

**BIPOLE III TRANSMISSION  
PROJECT  
2016/17 ANNUAL HARVEST  
PLAN**

Document Owner  
Licensing and Environmental Assessment Department  
Transmission Planning and Design Division  
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List of Revisions

Number	Nature of Revision	Section(s)	Revised By	Date

# PREFACE

## MANITOBA HYDRO'S ENVIRONMENTAL COMMITMENT

Manitoba Hydro is committed to protect and preserve natural environments and heritage resources affected by its projects and facilities. This commitment and a commitment to continually improve environmental performance is demonstrated through the company's Environmental Management System, which is ISO 14001 certified.

Environmental protection can only be achieved with the full engagement of Manitoba Hydro employees, consultants, local communities and contractors at all stages of projects from planning and design through construction and operational phases.

As stated in the Corporate Environmental Management Policy:

*“Manitoba Hydro is committed to protecting the environment by:*

- preventing or minimizing any adverse impacts, on the environment, and enhancing positive impacts;*
- continually improving our Environmental Management System;*
- meeting regulatory, contractual and voluntary requirements;*
- considering the interests and utilizing the knowledge of our customers, employees, communities, and stakeholders who may be affected by our actions;*
- reviewing our environmental objectives and targets annually to ensure improvement in our environmental performance; and*
- documenting and reporting our activities and environmental performance.”*

Manitoba Hydro's environmental management policy has been used to guide the development of the environmental protection program for the proposed Project. Implementation of the program is practical application of the policy and will demonstrate Manitoba Hydro's dedication to environmental stewardship.

Manitoba Hydro recognizes the unique relationship Aboriginal communities have with their areas of use and is appreciative to all the communities who took time to share information about their history and culture as well as their valued knowledge and perspectives with regards to the Bipole III Transmission Project. Aboriginal Traditional Knowledge that has been shared assisted Manitoba Hydro in: developing a greater understanding of the study area; identifying potential Project effects; planning and designing the Project; and developing mitigation measures, which can be found throughout this document and other project environmental plans. Manitoba Hydro understands the importance of continuing to engage with Aboriginal communities and to work to address outstanding concerns.

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**APPENDIX 2: 50K CLEARING MAPBOOK**

# LIST OF MAPS

**Clearing Map Book 50k (Attached)** – *Contains maps of timber salvage areas*

**Construction Environmental Protection Plans** - *Contains maps of specific environmentally sensitive sites and clearing prescriptions* - [https://www.hydro.mb.ca/projects/bipoleIII/document\\_library.shtml](https://www.hydro.mb.ca/projects/bipoleIII/document_library.shtml)

Bipole III N1 Segment Construction Environmental Protection Plan  
Bipole III N2 Segment Construction Environmental Protection Plan  
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Bipole III N4 Segment Construction Environmental Protection Plan  
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AC Collectors and Construction Power Construction Environmental Protection Plan  
Keewatinohk Converter Station Facilities, Infrastructure and Ground Electrode

**Access Management Plan Maps** – *Contains all planned access routes for the construction of the Bipole III Transmission Line* - [https://www.hydro.mb.ca/projects/bipoleIII/document\\_library.shtml](https://www.hydro.mb.ca/projects/bipoleIII/document_library.shtml)

# 1.0 INTRODUCTION

The Annual Harvest Plan (AHP) reports on the previous years depletion areas and timber salvage volumes, as well as illustrates the plans for the current years depletion (clearing) methods and biomass reduction (debris disposal) methods that will be undertaken by Manitoba Hydro and contractors to prepare construction sites for the development of the Bipole III Transmission Project. There is one Annual Harvest Plan developed in 2016/17 that covers both the Transmission components and the Keewatinohk Converter Station Facilities, Infrastructure and Ground Electrode.

This 2016/17 AHP provides guidance for depletion and biomass reduction methods for the Bipole III Keewatinohk Converter Station Facilities and N4, S1,S2 Transmission Line segments, in this plan these components will be collectively referred to as the “Project”.

## 2.0 ENVIRONMENTAL PROTECTION PLAN

Part of Manitoba Hydro's commitment to environmental protection includes the development of a comprehensive Environmental Protection Program (EPP) for the Bipole III Transmission Project. This program includes the development of a Project-Level Environmental Protection Plan (EnvPP) and Construction EnvPPs (CEnvPPs) specific to each major Project component. The Project-Level EnvPP contains general environmental protection information applicable to all project components, provides a foundation for developing component-specific CEnvPPs, and is intended for project managers and regulators. The CEnvPPs provide general and specific environmental protection information for each project component and are intended for use by construction contractors and environmental staff.

