3.47%	6.45%	11.41%	18.31%	22.00%	23.73%																																			
Cumulative Progress			0.51%	1.00%	1.97%	3.55%	4.65%	5.00%																																			
PF Target		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Monthly Productivity by Commodity																																												
13360	Foundation Prep - Monthly				0.22																																							
25000	Concrete - Monthly				0.28																																							
28300	Rebar - Monthly				0.9																																							
33000	Structural Steel - Monthly																																											
Cumulative Productivity by Commodity																																												
13360	Foundation Pre - Cumulative		0.04	0.05			0.033	0.238																																					
25000	Concrete - Cumulative		0.41	0.32			0.203	0.275																																					
28300	Rebar - Cumulative		0.91	0.9			0.519	0.588																																					
33000	Structural Steel - Cumulative																																											
Cumulative Progress by Commodity																																												
13360	Foundation Prep - % Complete		0.1%	0.1%			4.1%																																					
25000	Concrete - % Complete		0.7%	1.8%			5.2%																																					
28300	Rebar - % Complete		1.9%	2.9%			10.8%																																					
33000	Structural Steel - % Complete																																											

CH0007 - Construction of Intake and Powerhouse, Spillway and Transition Dams - Incurred and Forecast Cost Flow



Printed: 22/01/2015-6:02 PM
Prepared: Nov-2014
By: PM\TW

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

Productivity and Cost Report - Labour Only
Summary by Nalcor Cost Code / Pay Item

Compare with Earn Value Report

Use Earned Value Report for Monthend Submission

Est Only for Ex

Est Only for Ex

Show for IC

Show for ME

Period = Cumulative - Previous

Only Populate these Columns monthly

					Budget Budget		Period Dec-14					Cumulative to Date 25-Dec-14					Estimate to Complete			Estimate at Completion				
Pay Item	Bid Item	Nalcor Cost Code	Structure	Sub-Structure / Description	Labour Hours	$ Amount	% Spent	Contract Plan Hrs	Actual Hrs	Variance Hrs	$ Amount	% Spent	Contract Plan Hrs	Actual Hrs	Variance Hrs	$ Amount	Hrs	Labour Rate	$ Amount	Hrs	Hrs Variance	$ Amount	$ Amount from EV	$ Variance
INDIRECTS																								
0001	391A	0000.92000	Indirect Costs	Labour Discount	-	$ (40,000,000)	0%	-	-	-	-	0%		-	-	$ -	-	$ -	$ (40,000,000)	-	-	**$ (40,000,000)**	**$ (40,000,000)**	$ -
0002	10	0000.92290	Indirect Costs	Health and Safety Requirements	116,000.00	$ 8,845,020	4%	3,200	4,732	1,532	344,925	49%	32,933	**56,881**	23,948	$ 4,026,595	120,848	$ 76.25	$ 9,214,680	177,729	61,729	**$ 13,562,314**	**$ 13,562,314**	$ 4,717,294
0003	9	0000.922S0	Indirect Costs	Employee Training	31,450.00	$ 2,420,324	2%	1,324	546	(778)	41,882	79%	9,385	**24,838**	15,453	$ 1,937,004	21,542	$ 76.96	$ 1,657,799	46,380	14,930	**$ 3,569,287**	**$ 3,569,287**	$ 1,148,963
0004	11	0000.924E0	Indirect Costs	Environmental Requirements	32,400.00	$ 2,556,203	3%	800	910	110	68,022	52%	9,105	**16,915**	7,810	$ 1,248,503	28,591	$ 78.90	$ 2,255,676	45,506	13,106	**$ 3,590,237**	**$ 3,590,237**	$ 1,034,034
0005	12	0000.92560	Indirect Costs	Quality Assurance / Quality Control	175,800.00	$ 13,799,281	2%	4,600	4,186	(414)	300,838	21%	49,661	**36,662**	(12,999)	$ 2,558,323	127,012	$ 78.49	$ 9,969,675	163,674	(12,126)	**$ 12,847,451**	**$ 12,847,451**	$ (951,830)
0006	6	0000.92600	Indirect Costs	Management and Staff	1,982,044.00	$ 172,483,726	4%	47,000	73,248	26,248	1,558,934	20%	555,039	**389,354**	(165,685)	$ 25,880,157	1,419,705	$ 87.02	$ 123,547,168	1,809,058	(172,986)	**$ 157,429,918**	**$ 157,429,918**	$ (15,053,808)
0007	7	0000.92654	Indirect Costs	Attendant labour	736,610.00	$ 58,375,032	3%	14,100	19,474	5,374	1,597,724	62%	202,908	**454,011**	251,102	$ 35,897,198	586,528	$ 79.25	$ 46,481,316	1,040,539	303,929	**$ 82,460,896**	**$ 82,460,896**	$ 24,085,864
0008	30	0000.94110	Indirect Costs	Chain Link Fences And Gates	64.98	$ 5,049	0%	-	-	-	-	0%	17	-	(17)	$ -	65	$ 77.71	$ 5,051	65	0	**$ 5,049**	**$ 5,049**	$ -
0009	4	0000.94120	Indirect Costs	Temporary Works (Temp Access & Ramps)	40,872.87	$ 3,246,714	174%	-	70,942	70,942	683,782	174%	10,477	**70,942**	60,465	$ 6,192,999	681	$ 79.43	$ 54,096	71,623	30,750	**$ 5,689,323**	**$ 5,689,323**	$ 2,442,609
0010	2	0000.94200	Indirect Costs	Site Installation (Temp Bldgs)	71,519.02	$ 5,668,063	371%	1,030	265,613	264,583	962,924	371%	19,362	**265,613**	246,251	$ 20,530,849	18,774	$ 79.25	$ 1,487,878	284,387	212,868	**$ 22,538,399**	**$ 22,538,399**	$ 16,870,336
0011	27	0000.94292	Indirect Costs	Temporary Bridge	7,952.61	$ 598,480	0%	-	-	-	-	0%	2,038	-	(2,038)	$ -	7,953	$ 75.26	$ 598,509	7,953	0	**$ 598,509**	**$ 598,509**	$ 29
0012	8	0000.94500	Indirect Costs	Services	50,820.62	$ 3,960,856	74%	1,067	37,679	36,612	-	74%	14,093	**37,679**	23,585	$ 3,056,204	32,299	$ 77.94	$ 2,517,335	69,978	19,157	**$ 5,453,935**	**$ 5,453,935**	$ 1,493,079
0013	17	0000.94620	Indirect Costs	Road Maint & Snow Clearing	89,450.11	$ 7,192,771	11%	1,845	10,010	8,165	815,157	45%	24,773	**40,064**	15,291	$ 2,235,950	49,496	$ 80.41	$ 3,980,011	89,560	110	**$ 7,201,630**	**$ 7,201,630**	$ 8,859
0014	5	0000.94630	Indirect Costs	Winter Protection	68,849.61	$ 5,531,277	390%	840	268,777	267,937	807,150	390%	18,488	**268,777**	250,289	$ 19,267,481	74,368	$ 80.34	$ 5,974,647	343,145	274,295	**$ 27,567,794**	**$ 27,567,794**	$ 22,036,517
0015	29	0000.94650	Indirect Costs	Temp Heat, Ventilation & Lighting of Powerhouse	1,800.99	$ 141,041	0%	-	-	-	-	0%	462	-	(462)	$ -	1,801	$ 78.31	$ 141,042	1,801	0	**$ 141,041**	**$ 141,041**	$ 0
0016	6A	0000.95640	Indirect Costs	Design and Technical Assistance	131,000.00	$ 10,508,344	48%	-	62,313	62,313	433,274	48%	33,578	**62,313**	28,735	$ 4,321,761	166,396	$ 80.22	$ 13,347,703	**228,709**	97,709	**$ 18,346,186**	**$ 18,346,186**	$ 7,837,842
0017	3	0000.96000	Indirect Costs	Contractor Equipment for Indirects	164,938.17	$ 13,197,861	37%	5,129	60,436	55,307	1,481,837	37%	47,406	**60,436**	117,670	$ 4,758,388	134,731	$ 80.02	$ 10,780,810	195,167	30,229	**$ 15,616,657**	**$ 15,616,657**	$ 2,418,796
0018	32	0000.96100	Indirect Costs	Anchor Points	372.64	$ 30,088	0%	-	-	-	-	67%	96	**249**	153	$ 20,353	186	$ 80.74	$ 15,018	435	62	**$ 35,150**	**$ 35,150**	$ 5,062
0019	28	0000.96400	Indirect Costs	Powerhouse – Construction Crane	9,936.30	$ 816,283	0%	-	-	-	-	0%	2,547	-	(2,547)	$ -	9,936	$ 82.15	$ 816,258	9,936	(0)	**$ 816,283**	**$ 816,283**	$ 0
0020	26	0000.96610	Indirect Costs	Dewatering Of Structure Areas	10,862.53	$ 866,271	55%	-	6,006	6,006	484,724	233%	2,784	**25,340**	22,556	$ 2,024,775	2,112	$ 79.75	$ 168,390	27,452	16,589	**$ 2,189,257**	**$ 2,189,257**	$ 1,322,986
0021	31	0000.96800	Indirect Costs	Temp Lateral Support & Bracings-Spillway Piers	290.21	$ 23,433	0%	-	-	-	-	0%	74	-	(74)	$ -	290	$ 80.74	$ 23,416	290	(0)	**$ 23,433**	**$ 23,433**	$ 0
0022		0000.99300	Indirect Costs	Labour Profit (7%)	-	$ 35,531,884	0%	-	-	-	-	0%	-	-	-	$ -	-	$ -	$ -	-	-	**$ 35,531,884**	**$ 35,531,884**	$ 0
0097	398	3510.94830	Indirect Costs	Supply of concrete to Company's Other Contractor	27,104.08	$ 2,179,112	0%	-	-	-	-	0%	6,947	-	(6,947)	$ -	27,140	$ 80.40	$ 2,182,000	27,140	36	**$ 2,179,020**	**$ 2,179,020**	$ (92)
				Subtotal - Indirects	**3,750,174.72**	**$ 307,977,115**	**24%**	**80,935**	**884,871**	**803,936**	**9,581,171**	**48%**	**1,042,173**	**1,810,074**	**872,541**	**$ 133,956,540**	**2,830,453**	**$ 82.12**	**$ 195,218,479**	**4,640,527**	**890,388**	**$ 377,393,653**	**$ 377,393,653**	**$ 69,416,538**

DIRECTS

Pay Item	Bid Item	Nalcor Cost Code	Structure	Sub-Structure / Description	Labour Hours	$ Amount	% Complete	Earned Hrs	Actual Hrs	PF Earn / Exp	$ Amount	% Complete	Earned Hrs	Actual Hrs	PF Earn / Exp	$ Amount	Hrs	Labour Rate	$ Amount	Hrs	Hrs Variance	$ Amount	$ Amount from EV	$ Variance
0023	20	1110.16000	Access Roads, Access Ramps And Pads	Access Roads, Access Ramps And Pads	4,381	$ 348,919	0%	-	-	-	-	0%	-	-	-	$ -	4,381	$ 79.64	$ 348,919	**4,381**	(0)	**$ 348,919**	**$ 348,919**	$ 0
0024	33	2361.12500	North Transition Dam	Foundation Preparation	417	$ 33,226	0%	-	16	-	1,286	0%	-	**52**	-	$ 1,286	401	$ 86.79	$ 34,838	**453**	36	**$ 36,124**	**$ 36,124**	$ 2,898
0025	38	2361.13360	North Transition Dam	Drilling, Pressure Grouting and Drainage	870	$ 71,034	0%	-	-	-	-	0%	-	-	-	$ -	870	$ 81.63	$ 71,034	**870**	(0)	**$ 71,034**	**$ 71,034**	$ 0
0026	50	2361.25000	North Transition Dam	Concrete, Metal Embedds & ABs	36,031	$ 2,741,203	0%	-	-	-	-	0%	-	-	-	$ -	36,031	$ 76.08	$ 2,741,203	**36,031**	0	**$ 2,741,203**	**$ 2,741,203**	$ 0
0027	54	2361.28300	North Transition Dam	Rebar	1,164	$ 85,855	0%	-	-	-	-	0%	-	-	-	$ -	1,164	$ 73.74	$ 85,855	**1,164**	0	**$ 85,855**	**$ 85,855**	$ -
0028	55	2361.33000	North Transition Dam	Misc Steel	575	$ 46,435	0%	-	-	-	-	0%	-	-	-	$ -	575	$ 80.74	$ 46,435	**575**	0	**$ 46,435**	**$ 46,435**	$ 0
0029	61B	2361.78100	North Transition Dam	Conduit	405	$ 39,528	0%	-	-	-	-	0%	-	-	-	$ -	405	$ 97.60	$ 39,528	**405**	-	**$ 39,528**	**$ 39,528**	$ -
0030	59	2361.78910	North Transition Dam	Grounding	175	$ 17,055	0%	-	-	-	-	0%	-	-	-	$ -	175	$ 97.60	$ 17,055	**175**	0	**$ 17,055**	**$ 17,055**	$ (0)
0031	62	2362.12500	Centre Transition Dam	Foundation Preparation	1,328	$ 105,765	0%	-	3,385	-	280,312	21%	273	**11,012**	0.02	$ 1,068,958	16,843	$ (20.72)	$ (348,927)	**27,855**	26,526	**$ 720,031**	**$ 720,031**	$ 614,266
0032	67	2362.13360	Centre Transition Dam	Drilling, Pressure Grouting and Drainage	2,214	$ 180,690	0%	-	124	-	10,720	0%	-	**405**	-	$ 34,871	2,090	$ 81.34	$ 169,970	**2,494**	280	**$ 204,841**	**$ 204,841**	$ 24,151
0033	81	2362.25000	Centre Transition Dam	Concrete, Metal Embedds & ABs	126,510	$ 9,611,903	0%	-	19,324	0.26	1,582,605	9%	11,499	**62,857**	0.18	$ 5,217,946	95,831	$ 77.22	$ 7,400,060	**158,688**	32,178	**$ 12,618,006**	**$ 12,618,006**	$ 3,006,103
0034	87	2362.28300	Centre Transition Dam	Rebar	3,069	$ 226,345	0%	-	-	0.21	-	9%	278	-	-	$ 58,868	3,698	$ 58.54	$ 216,493	**3,698**	629	**$ 275,361**	**$ 275,361**	$ 49,016
0035	96	2362.31000	Centre Transition Dam	Structural Steel	203	$ 16,383	0%	-	-	-	-	0%	-	-	-	$ -	203	$ 80.73	$ 16,383	**203**	-	**$ 16,383**	**$ 16,383**	$ (0)
0036	80	2362.33000	Centre Transition Dam	Misc Steel	3,674	$ 296,216	0%	-	-	-	-	0%	-	-	-	$ -	3,674	$ 80.62	$ 296,216	**3,674**	(0)	**$ 296,216**	**$ 296,216**	$ (0)
0037	101A	2362.78100	Centre Transition Dam	Conduit	600	$ 58,560	0%	-	-	-	-	0%	-	-	-	$ -	600	$ 97.60	$ 58,560	**600**	-	**$ 58,560**	**$ 58,560**	$ -
0038	97	2362.78910	Centre Transition Dam	Grounding	641	$ 62,522	0%	-	44	-	3,551	5%	35	**144**	0.24	$ 3,551	561	$ 111.58	$ 62,628	**706**	65	**$ 66,179**	**$ 66,179**	$ 3,657
0039	105	2363.12500	South Transition Dam	Foundation Preparation	843	$ 67,126	0%	-	2,294	-	184,237	42%	350	**7,463**	0.05	$ 564,323	1,591	$ (69.23)	$ (110,149)	**9,054**	8,211	**$ 454,174**	**$ 454,174**	$ 387,048
0040	110	2363.13360	South Transition Dam	Drilling, Pressure Grouting and Drainage	2,007	$ 163,819	0%	-	28	-	2,178	0%	-	**92**	-	$ 7,086	1,979	$ 81.69	$ 161,641	**2,071**	64	**$ 168,727**	**$ 168,727**	$ 4,908
0041	124	2363.25000	South Transition Dam	Concrete, Metal Embedds & ABs	38,908	$ 2,960,535	0%	-	7,639	0.09	607,294	3%	1,100	**24,846**	0.04	$ 1,263,325	25,027	$ 104.42	$ 2,613,393	**49,873**	10,965	**$ 3,876,718**	**$ 3,876,718**	$ 916,183
0042	128	2363.28300	South Transition Dam	Rebar	5,597	$ 417,301	0%	-	-	0.29	-	15%	844	-	-	$ 67,794	7,982	$ 65.05	$ 519,238	**7,982**	2,385	**$ 587,032**	**$ 587,032**	$ 169,731
0043	123	2363.33000	South Transition Dam	Misc Steel	605	$ 48,836	0%	-	-	-	-	0%	-	-	-	$ -	605	$ 80.73	$ 48,836	**605**	(0)	**$ 48,836**	**$ 48,836**	$ (0)
0044	137	2363.78100	South Transition Dam	Conduit	10	$ 976	0%	-	-	-	-	0%	-	-	-	$ -	10	$ 97.60	$ 976	**10**	-	**$ 976**	**$ 976**	$ -
0045	133	2363.78910	South Transition Dam	Grounding	433	$ 42,305	0%	-	12	-	923	0%	-	**38**	-	$ 923	375	$ 103.68	$ 38,919	**413**	(21)	**$ 39,842**	**$ 39,842**	$ (2,463)
0046	138	2364.12500	Separation Wall	Foundation Preparation	377	$ 29,793	0%	-	1,703	0.64	149,511	318%	1,198	**5,540**	0.22	$ 554,778	(3,164)	$ 82.48	$ (260,970)	**2,376**	1,999	**$ 293,808**	**$ 293,808**	$ 264,015
0047	142	2364.25000	Separation Wall	Concrete, Metal Embedds & ABs	54,354	$ 4,111,568	0%	-	11,624	0.33	954,533	16%	8,559	**37,812**	0.23	$ 2,126,152	33,409	$ 105.58	$ 3,527,528	**71,221**	16,867	**$ 5,653,680**	**$ 5,653,680**	$ 1,542,112
0048	146	2410.12500	Spillway Structure	Foundation Preparation	3,211	$ 256,955	0%	-	7,207	-	581,123	20%	626	**23,443**	0.03	$ 1,987,223	(4,622)	$ 101.90	$ (470,955)	**18,821**	15,610	**$ 1,516,268**	**$ 1,516,268**	$ 1,259,313
0049	147	2410.13360	Spillway Structure	Drilling, Pressure Grouting and Drainage	4,948	$ 389,024	0%	-	1,362	-	107,322	54%	2,692	**4,431**	0.61	$ 349,092	893	$ 86.03	$ 76,839	**5,324**	376	**$ 425,931**	**$ 425,931**	$ 36,907
0050	158	2410.25000	Spillway Structure	Concrete, Metal Embedds & ABs	294,192	$ 22,069,288	0%	-	105,155	0.16	8,588,313	22%	65,682	**342,043**	0.19	$ 24,981,936	119,421	$ 105.09	$ 12,550,108	**461,464**	167,272	**$ 37,532,044**	**$ 37,532,044**	$ 15,462,756
0051	160	2410.25100	Spillway Structure	Rollway Concrete	52,534	$ 3,993,923	0%	-	-	-	-	0%	-	-	-	$ -	52,534	$ 76.03	$ 3,993,942	**52,534**	0	**$ 3,993,942**	**$ 3,993,942**	$ 19
0052	167	2410.28300	Spillway Structure	Rebar	81,262	$ 6,058,437	0%	-	24,782	0.41	2,012,638	42%	34,368	**80,609**	0.43	$ 6,405,226	19,792	$ 87.29	$ 1,727,774	**100,401**	19,139	**$ 8,133,000**	**$ 8,133,000**	$ 2,074,563
0053	170	2410.31000	Spillway Structure	Structural Steel	850	$ 68,643	0%	-	-	-	-	0%	-	-	-	$ -	850	$ 80.76	$ 68,643	**850**	(0)	**$ 68,643**	**$ 68,643**	$ (0)
0054	186	2410.78100	Spillway Structure	Conduit	480	$ 46,848	0%	-	-	-	-	0%	-	-	-	$ -	480	$ 97.60	$ 46,848	**480**	-	**$ 46,848**	**$ 46,848**	$ -
0055	183	2410.78910	Spillway Structure	Grounding	1,834	$ 178,980	0%	-	222	1.25	17,720	8%	148	**721**	0.20	$ 61,100	1,440	$ 97.28	$ 140,129	**2,161**	327	**$ 201,229**	**$ 201,229**	$ 22,249
0056	187	2411.25000	Spillway Bridges	Concrete, Metal Embedds & ABs	3,138	$ 245,830	0%	-	-	-	-	0%	-	-	-	$ -	3,138	$ 78.34	$ 245,830	**3,138**	-	**$ 245,830**	**$ 245,830**	$ -
0057	188	2411.28300	Spillway Bridges	Rebar	2,413	$ 179,927	0%	-	-	-	-	0%	-	-	-	$ -	2,413	$ 74.56	$ 179,927	**2,413**	-	**$ 179,927**	**$ 179,927**	$ -
0058	189	2411.31000	Spillway Bridges	Structural Steel	9,125	$ 736,714	0%	-	-	-	-	0%	-	-	-	$ -	9,125	$ 80.74	$ 736,714	**9,125**	-	**$ 736,714**	**$ 736,714**	$ -
0059	196	2430.12500	Spillway Discharge Channel - Phase 1	Foundation Preparation	357	$ 28,377	0%	-	-	-	-	0%		-	-	$ -	357	$ 79.52	$ 28,377	**357**	-	**$ 28,377**	**$ 28,377**	$ -
0060	201	2430.13360	Spillway Discharge Channel - Phase 1	Drilling, Pressure Grouting and Drainage	8,189	$ 623,128	0%	-	-	-	-	0%		-	-	$ -	8,189	$ 76.09	$ 623,128	**8,189**	-	**$ 623,128**	**$ 623,128**	$ -
0061	197	2430.25000	Spillway Discharge Channel - Phase 1	Concrete, Metal Embedds & ABs	14,979	$ 1,148,786	0%	-	-	-	-	0%		-	-	$ -	14,979	$ 76.69	$ 1,148,786	**14,979**	-	**$ 1,148,786**	**$ 1,148,786**	$ -
0062	200	2430.28300	Spillway Discharge Channel - Phase 1	Rebar	2,865	$ 213,585	0%	-	-	-	-	0%		-	-	$ -	2,865	$ 74.56	$ 213,585	**2,865**	-	**$ 213,585**	**$ 213,585**	$ -
0063	202	2431.12500	Spillway Discharge Channel - Phase 2 - Optional	Foundation Preparation	178	$ 14,188	0%	-	-	-	-	0%		-	-	$ -	178	$ 79.52	$ 14,188	**178**	-	**$ 14,188**	**$ 14,188**	$ -
0064	207	2431.13360	Spillway Discharge Channel - Phase 2 - Optional	Drilling, Pressure Grouting and Drainage	4,263	$ 324,368	0%	-	-	-	-	0%		-	-	$ -	4,263	$ 76.09	$ 324,368	**4,263**	-	**$ 324,368**	**$ 324,368**	$ -
0065	203	2431.25000	Spillway Discharge Channel - Phase 2 - Optional	Concrete, Metal Embedds & ABs	6,406	$ 475,901	0%	-	-	-	-	0%		-	-	$ -	6,406	$ 74.29	$ 475,901	**6,406**	-	**$ 475,901**	**$ 475,901**	$ -
0066	206	2431.28300	Spillway Discharge Channel - Phase 2 - Optional	Rebar	1,778	$ 132,570	0%	-	-	-	-	0%		-	-	$ -	1,778	$ 74.56	$ 132,570	**1,778**	-	**$ 132,570**	**$ 132,570**	$ -
0067	208	2432.12500	Spillway Discharge Channel - Phase 3 - Optional	Foundation Preparation	421	$ 33,500	0%	-	-	-	-	0%		-	-	$ -	421	$ 79.52	$ 33,500	**421**	-	**$ 33,500**	**$ 33,500**	$ -
0068	213	2432.13360	Spillway Discharge Channel - Phase 3 - Optional	Drilling, Pressure Grouting and Drainage	10,320	$ 785,312	0%	-	-	-	-	0%		-	-	$ -	10,320	$ 76.09	$ 785,312	**10,320**	-	**$ 785,312**	**$ 785,312**	$ -
0069	209	2432.25000	Spillway Discharge Channel - Phase 3 - Optional	Concrete, Metal Embedds & ABs	11,549	$ 873,040	0%	-	-	-	-	0%		-	-	$ -	11,549	$ 75.59	$ 873,040	**11,549**	-	**$ 873,040**	**$ 873,040**	$ -
0070	212	2432.28300	Spillway Discharge Channel - Phase 3 - Optional	Rebar	3,161	$ 235,680	0%	-	-	-	-	0%		-	-	$ -	3,161	$ 74.56	$ 235,680	**3,161**	-	**$ 235,680**	**$ 235,680**	$ -
0071	225	3220.12500	Intake Structure	Foundation Preparation	607	$ 48,280	0%	-	3,945	-	328,402	46%	281	**12,833**	0.02	$ 1,175,009	807	$ (508.94)	$ (410,648)	**13,640**	13,033	**$ 764,361**	**$ 764,361**	$ 716,081
0072	214	3220.13360	Intake Structure	Drilling, Pressure Grouting and Drainage	7,251	$ 591,858	0%	-	122	-	11,625	0%	-	**397**	-	$ 37,812	7,129	$ 81.40	$ 580,233	**7,526**	275	**$ 618,045**	**$ 618,045**	$ 26,187
0073	228	3220.25000	Intake Structure	Concrete, Metal Embedds & ABs	699,091	$ 53,115,281	0%	-	12,872	0.10	1,040,751	1%	5,640	**41,868**	0.13	$ 3,883,521	680,316	$ 75.19	$ 51,153,765	**722,184**	23,093	**$ 55,037,286**	**$ 55,037,286**	$ 1,922,005
0074	236	3220.28300	Intake Structure	Rebar	271,175	$ 20,400,897	0%	-	2,312	1.07	189,968	1%	2,089	**7,520**	0.28	$ 757,676	266,085	$ 74.78	$ 19,898,811	**273,605**	2,430	**$ 20,656,487**	**$ 20,656,487**	$ 255,590
0075	227	3220.33000	Intake Structure	Misc Steel	6	$ 440	0%	-	-	-	-	0%	-	-	-	$ -	6	$ 77.74	$ 440	**6**	(0)	**$ 440**	**$ 440**	$ 0

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

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Productivity and Cost Report - Labour Only
Summary by Nalcor Cost Code / Pay Item

Est Only for Ex

Est Only for Ex

Show for IC

Show for ME

Period = Cumulative - Previous

Only Populate these Columns monthly

					Budget Budget		Period Dec-14					Cumulative to Date 25-Dec-14					Estimate to Complete			Estimate at Completion				
Pay Item	Bid Item	Nalcor Cost Code	Structure	Sub-Structure / Description	Labour Hours	$ Amount	% Spent	Contract Plan Hrs	Actual Hrs	Variance Hrs	$ Amount	% Spent	Contract Plan Hrs	Actual Hrs	Variance Hrs	$ Amount	Hrs	Labour Rate	$ Amount	Hrs	Hrs Variance	$ Amount	$ Amount from EV	$ Variance
0076	243A	3290.78100	Intake - Electrical Work	Conduit	1,655	$ 161,479	0%	-	-	-	-	0%	-	-	-	$ -	1,655	$ 97.60	$ 161,479	**1,655**	-	**$ 161,479**	**$ 161,479**	$ (0)
0077	243D	3290.78800	Intake - Electrical Work	Heat Tracing	547	$ 42,831	0%	-	-	-	-	0%	-	-	-	$ -	547	$ 78.27	$ 42,831	**547**	-	**$ 42,831**	**$ 42,831**	$ (0)
0078	240	3290.78910	Intake - Electrical Work	Grounding	2,999	$ 292,678	0%	-	11	-	888	0%	8	**36**	0.23	$ 888	2,979	$ 98.34	$ 292,992	**3,016**	17	**$ 293,880**	**$ 293,880**	$ 1,202
0079	253	3310.12500	Powerhouse Substructure	Foundation Preparation	1,289	$ 102,471	0%	-	2,982	0.03	245,585	13%	166	**9,698**	0.02	$ 757,842	(1,954)	$ 45.59	$ (89,080)	**7,744**	6,456	**$ 668,762**	**$ 668,762**	$ 566,291
0080	244	3310.13360	Powerhouse Substructure	Drilling, Pressure Grouting and Drainage	4,494	$ 356,932	0%	-	-	-	-	0%	-	-	-	$ -	4,494	$ 79.42	$ 356,932	**4,494**	0	**$ 356,932**	**$ 356,932**	$ 0
0081	257	3310.25000	Powerhouse Substructure	Concrete, Metal Embedds & ABs	746,843	$ 56,901,463	0%	-	3,045	-	256,251	0%	-	**9,903**	-	$ 786,836	737,760	$ 76.29	$ 56,287,033	**747,663**	821	**$ 57,073,869**	**$ 57,073,869**	$ 172,406
0082	272	3310.26000	Powerhouse Substructure	Precast Concrete	1,491	$ 120,358	0%	-	-	-	-	0%	7	-	-	$ -	1,491	$ 80.74	$ 120,358	**1,491**	(0)	**$ 120,358**	**$ 120,358**	$ -
0083	254	3310.27500	Powerhouse Substructure	Ductbank to SWYD c/w Elect MHs	10,652	$ 803,722	0%	-	-	-	-	0%	-	-	-	$ -	10,652	$ 75.45	$ 803,722	**10,652**	0	**$ 803,722**	**$ 803,722**	$ 0
0084	274	3310.28300	Powerhouse Substructure	Rebar	278,095	$ 20,921,497	0%	-	-	-	-	0%	-	-	-	$ 4,720	282,841	$ 75.31	$ 21,301,964	**282,841**	4,747	**$ 21,306,684**	**$ 21,306,684**	$ 385,187
0085	314	3320.25000	Intake And Powerhouse Superstructure	Concrete, Metal Embedds & ABs	5,951	$ 480,386	0%	-	-	-	-	0%		-	-	$ -	5,951	$ 80.72	$ 480,386	**5,951**	-	**$ 480,386**	**$ 480,386**	$ -
0086	280	3320.31000	Intake And Powerhouse Superstructure	Structural Steel	90,039	$ 7,276,125	0%	-	-	-	-	0%		-	-	$ -	90,039	$ 80.81	$ 7,276,125	**90,039**	-	**$ 7,276,125**	**$ 7,276,125**	$ -
0087	304	3320.33000	Intake And Powerhouse Superstructure	Misc Steel	34,703	$ 2,781,116	0%	-	-	-	-	0%		-	-	$ -	34,703	$ 80.14	$ 2,781,116	**34,703**	-	**$ 2,781,116**	**$ 2,781,116**	$ -
0088	332A	3320.39130	Intake And Powerhouse Superstructure	Intumescent Paint	10,709	$ 841,119	0%	-	-	-	-	0%		-	-	$ -	10,709	$ 78.55	$ 841,119	**10,709**	-	**$ 841,119**	**$ 841,119**	$ -
0089	343	3320.41000	Intake And Powerhouse Superstructure	Roofing	3,082	$ 250,291	0%	-	-	-	-	0%		-	-	$ -	3,082	$ 81.21	$ 250,291	**3,082**	-	**$ 250,291**	**$ 250,291**	$ -
0090	339	3320.42000	Intake And Powerhouse Superstructure	Siding, Doors & Windows	26,230	$ 2,098,573	0%	-	-	-	-	0%		-	-	$ -	26,230	$ 80.01	$ 2,098,573	**26,230**	-	**$ 2,098,573**	**$ 2,098,573**	$ -
0091	356	3320.42400	Intake And Powerhouse Superstructure	Masonry	112	$ 9,005	0%	-	-	-	-	0%		-	-	$ -	112	$ 80.74	$ 9,005	**112**	-	**$ 9,005**	**$ 9,005**	$ -
0092	358A	3340.77000	Powerhouse - Building Electrical Services	Lighting	3,615	$ 352,791	0%	-	-	-	-	0%		-	-	$ -	3,615	$ 97.60	$ 352,791	**3,615**	-	**$ 352,791**	**$ 352,791**	$ -
0093	378	3350.61000	Bldg Mechanical Services	Piping/Mech Systems	13,202	$ 1,144,231	0%	-	-	-	-	0%		-	-	$ -	13,202	$ 86.67	$ 1,144,231	**13,202**	-	**$ 1,144,231**	**$ 1,144,231**	$ -
0094	362A	3430.78100	Turbine Generator And Ancillaries - Electrical Work	Conduit	1,338	$ 130,540	0%	-	-	-	-	0%		-	-	$ -	1,338	$ 97.60	$ 130,540	**1,338**	-	**$ 130,540**	**$ 130,540**	$ -
0095	359	3430.78910	Turbine Generator And Ancillaries - Electrical Work	Grounding	5,849	$ 570,846	0%	-	-	-	-	0%		-	-	$ -	5,849	$ 97.60	$ 570,846	**5,849**	-	**$ 570,846**	**$ 570,846**	$ -
0096	381	3440.61000	PH Mech Ancillary/Auxiliary Systems	Piping/Mech Systems	51,470	$ 4,460,995	0%	-	-	-	-	0%		-	-	$ -	51,470	$ 86.67	$ 4,460,995	**51,470**	-	**$ 4,460,995**	**$ 4,460,995**	$ -
				Subtotal - Directs	**3,076,339**	**$ 235,153,109**	**0%**	**-**	**210,210**	**-**	**17,157,736**	**4%**	**135,844**	**683,762**	**0.20**	**$ 52,158,742**	**2,746,355**		**$ 212,876,746**	**3,430,118**	**353,779**	**$ 265,035,488**	**$ 265,035,488**	**$ 29,882,379**
				Total Labour (Before Changes)	**6,826,478**	**$ 543,130,225**	**0%**		**1,095,081**			**0%**		**2,493,836**		**$ 186,115,282**			**$ 408,095,225**	**8,070,645**	**1,244,167**	**$ 642,429,141**	**$ 642,429,141**	**$ 99,298,916**

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

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Period = Cumulative - Previous — Only Populate these Columns monthly

					Budget		Period					Cumulative to Date					Estimate to Complete			Estimate at Completion				
					Budget		Dec-14					25-Dec-14												
Pay Item	Bid Item	Nalcor Cost Code	Structure	Sub-Structure / Description	Labour Hours	$ Amount	% Spent	Contract Plan Hrs	Actual Hrs	Variance Hrs	$ Amount	% Spent	Contract Plan Hrs	Actual Hrs	Variance Hrs	$ Amount	Hrs	Labour Rate	$ Amount	Hrs	Hrs Variance	$ Amount	$ Amount from EV	$ Variance
		Change Orders	**Change Orders**	**Change Orders**	-	$ -	0%	-	-		-	0%	-	1,290	-	$ 262,272	-	$ -	$ -	3,268	3,268	$ 262,272	$ 262,272	$ 262,272
		CHO-0001		Emergency Work at MacKenzie Brook Bridge & Installation of a bypasss										1,290		$ 108,390		$ -	$ -	1,290	1,290	$ 108,390	$ 108,390	$ 108,390
		CHO-0002		Completion of Construction Power Requirements												$ 153,882		$ -	$ -	1,979	1,979	$ 153,882	$ 153,882	$ 153,882
																$ -		$ -	$ -	-	-	$ -	$ -	$ -
																$ -		$ -	$ -	-	-	$ -	$ -	$ -
																$ -		$ -	$ -	-	-	$ -	$ -	$ -
				Subtotal with Approved Changes	6,826,478	$ 543,130,225	0%	-	1,095,081		-	0%	-	2,495,126	-	$ 186,377,554	-	$ -	$ 408,095,225	8,073,913	1,247,435	$ 642,691,413	$ 642,691,413	$ 99,561,188
		Change Requests		**Change Requests**	-	$ -	0%	-	-		-	0%	-	59,564	-	$ 4,978,795	-	$ -	$ 258,090	57,585	57,585	$ 4,978,795	$ 4,978,795	$ 4,978,795
		CHR-1001		Supply & Install Second Stage Concrete for Hydro-Mechanical Embedded Parts												$ -						$ -		$ -
		CHR-1002		Provide optional unit prices for the supply & transportatuio of aggregate to other contractors at the switchyard/converter area												$ -						$ -		$ -
		CHR-1003		Provision of bus service between Goosebay, North West River & Sheshatshu, plus Goosebay, Goosebay Airport & The Accomodation Complex												$ -						$ -		$ -
		CHR-1004		Take over the provision of all stipulated sanitary cleaning required of the washcars including supply of all associated consumables												$ -						$ -		$ -
		CHR-1005		Ref: ECN-0001 & ECN-0002 These two ECN(s) covered IFC Technical Specifications, Drawings & Piping Isometric Drawings that were either not previously released to contractor or are revised IFC documents												$ -						$ -		$ -
		CHR-1006		Mobilization & Set-up of required equipment & the crushing\Stockpiling of the three types of aggregate as required												$ -						$ -		$ -
		CHR-1007	Becomes Change Order CHO-0002	Completion of construction Power Requirements										1,979		$ -						$ -		$ -
																$ -						$ -		$ -
		CHR-2022		Spillway Upstream rock face reconstruction										6,168		$ 499,696				6,168	6,168	$ 499,696	$ 499,696	$ 499,696
		40-12500-E		Spillway rock profile increased complexity										27,735		$ 2,343,314			$ 3,471	27,735	27,735	$ 2,343,314	$ 2,343,314	$ 2,343,314
		CON-028												20,710		$ 1,718,898			$ 72,264	20,710	20,710	$ 1,718,898	$ 1,718,898	$ 1,718,898
		CON-033												328		$ 45,488			$ 33,323	328	328	$ 45,488	$ 45,488	$ 45,488
		CON-041												300		$ 26,411				300	300	$ 26,411	$ 26,411	$ 26,411
		CON-061												1,638		$ 136,691				1,638	1,638	$ 136,691	$ 136,691	$ 136,691
		SIN-009												561		$ 46,906				561	561	$ 46,906	$ 46,906	$ 46,906
		CTU3A-RR												98		$ 7,176				98	98	$ 7,176	$ 7,176	$ 7,176
		I2B-RB												47		$ 5,184				47	47	$ 5,184	$ 5,184	$ 5,184
		AH-001														$ 14,533			$ 14,533	-	-	$ 14,533	$ 14,533	$ 14,533
		FWO-016														$ 124,333				-	-	$ -	$ -	$ -
		SIN-016														$ 10,165			$ 10,165	-	-	$ 10,165	$ 10,165	$ 10,165
		FWO-016														$ -			$ 124,334	-	-	$ 124,334	$ 124,334	$ 124,334
																$ -				-	-	$ -		$ -
				Total with Approved and Unapproved Changes	6,826,478	$ 543,130,225	0%	-	1,095,081		-	0%	-	2,554,690	-	$ 191,356,349	-	$ -	$ 408,353,314	8,131,498	1,305,020	$ 647,670,208	$ 647,670,208	$ 104,539,983

		Rework	**Description**		-	$ -	0%	-	-		-	0%	-	841	-	$ -	-	$ -	$ -	-	-	$ -	$ -	$ -
		10760-RW1	ICS Line C Rework	Not Reimbursed by Nalcor										687										$ -
		CHO-0002	Waterstop Rework in Lift # SWB3C	Not Reimbursed by Nalcor										154										$ -
																								$ -
																								$ -
																								$ -

CH0007 Construction of Intake and Powerhouse, Spillway, and Transition Dams

Non- Labour Cost Summary

			HIDE	HIDE		Original Contract				Previous Cumulative 25-Nov-14		Period Dec-14		Cumulative to Date 25-Dec-14	Hide			Hide		Hide		Forecast to Complete		Forecast at Completion	
Pay Item	**Bid Item**	**Cost Code**	**WBS.Nalcor.Bid Item**	**Monthly Summary Lookup**	**Description**	**Quantity**	**UoM**	**Unit Cost**	**Amount**	**Quantity**	**$ Amount**	**Quantity**	**$ Amount**	**Quantity**	**Accrual Days**	**Accrual Factor**	**Delta previous two months**	**Weekly Average $$**	**Over-ride**	**$$ Accrual**	**$ Amount**	**Quantity**	**$ Amount**	**Quantity**	**$ Amount**
0098		0000.92260		Indirects	M&E-Indirect Costs - Financing, Contingency, Overheads, Fees, etc.				$ 55,358,052	0%	$ 13,839,513		$ 908,331		30	0.77	-	-	-	-	$ 14,747,844		$ 40,610,208		$ 55,358,052
	18		0000.92260.18		Financing, Contingency, Head Office Overheads, & Consultant Fees	1	LS	$ 55,358,052	$ 55,358,052	0.25	$ 13,839,513		$ 908,331	0.27	30	0.77	1,022,364	39,322	-	908,331	$ 14,747,844	0.73	$ 40,610,208	1	$ 55,358,052
0099		0000.92290		Indirects	M&E-Indirect Costs - Health and Safety Requirements				$ 2,732,513	-	$ 603,066		$ 12,831		30	0.77	-	-	-	-	$ 615,897		$ 2,116,616		$ 2,732,513
	10		0000.92290.10		Health and Safety Requirements	1	LS	$ 2,732,513	$ 2,732,513	0.22	$ 603,066		$ 12,831	0.23	30	0.77	(27,407)	(1,054)	12,831	12,831	$ 615,897	0.77	$ 2,116,616	1	$ 2,732,513
0100		0000.924E0		Indirects	M&E-Indirect Costs - Environmental Requirements				$ 24,075	-	$ 5,648		$ 120		30	0.77	-	-	-	-	$ 5,768		$ 18,307		$ 24,075
	11		0000.924E0.11		Environmental Requirements	1	LS	$ 24,075	$ 24,075	0.23	$ 5,648		$ 120	0.24	30	0.77	(85)	(3)	120	120	$ 5,768	0.76	$ 18,307	1	$ 24,075
0101		0000.92600		Indirects	M&E-Indirect Costs - Management and Staff				$ 10,263,111	-	$ 2,433,384		$ 44,071		30	0.77	-	-	-	-	$ 2,477,454		$ 7,785,656		$ 10,263,111
	6		0000.92600.6		Management and Staff	1	LS	$ 10,263,111	$ 10,263,111	0.24	$ 2,433,384		$ 44,071	0.24	30	0.77	49,604	1,908	-	44,071	$ 2,477,454	0.76	$ 7,785,656	1	$ 10,263,111
0102		0000.93100		Indirects	M&E-Indirect Costs - Estimate of Travel Allowances - Trades Labour				$ 29,057,891	-	$ 2,163,662		$ 261,029		30	0.77	-	-	-	-	$ 2,424,691		$ 26,633,200		$ 29,057,891
	19A		0000.93100.19A		Estimate of Travel Allowances - Trades Labour	1	LS	$ 29,057,891	$ 29,057,891	0.07	$ 2,163,662		$ 261,029	0.08	30	0.77	293,799	11,300	-	261,029	$ 2,424,691	0.92	$ 26,633,200	1	$ 29,057,891
0103		0000.94110		Indirects	M&E-Indirect Costs - Chain Link Fences And Gates				$ 8,485	-	$ -		$ -		30	0.77	-	-	-	-	$ -		$ 8,485		$ 8,485
	30		0000.94110.30		Chain Link Fences and Gates in the Powerhouse Parking and Contractor's Laydown	1	m	$ 170	$ 8,485	-	$ -		$ -	-	30	0.77	-	-	-	-	$ -		$ 8,485	1	$ 8,485
0104		0000.94120		Indirects	M&E-Indirect Costs - Temporary Works (Temp Access & Ramps)				$ 1,065,868	-	$ 913,343		$ 588,024		30	0.77	-	-	-	-	$ 1,501,367		$ (435,498)		$ 1,065,868
	4		0000.94120.4		Temporary Works	1	LS	$ 1,065,868	$ 1,065,868	0.86	$ 913,343		$ 588,024	1.41	30	0.77	661,845	25,456	-	588,024	$ 1,501,367	(0.41)	$ (435,498)	1	$ 1,065,868
0105		0000.94200		Indirects	M&E-Indirect Costs - Site Installation (Temp Bldgs)				$ 20,028,886	-	$ 16,619,969		$ 353,616		30	0.77	-	-	-	-	$ 16,973,586		$ 3,055,300		$ 20,028,886
	2		0000.94200.2		Site Installation	1	LS	$ 20,028,886	$ 20,028,886	0.83	$ 16,619,969		$ 353,616	0.85	30	0.77	(2,964,998)	(114,038)	353,616	353,616	$ 16,973,586	0.15	$ 3,055,300	1	$ 20,028,886
0106		0000.94292		Indirects	M&E-Indirect Costs - Temporary Bridge				$ 831,039	-	$ -		$ -		30	0.77	-	-	-	-	$ -		$ 831,039		$ 831,039
	27		0000.94292.27		Temporary Downstream Bridge over the Spillway	1	LS	$ 831,039	$ 831,039	-	$ -		$ -	-	30	0.77	-	-	-	-	$ -		$ 831,039	1	$ 831,039
0107		0000.94500		Indirects	M&E-Indirect Costs - Services				$ 15,363,286	-	$ 5,023,795		$ 1,246,444		30	0.77	-	-	-	-	$ 6,270,238		$ 9,093,048		$ 15,363,286
	8		0000.94500.8		Services	1	LS	$ 15,363,286	$ 15,363,286	0.33	$ 5,023,795		$ 1,246,444	0.41	30	0.77	1,402,924	53,959	-	1,246,444	$ 6,270,238	0.59	$ 9,093,048	1	$ 15,363,286
0108		0000.94620		Indirects	M&E-Indirect Costs - Road Maint & Snow Clearing				$ 6,105,647	-	$ 1,320,602		$ 28,635		30	0.77	-	-	-	-	$ 1,349,237		$ 4,756,410		$ 6,105,647
	17		0000.94620.17		Site Maintenance	1	LS	$ 5,743,115	$ 5,743,115	0.23	$ 1,295,072		$ 27,555	0.23	30	0.77	(46,881)	(1,803)	27,555	27,555	$ 1,322,627	0.77	$ 4,420,488	1	$ 5,743,115
	17A		0000.94620.17A		Maintenance Grade No. 3 Material	7,200	m³	$ 16	$ 113,934	-	$ -		$ -	-	30	0.77	-	-	-	-	$ -	7,200	$ 113,934	7,200	$ 113,934
	17B		0000.94620.17B		Coarse Sand	2,900	m³	$ 17	$ 47,972	1,543.29	$ 25,529		$ 1,080	1,609	30	0.77	1,216	47	-	1,080	$ 26,610	1,291	$ 21,363	2,900	$ 47,972
	17C		0000.94620.17C		Calcium Chloride (20 kg bag)	12,500	each	$ 16	$ 200,625	-	$ -		$ -	-	30	0.77	-	-	-	-	$ -	12,500	$ 200,625	12,500	$ 200,625
0109		0000.94630		Indirects	M&E-Indirect Costs - Winter Protection				$ 17,810,471	-	$ 5,873,893		$ 124,976		30	0.77	-	-	-	-	$ 5,998,870		$ 11,811,601		$ 17,810,471
	5		0000.94630.5		Winter Protection	1	LS	$ 17,810,471	$ 17,810,471	0.33	$ 5,873,893		$ 124,976	0.23	30	0.77	(4,574,920)	(175,958)	124,976	124,976	$ 5,998,870	0.77	$ 11,811,601	1	$ 17,810,471
0110		0000.94650		Indirects	M&E-Indirect Costs - Temp Heat, Ventilation & Lighting of Powerhouse				$ 4,774,603	-	$ -		$ -		30	0.77	-	-	-	-	$ -		$ 4,774,603		$ 4,774,603
	29		0000.94650.29		Temporary Heating, Ventilating and Lighting of Powerhouse	1	LS	$ 4,774,603	$ 4,774,603	-	$ -		$ -	0.23	30	0.77	-	-	-	-	$ -	0.77	$ 4,774,603	1	$ 4,774,603
0111		0000.94660		Indirects	M&E-Indirect Costs - Demobilization				$ 6,480,990	-	$ -		$ -		30	0.77	-	-	-	-	$ -		$ 6,480,990		$ 6,480,990
	19		0000.94660.19		Demobilization	1	LS	$ 6,480,990	$ 6,480,990	-	$ -		$ -	0.23	30	0.77	-	-	-	-	$ -	0.77	$ 6,480,990	1	$ 6,480,990
0112		0000.94910		Indirects	M&E-Indirect Costs - Mobilization				$ 8,326,992	-	$ 8,326,992		$ -		30	0.77	-	-	-	-	$ 8,326,992		$ (0)		$ 8,326,992
	1		0000.94910.1		Mobilization	1	LS	$ 8,326,992	$ 8,326,992	1.00	$ 8,326,992		$ -	0.23	30	0.77	0	0	-	0	$ 8,326,992	0.77	$ (0)	1	$ 8,326,992
0113		0000.95640		Indirects	M&E-Indirect Costs - Design and Technical Assistance				$ 1,334,825	-	$ 326,098		$ 6,938		30	0.77	-	-	-	-	$ 333,036		$ 1,001,789		$ 1,334,825
	6A		0000.95640.6A		Design and Technical Assistance	1	LS	$ 1,334,825	$ 1,334,825	0.24	$ 326,098		$ 6,938	0.23	30	0.77	(278,789)	(10,723)	6,938	6,938	$ 333,036	0.77	$ 1,001,789	1	$ 1,334,825
0114		0000.96000		Indirects	M&E-Indirect Costs - Contractor Equipment for Indirects				$ 12,647,314	-	$ 4,135,672		$ 1,169,822		30	0.77	-	-	-	-	$ 5,305,494		$ 7,341,820		$ 12,647,314
	3		0000.96000.3		Contractor Equipment for Indirects	1	LS	$ 12,647,314	$ 12,647,314	0.33	$ 4,135,672		$ 1,169,822	0.23	30	0.77	1,316,683	50,642	-	1,169,822	$ 5,305,494	0.77	$ 7,341,820	1	$ 12,647,314
0115		0000.96100		Indirects	M&E-Indirect Costs - Anchor Points				$ 9,348	-	$ 6,061		$ -		30	0.77	-	-	-	-	$ 6,061		$ 3,287		$ 9,348
	32		0000.96100.32		Anchor Points at Powerhouse and Spillway	50	each	$ 187	$ 9,348	32.42	$ 6,061		$ -	32	30	0.77	-	-	-	-	$ 6,061	18	$ 3,287	50	$ 9,348
0116		0000.96400		Indirects	M&E-Indirect Costs - Powerhouse – Construction Crane				$ 642,583	-	$ -		$ -		30	0.77	-	-	-	-	$ -		$ 642,583		$ 642,583
	28		0000.96400.28		Powerhouse – Construction Crane	1	LS	$ 642,583	$ 642,583	-	$ -		$ -	0.23	30	0.77	-	-	-	-	$ -	0.77	$ 642,583	1	$ 642,583
0117		0000.96610		Indirects	M&E-Indirect Costs - Dewatering Of Structure Areas				$ 829,609	-	$ 211,550		$ 4,501		30	0.77	-	-	-	-	$ 216,051		$ 613,557		$ 829,609
	26		0000.96610.26		Structure Areas	1	LS	$ 829,609	$ 829,609	0.26	$ 211,550		$ 4,501	0.23	30	0.77	(356,115)	(13,697)	4,501	4,501	$ 216,051	0.77	$ 613,557	1	$ 829,609
0118		0000.96800		Indirects	M&E-Indirect Costs - Temp Lateral Support & Bracings-Spillway Piers				$ 55,341	-	$ -		$ -		30	0.77	-	-	-	-	$ -		$ 55,341		$ 55,341
	31		0000.96800.31		Temporary Lateral Support and Bracings for Piers of the Spillway	1	LS	$ 55,341	$ 55,341	-	$ -		$ -	0.23	30	0.77	-	-	-	-	$ -	0.77	$ 55,341	1	$ 55,341
0119		0000.98100		Indirects	M&E-Indirect Costs - Contractor Insurance				$ 5,576,498	-	$ 1,303,228		$ 45,612		30	0.77	-	-	-	-	$ 1,348,840		$ 4,227,658		$ 5,576,498
	15		0000.98100.15		Contractor Insurance, per Article 18 of the Agreement	1	Ls	$ 5,576,498	$ 5,576,498	0.23	$ 1,303,228		$ 45,612	0.23	30	0.77	51,338	1,975	-	45,612	$ 1,348,840	0.77	$ 4,227,658	1	$ 5,576,498
0120		0000.98200		Indirects	M&E-Indirect Costs - Letters of Credit				$ 31,723,429	-	$ 7,413,765		$ 178,694		30	0.77	-	-	-	-	$ 7,592,459		$ 24,130,970		$ 31,723,429
	13		0000.98200.13		Letters of Credit	1	LS	$ 31,723,429	$ 31,723,429	0.23	$ 7,413,765		$ 178,694	0.23	30	0.77	201,127	7,736	-	178,694	$ 7,592,459	0.77	$ 24,130,970	1	$ 31,723,429
0121		0000.98610		Indirects	M&E-Indirect Costs - Warranty				$ 2,235,825	-	$ 522,512		$ 11,117		30	0.77	-	-	-	-	$ 533,630		$ 1,702,195		$ 2,235,825
	16		0000.98610.16		Warranty, per Article 17 of the Agreement	1	LS	$ 2,235,825	$ 2,235,825	0.23	$ 522,512		$ 11,117	0.23	30	0.77	(27,131)	(1,044)	11,117	11,117	$ 533,630	0.77	$ 1,702,195	1	$ 2,235,825
					Subtotal Indirects				**$ 233,286,680**		**$ 71,042,752**		**$ 4,984,762**							**$ 4,984,762.15**	**$ 76,027,514**		**$ 157,259,167**		**$ 233,286,680**

Pay Item	Bid Item	Cost Code	WBS.Nalcor.Bid Item		Description	Quantity	UoM	Unit Cost	Amount	Quantity	$ Amount	Quantity	$ Amount	Quantity	Accrual Days	Accrual Factor			Over-ride	$$ Accrual	$ Amount	Quantity	$ Amount	Quantity	$ Amount
0122		1110.16000		Powerhous	M&E-Access Roads, Access Ramps And Pads - Access Roads, Access Ramps And Pads				$ 169,882	-	$ -		$ -	-	30	0.77				-	$ -		$ 169,882		$ 169,882
	20		1110.16000.20		Overburden Excavation	6,400	m³	$ 4	$ 24,564	-	$ -		$ -	-	30	0.77				-	$ -		$ 24,564		$ 24,564
	21		1110.16000.21		Zone 3C Material	3,960	m³	$ 8	$ 31,126	-	$ -		$ -	-	30	0.77				-	$ -		$ 31,126		$ 31,126
	22		1110.16000.22		Zone 3D Material	8,360	m³	$ 8	$ 65,711	-	$ -		$ -	-	30	0.77				-	$ -		$ 65,711		$ 65,711
	23		1110.16000.23		Granular "B" Material	1,250	m³	$ 19	$ 24,007	-	$ -		$ -	-	30	0.77				-	$ -		$ 24,007		$ 24,007
	24		1110.16000.24		Granular "C" Material	1,250	m³	$ 19	$ 24,007	-	$ -		$ -	-	30	0.77				-	$ -		$ 24,007		$ 24,007
	25		1110.16000.25		Concrete Culvert 600 mm	45	m	$ 10	$ 467	-	$ -		$ -	-	30	0.77				-	$ -		$ 467		$ 467
0123		2361.12500		Dams	M&E-North Transition Dam - Foundation Preparation				$ 26,332	-	$ -		$ -	-	30	0.77				-	$ -		$ 26,332		$ 26,332
	33		2361.12500.33		Fill Excavation (Sand Layer for Winter Protection)	650	m³	$ 16	$ 10,568	-	$ -		$ -	-	30	0.77				-	$ -		$ 10,568		$ 10,568
	34		2361.12500.34		Dental Excavation	30	m³	$ 11	$ 324	-	$ -		$ -	-	30	0.77				-	$ -		$ 324		$ 324
	35		2361.12500.35		Scaling and Water/Air Jet Cleaning of Bedrock	430	m2	$ 1	$ 534	-	$ -		$ -	-	30	0.77				-	$ -		$ 534		$ 534
	36		2361.12500.36		Dental Concrete	70	m³	$ 200	$ 14,000	-	$ -		$ -	-	30	0.77				-	$ -		$ 14,000		$ 14,000
	37		2361.12500.37		Dry Pack	3	m³	$ 302	$ 907	-	$ -		$ -	-	30	0.77				-	$ -		$ 907		$ 907

				HIDE	HIDE		Original Contract				Previous Cumulative 25-Nov-14		Period Dec-14		Cumulative to Date 25-Dec-14							Forecast to Complete		Forecast at Completion	
Pay Item	Bid Item	Cost Code	WBS.Nalcor.Bid Item	Monthly Summary Lookup	Description	Quantity	UoM	Unit Cost	Amount	Quantity	$ Amount	Quantity	$ Amount	Quantity	Accrual Days	Accrual Factor	Delta previous two months	Weekly Average $$	Over-ride	$$ Accrual	$ Amount	Quantity	$ Amount	Quantity	$ Amount
0124		2361.13360		Dams	M&E-North Transition Dam - Drilling, Pressure Grouting and Drainage				$ 117,484	-	$ -		$ -	-	30	0.77				-	$ -		$ 117,484		$ 117,484
	38		2361.13360.38		Grouting Holes	200	m	$ 167	$ 33,409	-	$ -		$ -	-	30	0.77				-	$ -		$ 33,409		$ 33,409
	39		2361.13360.39		Grouting - Successful Connections	40	each	$ 632	$ 25,265	-	$ -		$ -	-	30	0.77				-	$ -		$ 25,265		$ 25,265
	40		2361.13360.40		Dry Cement for Grouting	7,000	kg	$ 3	$ 19,407	-	$ -		$ -	-	30	0.77				-	$ -		$ 19,407		$ 19,407
	41		2361.13360.41		Water Pressure Tests (Lugeon)	4	hour	$ 636	$ 2,544	-	$ -		$ -	-	30	0.77				-	$ -		$ 2,544		$ 2,544
	42		2361.13360.42		Water Pressure Tests - Successful Connections	10	each	$ 189	$ 1,894	-	$ -		$ -	-	30	0.77				-	$ -		$ 1,894		$ 1,894
	43		2361.13360.43		Uplift Gauges	25	m	$ 225	$ 5,618	-	$ -		$ -	-	30	0.77				-	$ -		$ 5,618		$ 5,618
	44		2361.13360.44		Thermistors	1	each	$ 4,869	$ 4,869	-	$ -		$ -	-	30	0.77				-	$ -		$ 4,869		$ 4,869
	45		2361.13360.45		Rotary/Percussion Drill Check Holes	25	m	$ 146	$ 3,651	-	$ -		$ -	-	30	0.77				-	$ -		$ 3,651		$ 3,651
	46		2361.13360.46		Cored (Diamond drill) holes	25	m	$ 452	$ 11,302	-	$ -		$ -	-	30	0.77				-	$ -		$ 11,302		$ 11,302
	47		2361.13360.47		Drainage Holes	65	m	$ 125	$ 8,137	-	$ -		$ -	-	30	0.77				-	$ -		$ 8,137		$ 8,137
	48		2361.13360.48		PVC Caps for Drainage Holes	5	each	$ 193	$ 963	-	$ -		$ -	-	30	0.77				-	$ -		$ 963		$ 963
	49		2361.13360.49		Survey Monuments	1	each	$ 425	$ 425	-	$ -		$ -	-	30	0.77				-	$ -		$ 425		$ 425
0125		2361.25000		Dams	M&E-North Transition Dam - Concrete, Metal Embedds & ABs				$ 2,087,868	-	$ -		$ -	-	30	0.77				-	$ -		$ 2,087,868		$ 2,087,868
	50		2361.25000.50		Concrete	9,130	m³	$ 227	$ 2,068,197	-	$ -		$ -		30	0.77					$ -		$ 2,068,197		$ 2,068,197
	50A		2361.25000.50A		PVC Waterstop - TYPE A (150 mm width)	30	m	$ 12	$ 358	-	$ -		$ -		30	0.77					$ -		$ 358		$ 358
	51		2361.25000.51		PVC Waterstop - TYPE B (225 mm width)	315	m	$ 19	$ 6,090	-	$ -		$ -		30	0.77					$ -		$ 6,090		$ 6,090
	52		2361.25000.52		Hydrophilic Waterstop	22	m	$ 23	$ 509	-	$ -		$ -		30	0.77					$ -		$ 509		$ 509
	53		2361.25000.53		Bituminous Coating at Contraction Joints	570	m²	$ 16	$ 9,029	-	$ -		$ -		30	0.77					$ -		$ 9,029		$ 9,029
	57		2361.25000.57		Embedded Miscellaneous Steel (Frames, L Shapes, Sleeves, etc..)	190	kg	$ 10	$ 1,915	-	$ -		$ -		30	0.77					$ -		$ 1,915		$ 1,915
	58		2361.25000.58		Anchor Bolts Grade 55 ASTM F1554	535	kg	$ 3	$ 1,772	-	$ -		$ -		30	0.77					$ -		$ 1,772		$ 1,772
0126		2361.28300		Dams	M&E-North Transition Dam - Rebar				$ 85,333	-	$ -		$ -		30	0.77					$ -		$ 85,333		$ 85,333
	54		2361.28300.54		Reinforcement including Dowels	55,000	kg	$ 2	$ 85,333	-	$ -		$ -		30	0.77					$ -		$ 85,333		$ 85,333
0127		2361.33000		Dams	M&E-North Transition Dam - Misc Steel				$ 159,085	-	$ -		$ -		30	0.77					$ -		$ 159,085		$ 159,085
	55		2361.33000.55		Galvanized Miscellaneous Steel	10,600	kg	$ 10	$ 101,590	-	$ -		$ -		30	0.77					$ -		$ 101,590		$ 101,590
	56		2361.33000.56		Galvanized Grating	5,100	kg	$ 11	$ 57,495	-	$ -		$ -		30	0.77					$ -		$ 57,495		$ 57,495
0128		2361.78100		Dams	M&E-North Transition Dam - Conduit				$ 10,031	-	$ -		$ -		30	0.77					$ -		$ 10,031		$ 10,031
	61B		2361.78100.61B		Rigid PVC Conduit, size 129mm	75	m	$ 134	$ 10,031	-	$ -		$ -		30	0.77					$ -		$ 10,031		$ 10,031
0129		2361.78910		Dams	M&E-North Transition Dam - Grounding				$ 19,883	-	$ -		$ -		30	0.77					$ -		$ 19,883		$ 19,883
	59		2361.78910.59		Exothermic Connections.	30	each	$ 157	$ 4,702	-	$ -		$ -		30	0.77					$ -		$ 4,702		$ 4,702
	59A		2361.78910.59A		Mechanical Connections	4	each	$ 226	$ 906	-	$ -		$ -		30	0.77					$ -		$ 906		$ 906
	60		2361.78910.60		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 500 kcmil	200	m	$ 65	$ 12,900	-	$ -		$ -		30	0.77					$ -		$ 12,900		$ 12,900
	61		2361.78910.61		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 4/0 AWG	30	m	$ 30	$ 890	-	$ -		$ -		30	0.77					$ -		$ 890		$ 890
	61A		2361.78910.61A		Embedded Copper Grounding Plates	1	each	$ 486	$ 486	-	$ -		$ -		30	0.77					$ -		$ 486		$ 486
0130		2362.12500		Dams	M&E-Centre Transition Dam - Foundation Preparation				$ 82,744	-	$ 6,410		$ -		30	0.77					$ 6,410		$ 76,334		$ 82,744
	62		2362.12500.62		Fill Excavation (Sand Layer for Winter Protection)	2,100	m³	$ 16	$ 34,143	285.00	$ 4,634		$ -		30	0.77					$ 4,634		$ 29,509		$ 34,143
	63		2362.12500.63		Dental Excavation	80	m³	$ 11	$ 864	-	$ -		$ -		30	0.77					$ -		$ 864		$ 864
	64		2362.12500.64		Scaling and Water/Air Jet Cleaning of Bedrock	1,430	m²	$ 1	$ 1,775	1,431.04	$ 1,776		$ -		30	0.77					$ 1,776		$ (1)		$ 1,775
	65		2362.12500.65		Dental Concrete	215	m³	$ 200	$ 42,999	-	$ -		$ -		30	0.77					$ -		$ 42,999		$ 42,999
	66		2362.12500.66		Dry Pack	10	m³	$ 296	$ 2,964	-	$ -		$ -		30	0.77					$ -		$ 2,964		$ 2,964
0131		2362.13360		Dams	M&E-Centre Transition Dam - Drilling, Pressure Grouting and Drainage				$ 314,379	-	$ -		$ -		30	0.77					$ -		$ 314,379		$ 314,379
	67		2362.13360.67		Grouting Holes	600	m	$ 167	$ 100,227	-	$ -		$ -		30	0.77					$ -		$ 100,227		$ 100,227
	68		2362.13360.68		Grouting - Successful Connections	120	each	$ 632	$ 75,796	-	$ -		$ -		30	0.77					$ -		$ 75,796		$ 75,796
	69		2362.13360.69		Dry Cement for Grouting	20,000	kg	$ 3	$ 55,447	-	$ -		$ -		30	0.77					$ -		$ 55,447		$ 55,447
	70		2362.13360.70		Water Pressure Tests (Lugeon)	4	hour	$ 636	$ 2,544	-	$ -		$ -		30	0.77					$ -		$ 2,544		$ 2,544
	71		2362.13360.71		Water Pressure Tests - Successful Connections	10	each	$ 189	$ 1,894	-	$ -		$ -		30	0.77					$ -		$ 1,894		$ 1,894
	72		2362.13360.72		Uplift Gauges	30	m	$ 225	$ 6,741	-	$ -		$ -		30	0.77					$ -		$ 6,741		$ 6,741
	73		2362.13360.73		Thermistors	1	each	$ 4,869	$ 4,869	-	$ -		$ -		30	0.77					$ -		$ 4,869		$ 4,869
	74		2362.13360.74		Rotary/Percussion Drill Check Holes	25	m	$ 146	$ 3,651	-	$ -		$ -		30	0.77					$ -		$ 3,651		$ 3,651
	75		2362.13360.75		Cored (Diamond drill) holes	25	m	$ 452	$ 11,302	-	$ -		$ -		30	0.77					$ -		$ 11,302		$ 11,302
	76		2362.13360.76		Drainage Holes	200	m	$ 125	$ 25,038	-	$ -		$ -		30	0.77					$ -		$ 25,038		$ 25,038
	77		2362.13360.77		PVC Caps for Drainage Holes	20	each	$ 193	$ 3,852	-	$ -		$ -		30	0.77					$ -		$ 3,852		$ 3,852
	78		2362.13360.78		Survey Monuments	5	each	$ 425	$ 2,124	-	$ -		$ -		30	0.77					$ -		$ 2,124		$ 2,124
	79		2362.13360.79		Hydraulic piezometers	3	each	$ 6,964	$ 20,893	-	$ -		$ -		30	0.77					$ -		$ 20,893		$ 20,893
0132		2362.25000		Dams	M&E-Centre Transition Dam - Concrete, Metal Embedds & ABs				$ 6,945,695	-	$ 742,495		$ 260,482	1,161	30	0.77					$ 1,002,977		$ 5,942,718		$ 6,945,695
	81		2362.25000.81		Concrete Below El. 42.00 m	26,900	m³	$ 224	$ 6,035,248	3,273.08	$ 734,343		$ 260,482	1,161	30	0.77				260,482	$ 994,825		$ 5,040,423		$ 6,035,248
	82		2362.25000.82		Concrete Above El. 42.00 m	2,550	m³	$ 238	$ 607,850	-	$ -		$ -	-	30	0.77				-	$ -		$ 607,850		$ 607,850
	83		2362.25000.83		Concrete - Slab on Steel Deck	150	m³	$ 212	$ 31,804	-	$ -		$ -	-	30	0.77				-	$ -		$ 31,804		$ 31,804
	84		2362.25000.84		Grout	17	m³	$ 1,323	$ 22,487	-	$ -		$ -	-	30	0.77				-	$ -		$ 22,487		$ 22,487
	84A		2362.25000.84A		PVC Waterstop - TYPE A (150 mm width)	135	m	$ 12	$ 1,610	56.40	$ 673		$ -	-	30	0.77				-	$ 673		$ 938		$ 1,610
	85		2362.25000.85		PVC Waterstop - TYPE B (225 mm width)	629	m	$ 19	$ 12,160	113.88	$ 2,202		$ -		30	0.77				-	$ 2,202		$ 9,959		$ 12,160
	86		2362.25000.86		Bituminous Coating at Contraction Joint	3,060	m²	$ 16	$ 48,471	241.85	$ 3,831		$ -		30	0.77				-	$ 3,831		$ 44,640		$ 48,471
	91		2362.25000.91		Embedded Miscellaneous Steel (Frames, L Shapes, Sleeves, etc..)	16,870	kg	$ 10	$ 170,003	143.54	$ 1,446		$ -		30	0.77				-	$ 1,446		$ 168,557		$ 170,003
	95		2362.25000.95		Anchor Bolts Grade 55 ASTM F1554	4,850	kg	$ 3	$ 16,062	-	$ -		$ -		30	0.77				-	$ -		$ 16,062		$ 16,062
0133		2362.28300		Dams	M&E-Centre Transition Dam - Rebar				$ 224,968	-	$ 18,631		$ -		30	0.77				-	$ 18,631		$ 206,337		$ 224,968
	87		2362.28300.87		Reinforcement including Dowels	145,000	kg	$ 2	$ 224,968	12,008.08	$ 18,631		$ -		30	0.77				-	$ 18,631		$ 206,337		$ 224,968
0134		2362.31000		Dams	M&E-Centre Transition Dam - Structural Steel				$ 55,783	-	$ -		$ -		30	0.77				-	$ -		$ 55,783		$ 55,783
	94		2362.31000.94		Rails for Trash Cleaning System	140	m	$ 385	$ 53,894	-	$ -		$ -		30	0.77				-	$ -		$ 53,894		$ 53,894
	96		2362.31000.96		Elastomeric Bearing Pads	21	each	$ 90	$ 1,889	-	$ -		$ -		30	0.77				-	$ -		$ 1,889		$ 1,889
0135		2362.33000		Dams	M&E-Centre Transition Dam - Misc Steel				$ 1,051,054	-	$ -		$ -		30	0.77				-	$ -		$ 1,051,054		$ 1,051,054
	80		2362.33000.80		V-Notch Weirs	1	each	$ 1,689	$ 1,689	-	$ -		$ -		30	0.77				-	$ -		$ 1,689		$ 1,689
	88		2362.33000.88		Painted Structural Steel	79,400	kg	$ 8	$ 600,143	-	$ -		$ -		30	0.77				-	$ -		$ 600,143		$ 600,143
	89		2362.33000.89		Galvanized Miscellaneous Steel	37,000	kg	$ 10	$ 354,608	-	$ -		$ -		30	0.77				-	$ -		$ 354,608		$ 354,608
	90		2362.33000.90		Galvanized Grating	1,745	kg	$ 11	$ 19,672	-	$ -		$ -		30	0.77				-	$ -		$ 19,672		$ 19,672
	92		2362.33000.92		Steel deck type RD 306 (t=0.91 mm)	400	m²	$ 184	$ 73,720	-	$ -		$ -		30	0.77				-	$ -		$ 73,720		$ 73,720
	93		2362.33000.93		Shear Studs	375	kg	$ 3	$ 1,221	-	$ -		$ -		30	0.77				-	$ -		$ 1,221		$ 1,221

				HIDE	HIDE		Original Contract				Previous Cumulative 25-Nov-14		Period Dec-14		Cumulative to Date 25-Dec-14								Forecast to Complete		Forecast at Completion	
Pay Item	Bid Item	Cost Code	WBS.Nalcor.Bid Item	Monthly Summary Lookup	Description	Quantity	UoM	Unit Cost	Amount	Quantity	$ Amount	Quantity	$ Amount	Quantity	Accrual Days	Accrual Factor	Delta previous two months	Weekly Average $$	Over-ride	$$ Accrual	$ Amount	Quantity	$ Amount	Quantity	$ Amount
0136		2362.78100		Dams	M&E-Centre Transition Dam - Conduit				$ 15,060	-	$ -		$ -		30	0.77				-	$ -		$ 15,060		$ 15,060
	101A		2362.78100.101A		Rigid PVC Conduit, size 53mm	3	m	$ 116	$ 347	-	$ -		$ -		30	0.77				-	$ -		$ 347		$ 347
	103		2362.78100.103		Rigid PVC Conduit, size 129mm	110	m	$ 134	$ 14,713	-	$ -		$ -		30	0.77				-	$ -		$ 14,713		$ 14,713
0137		2362.78910		Dams	M&E-Centre Transition Dam - Grounding				$ 65,685	-	$ 5,140		$ -		30	0.77				-	$ 5,140		$ 60,545		$ 65,685
	97		2362.78910.97		Exothermic Connections.	140	each	$ 157	$ 21,943	-	$ -		$ -		30	0.77				-	$ -		$ 21,943		$ 21,943
	97A		2362.78910.97A		Mechanical Connections	17	each	$ 226	$ 3,850	-	$ -		$ -		30	0.77				-	$ -		$ 3,850		$ 3,850
	98		2362.78910.98		Embedded Copper Grounding Plates	2	each	$ 486	$ 971	2.00	$ 971		$ -		30	0.77				-	$ 971		$ 0		$ 971
	99		2362.78910.99		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 500 kcmil	500	m	$ 65	$ 32,249	58.29	$ 3,760		$ -		30	0.77				-	$ 3,760		$ 28,490		$ 32,249
	100		2362.78910.100		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 4/0 AWG	225	m	$ 30	$ 6,672	13.80	$ 409		$ -		30	0.77				-	$ 409		$ 6,262		$ 6,672
0138		2363.12500		Dams	M&E-South Transition Dam - Foundation Preparation				$ 52,330	-	$ 13,925		$ -		30	0.77				-	$ 13,925		$ 38,405		$ 52,330
	105		2363.12500.105		Fill Excavation (Sand Layer for Winter Protection)	1,350	m³	$ 16	$ 21,949	800.19	$ 13,010		$ -		30	0.77				-	$ 13,010		$ 8,939		$ 21,949
	106		2363.12500.106		Dental Excavation	45	m³	$ 11	$ 486	-	$ -		$ -		30	0.77				-	$ -		$ 486		$ 486
	107		2363.12500.107		Scaling and Water/Air Jet Cleaning of Bedrock	900	m²	$ 1	$ 1,117	737.09	$ 915		$ -		30	0.77				-	$ 915		$ 202		$ 1,117
	108		2363.12500.108		Dental Concrete	135	m³	$ 200	$ 26,999	-	$ -		$ -		30	0.77				-	$ -		$ 26,999		$ 26,999
	109		2363.12500.109		Dry Pack	6	m³	$ 296	$ 1,778	-	$ -		$ -		30	0.77				-	$ -		$ 1,778		$ 1,778
0139		2363.13360		Dams	M&E-South Transition Dam - Drilling, Pressure Grouting and Drainage				$ 278,280	-	$ -		$ -		30	0.77				-	$ -		$ 278,280		$ 278,280
	110		2363.13360.110		Grouting Holes	500	m	$ 167	$ 83,523	-	$ -		$ -		30	0.77				-	$ -		$ 83,523		$ 83,523
	111		2363.13360.111		Grouting - Successful Connections	100	each	$ 632	$ 63,163	-	$ -		$ -		30	0.77				-	$ -		$ 63,163		$ 63,163
	112		2363.13360.112		Dry Cement for Grouting	18,000	kg	$ 3	$ 49,903	-	$ -		$ -		30	0.77				-	$ -		$ 49,903		$ 49,903
	113		2363.13360.113		Water Pressure Tests (Lugeon)	5	hour	$ 636	$ 3,181	-	$ -		$ -		30	0.77				-	$ -		$ 3,181		$ 3,181
	114		2363.13360.114		Water Pressure Tests - Successful Connections	12	each	$ 189	$ 2,273	-	$ -		$ -		30	0.77				-	$ -		$ 2,273		$ 2,273
	115		2363.13360.115		Uplift Gauges	30	m	$ 225	$ 6,741	-	$ -		$ -		30	0.77				-	$ -		$ 6,741		$ 6,741
	116		2363.13360.116		Thermistors	1	each	$ 4,869	$ 4,869	-	$ -		$ -		30	0.77				-	$ -		$ 4,869		$ 4,869
	117		2363.13360.117		Rotary/Percussion Drill Check Holes	30	m	$ 146	$ 4,382	-	$ -		$ -		30	0.77				-	$ -		$ 4,382		$ 4,382
	118		2363.13360.118		Cored (Diamond drill) holes	30	m	$ 452	$ 13,562	-	$ -		$ -		30	0.77				-	$ -		$ 13,562		$ 13,562
	119		2363.13360.119		Drainage Holes	225	m	$ 125	$ 28,168	-	$ -		$ -		30	0.77				-	$ -		$ 28,168		$ 28,168
	120		2363.13360.120		PVC Caps for Drainage Holes	15	each	$ 193	$ 2,889	-	$ -		$ -		30	0.77				-	$ -		$ 2,889		$ 2,889
	121		2363.13360.121		Survey Monuments	4	each	$ 425	$ 1,699	-	$ -		$ -		30	0.77				-	$ -		$ 1,699		$ 1,699
	122		2363.13360.122		Hydraulic piezometers	2	each	$ 6,964	$ 13,929	-	$ -		$ -		30	0.77				-	$ -		$ 13,929		$ 13,929
0140		2363.25000		Dams	M&E-South Transition Dam - Concrete, Metal Embedds & ABs				$ 2,167,357	-	$ 31,690		$ -	-	30	0.77				-	$ 31,690		$ 2,135,666		$ 2,167,357
	124		2363.25000.124		Concrete	9,700	m³	$ 222	$ 2,150,975	138.80	$ 30,779		$ -		30	0.77				-	$ 30,779		$ 2,120,196		$ 2,150,975
	124A		2363.25000.124A		PVC Waterstop - TYPE A (150 mm width)	130	m	$ 12	$ 1,551	13.95	$ 166		$ -		30	0.77				-	$ 166		$ 1,384		$ 1,551
	125		2363.25000.125		PVC Waterstop - TYPE B (225 mm width)	170	m	$ 19	$ 3,287	38.54	$ 745		$ -		30	0.77				-	$ 745		$ 2,541		$ 3,287
	127		2363.25000.127		Bituminous Coating at Contraction Joints	380	m²	$ 16	$ 6,019	-	$ -		$ -		30	0.77				-	$ -		$ 6,019		$ 6,019
	131		2363.25000.131		Embedded Miscellaneous Steel (Frames, L Shapes, Sleeves, etc..)	110	kg	$ 10	$ 1,054	-	$ -		$ -		30	0.77				-	$ -		$ 1,054		$ 1,054
	132		2363.25000.132		Anchor Bolts Grade 55 ASTM F1554	1,350	kg	$ 3	$ 4,471	-	$ -		$ -		30	0.77				-	$ -		$ 4,471		$ 4,471
0141		2363.28300		Dams	M&E-South Transition Dam - Rebar				$ 421,352	-	$ 10,596		$ -		30	0.77				-	$ 10,596		$ 410,756		$ 421,352
	128		2363.28300.128		Reinforcement including Dowels	283,300	kg	$ 1	$ 421,352	7,124.36	$ 10,596		$ -		30	0.77				-	$ 10,596		$ 410,756		$ 421,352
0142		2363.33000		Dams	M&E-South Transition Dam - Misc Steel				$ 146,605	-	$ -		$ -		30	0.77				-	$ -		$ 146,605		$ 146,605
	123		2363.33000.123		V-Notch Weirs	1	each	$ 1,689	$ 1,689	-	$ -		$ -		30	0.77				-	$ -		$ 1,689		$ 1,689
	129		2363.33000.129		Galvanized Miscellaneous Steel	14,850	kg	$ 10	$ 142,322	-	$ -		$ -		30	0.77				-	$ -		$ 142,322		$ 142,322
	130		2363.33000.130		Galvanized Grating	230	kg	$ 11	$ 2,593	-	$ -		$ -		30	0.77				-	$ -		$ 2,593		$ 2,593
0143		2363.78100		Dams	M&E-South Transition Dam - Conduit				$ 579	-	$ -		$ -		30	0.77				-	$ -		$ 579		$ 579
	137		2363.78100.137		Rigid PVC Conduit, size 53mm	5	m	$ 116	$ 579	-	$ -		$ -		30	0.77				-	$ -		$ 579		$ 579
0144		2363.78910		Dams	M&E-South Transition Dam - Grounding				$ 43,160	-	$ -		$ -		30	0.77				-	$ -		$ 43,160		$ 43,160
	133		2363.78910.133		Exothermic Connections.	100	each	$ 157	$ 15,674	-	$ -		$ -		30	0.77				-	$ -		$ 15,674		$ 15,674
	133A		2363.78910.133A		Mechanical Connections	12	each	$ 226	$ 2,717	-	$ -		$ -		30	0.77				-	$ -		$ 2,717		$ 2,717
	134		2363.78910.134		Embedded Copper Grounding Plates	2	each	$ 486	$ 971	-	$ -		$ -		30	0.77				-	$ -		$ 971		$ 971
	135		2363.78910.135		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 500 kcmil	300	m	$ 65	$ 19,350	-	$ -		$ -		30	0.77				-	$ -		$ 19,350		$ 19,350
	136		2363.78910.136		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 4/0 AWG	150	m	$ 30	$ 4,448	-	$ -		$ -		30	0.77				-	$ -		$ 4,448		$ 4,448
0145		2364.12500		Dams	M&E-Separation Wall - Foundation Preparation				$ 29,434	-	$ 2,285		$ -		30	0.77				-	$ 2,285		$ 27,149		$ 29,434
	138		2364.12500.138		Dental Excavation	50	m³	$ 11	$ 540	-	$ -		$ -		30	0.77				-	$ -		$ 540		$ 540
	139		2364.12500.139		Scaling and Water/Air Jet Cleaning of Bedrock	900	m2	$ 1	$ 1,117	1,841.19	$ 2,285		$ -		30	0.77				-	$ 2,285		$ (1,168)		$ 1,117
	140		2364.12500.140		Dental Concrete	130	m³	$ 200	$ 25,999	-	$ -		$ -		30	0.77				-	$ -		$ 25,999		$ 25,999
	141		2364.12500.141		Dry Pack	6	m³	$ 296	$ 1,778	-	$ -		$ -		30	0.77				-	$ -		$ 1,778		$ 1,778
0146		2364.25000		Dams	M&E-Separation Wall - Concrete, Metal Embedds & ABs				$ 2,790,076	-	$ 347,843		$ 13,303	52	30	0.77				-	$ 361,146		$ 2,428,930		$ 2,790,076
	142		2364.25000.142		Concrete - Separation Wall	10,850	m³	$ 256	$ 2,775,739	1,357.60	$ 347,313		$ 13,303	52	30	0.77				13,303	$ 360,616		$ 2,415,123		$ 2,775,739
	143		2364.25000.143		PVC Waterstop - TYPE B (225 mm width)	60	m	$ 19	$ 1,160	27.42	$ 530		$ -		30	0.77				-	$ 530		$ 630		$ 1,160
	144		2364.25000.144		Hydrophilic Waterstop	15	m	$ 23	$ 347	-	$ -		$ -		30	0.77				-	$ -		$ 347		$ 347
	145		2364.25000.145		Bituminous Coating at Contraction Joint	810	m²	$ 16	$ 12,831	-	$ -		$ -		30	0.77				-	$ -		$ 12,831		$ 12,831
0147		2410.12500		Spillway	M&E-Spillway Structure - Foundation Preparation				$ 129,896	-	$ 6,330		$ -		30	0.77				-	$ 6,330		$ 123,566		$ 129,896
	146		2410.12500.146		Fill Excavation (Sand Layer for Winter Protection)	7,600	m³	$ 16	$ 123,566	-	$ -		$ -		30	0.77				-	$ -		$ 123,566		$ 123,566
	157		2410.12500.157		Scaling and Water/Air Jet Cleaning of rock foundation	5,100	m²	$ 1	$ 6,330	5,100.00	$ 6,330		$ -		30	0.77				-	$ 6,330		$ -		$ 6,330
0148		2410.13360		Spillway	M&E-Spillway Structure - Drilling, Pressure Grouting and Drainage				$ 323,637	-	$ 35,913		$ -		30	0.77				-	$ 35,913		$ 287,724		$ 323,637
	147		2410.13360.147		Grouting Holes	650	m	$ 167	$ 108,579	-	$ -		$ -		30	0.77				-	$ -		$ 108,579		$ 108,579
	148		2410.13360.148		Grouting - Successful Connections	130	each	$ 632	$ 82,112	-	$ -		$ -		30	0.77				-	$ -		$ 82,112		$ 82,112
	149		2410.13360.149		Dry Cement for Grouting	23,000	kg	$ 3	$ 63,765	-	$ -		$ -		30	0.77				-	$ -		$ 63,765		$ 63,765
	150		2410.13360.150		Water Pressure Tests (Lugeon)	4	hour	$ 636	$ 2,544	-	$ -		$ -		30	0.77				-	$ -		$ 2,544		$ 2,544
	151		2410.13360.151		Water Pressure Tests - Successful Connections	10	each	$ 189	$ 1,894	-	$ -		$ -		30	0.77				-	$ -		$ 1,894		$ 1,894
	152		2410.13360.152		Uplift Gauges	30	m	$ 225	$ 6,741	-	$ -		$ -		30	0.77				-	$ -		$ 6,741		$ 6,741
	153		2410.13360.153		Thermistors	1	each	$ 4,869	$ 4,869	-	$ -		$ -		30	0.77				-	$ -		$ 4,869		$ 4,869
	154		2410.13360.154		Rotary/Percussion Drill Check Holes	25	m	$ 146	$ 3,651	-	$ -		$ -		30	0.77				-	$ -		$ 3,651		$ 3,651
	155		2410.13360.155		Cored (Diamond drill) holes	25.00	m	$ 452	$ 11,302	-	$ -		$ -		30	0.77				-	$ -		$ 11,302		$ 11,302
	156		2410.13360.156		Survey Monuments	6	each	$ 425	$ 2,549	-	$ -		$ -		30	0.77				-	$ -		$ 2,549		$ 2,549
	168		2410.13360.168		Drill Holes and Grouting for Rock Dowels	1,200	m	$ 30	$ 35,631	1,209.50	$ 35,913		$ -		30	0.77				-	$ 35,913		$ (282)		$ 35,631

				HIDE	HIDE		Original Contract				Previous Cumulative 25-Nov-14		Period Dec-14		Cumulative to Date 25-Dec-14							Forecast to Complete		Forecast at Completion	
Pay Item	Bid Item	Cost Code	WBS.Nalcor.Bid Item	Monthly Summary Lookup	Description	Quantity	UoM	Unit Cost	Amount	Quantity	$ Amount	Quantity	$ Amount	Quantity	Accrual Days	Accrual Factor	Delta previous two months	Weekly Average $$	Over-ride	$$ Accrual	$ Amount	Quantity	$ Amount	Quantity	$ Amount
0149		2410.25000		Spillway	M&E-Spillway Structure - Concrete, Metal Embedds & ABs				$ 16,697,720	-	$ 5,063,838		$ 848,101	2,417	30	0.77				-	$ 5,911,939		$ 10,785,781		$ 16,697,720
	158		2410.25000.158		Concrete - Slabs	13,100	m³	$ 239	$ 3,126,099	13,091.28	$ 3,124,017		$ -		30	0.77				-	$ 3,124,017		$ 2,082		$ 3,126,099
	159		2410.25000.159		Concrete - Piers and Walls	32,900	m³	$ 351	$ 11,544,155	3,884.63	$ 1,363,064		$ 848,101	2,417	30	0.77				848,101	$ 2,211,165		$ 9,332,990		$ 11,544,155
	162		2410.25000.162		Overbreak Concrete	3,000	m³	$ 238	$ 713,885	1,836.89	$ 437,110		$ -		30	0.77				-	$ 437,110		$ 276,774		$ 713,885
	163		2410.25000.163		Grout	20	m³	$ 1,323	$ 26,455	-	$ -		$ -		30	0.77				-	$ -		$ 26,455		$ 26,455
	164		2410.25000.164		PVC Waterstop - TYPE A (150 mm width)	4,100	m	$ 12	$ 48,906	872.10	$ 10,403		$ -		30	0.77				-	$ 10,403		$ 38,504		$ 48,906
	164A		2410.25000.164A		PVC Waterstop - TYPE B (225 mm width)	1,000	m	$ 19	$ 19,333	558.11	$ 10,790		$ -		30	0.77				-	$ 10,790		$ 8,543		$ 19,333
	164B		2410.25000.164B		PVC Waterstop - TYPE D	550	m	$ 44	$ 24,021	-	$ -		$ -		30	0.77				-	$ -		$ 24,021		$ 24,021
	166		2410.25000.166		Bituminous Coating at Contraction Joint	950	m²	$ 16	$ 15,048	971.40	$ 15,387		$ -		30	0.77				-	$ 15,387		$ (339)		$ 15,048
	172		2410.25000.172		Embedded Galvanized Miscellaneous Steel (Frames, L Shapes, Sleeves, etc..)	430	kg	$ 10	$ 4,121	-	$ -		$ -		30	0.77				-	$ -		$ 4,121		$ 4,121
	173		2410.25000.173		Bulkhead Formwork - Rollway Joints	13,500	kg	$ 10	$ 137,040	-	$ -		$ -		30	0.77				-	$ -		$ 137,040		$ 137,040
	175		2410.25000.175		Anchor Bolts Grade 55 ASTM F1554	2,520	kg	$ 3	$ 8,345	-	$ -		$ -		30	0.77				-	$ -		$ 8,345		$ 8,345
	176		2410.25000.176		Anchors, Templates and Angles in Primary Concrete for Gates and Rollways (5 Sets	91,135	kg	$ 5	$ 415,802	8,769.45	$ 40,010		$ -		30	0.77				-	$ 40,010		$ 375,791		$ 415,802
	177		2410.25000.177		Anchors, Templates and Angles in Primary Concrete for Upstream Temporary Stop	75,160	kg	$ 5	$ 342,916	7,870.00	$ 35,907		$ -		30	0.77				-	$ 35,907		$ 307,009		$ 342,916
	178		2410.25000.178		Anchors, Templates and Angles in Primary Concrete for Upstream Permanent Stop	42,492	kg	$ 5	$ 193,869	-	$ -		$ -		30	0.77				-	$ -		$ 193,869		$ 193,869
	179		2410.25000.179		Anchors, Templates and Angles in Primary Concrete for Downstream Stoplogs (5 S	15,497	kg	$ 5	$ 70,705	5,950.72	$ 27,150		$ -		30	0.77				-	$ 27,150		$ 43,555		$ 70,705
	180		2410.25000.180		Anchors and Templates in Primary Concrete for Hoist Towers (5 Sets)	430	kg	$ 5	$ 1,962	-	$ -		$ -		30	0.77				-	$ -		$ 1,962		$ 1,962
	181		2410.25000.181		Anchors and Templates in Primary Concrete for Walkways (5 Sets)	200	kg	$ 5	$ 913	-	$ -		$ -		30	0.77				-	$ -		$ 913		$ 913
	182		2410.25000.182		Liner Plates in sides of Piers	10	each	$ 415	$ 4,146	-	$ -		$ -		30	0.77				-	$ -		$ 4,146		$ 4,146
0150		2410.25100		Spillway	M&E-Spillway Structure - Rollway Concrete				***$ 4,846,147***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 4,846,147***		***$ 4,846,147***
	160		2410.25100.160		Concrete - Rollways	19,500	m³	$ 248	$ 4,843,851	-	$ -		$ -		30	0.77				-	$ -		$ 4,843,851		$ 4,843,851
	161		2410.25100.161		Demolition of Slab for Rollway Key	200	m³	$ 11	$ 2,296	-	$ -		$ -		30	0.77				-	$ -		$ 2,296		$ 2,296
0151		2410.28300		Spillway	M&E-Spillway Structure - Rebar				***$ 6,079,516***	-	***$ 2,889,288***		$ -		***30***	***0.77***				-	***$ 2,889,288***		***$ 3,190,228***		***$ 6,079,516***
	167		2410.28300.167		Reinforcement including Dowels	3,850,000	kg	$ 1	$ 5,726,105	1,854,083.15	$ 2,757,578		$ -		30	0.77				-	$ 2,757,578		$ 2,968,527		$ 5,726,105
	169		2410.28300.169		Threaded Rebars with Couplers	117,000	kg	$ 3	$ 353,411	43,603.94	$ 131,711		$ -		30	0.77				-	$ 131,711		$ 221,701		$ 353,411
0152		2410.31000		Spillway	M&E-Spillway Structure - Structural Steel				***$ 175,017***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 175,017***		***$ 175,017***
	170		2410.31000.170		Non Embedded Galvanized Miscellaneous Steel	10,900	kg	$ 11	$ 117,073	-	$ -		$ -		30	0.77				-	$ -		$ 117,073		$ 117,073
	174		2410.31000.174		Rails for Trash Cleaning System	150	m	$ 386	$ 57,944	-	$ -		$ -		30	0.77				-	$ -		$ 57,944		$ 57,944
0153		2410.78100		Spillway	M&E-Spillway Structure - Conduit				***$ 4,762***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 4,762***		***$ 4,762***
	186		2410.78100.186		Rigid galvanized Steel Conduit, size 53mm	50	m	$ 95	$ 4,762	-	$ -		$ -		30	0.77				-	$ -		$ 4,762		$ 4,762
0154		2410.78910		Spillway	M&E-Spillway Structure - Grounding				***$ 213,849***	-	***$ 89,870***		$ -		***30***	***0.77***				-	***$ 89,870***		***$ 123,980***		***$ 213,849***
	183		2410.78910.183		Exothermic Connections.	290	each	$ 157	$ 45,454	131.30	$ 20,580		$ -		30	0.77				-	$ 20,580		$ 24,874		$ 45,454
	183A		2410.78910.183A		Mechanical Connections	45	each	$ 226	$ 10,191	-	$ -		$ -		30	0.77				-	$ -		$ 10,191		$ 10,191
	184		2410.78910.184		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 500 kcmil	2,200	m	$ 65	$ 141,897	1,003.37	$ 64,716		$ -		30	0.77				-	$ 64,716		$ 77,181		$ 141,897
	185		2410.78910.185		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 4/0 AWG	550	m	$ 30	$ 16,309	154.24	$ 4,574		$ -		30	0.77				-	$ 4,574		$ 11,735		$ 16,309
0155		2411.25000		Spillway	M&E-Spillway Bridges - Concrete, Metal Embedds & ABs				***$ 284,492***	-	***$ -***	***$ 68,394***	***296***	***30***	***0.77***				-	***$ -***	***$ 68,394***		***$ 216,098***		***$ 284,492***
	187		2411.25000.187		Concrete - Slab on Bridge Deck	460	m³	$ 231	$ 106,287	-	$ -	$ 68,394	296	30	0.77				68,394	$ 68,394		$ 37,893		$ 106,287
	192		2411.25000.192		Embedded Galvanized Miscellaneous Steel (Frames, L Shapes, Sleeves, etc..)	12,850	kg	$ 10	$ 123,154	-	$ -		$ -		30	0.77				-	$ -		$ 123,154		$ 123,154
	192A		2411.25000.192A		Shear Studs	3,420	kg	$ 3	$ 11,132	-	$ -		$ -		30	0.77				-	$ -		$ 11,132		$ 11,132
	194		2411.25000.194		Bridge Expansion Joints	12	each	$ 72	$ 867	-	$ -		$ -		30	0.77				-	$ -		$ 867		$ 867
	195		2411.25000.195		Anchor Bolts Grade 55 ASTM F1554	13,000	kg	$ 3	$ 43,051	-	$ -		$ -		30	0.77				-	$ -		$ 43,051		$ 43,051
0156		2411.28300		Spillway	M&E-Spillway Bridges - Rebar				***$ 181,674***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 181,674***		***$ 181,674***
	188		2411.28300.188		Reinforcement including Dowels	122,150	kg	$ 1	$ 181,674	-	$ -		$ -		30	0.77				-	$ -		$ 181,674		$ 181,674
0157		2411.31000		Spillway	M&E-Spillway Bridges - Structural Steel				***$ 2,227,789***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 2,227,789***		***$ 2,227,789***
	189		2411.31000.189		Structural Steel - Painted/Galvanized Sections	263,500	kg	$ 6	$ 1,591,580	-	$ -		$ -		30	0.77				-	$ -		$ 1,591,580		$ 1,591,580
	190		2411.31000.190		Non Embedded Galvanized Miscellaneous Steel	58,500	kg	$ 11	$ 628,329	-	$ -		$ -		30	0.77				-	$ -		$ 628,329		$ 628,329
	193		2411.31000.193		Elastomeric Bearing Pads	110	each	$ 72	$ 7,880	-	$ -		$ -		30	0.77				-	$ -		$ 7,880		$ 7,880
0158		2430.12500		Spillway Ro	M&E-Spillway Discharge Channel - Phase 1 - Foundation Preparation				***$ 3,575***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 3,575***		***$ 3,575***
	196		2430.12500.196		Scaling and Water/Air Jet Cleaning of rock foundation	2,880	m²	$ 1	$ 3,575	-	$ -		$ -		30	0.77				-	$ -		$ 3,575		$ 3,575
0159		2430.13360		Spillway Ro	M&E-Spillway Discharge Channel - Phase 1 - Drilling, Pressure Grouting and Drainage				***$ 108,378***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 108,378***		***$ 108,378***
	201		2430.13360.201		Drill Holes and Grouting for Rock Dowels	3,650	m	$ 30	$ 108,378	-	$ -		$ -		30	0.77				-	$ -		$ 108,378		$ 108,378
0160		2430.25000		Spillway Ro	M&E-Spillway Discharge Channel - Phase 1 - Concrete, Metal Embedds & ABs				***$ 1,119,853***	-	***$ 13,250***		$ -		***30***	***0.77***				-	***$ -***	***$ 13,250***		***$ 1,106,603***		***$ 1,119,853***
	197		2430.25000.197		Concrete - Slabs (CVC)	1,725	m³	$ 281	$ 485,405	-	$ -		$ -		30	0.77				-	$ -		$ 485,405		$ 485,405
	198		2430.25000.198		Concrete - Walls (CVC)	700	m³	$ 335	$ 234,446	-	$ -		$ -		30	0.77				-	$ -		$ 234,446		$ 234,446
	199		2430.25000.199		Overbreak Concrete	1,600	m³	$ 250	$ 400,002	53.00	$ 13,250		$ -		30	0.77				-	$ 13,250		$ 386,752		$ 400,002
0161		2430.28300		Spillway Ro	M&E-Spillway Discharge Channel - Phase 1 - Rebar				***$ 215,659***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 215,659***		***$ 215,659***
	200		2430.28300.200		Reinforcement including Dowels	145,000	kg	$ 1	$ 215,659	-	$ -		$ -		30	0.77				-	$ -		$ 215,659		$ 215,659
0162		2431.12500		Spillway Ro	M&E-Spillway Discharge Channel - Phase 2 - Optional - Foundation Preparation				***$ 1,787***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 1,787***		***$ 1,787***
	202		2431.12500.202		Scaling and Water/Air Jet Cleaning of rock foundation	1,440	m²	$ 1	$ 1,787	-	$ -		$ -		30	0.77				-	$ -		$ 1,787		$ 1,787
0163		2431.13360		Spillway Ro	M&E-Spillway Discharge Channel - Phase 2 - Optional - Drilling, Pressure Grouting and Drainage				***$ 56,416***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 56,416***		***$ 56,416***
	207		2431.13360.207		Drill Holes and Grouting for Rock Dowels	1,900	m	$ 30	$ 56,416	-	$ -		$ -		30	0.77				-	$ -		$ 56,416		$ 56,416
0164		2431.25000		Spillway Ro	M&E-Spillway Discharge Channel - Phase 2 - Optional - Concrete, Metal Embedds & ABs				***$ 481,091***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 481,091***		***$ 481,091***
	203		2431.25000.203		Concrete - Slabs (CVC)	750	m³	$ 239	$ 178,975	-	$ -		$ -		30	0.77				-	$ -		$ 178,975		$ 178,975
	204		2431.25000.204		Concrete - Walls (CVC)	300	m³	$ 452	$ 135,543	-	$ -		$ -		30	0.77				-	$ -		$ 135,543		$ 135,543
	205		2431.25000.205		Overbreak Concrete	700	m³	$ 238	$ 166,573	-	$ -		$ -		30	0.77				-	$ -		$ 166,573		$ 166,573
0165		2431.28300		Spillway Ro	M&E-Spillway Discharge Channel - Phase 2 - Optional - Rebar				***$ 133,857***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 133,857***		***$ 133,857***
	206		2431.28300.206		Reinforcement including Dowels	90,000	kg	$ 1	$ 133,857	-	$ -		$ -		30	0.77				-	$ -		$ 133,857		$ 133,857
0166		2432.12500		Spillway Ro	M&E-Spillway Discharge Channel - Phase 3 - Optional - Foundation Preparation				***$ 4,220***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 4,220***		***$ 4,220***
	208		2432.12500.208		Scaling and Water/Air Jet Cleaning of rock foundation	3,400	m²	$ 1	$ 4,220	-	$ -		$ -		30	0.77				-	$ -		$ 4,220		$ 4,220
0167		2432.13360		Spillway Ro	M&E-Spillway Discharge Channel - Phase 3 - Optional - Drilling, Pressure Grouting and Drainage				***$ 136,586***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 136,586***		***$ 136,586***
	213		2432.13360.213		Drill Holes and Grouting for Rock Dowels	4,600	m	$ 30	$ 136,586	-	$ -		$ -		30	0.77				-	$ -		$ 136,586		$ 136,586
0168		2432.25000		Spillway Ro	M&E-Spillway Discharge Channel - Phase 3 - Optional - Concrete, Metal Embedds & ABs				***$ 1,043,552***	-	***$ -***		$ -		***30***	***0.77***				-	***$ -***		***$ 1,043,552***		***$ 1,043,552***
	209		2432.25000.209		Concrete - Slabs (CVC)	2,000	m³	$ 239	$ 477,267	-	$ -		$ -		30	0.77				-	$ -		$ 477,267		$ 477,267
	210		2432.25000.210		Concrete - Walls (CVC)	200	m³	$ 452	$ 90,362	-	$ -		$ -		30	0.77				-	$ -		$ 90,362		$ 90,362
	211		2432.25000.211		Overbreak Concrete	2,000	m³	$ 238	$ 475,923	-	$ -		$ -		30	0.77				-	$ -		$ 475,923		$ 475,923

				HIDE	HIDE		Original Contract				Previous Cumulative 25-Nov-14		Period Dec-14		Cumulative to Date 25-Dec-14								Forecast to Complete		Forecast at Completion	
Pay Item	Bid Item	Cost Code	WBS.Nalcor.Bid Item	Monthly Summary Lookup	Description	Quantity	UoM	Unit Cost	Amount	Quantity	$ Amount	Quantity	$ Amount	Quantity	Accrual Days	Accrual Factor	Delta previous two months	Weekly Average $$	Over-ride	$$ Accrual	$ Amount	Quantity	$ Amount	Quantity	$ Amount
0169		2432.28300		Spillway Ro	M&E-Spillway Discharge Channel - Phase 3 - Optional - Rebar				***$ 237,968***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 237,968***		***$ 237,968***
	212		2432.28300.212		Reinforcement including Dowels	160,000	kg	$ 1	$ 237,968	-	$ -		$ -		30	0.77				-	$ -		$ 237,968		$ 237,968
0170		3220.12500		Intake	M&E-Intake Structure - Foundation Preparation				***$ 6,082***	-	***$ 4,982***		***$ -***		***30***	***0.77***				-	***$ 4,982***		***$ 1,100***		***$ 6,082***
	225		3220.12500.225		Scaling and Water/Air Jet Cleaning of rock foundation	4,900	m²	$ 1	$ 6,082	4,014.12	$ 4,982		$ -		30	0.77				-	$ 4,982		$ 1,100		$ 6,082
0171		3220.13360		Intake	M&E-Intake Structure - Drilling, Pressure Grouting and Drainage				**$ 942,684**	-	**$ -**		**$ -**		**30**	**0.77**				-	**$ -**		**$ 942,684**		**$ 942,684**
	214		3220.13360.214		Grouting Holes	2,000	m	$ 167	$ 334,090	-	$ -		$ -		30	0.77				-	$ -		$ 334,090		$ 334,090
	215		3220.13360.215		Grouting - Successful Connections	400	each	$ 632	$ 252,654	-	$ -		$ -		30	0.77				-	$ -		$ 252,654		$ 252,654
	216		3220.13360.216		Dry Cement for grouting	70,000	kg	$ 3	$ 194,066	-	$ -		$ -		30	0.77				-	$ -		$ 194,066		$ 194,066
	217		3220.13360.217		Water Pressure Tests (Lugeon)	8	hour	$ 636	$ 5,089	-	$ -		$ -		30	0.77				-	$ -		$ 5,089		$ 5,089
	218		3220.13360.218		Water Pressure Tests - Successful Connections	20	each	$ 189	$ 3,788	-	$ -		$ -		30	0.77				-	$ -		$ 3,788		$ 3,788
	219		3220.13360.219		Uplift Gauges	30	m	$ 225	$ 6,741	-	$ -		$ -		30	0.77				-	$ -		$ 6,741		$ 6,741
	220		3220.13360.220		Thermistors	1	each	$ 4,869	$ 4,869	-	$ -		$ -		30	0.77				-	$ -		$ 4,869		$ 4,869
	221		3220.13360.221		Rotary/Percussion Drill Check Holes	50	m	$ 146	$ 7,303	-	$ -		$ -		30	0.77				-	$ -		$ 7,303		$ 7,303
	222		3220.13360.222		Cored (Diamond drill) holes	50	m	$ 452	$ 22,604	-	$ -		$ -		30	0.77				-	$ -		$ 22,604		$ 22,604
	223		3220.13360.223		Drainage Holes	800	m	$ 125	$ 100,152	-	$ -		$ -		30	0.77				-	$ -		$ 100,152		$ 100,152
	224		3220.13360.224		PVC Caps for Drainage Holes	50	each	$ 193	$ 9,630	-	$ -		$ -		30	0.77				-	$ -		$ 9,630		$ 9,630
	226		3220.13360.226		Survey Monuments	4	each	$ 425	$ 1,699	-	$ -		$ -		30	0.77				-	$ -		$ 1,699		$ 1,699
0172		3220.25000		Intake	M&E-Intake Structure - Concrete, Metal Embedds & ABs				**$ 40,711,118**	-	**$ 517,422**		**$ 246,027**	**931**	**30**	**0.77**				-	**$ 763,449**		**$ 39,947,670**		**$ 40,711,118**
	228		3220.25000.228		Concrete - Substructure below El. 45.5 m	143,305	m³	$ 263	$ 37,670,754	1,537.62	$ 404,195		$ 239,475	911	30	0.77				239,475	$ 643,670		$ 37,027,085		$ 37,670,754
	229		3220.25000.229		Concrete - Gate Hoist Building and Elevator Room above El. 45.5 m	1,646	m³	$ 328	$ 539,243	-	$ -		$ 6,552	20	30	0.77				6,552	$ 6,552		$ 532,691		$ 539,243
	230		3220.25000.230		Overbreak Concrete	3,000	m³	$ 225	$ 674,264	490.01	$ 110,132		$ -		30	0.77				-	$ 110,132		$ 564,132		$ 674,264
	231		3220.25000.231		Grout	30	m³	$ 1,323	$ 39,682	-	$ -		$ -		30	0.77				-	$ -		$ 39,682		$ 39,682
	232		3220.25000.232		PVC Waterstop - TYPE A (150 mm width)	8,611	m	$ 12	$ 102,715	127.44	$ 1,520		$ -		30	0.77				-	$ 1,520		$ 101,195		$ 102,715
	233		3220.25000.233		PVC Waterstop - TYPE B (225 mm width)	876	m	$ 19	$ 16,936	81.49	$ 1,575		$ -		30	0.77				-	$ 1,575		$ 15,360		$ 16,936
	234		3220.25000.234		Sealing of Joints	100	m	$ 8	$ 794	-	$ -		$ -		30	0.77				-	$ -		$ 794		$ 794
	235		3220.25000.235		Bituminous Coating at Construction Joints	6,020	m²	$ 16	$ 95,358	-	$ -		$ -		30	0.77				-	$ -		$ 95,358		$ 95,358
	235A		3220.25000.235A		Elastomeric Polyurea Membrane	5,803	m²	$ 95	$ 550,918	-	$ -		$ -		30	0.77				-	$ -		$ 550,918		$ 550,918
	237		3220.25000.237		Anchors and Templates in Primary Concrete for Intake Gates (12 Sets)	173,672	kg	$ 3	$ 435,769	-	$ -		$ -		30	0.77				-	$ -		$ 435,769		$ 435,769
	238		3220.25000.238		Anchors and Templates in Primary Concrete for Intake Trashracks (12 Sets)	82,000	kg	$ 3	$ 205,750	-	$ -		$ -		30	0.77				-	$ -		$ 205,750		$ 205,750
	239		3220.25000.239		Anchors and Templates in Primary Concrete for Intake Stoplogs (12 Sets)	151,021	kg	$ 3	$ 378,934	-	$ -		$ -		30	0.77				-	$ -		$ 378,934		$ 378,934
0173		3220.28300		Intake	M&E-Intake Structure - Rebar				***$ 19,801,009***	-	***$ 209,719***		***$ -***		***30***	***0.77***				-	***$ 209,719***		***$ 19,591,290***		***$ 19,801,009***
	236		3220.28300.236		Reinforcement including Dowels	10,647,650	kg	$ 2	$ 19,801,009	112,772.86	$ 209,719		$ -		30	0.77				-	$ 209,719		$ 19,591,290		$ 19,801,009
0174		3220.33000		Intake	M&E-Intake Structure - Misc Steel				***$ 3,379***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 3,379***		***$ 3,379***
	227		3220.33000.227		V-Notch Weirs	2	each	$ 1,689	$ 3,379	-	$ -		$ -		30	0.77				-	$ -		$ 3,379		$ 3,379
0175		3290.78100		Intake	M&E-Intake - Electrical Work - Conduit				***$ 42,375***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 42,375***		***$ 42,375***
	243A		3290.78100.243A		Rigid PVC Conduit, size 35mm	9	m	$ 71	$ 639	-	$ -		$ -		30	0.77				-	$ -		$ 639		$ 639
	243B		3290.78100.243B		Rigid PVC Conduit, size 78mm	20	m	$ 81	$ 1,611	-	$ -		$ -		30	0.77				-	$ -		$ 1,611		$ 1,611
	243C		3290.78100.243C		Rigid PVC Conduit, size 129mm	300	m	$ 134	$ 40,125	-	$ -		$ -		30	0.77				-	$ -		$ 40,125		$ 40,125
0176		3290.78800		Intake	M&E-Intake - Electrical Work - Heat Tracing				***$ 67,077***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 67,077***		***$ 67,077***
	243D		3290.78800.243D		Heat Tracing Cable plus Accessories	224	m	$ 195	$ 43,654	-	$ -		$ -		30	0.77				-	$ -		$ 43,654		$ 43,654
	243E		3290.78800.243E		Heat Tracing Controllers	16	each	$ 1,464	$ 23,423	-	$ -		$ -		30	0.77				-	$ -		$ 23,423		$ 23,423
0177		3290.78910		Intake	M&E-Intake - Electrical Work - Grounding				***$ 312,293***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 312,293***		***$ 312,293***
	240		3290.78910.240		Exothermic Connections.	600	each	$ 157	$ 94,042	-	$ -		$ -		30	0.77				-	$ -		$ 94,042		$ 94,042
	240A		3290.78910.240A		Mechanical Connections	104	each	$ 226	$ 23,551	-	$ -		$ -		30	0.77				-	$ -		$ 23,551		$ 23,551
	241		3290.78910.241		Embedded Copper Grounding Plates	6	each	$ 486	$ 2,914	-	$ -		$ -		30	0.77				-	$ -		$ 2,914		$ 2,914
	242		3290.78910.242		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 500 kcmil	2,100	m	$ 65	$ 135,447	-	$ -		$ -		30	0.77				-	$ -		$ 135,447		$ 135,447
	243		3290.78910.243		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 4/0 AWG	1,900	m	$ 30	$ 56,339	-	$ -		$ -		30	0.77				-	$ -		$ 56,339		$ 56,339
0178		3310.12500		Powerhous	M&E-Powerhouse Substructure - Foundation Preparation				***$ 12,908***	-	***$ 1,901***		***$ -***		***30***	***0.77***				-	***$ 1,901***		***$ 11,007***		***$ 12,908***
	253		3310.12500.253		Scaling and Water/Air Jet Cleaning of rock foundation	10,400	m²	$ 1	$ 12,908	1,531.92	$ 1,901		$ -		30	0.77				-	$ 1,901		$ 11,007		$ 12,908
0179		3310.13360		Powerhous	M&E-Powerhouse Substructure - Drilling, Pressure Grouting and Drainage				**$ 365,956**	-	**$ -**		**$ -**		**30**	**0.77**				-	**$ -**		**$ 365,956**		**$ 365,956**
	244		3310.13360.244		Grouting Holes	800	m	$ 167	$ 133,636	-	$ -		$ -		30	0.77				-	$ -		$ 133,636		$ 133,636
	245		3310.13360.245		Grouting - Successful Connections	160	each	$ 632	$ 101,061	-	$ -		$ -		30	0.77				-	$ -		$ 101,061		$ 101,061
	246		3310.13360.246		Dry Cement for Grouting	28,000	kg	$ 3	$ 77,626	-	$ -		$ -		30	0.77				-	$ -		$ 77,626		$ 77,626
	247		3310.13360.247		Water Pressure Tests (Lugeon)	4	hour	$ 636	$ 2,544	-	$ -		$ -		30	0.77				-	$ -		$ 2,544		$ 2,544
	248		3310.13360.248		Water Pressure Tests - Successful Connections	10	each	$ 189	$ 1,894	-	$ -		$ -		30	0.77				-	$ -		$ 1,894		$ 1,894
	249		3310.13360.249		Uplift Gauges	25	m	$ 225	$ 5,618	-	$ -		$ -		30	0.77				-	$ -		$ 5,618		$ 5,618
	250		3310.13360.250		Thermistors	1	each	$ 4,869	$ 4,869	-	$ -		$ -		30	0.77				-	$ -		$ 4,869		$ 4,869
	251		3310.13360.251		Rotary/Percussion Drill Check Holes	25	m	$ 146	$ 3,651	-	$ -		$ -		30	0.77				-	$ -		$ 3,651		$ 3,651
	252		3310.13360.252		Cored (Diamond drill) holes	25	m	$ 452	$ 11,302	-	$ -		$ -		30	0.77				-	$ -		$ 11,302		$ 11,302
	275		3310.13360.275		Drill Holes and Grouting for Rock Dowels	700	m	$ 30	$ 20,785	-	$ -		$ -		30	0.77				-	$ -		$ 20,785		$ 20,785
	276		3310.13360.276		Drill Holes for Anchors Diam. 25 mm with Epoxy Adhesive HIT-RE-500	100	m	$ 30	$ 2,969	-	$ -		$ -		30	0.77				-	$ -		$ 2,969		$ 2,969
0180		3310.25000		Powerhous	M&E-Powerhouse Substructure - Concrete, Metal Embedds & ABs				**$ 48,214,104**	-	**$ 128,980**		**$ 99,407**	**284**	**30**	**0.77**				-	**$ 228,387**		**$ 47,985,717**		**$ 48,214,104**
	257		3310.25000.257		Concrete - Powerhouse Substructure below El. 6.5 m	131,135	m³	$ 272	$ 35,691,646	-	$ -		$ -		30	0.77				-	$ -		$ 35,691,646		$ 35,691,646
	258		3310.25000.258		Concrete - Substructure between lines 6 and 7, including Sump Pit, Shafts for Sta	14,882	m³	$ 354	$ 5,264,277	-	$ -		$ 58,012	164	30	0.77				58,012	$ 58,012		$ 5,206,265		$ 5,264,277
	259		3310.25000.259		Concrete - Slabs and Walls between El. 6.5 and 15.5, including North and South Sea	6,692	m³	$ 345	$ 2,308,497	-	$ -		$ 41,395	120	30	0.77				41,395	$ 41,395		$ 2,267,102		$ 2,308,497
	260		3310.25000.260		Concrete - Slab on Steel Deck including Mezzanines	3,718	m³	$ 241	$ 894,297	-	$ -		$ -		30	0.77				-	$ -		$ 894,297		$ 894,297
	261		3310.25000.261		Secondary Concrete of Draft Tube Cone Steel liner	2,420	m³	$ 404	$ 977,530	-	$ -		$ -		30	0.77				-	$ -		$ 977,530		$ 977,530
	262		3310.25000.262		Overbreak Concrete	8,500	m³	$ 240	$ 2,037,753	538.01	$ 128,980		$ -		30	0.77				-	$ 128,980		$ 1,908,773		$ 2,037,753
	263		3310.25000.263		Grout	15	m³	$ 1,323	$ 19,841	-	$ -		$ -		30	0.77				-	$ -		$ 19,841		$ 19,841
	264		3310.25000.264		PVC Waterstop - TYPE A (150 mm width)	9,746	m	$ 12	$ 116,254	-	$ -		$ -		30	0.77				-	$ -		$ 116,254		$ 116,254
	265		3310.25000.265		PVC Waterstop - TYPE B (225 mm width)	1,404	m	$ 19	$ 27,143	-	$ -		$ -		30	0.77				-	$ -		$ 27,143		$ 27,143
	265A		3310.25000.265A		PVC Waterstop - TYPE C (225 mm width)	25	m	$ 19	$ 483	-	$ -		$ -		30	0.77				-	$ -		$ 483		$ 483
	266		3310.25000.266		Metallic Waterstop	27	m	$ 36	$ 974	-	$ -		$ -		30	0.77				-	$ -		$ 974		$ 974
	267		3310.25000.267		Sealing of Joints	300	m	$ 8	$ 2,381	-	$ -		$ -		30	0.77				-	$ -		$ 2,381		$ 2,381
	268		3310.25000.268		Polyethylene Foam Rod	140	m	$ 8	$ 1,096	-	$ -		$ -		30	0.77				-	$ -		$ 1,096		$ 1,096
	269		3310.25000.269		Asphalt Impregnated Fibre Board	70	m²	$ 343	$ 24,029	-	$ -		$ -		30	0.77				-	$ -		$ 24,029		$ 24,029
	270		3310.25000.270		Bituminous Coating at Construction Joint	6,300	m²	$ 16	$ 99,794	-	$ -		$ -		30	0.77				-	$ -		$ 99,794		$ 99,794
	271		3310.25000.271		Soldrain 500 from Texel/Geosol	170	m²	$ 11	$ 1,799	-	$ -		$ -		30	0.77				-	$ -		$ 1,799		$ 1,799

				HIDE	HIDE		Original Contract				Previous Cumulative 25-Nov-14		Period Dec-14		Cumulative to Date 25-Dec-14							Forecast to Complete		Forecast at Completion	
Pay Item	Bid Item	Cost Code	WBS.Nalcor.Bid Item	Monthly Summary Lookup	Description	Quantity	UoM	Unit Cost	Amount	Quantity	$ Amount	Quantity	$ Amount	Quantity	Accrual Days	Accrual Factor	Delta previous two months	Weekly Average $$	Over-ride	$$ Accrual	$ Amount	Quantity	$ Amount	Quantity	$ Amount
	271A		3310.25000.271A		Elastomeric Polyurea Membrane	678	m²	$ 95	$ 64,367	-	$ -		$ -		30	0.77				-	$ -		$ 64,367		$ 64,367
	271B		3310.25000.271B		Polyflex 202 Membrane	2,400	m²	$ 118	$ 283,291	-	$ -		$ -		30	0.77				-	$ -		$ 283,291		$ 283,291
	278		3310.25000.278		Anchors, Templates and Angles in Primary Concrete for Draft Tube Stoplogs (8 Sets	55,370	kg	$ 3	$ 138,932	-	$ -		$ -		30	0.77				-	$ -		$ 138,932		$ 138,932
	279		3310.25000.279		Anchors and Embedded Parts in Primary Concrete for T/G Units	64,000	kg	$ 3	$ 160,586	-	$ -		$ -		30	0.77				-	$ -		$ 160,586		$ 160,586
	279A		3310.25000.279A		Installation of the lower portion of the circular passage for all 4 T/G Units - Optiona	59,200	kg	$ 2	$ 99,133	-	$ -		$ -		30	0.77				-	$ -		$ 99,133		$ 99,133
0181		3310.26000			Powerhous M&E-Powerhouse Substructure - Precast Concrete				***$ 4,132,629***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 4,132,629***		***$ 4,132,629***
	272		3310.26000.272		Prefabricated Concrete Longitudinal Sandwich Fire Walls (Refer to attached sketch	2,520	m²	$ 1,277	$ 3,218,108	-	$ -		$ -		30	0.77				-	$ -		$ 3,218,108		$ 3,218,108
	273		3310.26000.273		Prefabricated Transversal Concrete Fire Walls	860	m²	$ 1,063	$ 914,521	-	$ -		$ -		30	0.77				-	$ -		$ 914,521		$ 914,521
0182		3310.27500			Powerhous M&E-Powerhouse Substructure - Ductbank to SWYD c/w Elect MHs				***$ 256,153***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 256,153***		***$ 256,153***
	254		3310.27500.254		Excavation and Backfill	1	LS	$ 126,875	$ 126,875	-	$ -		$ -		30	0.77				-	$ -		$ 126,875		$ 126,875
	255		3310.27500.255		Ductbank	1	LS	$ 127,804	$ 127,804	-	$ -		$ -		30	0.77				-	$ -		$ 127,804		$ 127,804
	256		3310.27500.256		Manholes	3	each	$ 491	$ 1,473	-	$ -		$ -		30	0.77				-	$ -		$ 1,473		$ 1,473
0183		3310.28300			Powerhous M&E-Powerhouse Substructure - Rebar				***$ 20,306,124***	-	***$ 2,498***		***$ -***		***30***	***0.77***				-	***$ 2,498***		***$ 20,303,626***		***$ 20,306,124***
	274		3310.28300.274		Reinforcement including Dowels	10,918,631	kg	$ 2	$ 20,304,941	1,343.25	$ 2,498		$ -		30	0.77				-	$ 2,498		$ 20,302,443		$ 20,304,941
	277		3310.28300.277		Threaded Rebar (Dia. 35 mm) with Couplers	800	kg	$ 1	$ 1,183	-	$ -		$ -		30	0.77				-	$ -		$ 1,183		$ 1,183
0184		3320.25000			Powerhous M&E-Intake And Powerhouse Superstructure - Concrete, Metal Embedds & ABs				***$ 1,149,390***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 1,149,390***		***$ 1,149,390***
	314		3320.25000.314		Anchor Bolts Steel Grade 55 ASTM F1554 (Dia. 19 and 25 mm), U-Bolt assembly an	5,960	kg	$ 4	$ 20,981	-	$ -		$ -		30	0.77				-	$ -		$ 20,981		$ 20,981
	315		3320.25000.315		Anchor Bolts Steel Grade 55 ASTM F1554 (Dia. 28, 38 and 51 mm), Nuts A563, hot	22,800	kg	$ 4	$ 93,217	-	$ -		$ -		30	0.77				-	$ -		$ 93,217		$ 93,217
	323		3320.25000.323		Miscellaneous Structural Steel - Embedded	104,968	kg	$ 10	$ 1,020,838	-	$ -		$ -		30	0.77				-	$ -		$ 1,020,838		$ 1,020,838
	326		3320.25000.326		Embedded angles related to typical detail for stel deck on dwg : MFA-SN-CD-3320-	832	kg	$ 10	$ 8,316	-	$ -		$ -		30	0.77				-	$ -		$ 8,316		$ 8,316
	327		3320.25000.327		Contraction joint related to section E-E on the drawing : MFA-SN-CD-3300-CV-DD-(	40	m	$ 23	$ 904	-	$ -		$ -		30	0.77				-	$ -		$ 904		$ 904
	328		3320.25000.328		Contraction joint related to section F-F on the drawing: MFA-SN-CD-3300-CV-DD-(	50	m	$ 28	$ 1,392	-	$ -		$ -		30	0.77				-	$ -		$ 1,392		$ 1,392
	329		3320.25000.329		Contraction joint related to section K-K on the drawing: MFA-SN-CD-3300-CV-DD-(	122	m	$ 31	$ 3,742	-	$ -		$ -		30	0.77				-	$ -		$ 3,742		$ 3,742
0185		3320.31000			Powerhous M&E-Intake And Powerhouse Superstructure - Structural Steel				***$ 27,434,772***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 27,434,772***		***$ 27,434,772***
	280		3320.31000.280		Beams Under 60 kg/m (incl. S, C, L shapes detailed as bracing, facing and overhang	618,443	kg	$ 6	$ 3,832,102	-	$ -		$ -		30	0.77				-	$ -		$ 3,832,102		$ 3,832,102
	281		3320.31000.281		Beams From 61 to 150 kg/m	359,270	kg	$ 6	$ 2,015,893	-	$ -		$ -		30	0.77				-	$ -		$ 2,015,893		$ 2,015,893
	282		3320.31000.282		Beams Over 150 kg/m	316,266	kg	$ 5	$ 1,592,194	-	$ -		$ -		30	0.77				-	$ -		$ 1,592,194		$ 1,592,194
	282A		3320.31000.282A		W Beam Stiffener (For Generator Floor Beams)	34,000	kg	$ 19	$ 647,710	-	$ -		$ -		30	0.77				-	$ -		$ 647,710		$ 647,710
	282B		3320.31000.282B		W Beam Bearing Plate (For Generator Floor Beams)	11,200	kg	$ 16	$ 175,314	-	$ -		$ -		30	0.77				-	$ -		$ 175,314		$ 175,314
	283		3320.31000.283		Columns Under 60 kg/m	1,697	kg	$ 7	$ 12,681	-	$ -		$ -		30	0.77				-	$ -		$ 12,681		$ 12,681
	284		3320.31000.284		Columns from 61 to 150 kg/m	89,054	kg	$ 6	$ 551,526	-	$ -		$ -		30	0.77				-	$ -		$ 551,526		$ 551,526
	285		3320.31000.285		Columns Over 150 kg/m	216,296	kg	$ 6	$ 1,261,330	-	$ -		$ -		30	0.77				-	$ -		$ 1,261,330		$ 1,261,330
	285A		3320.31000.285A		Grade WT Beams Under 60 kg/m	1,700	kg	$ 21	$ 35,925	-	$ -		$ -		30	0.77				-	$ -		$ 35,925		$ 35,925
	285B		3320.31000.285B		Grade WT Beams From 61 to 150 kg/m	34,000	kg	$ 13	$ 429,502	-	$ -		$ -		30	0.77				-	$ -		$ 429,502		$ 429,502
	285C		3320.31000.285C		Grade WT Beams Over 150 kg/m	267,300	kg	$ 9	$ 2,273,787	-	$ -		$ -		30	0.77				-	$ -		$ 2,273,787		$ 2,273,787
	285D		3320.31000.285D		Grade WT Beams Bearing Plates	15,800	kg	$ 16	$ 247,318	-	$ -		$ -		30	0.77				-	$ -		$ 247,318		$ 247,318
	285E		3320.31000.285E		Grade WT Beams Stiffener	11,200	kg	$ 19	$ 213,363	-	$ -		$ -		30	0.77				-	$ -		$ 213,363		$ 213,363
	297		3320.31000.297		Crane Girders in Welded Plates, 700-800 kg/m	385,449	kg	$ 6	$ 2,281,151	-	$ -		$ -		30	0.77				-	$ -		$ 2,281,151		$ 2,281,151
	298		3320.31000.298		Main Building Columns, in Rolled Shapes & Plates, Welded Continuously.	875,566	kg	$ 6	$ 5,060,894	-	$ -		$ -		30	0.77				-	$ -		$ 5,060,894		$ 5,060,894
	299		3320.31000.299		Roof trusses and Wind Trusses	275,598	kg	$ 6	$ 1,758,722	-	$ -		$ -		30	0.77				-	$ -		$ 1,758,722		$ 1,758,722
	300		3320.31000.300		Horizontal Bracing (WT Shapes) for roof and mezzanines	76,964	kg	$ 7	$ 539,402	-	$ -		$ -		30	0.77				-	$ -		$ 539,402		$ 539,402
	301		3320.31000.301		HSS Square Shapes for Vertical Bracing, Horizontal Bracing, Struts and HSS Column	189,724	kg	$ 7	$ 1,318,921	-	$ -		$ -		30	0.77				-	$ -		$ 1,318,921		$ 1,318,921
	302		3320.31000.302		Nelson Studs (Dia. 19 and 13 mm) Welded Mezzanine Beams	3,305	kg	$ 17	$ 54,997	-	$ -		$ -		30	0.77				-	$ -		$ 54,997		$ 54,997
	303		3320.31000.303		Nelson Studs (Dia. 19 and 22 mm) Welded to Generator Floor Beams	15,000	kg	$ 11	$ 171,751	-	$ -		$ -		30	0.77				-	$ -		$ 171,751		$ 171,751
	313		3320.31000.313		Tie-Back Linkage Assemblies by GANTREX, type TL123GP, includes Plates, Angles, S	96	each	$ 1,623	$ 155,780	-	$ -		$ -		30	0.77				-	$ -		$ 155,780		$ 155,780
	318		3320.31000.318		Hilti KWIK Bolts 3 (Dia. 25 mm) 304 SS	525	each	$ 35	$ 18,439	-	$ -		$ -		30	0.77				-	$ -		$ 18,439		$ 18,439
	319		3320.31000.319		Hilti KWIK Bolts 3 (Dia. 10 mm and 19 mm) hot dip galvanized	630	each	$ 7	$ 4,473	-	$ -		$ -		30	0.77				-	$ -		$ 4,473		$ 4,473
	320		3320.31000.320		Hilti Adhesive Anchors, HAS rods (Dia. 19 mm) HIT RE-500 , hot dip galvanized	200	each	$ 14	$ 2,838	-	$ -		$ -		30	0.77				-	$ -		$ 2,838		$ 2,838
	321		3320.31000.321		Steel Joists, by CANAM or equal	2,100	kg	$ 8	$ 16,776	-	$ -		$ -		30	0.77				-	$ -		$ 16,776		$ 16,776
	322		3320.31000.322		Elastomeric Pad at Attachment Axis E	40	each	$ 92	$ 3,669	-	$ -		$ -		30	0.77				-	$ -		$ 3,669		$ 3,669
	324		3320.31000.324		Miscellaneous Structural Steel, L Shapes, Plates, Eye bolts, Crosby Type Pieces, Ber	189,908	kg	$ 10	$ 1,953,580	-	$ -		$ -		30	0.77				-	$ -		$ 1,953,580		$ 1,953,580
	331		3320.31000.331		Rail type BETH 175, includes Splices and Aluminothermic Welds, for Crane Girders	720	m	$ 390	$ 280,718	-	$ -		$ -		30	0.77				-	$ -		$ 280,718		$ 280,718
	332		3320.31000.332		Rail type Beth 104 with Aluminothermic Welds	315	m	$ 197	$ 62,120	-	$ -		$ -		30	0.77				-	$ -		$ 62,120		$ 62,120
	333		3320.31000.333		GANTREX Rail Clip type WELDLOK 43 with Rubber Nosing for Crane Girders and Tra	2,160	each	$ 51	$ 109,962	-	$ -		$ -		30	0.77				-	$ -		$ 109,962		$ 109,962
	334		3320.31000.334		GANTREX rail clip type WELDLOK 24 with Rubber Nosing, hot dip galvanized	1,060	each	$ 25	$ 26,135	-	$ -		$ -		30	0.77				-	$ -		$ 26,135		$ 26,135
	336		3320.31000.336		Plates 350 x 20, Under Rails BETH 175, Painted with Primer Plates 300 x 20 Under F	35,500	kg	$ 9	$ 325,797	-	$ -		$ -		30	0.77				-	$ -		$ 325,797		$ 325,797
0186		3320.33000			Powerhous M&E-Intake And Powerhouse Superstructure - Misc Steel				***$ 7,750,059***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 7,750,059***		***$ 7,750,059***
	304		3320.33000.304		Stair Stringers in Channels (incl. Galvanized Beams and Columns for the stairs)	62,410	kg	$ 12	$ 758,873	-	$ -		$ -		30	0.77				-	$ -		$ 758,873		$ 758,873
	305		3320.33000.305		Stair Treads in Grating (308 mm by 914 mm), hot dip galvanized, Bent Checkered P	1,624	each	$ 145	$ 235,033	-	$ -		$ -		30	0.77				-	$ -		$ 235,033		$ 235,033
	306		3320.33000.306		Gratings for Landings at Stairs, type 24-102, Bearing Bars (of approx. 32X4.8) by FIS	48,820	kg	$ 14	$ 684,780	-	$ -		$ -		30	0.77				-	$ -		$ 684,780		$ 684,780
	307		3320.33000.307		Bent Plate at Floor 15.5	53,000	kg	$ 5	$ 242,889	-	$ -		$ -		30	0.77				-	$ -		$ 242,889		$ 242,889
	308		3320.33000.308		Steel Angle L102x102x7.9 at Floor 15.5	2,400	kg	$ 6	$ 13,723	-	$ -		$ -		30	0.77				-	$ -		$ 13,723		$ 13,723
	309		3320.33000.309		Roof Deck type RD 306 (t=0.91mm) by VICWEST, Galvanized Z 275 (Building roof ar	8,250	m²	$ 134	$ 1,108,955	-	$ -		$ -		30	0.77				-	$ -		$ 1,108,955		$ 1,108,955
	310		3320.33000.310		Roof Deck type RD 938 (t=0.76mm) by VICWEST, Galvanized Z 275 (mezzanine roo	1,640	m²	$ 131	$ 214,459	-	$ -		$ -		30	0.77				-	$ -		$ 214,459		$ 214,459
	310A		3320.33000.310A		Roof Deck type RD 306 (t=1.22mm) VICWEST, Galvanized Z 275 (Main entrance roo	245	m²	$ 198	$ 48,593	-	$ -		$ -		30	0.77				-	$ -		$ 48,593		$ 48,593
	311		3320.33000.311		Floor Deck type HB 306 (t=1.22 mm) by VICWEST, Galvanized Z 275 - Exterior (cove	1,550	m²	$ 198	$ 307,425	-	$ -		$ -		30	0.77				-	$ -		$ 307,425		$ 307,425
	311A		3320.33000.311A		Floor Deck type HB 938 (t=0.91mm) by VICWEST, Galvanized Z 275 (Stair 10 roof)	55	m²	$ 134	$ 7,393	-	$ -		$ -		30	0.77				-	$ -		$ 7,393		$ 7,393
	311B		3320.33000.311B		Floor Deck type HB 306 (t=0.91mm) by VICWEST, Galvanized Z 275 (mezzanine floo	3,550	m²	$ 134	$ 477,187	-	$ -		$ -		30	0.77				-	$ -		$ 477,187		$ 477,187
	312		3320.33000.312		Floor Deck type RD 306 (t=1.22 mm) by VICWEST, Galvanized Z 275 (Generator Flo	5,150	m²	$ 217	$ 1,116,830	-	$ -		$ -		30	0.77				-	$ -		$ 1,116,830		$ 1,116,830
	312A		3320.33000.312A		Cladding CL508 (t=0.76mm) by VICWEST, Galvanized Z 275 (Cover C8)	275	m²	$ 188	$ 51,694	-	$ -		$ -		30	0.77				-	$ -		$ 51,694		$ 51,694
	316		3320.33000.316		Guardrails in Pipes for Mezzanine, Stairs and Covers, with Kick Plate, Posts in DN32	47,250	kg	$ 15	$ 689,301	-	$ -		$ -		30	0.77				-	$ -		$ 689,301		$ 689,301
	317		3320.33000.317		Guardrails of Intake Deck (W and HSS shapes)	17,750	kg	$ 17	$ 299,436	-	$ -		$ -		30	0.77				-	$ -		$ 299,436		$ 299,436
	325		3320.33000.325		Checkered Plates	102,014	kg	$ 7	$ 701,648	-	$ -		$ -		30	0.77				-	$ -		$ 701,648		$ 701,648
	330		3320.33000.330		Miscellaneous Stainless Steel for MK1, MK2 and Covers C9, C10, C11 and C11A	4,721	kg	$ 16	$ 73,598	-	$ -		$ -		30	0.77				-	$ -		$ 73,598		$ 73,598
	335		3320.33000.335		Ladders with or without Cage, and Self-Closing Gates (in miscellaneous and structu	15,000	kg	$ 6	$ 94,230	-	$ -		$ -		30	0.77				-	$ -		$ 94,230		$ 94,230
	337		3320.33000.337		All types of grating not covered in price item 305 (ref 7.2.26) and price item 306 (re	81,748	kg	$ 8	$ 624,014	-	$ -		$ -		30	0.77				-	$ -		$ 624,014		$ 624,014

						Original Contract				Previous Cumulative 25-Nov-14		Period Dec-14		Cumulative to Date 25-Dec-14								Forecast to Complete		Forecast at Completion	
		HIDE	HIDE																						
Pay Item	Bid Item	Cost Code	WBS.Nalcor.Bid Item	Monthly Summary Lookup	Description	Quantity	UoM	Unit Cost	Amount	Quantity	$ Amount	Quantity	$ Amount	Quantity	Accrual Days	Accrual Factor	Delta previous two months	Weekly Average $$	Over-ride	$$ Accrual	$ Amount	Quantity	$ Amount	Quantity	$ Amount
0187		3320.39130		Powerhous	M&E-Intake And Powerhouse Superstructure - Intumescent Paint				***$ 703,930***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 703,930***		***$ 703,930***
	322A		3320.39130.322A		Intumescent Paint	3,550	m2	$ 198	$ 703,930	-	$ -		$ -		30	0.77				-	$ -		$ 703,930		$ 703,930
0188		3320.41000		Powerhous	M&E-Intake And Powerhouse Superstructure - Roofing				***$ 3,054,373***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 3,054,373***		***$ 3,054,373***
	343		3320.41000.343		Modified Bituminous Membrane Roofing System	8,416	m²	$ 353	$ 2,973,220	-	$ -		$ -		30	0.77				-	$ -		$ 2,973,220		$ 2,973,220
	344		3320.41000.344		Sealants (including for roofing & wall systems and pre-cast concrete fire wall joints	1	LS	$ 22,541	$ 22,541	-	$ -		$ -		30	0.77				-	$ -		$ 22,541		$ 22,541
	346		3320.41000.346		Roof Curb for Exhaust Fans	9	each	$ 1,478	$ 13,303	-	$ -		$ -		30	0.77				-	$ -		$ 13,303		$ 13,303
	347		3320.41000.347		Roof Curb for Exhaust Hood	1	each	$ 2,150	$ 2,150	-	$ -		$ -		30	0.77				-	$ -		$ 2,150		$ 2,150
	348		3320.41000.348		Roof Curb for Chimney	1	each	$ 1,422	$ 1,422	-	$ -		$ -		30	0.77				-	$ -		$ 1,422		$ 1,422
	349		3320.41000.349		Flashing for Roof Drains	25	each	$ 291	$ 7,262	-	$ -		$ -		30	0.77				-	$ -		$ 7,262		$ 7,262
	350		3320.41000.350		Flashing for Plumbing Vents	6	each	$ 197	$ 1,179	-	$ -		$ -		30	0.77				-	$ -		$ 1,179		$ 1,179
	357		3320.41000.357		Roof Anchors & Safety Restraints	45	each	$ 585	$ 26,306	-	$ -		$ -		30	0.77				-	$ -		$ 26,306		$ 26,306
	358B		3320.41000.358B		Metal sleeves for cable passage for roof exhaust fans	9	each	$ 776	$ 6,988	-	$ -		$ -		30	0.77				-	$ -		$ 6,988		$ 6,988
0189		3320.42000		Powerhous	M&E-Intake And Powerhouse Superstructure - Siding, Doors & Windows				**$ 2,801,545**	-	**$ -**		**$ -**		**30**	**0.77**				-	**$ -**		**$ 2,801,545**		**$ 2,801,545**
	339		3320.42000.339		Insulated Metal Wall Panels (Sandwiched Panels. VicWest & Kingspan; refer to the	7,323	m²	$ 298	$ 2,179,028	-	$ -		$ -		30	0.77				-	$ -		$ 2,179,028		$ 2,179,028
	340		3320.42000.340		Preformed Metal Siding (Vertical Metal Siding fastened to Steel Stud Wall)	508	m²	$ 194	$ 98,426	-	$ -		$ -		30	0.77				-	$ -		$ 98,426		$ 98,426
	341		3320.42000.341		Preformed Metal Siding & Framing (for Snow Baffles over louvers)	112	m²	$ 182	$ 20,392	-	$ -		$ -		30	0.77				-	$ -		$ 20,392		$ 20,392
	342		3320.42000.342		Metal Liner Panel, Insulation & Z-Bars (attached to interior of pre-cast concrete fire	460	m²	$ 339	$ 155,746	-	$ -		$ -		30	0.77				-	$ -		$ 155,746		$ 155,746
	345		3320.42000.345		Signage (Nalcor & Logo, Muskrat Falls Generating Station)	1	LS	$ 7,349	$ 7,349	-	$ -		$ -		30	0.77				-	$ -		$ 7,349		$ 7,349
	351		3320.42000.351		Exterior Metal Insulated Doors - Double	7	each	$ 1,328	$ 9,297	-	$ -		$ -		30	0.77				-	$ -		$ 9,297		$ 9,297
	352		3320.42000.352		Exterior Metal Insulated Doors - Single	14	each	$ 1,044	$ 14,614	-	$ -		$ -		30	0.77				-	$ -		$ 14,614		$ 14,614
	353		3320.42000.353		Aluminium Entrance Door (Insulated)	1	each	$ 2,125	$ 2,125	-	$ -		$ -		30	0.77				-	$ -		$ 2,125		$ 2,125
	354		3320.42000.354		Sectional Metal Insulated Door	2	each	$ 9,096	$ 18,191	-	$ -		$ -		30	0.77				-	$ -		$ 18,191		$ 18,191
	355		3320.42000.355		Aluminium Windows (32 Windows max)	154	m²	$ 1,810	$ 278,701	-	$ -		$ -		30	0.77				-	$ -		$ 278,701		$ 278,701
	358		3320.42000.358		Multi-Leaf Vertical Lift Metal Insulated Door	1	each	$ 3,204	$ 3,204	-	$ -		$ -		30	0.77				-	$ -		$ 3,204		$ 3,204
	358C		3320.42000.358C		Sleeve in metal siding wall complete with conduit, junction box and JB mounting pl	13	each	$ 1,001	$ 13,011	-	$ -		$ -		30	0.77				-	$ -		$ 13,011		$ 13,011
	358D		3320.42000.358D		Sleeve in metal siding wall on the right jamb of the multi-leaf door complete with c	1	each	$ 1,461	$ 1,461	-	$ -		$ -		30	0.77				-	$ -		$ 1,461		$ 1,461
0190		3320.42400		Powerhous	M&E-Intake And Powerhouse Superstructure - Masonry				***$ 10,907***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 10,907***		***$ 10,907***
	356		3320.42400.356		Concrete Unit Masonry (Exterior)	21	m²	$ 519	$ 10,907	-	$ -		$ -		30	0.77				-	$ -		$ 10,907		$ 10,907
0191		3340.77000		Powerhous	M&E-Powerhouse - Building Electrical Services - Lighting				**$ 373,504**	-	**$ -**		**$ -**		**30**	**0.77**				-	**$ -**		**$ 373,504**		**$ 373,504**
	358A		3340.77000.358A		Exterior lighting fixtures, HPS, 347 V AC, complete with conduit, junction box, wirir	23	each	$ 4,916	$ 113,059	-	$ -		$ -		30	0.77				-	$ -		$ 113,059		$ 113,059
	366		3340.77000.366		High Bay Light Fixture, Metal Halide, 347 Vac, complete with 1000 W lamp	46	each	$ 2,069	$ 95,182	-	$ -		$ -		30	0.77				-	$ -		$ 95,182		$ 95,182
	367		3340.77000.367		High Bay Light Fixture, Metal Halide, 347 Vac, complete with 1000 W lamp and Qua	23	each	$ 2,099	$ 48,283	-	$ -		$ -		30	0.77				-	$ -		$ 48,283		$ 48,283
	368		3340.77000.368		Panelboard, 600/347 Vac, 3 phase, 4 wire, 42 circuit, surface mounted sprinkler-pr	3	each	$ 6,460	$ 19,381	-	$ -		$ -		30	0.77				-	$ -		$ 19,381		$ 19,381
	369		3340.77000.369		Dry-Type Transformer, 75 kVA, 600-600/347 Vac	3	each	$ 9,755	$ 29,266	-	$ -		$ -		30	0.77				-	$ -		$ 29,266		$ 29,266
	370		3340.77000.370		Disconnect Switch, 600 V, 3 phase, complete with fuses	3	each	$ 1,692	$ 5,075	-	$ -		$ -		30	0.77				-	$ -		$ 5,075		$ 5,075
	371		3340.77000.371		Lighting Contactor Control Panel	2	each	$ 2,608	$ 5,216	-	$ -		$ -		30	0.77				-	$ -		$ 5,216		$ 5,216
	372		3340.77000.372		ON-OFF Pushbutton Control Station	4	each	$ 1,112	$ 4,448	-	$ -		$ -		30	0.77				-	$ -		$ 4,448		$ 4,448
	373		3340.77000.373		Teck Cables, 2C # 12 AWG	900	m	$ 19	$ 16,982	-	$ -		$ -		30	0.77				-	$ -		$ 16,982		$ 16,982
	374		3340.77000.374		Teck Cables, 3C # 12 AWG	500	m	$ 20	$ 10,009	-	$ -		$ -		30	0.77				-	$ -		$ 10,009		$ 10,009
	375		3340.77000.375		Teck Cables, 2C # 10 AWG	400	m	$ 21	$ 8,466	-	$ -		$ -		30	0.77				-	$ -		$ 8,466		$ 8,466
	376		3340.77000.376		Teck Cables, 4C # 10 AWG	500	m	$ 27	$ 13,405	-	$ -		$ -		30	0.77				-	$ -		$ 13,405		$ 13,405
	377		3340.77000.377		Temporary Feeder Cables to lighting transformers/panelboards, etc.	1	LS	$ 4,732	$ 4,732	-	$ -		$ -		30	0.77				-	$ -		$ 4,732		$ 4,732
0192		3350.61000		Powerhous	M&E-Bldg Mechanical Services - Piping/Mech Systems				***$ 3,719,465***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 3,719,465***		***$ 3,719,465***
	378		3350.61000.378		HVAC System	1	LS	$ 940,231	$ 940,231	-	$ -		$ -		30	0.77				-	$ -		$ 940,231		$ 940,231
	379		3350.61000.379		Domestic Wastewater System	1	LS	$ 1,785,738	$ 1,785,738	-	$ -		$ -		30	0.77				-	$ -		$ 1,785,738		$ 1,785,738
	380		3350.61000.380		Wastewater System	1	LS	$ 993,496	$ 993,496	-	$ -		$ -		30	0.77				-	$ -		$ 993,496		$ 993,496
0193		3430.78100		Powerhous	M&E-Turbine Generator And Ancillaries - Electrical Work - Conduit				***$ 82,044***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 82,044***		***$ 82,044***
	362A		3430.78100.362A		Rigid PVC Conduit, size 53mm	15	m	$ 116	$ 1,737	-	$ -		$ -		30	0.77				-	$ -		$ 1,737		$ 1,737
	363		3430.78100.363		Rigid PVC Conduit, size 78mm	50	m	$ 81	$ 4,028	-	$ -		$ -		30	0.77				-	$ -		$ 4,028		$ 4,028
	364		3430.78100.364		Rigid PVC Conduit, size 129mm	325	m	$ 194	$ 62,904	-	$ -		$ -		30	0.77				-	$ -		$ 62,904		$ 62,904
	365		3430.78100.365		Rigid Galvanized Steel Conduits, size 103 mm	100	m	$ 134	$ 13,375	-	$ -		$ -		30	0.77				-	$ -		$ 13,375		$ 13,375
0194		3430.78910		Powerhous	M&E-Turbine Generator And Ancillaries - Electrical Work - Grounding				***$ 621,393***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 621,393***		***$ 621,393***
	359		3430.78910.359		Exothermic Connections.	1,225	each	$ 157	$ 192,003	-	$ -		$ -		30	0.77				-	$ -		$ 192,003		$ 192,003
	359A		3430.78910.359A		Mechanical Connections	40	each	$ 226	$ 9,058	-	$ -		$ -		30	0.77				-	$ -		$ 9,058		$ 9,058
	360		3430.78910.360		Embedded Copper Grounding Plates	65	each	$ 486	$ 31,567	-	$ -		$ -		30	0.77				-	$ -		$ 31,567		$ 31,567
	361		3430.78910.361		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 500 kcmil	5,200	m	$ 65	$ 335,392	-	$ -		$ -		30	0.77				-	$ -		$ 335,392		$ 335,392
	362		3430.78910.362		Bare, Stranded, Medium Hard-Drawn Copper Conductor, size 4/0 AWG	1,800	m	$ 30	$ 53,373	-	$ -		$ -		30	0.77				-	$ -		$ 53,373		$ 53,373
0195		3440.61000		Powerhous	M&E-PH Mech Ancillary/Auxiliary Systems - Piping/Mech Systems				***$ 8,269,891***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 8,269,891***		***$ 8,269,891***
	381		3440.61000.381		Low Pressure Compressed Air System	1	LS	$ 161,634	$ 161,634	-	$ -		$ -		30	0.77				-	$ -		$ 161,634		$ 161,634
	382		3440.61000.382		Fire Protection System	1	LS	$ 203,140	$ 203,140	-	$ -		$ -		30	0.77				-	$ -		$ 203,140		$ 203,140
	383		3440.61000.383		Clear Water Drainage System	1	LS	$ 2,558,362	$ 2,558,362	-	$ -		$ -		30	0.77				-	$ -		$ 2,558,362		$ 2,558,362
	384		3440.61000.384		Dewatering System	1	LS	$ 1,702,251	$ 1,702,251	-	$ -		$ -		30	0.77				-	$ -		$ 1,702,251		$ 1,702,251
	385		3440.61000.385		Oily Water Drainage System	1	LS	$ 744,559	$ 744,559	-	$ -		$ -		30	0.77				-	$ -		$ 744,559		$ 744,559
	386		3440.61000.386		Raw and Cooling Water System	1	LS	$ 337,929	$ 337,929	-	$ -		$ -		30	0.77				-	$ -		$ 337,929		$ 337,929
	387		3440.61000.387		Service Water System	1	LS	$ 624,222	$ 624,222	-	$ -		$ -		30	0.77				-	$ -		$ 624,222		$ 624,222
	388		3440.61000.388		Piezometer and Water Level System	1	LS	$ 1,937,793	$ 1,937,793	-	$ -		$ -		30	0.77				-	$ -		$ 1,937,793		$ 1,937,793
0196		3510.94830		Indirects	M&E-Supply of concrete to Company's Other Contractor				***$ 4,662,604***	-	***$ -***		***$ -***		***30***	***0.77***				-	***$ -***		***$ 4,662,604***		***$ 4,662,604***
	389		3510.94830.389		Supply of Secondary Concrete - Class A2	7,500	m³	$ 216	$ 1,618,538	-	$ -		$ -		30	0.77				-	$ -		$ 1,618,538		$ 1,618,538
	390		3510.94830.390		Supply of Concrete - Class A	1,000	m³	$ 216	$ 215,805	-	$ -		$ -		30	0.77				-	$ -		$ 215,805		$ 215,805
	391		3510.94830.391		Supply of Concrete - Class B	14,500	m³	$ 195	$ 2,828,260	-	$ -		$ -		30	0.77				-	$ -		$ 2,828,260		$ 2,828,260
		Subtotal			**Subtotal Directs**				**$ 247,871,491**		**$ 10,143,008**		**$ 1,535,714**	5,141						11,505,238	**$ 11,678,722**		**$ 236,192,769**		**$ 247,871,491**

		Total			**Subtotal Directs and Indirects**				**$ 481,158,171**		**$ 81,185,760**		**$ 6,520,476**								**$ 87,706,236**		**$ 393,451,936**		**$ 481,158,171**

				HIDE	HIDE		Original Contract				Previous Cumulative 25-Nov-14		Period Dec-14		Cumulative to Date 25-Dec-14							Forecast to Complete		Forecast at Completion	
Pay Item	Bid Item	Cost Code	WBS.Nalcor.Bid Item	Monthly Summary Lookup	Description	Quantity	UoM	Unit Cost	Amount	Quantity	$ Amount	Quantity	$ Amount	Quantity	Accrual Days	Accrual Factor	Delta previous two months	Weekly Average $$	Over-ride	$$ Accrual	$ Amount	Quantity	$ Amount	Quantity	$ Amount
	CHO			Change Ord	**Change Order Totals**				$ -		$ 1,033,809		$ -		30						$ 1,033,809		$ -		$ 1,033,809
		Change Orders	CHO-0001		Emergency Work at MacKenzie Brook Bridge & Installation of a bypasss	1	Lot				$ 198,968		$ -		30						$ 198,968		$ -		$ 198,968
		Change Orders	CHO-0002		Completion of Construction Power Requirements	1	Lot				$ 834,841		$ -		30						$ 834,841		$ -		$ 834,841
						1	Lot						$ -		30								$ -		
													$ -		30								$ -		
													$ -		30								$ -		
					Subtotal with Approved Changes				$ 481,158,171		$ 82,219,569		$ 6,520,476								$ 88,740,045		$ 393,451,936		$ 482,191,980
	CHR			Change Req	Change Requests Totals				$ -		$ -		$ -		30						$ -		$ -		$ -
		Change Requests	CHR-1001		Supply & Install Second Stage Concrete for Hydro-Mechanical Embedded Parts	1	Lot						$ -		30								$ -		
		Change Requests	CHR-1002		Provide optional unit prices for the supply & transportatuio of aggregate to other contractors at the switchyard/converter area	1	Lot						$ -		30								$ -		
		Change Requests	CHR-1003		Provision of bus service between Goosebay, North West River & Sheshatshu, plus Goosebay, Goosebay Airport & The Accomodation Complex	1	Lot						$ -		30								$ -		
		Change Requests	CHR-1004		Take over the provision of all stipulated sanitary cleaning required of the washcars including supply of all associated consumables								$ -		30								$ -		
		Change Requests	CHR-1005		Ref: ECN-0001 & ECN-0002 These two ECN(s) covered IFC Technical Specifications, Drawings & Piping Isometric Drawings that were either not previously released to contractor or are revised IFC documents								$ -		30								$ -		
		Change Requests	CHR-1006		Mobilization & Set-up of required equipment & the crushing\Stockpiling of the three types of aggregate as required								$ -		30								$ -		
		Change Requests	CHR-1007		Completion of construction Power Requirements								$ -		30								$ -		
		Change Requests	0										$ -		30								$ -		
		Change Requests	CHR-2022		Spillway Upstream rock face reconstruction								$ -		30								$ -		
		Change Requests	40-12500-E		Spillway rock profile increased complexity								$ -		30								$ -		
													$ -		30								$ -		
													$ -		30								$ -		
					Total with Approved and Unapproved Changes				$ 481,158,171		$ 82,219,569		$ 6,520,476								$ 88,740,045		$ 393,451,936		$ 482,191,980

Appendix I: Risk Register

LOWER CHURCHILL PROJECT	LCP - CONTRACTORS / SUPPLIERS RISK REGISTER	Page:	01 of 01
	Agreement No.: CH007-001	Date: 11 Dec. 2014	in red the updated parts
	Agreement Title: Construction of Intake and Powerhouse, Spillway and Transition Dams	Risk Register No.: 002	

Mitigation Strategy:
1. Mitigate
2. Avoid
3. Transfer
4. Accept

Risk ID	Exposure Activity	Exposure Status	Risk Title / Possible Outcome	Risk Description	Risk Type	Attributes		Risk Status	Risk Exposure Period		Pre Mitigation			Risk Approach	Risk Approach Strategy descr.	Strategy Status	Action	Action Status	Responsible	Due Date	Action % complete	Comments
						Carrier	Location		Start	End	Probability	Consequence	Probable Consequence / Risk Level									
R-001	Procurement	Open	List of packages and availability	List and availability of clearly defined packages, absence of these packages could delay the project activities	Schedule	Procurement Manager/Cheief Engineer	Procurement and Engineering Office	Open	Dec-13	Sep-18	50%	High	12	Mitigation	Have close and overall control of work packages and activity plans	Open	- Hold coordination meetings between planning/procurement/engineering.	Open	Chief Engineer/Procurement Manager	Sep-14	25%	
R-002	Construction	Open	Rock aggregates production/Lack of material (rock) availability for entire project	Due to wastage in the stockpile (material quality), amount of material present may not be sufficient for the entir project, could result in schedule delays and cost impacts.	Schedule	Nalcor site manager/Astaldi Project Manager	C-1	Open	Sep-15	Sep-18	50%	High	12	Mitigation	Create plans to improve quality of aggregate production and have a better understanding of the aggregate needs of the project.	Open	-Optimize the exploitation and crusher activities (to reduce losses) - Verify the quantity needed	Open	Planning/Construction	Sep-14	100%	The actual stock pile aggregates support concrete production until May 2015
R-003	Construction	Open	2nd stage concrete and river diversion	The lack of finalization of second stage concrete phases, could impede river diversion.	Schedule	Nalcor site manager	Site	Open	Sep-15	Oct-16	30%	High	12	Mitigation	Ensure communication channels to accelerate the process.	Open	LCP drafting letter to formally notify Contractor regarding 2nd stage concrete	Open	Nalcor	Feb-15	tbd	
R-004	Construction	Open	Deliverable Submittal and Acceptance Process.	The long procedures in the approval process of drawings, could cause delays in the construction activities that cannot start without this approval.	Schedule	Astaldi Chief Engineer/Nalcor Chief Engineer	Engineering Office	Open	Sep-14	Sep-18	40%	High	12	Mitigation	Create a tracking plan to ensure deadline are met. Reduce the transmission time and improve direct communication with the designer	Open	Track and develop a follow up on the transmission and approval processes. Have the designer at site. Plans to submit deliverables with enough time in advance of the work.This period should include time for deliverable revision and resubmission in 14 days in accordance with sec. 6.4.4 of Exhibit 11. identification of critical deliverbles and communication protocol with Company to prioritize deliverble review. Robust drawing checking system to ensure drawings are submitted with minimal errors.	Open	Astaldi Chief Engineer/Nalcor Chief Engineer	Sep-14	70%	Company has taken specific measures to assist Contractor with its shop drawings (ref. LTR-0294) Speed up approval process is need - the approval time should be reduced from 21 to 11 days
R-005	Construction	Open	Time sheet approval	The delay in the Time sheet approval can bring delays in the payments, this coud affect the financial status of th project that is connected with the overall operational project activities.	Schedule	Astaldi QS Manager/Nalcor Project Controls site manager	QS Office	Open	Sep-14	Sep-18	75%	Very High	25	Mitigation	Clarify processes involved to have a common understanding of the needs of both parties	Open	Develop a common and agreed procedure for a fast data time sheet approval process.	Open	Astaldi QS Manager/Nalcor Project Controls site manager	Sep-14	100%	
R-006	Construction	Open	Delay on the ICS construction activity	The construction phases of the ICS could be delayed due to operational conditions/weather conditions	Schedule	ICS Construction Manager	Powerhouse	Open	Oct-14	Mar-15	80%	Very High	25	Mitigation	Keep close control of scheduled activities, monitoring any small delays	Open	Develop a detailed control plan Increase the number of resources on site and improve the daily activities control.	Open	ICS Construction Manager	Sep-14	100%	The plan has been developed. The delay has been caused for the type of cladding, that was difficult to install due to the strong wind conditions. A new system has been put in place to accelerate the clousure (INSULATED TARPS)
R-007	Construction	Open	Winterization readiness/Delay in the installation and supply of the heating system in various facilities	The delay in the supply of the heating system could prevent the work activities from occuring within the various facilities. In connection, the construction activites will also be delayed.	Schedule	Procurement Manager	All Facilities	Open	Nov-14	Mar-15	50%	Very High	15	Mitigation	Ensure the purchase order are put into place in due time	Open	Develop an action plan for tracking and enhance communication with subcontractor to avoid project delays.	Open	Procurement Manager/Technical Manager (Mechanical and Electrical)	Sep-14	45%	The delay in the ICS Stage 1 Winterization is in delay because the structure installation is in delay
R-008	Construction	Open	Trades skill	The skill level of employees/workers must be adequate in order to properly perform project activities, lack of a proper level of skill can result in delays/re-work/lower then anticipated production rates.	Quality/Schedule	HR Manager/Labour Relations Manager	Overall activities	Open	Sep-14	Dec-16	55%	Very high	20	Mitigation	The strategy is to reduce the low level skills employee and to raise the quality of the works and the speed of the project	Open	-Deep screen of the skills of the employee during the hiring process -Periodic meeting with Union representatives	Open	HR Manager/Labour Rel. Manager	Sep-14	20%	
R-009	Construction	CLOSE	Delay in the Baseline approval	The delay in the baseline approval process would prevent the planning staff from perform an accurate overall schedule control	Quality	Nalcor/Astaldi lead planner	Planning office	CLOSE	Sep-14	Dec-14	25%	medium	6	Mitigation	The strategy is to improve the frequency of meetings between Nalcor and Astaldi planners and see how can CH-0007 plan is included in the LCP Master Plan	CLOSE	Define a meeting plan that will fit project needs.	Closed	Nalcor/Astaldi lead planner	Sep-14	100%	
R-010	Procurement	Open	Delay of procurement relating to ICS overhead crane.	The delay in the reception of the overhead crane on site, will delay the construction activities with the ICS structure.	Schedule	Procurement Manager	Procurement Office	CLOSE	Sep-14	Dec-14	25%	Very High	10	Mitigation	The strategy is to reduce the chance of delays related to reception of overhead crane.	CLOSE	Develop a plan to have a close control of manufacturer and shipping activitites	Closed	Procurement Manager	Sep-14	100%	Cranes at site
R-011	Construction	Open	Permitting/occupancy permits for site buildings	Design is still under process. While the impacts may be small we still have out standing bldg permits for fire/life and occupancy	Schedule	Astaldi Env. Manager	Astaldi	Active	started		15%	medium	6	Mitigation	Action to reduce the probability of non compliance	Open	Follow up with survey and engineering.	Open	Astaldi Env. Manager	Sep-14	80%	
R-013	Construction	Open	Dewatering of Powerhouse and Spillway/Environmental, pH, tss and hydrocarbons in the discharge water	Contaminated Discharge water. Non compliance issues in terms of environmental regulations can delay the project activities. should put in place specific procedures and/or reorganize the activities in compliance with the regulations. NLDOEC, NLWRMD, DFO	Schedule	Astaldi Env. Manager	Project Management, Construction and Site Safety	Active	Jul-13	Jul-16	85%	High	20	Transfer	A contingency for additional management, audits and external consultants is added herewith for proposal purpose.	Active	quarterly, Monthly, weekly or spill event sampling event of discharge water	Open	Project Management, Construction	Apr-13	100%	weekly/monthly/quarterly due diligence in place
R-014	Construction	Open	Washing of concrete truck drums/Delay in Schedule	increase the TSS and pH in water discharging from the SP/PH Potential	Schedule	Astaldi Env. Manager	Project Management & Human Resources	Active	Jul-13	Jul-16	85%	High	20	Mitigation	Put in place facilities to reduce water contamination.	Active	washout ponds for concrete trucks and waste concrete	Open	Project Management & site services	Apr-14	50%	
R-015	Construction	Open	Hazardous waste/spills and disposal issues	disposal of large amounts of avoidable waste generated form our operations. Lube cans, buckets , waste oil, lubes, gas, etc..	Schedule	Astaldi Env. Manager	Project Management, Astaldi Corporate and Construction	Active	Jul-13	Jul-16	85%	High	20	Mitigation	Put in place controlling procedures for hazardous waste	Active	Create a plan to monitor/control/dispose hazardous waste materials.	Open	Astaldi Project Management	Apr-14	100%	Plan done and approved
R-016	Construction	Open	excessive run off causing tss and other contaminates to enter the Churchill river from our activities	DFO, NLDOEC and NLWRMD infractions no complainant with financially implications	Schedule	Astaldi Env. Manager	Construction and Procurment	Active	Jul-13	Jul-16	85%	High	20	Mitigation	Create approaches, procedures and plans to control run off	Active	Enhance a proactive approach to run-off issues. Setup proper procedures and plans that can mitigate and minimize impacts on the environment.	Open	Project Management	Apr-14	100%	
R-017	ICS Construction/Design Phases	Open	ICS Construction Design phase/Errors in structural calculations	Failure in structural elements that may cause delay and safety issues.	Schedule/Quality	Chief engineer/ICS construction manager	Powerhouse	Active	Sep-14	Mar-15	5%	Very High	5	Transfer	Transfer to third party	CLOSE	Stipulate a CAR (construction all risk insurance)	Closed	CFO	Dec-13	100%	
R-018	ICS Construction/Design Phases	Open	ICS Construction Design phase/No compliance with specifications and drawings	Rework would be necessary to be in compliance with specifications and drawings.	Quality/Schedule	Quality Manager	Construction Site	Open	Sep-14	Mar-15	20%	Medium	6	Mitigation	Mitigation	CLOSE	Develop and follow ITP	Closed	Quality Manager	1 month prior to each activity	100%	Design approved.
R-019	Testing of Material	Open	Quality control for Material testing	Uncorrect results in the testing of materials would not allow for proper evaluation of workdone.	Quality	Quality Manager	Site Testing Location	Active	Sep-14	Sep-18	25%	Medium	6	Mitigation	Enhance the consciousness and skills of workers when performing material tests.	Open	- Develop procedures to test materials - Use of skilled personnel -Ensure timely test result data	Open	Quality Manager	Ongoing	Ongoing	
R-020	Procurement	Open	Reliability of suppliers and subcontractors	Having bad performance from subcontractors resulting in low quality of materials and delays in delivery.	Schedule/Quality	Procurement Manager/Cheief Engineer	Procurement and Engineering Office	Active	Dec-13	Sep-18	25%	Medium	6	Mitigation	Get a deep understanding of the technical ability of the supplier/subcontractor	Open	- Request clear technical requirements - Impose quality program - Perform audits	Open	Quality Manager/Procurement Manager	Ongoing	Ongoing	
R-021	Engineering	Open	Unexpected delays during the drawing review phase/Design Issues/Disputes - delay in schedule.	Change and definition in design is still under process. While the impacts may be small, in the aggregate they may delay and cause signifiicant issues downstream.	Schedule	Nalcor site manager	Nalcor Design office	Active	Jul-13	Jul-15	60%	High	16	Mitigation	Plan the construction and design activities	Open	Monthly Follow Up with Engineering and Construction	Open	Astaldi Chief Engineer/Nalcor Chief Engineer	Sep-14	tbd	Need to speed up the Power House drawings approval
R-022	Construction	Open	Changes in Design Conditions/Review Process - delay in Schedule	Reviews increased from 25% to 50%.Which agencies and the review time for those agencies is not defined. The time required by the Engineer to review submittals (shop drawings, test certificates, manuals, plans, concrete pours layouts, etc.) is also not specified. It is expected that more than 4000 deliverables will be needed to be submitted to the Engineer as part of the project execution and before any work may be performed on site. This is a very critical effort that may impact the project execution of Astaldi.	Schedule	Nalcor	Design Team	Active	Sep-14	Dec-16	70%	High	20	Transfer	Contingency for shop drawing review has to be set up by the carrier.	Active	Monthly Follow Up with Engineering and Construction	Open	Nalcor Chief Engineer	Sep-14	tbd	Projects q.ties are arising from detail design
R-023	Engineering	Open	Construction Issues with the Design /Improper Construction / Faulty Design	With the increase in design deliverables, there is a probability that poor communication bewteen Construction and Engineering creates a delay in the project.	Schedule	Astaldi PMO/Construction Manager	Construction and Design Team Offices	Active	Sep-14	Dec-16	25%	High	8	Mitigation	Improve communication system among contractors	Active	Setup a common log of transmission drawings (in/out) from engineering to construction and vice-versa. Define and implement propper coordination	Open	Astaldi PMO/Construction Manager	Sep-14	70%	Trasmission log in place. Enginnering joins the weekly planning/construction meeting
R-024	Construction	Open	Inefficient Personnel Turnover/Potential Delay in Schedule	Inefficient Personnel Turnover. It is expected that the project will have a very high turnover for all construction personnel. (project management & local staff).	Schedule	Astaldi PM/HR Manager	All Site Areas	Active	Sep-14	Dec-16	70%	Very High	25	Mitigation	Ensure transfer of knowledge between employees in the same department for all work activities to avoid learning curve lost time and disruption of work activities	Active	All the inneficient resources will be removed.	Open	Project Management & Human Resources	Sep-14	40%	Action in place, on going; A selection of efficient resources is on going.
R-025	Construction	Open	Climatic Factors - Delay in Schedule	Access from Montreal to Goose Bay may be closed during winter. Alternatives routes will need to be utilized to ensure that materials arrive continuously to site without delaying the execution of the works.	Schedule	Logistics Manager/Procurement Manager	Roads between starting point and goose bay	Active	Nov-14	Apr-15	85%	Very High	25	Mitigation	Look for alternate transportion routes to overcome obstacles related to transportation of materials Increase stock of programmable goods and materials (food/fuel/cement/steel)	Active	Define the plan of alternatice route and ensure feasability of alternative option	Open	Logistics Manager/Procurement Manager	Sep-14	35%	Fuel stock in place (Fuel stocked in GB)
R-026	Construction	Open	Conflicts with Local Stakeholders	Goose Bay/Happy Valley is a very small community and the project will be seen by locals and authorities. If the project and related activities are seen to contribute to the local area and the Innu Nation, it will be beneficial for all. The risk is that it could not be and so have the community that will be against the project.	Schedule	Astaldi PM	Goose Bay Community/Overall Site	Active	Sep-13	Jul-16	30%	medium	9	Mitigation	Contract provisions on local recruitment (Provincial Benefits); active recruiting system local oriented; active procurement system local oriented;	Active	Monthly Follow Up with Project Management and Construction. Astaldi Corporate on a quarterly basis. Goose bay office for Local community Community investment Timely payment to sucon and suppliers	Open	Astaldi PM	Sep-14	60%	Ammount for local investment approved. GB office open to the local community for hiring and procurement Paymnent on time
R-027	Engineering/Construction	Open	Multiples Contractors Interface	The presence in the Power House of more than one Contractors, could cause delay on the activites	Schedule	Nalcor Construction Coordinator	Powerhouse	Active	Jul-15	Sep-18	40%	High	12	Mitigation	Coordination	Active	Coordination between Contractors. Held coordination meetings, sharing programms and targets.	Open	Nalcor Site Manager/Contractors PMs	May-15	0%	
R-028	Construction	Open	Embedded parts	Delay in supplying first stage embedded parts (permanent materials) into powerhouse concrete lifts	Schedule	Astaldi Chief Engineer/Astaldi CM	Powerhouse	Active	Jan-15	Apr-17	50%	Very High	20	Mitigation	Control and follow up	Active	Develop a close procurement control and a precise material list.	Open	Astaldi Chief Engineer/Astaldi Procurement Manager	Dec-14	20%	

General description of the Risk Register's fields:

01	Risk ID	Unique number assigned to the risk. E.g. 0001; R0001,
02	Exposure Activity	Activity related with the scope of work and specific timeframe e.g. Civil Works: Clearing, Grubbing, Earthworks, Hauling, Dumping; Slopes - Transmission Lines: Access; Foundations; Towers; Conductor. Also it can be defined by discipline following agreement scope of work.
03	Exposure Status	Open; Close
04	Risk Title / Possible Outcome	Title describing the Risk of possible outcome identified
05	Risk Description	Description of the cause and effects associated with the identified risk.
06	Risk Type	Suppliers: Schedule and Quality Contractors: Schedule, Quality, Safety and Environment. If the agreement includes a reimbursable pay item with a considerable participation in the total agreement price a risk type "Cost" must be included.
07	Carrier	Best knowledgeable person identified to mitigate the risk.
08	Location	Additional info indicating the location associated with the identified risk. E.g. physical component; geographical location; facility location or WBS if applicable
09	Risk Status	Active, Retired, Proposed
10	Risk Exposure Period (Start - end)	Start and end dates for the exposure period associated with the identified risk. If possible should be aligned with the baseline schedule implemented to monitor, track and report progress of the scope of work
11	Probability	Numerical value expressed in percentage identified for the risk. If the percentage is equal or over 90% it is not considered a risk. It should be treated as an Issue and response should be implemented. Issues are not part of this register
12	Consequence	Qualitative Assessment of the consequence. E.g. very low, low, medium, high and very high.
13	Probable Consequence / Risk Level	Qualitative Assessment as a result of : Probability * Consequence. It needs to be aligned with the Risk Matrix - Heat Matrix implemented to identify the risk level.
14	Risk Approach	1)Avoid,2) Mitigate, 3)Transfer or 4)Accept
15	Risk Approach Strategy desc.	Description of the Mitigation or mitigations identified for the risk following decision on the mitigation strategy. The relationship between Risk and Mitigation is one to many.
16	Strategy Status	Open; Close and Cancelled.
17	Action	Description of the specific action or actions associated with the identified mitigation. The relationship between Mitigation and Action is one to many.
18	Action Status	Open, Close and Cancelled.
19	Responsible	Person identified to carry-out action or actions
20	Due date	Date identified to carry-out action or actions
21	Action % complete	New date identified to carry-out action or actions as a result of a failure to complete action or actions in the original due date.
22	Comments	Additional info associated with the risk, mitigation(s) or action(s).