A number of **Environmentally Sensitive Sites** (ESS) have been identified around the transmission components. ESS are locations, features, areas, activities or facilities that were identified in the Bipole III Transmission Project EIS to be ecologically, socially, economically or culturally important or sensitive to disturbance and require protection during construction of the project. The determination of ESS has included the consideration of Aboriginal Traditional Knowledge (ATK). Manitoba Hydro will continue to engage with stakeholders and aboriginal communities in efforts to continually update this plan with sensitive sites and current knowledge as it is shared.

Map sheets have been developed at a scale of 1:10,000 for the Project to present the location and spatial extent of ESS. Each map has corresponding tabular summary information including ESS feature information and relevant mitigation measures to address the potential environmental effects at each ESS site, including any special clearing and debris disposal requirements.

All clearing and debris disposal activities are conducted under the oversight of a Manitoba Hydro Environmental Inspectors and must comply with the applicable Construction Environmental Protection Plan (CEnvPP). The approved CEnvPP's can be found at [https://www.hydro.mb.ca/projects/bipoleIII/document\\_library.shtml](https://www.hydro.mb.ca/projects/bipoleIII/document_library.shtml)



## 3.0 BACKGROUND

Background information Manitoba Hydro has created or collected concerning the location of activities in this Annual Harvest Plan can be found in the Environmental Impact Statement (EIS) for the Bipole III Transmission Project. The EIS along with Technical Reports can be found at [https://www.hydro.mb.ca/projects/bipoleIII/document\\_library.shtml](https://www.hydro.mb.ca/projects/bipoleIII/document_library.shtml)

Chapter 6 of the EIS describes the Project location within four Ecoregions

- Hudson Bay Lowland
- Hayes River Upland
- Churchhill River Upland
- Mid- Boreal Lowland

A portion of Sections N1, N2, N3, N4 of the Bipole III Transmission Line are within the Tolko Forest Management Licence Area (FML-02) and the other portion falling into the Louisiana Pacific Forest Management Licence Area (FML-03). Section C1 of the Bipole III Transmission Line as well as a portion of the C2 Section is within the Louisiana Pacific Forest Management Licence Area (FML-03)

Further information on terrestrial ecosystems and vegetation can be found in the Bipole III Terrestrial Ecosystem and Vegetation Report located here:

[https://www.hydro.mb.ca/projects/bipoleIII/document\\_library.shtml](https://www.hydro.mb.ca/projects/bipoleIII/document_library.shtml)

Further Information on Forestry can be found in the Bipole III Forestry Technical Report located here:

[https://www.hydro.mb.ca/projects/bipoleIII/document\\_library.shtml](https://www.hydro.mb.ca/projects/bipoleIII/document_library.shtml)

## 4.0 TIMBER SALVAGE SUMMARY

### N1 Section

No timber salvage was planned during clearing of the N1 section as there were no stands with significant volumes of merchantable timber.

### N2 Section

During the winter of 2015/16 an agreement was reached with Wabowden area logger Gary Mosiondz to purchase approximately 9390 m<sup>3</sup> solid (approximately 4500 m<sup>3</sup> solid that was piled at Massan Siding as well as approximately 4890 m<sup>3</sup> solid that was piled on the ROW). Gary Mosiondz removed the approximately 4500 m<sup>3</sup> solid that was piled at Massan Siding as well as approximately 4365 m<sup>3</sup> solid of the wood that was piled on the ROW; ownership of the remaining approximately 525 m<sup>3</sup> solid that is piled on the ROW has been returned to Manitoba Hydro. Also during the winter of 2015/16 approximately 200 m<sup>3</sup> solid was delivered by John Thorne to the community of Pikwitonei. A plan to utilize or dispose of the approximately 525 m<sup>3</sup> solid of merchantable wood that remains on the ROW will be determined in discussion with regional Sustainable Development representatives.

### N3 Section

As identified in the BPIII Annual Harvest Plan 2015/16 no timber salvage remains on the ROW and timber salvage activities are complete.

### N4 Section

Of the 80 hectares of timber salvage that was planned to be harvested approximately 75 hectares (approximately 9050 m<sup>3</sup> solid) has been harvested and processed. During the winter of 2015/16 there was approximately 642.5 m<sup>3</sup> solid delivered to Dawson Bay, approximately 300 m<sup>3</sup> solid delivered to Red Deer Lake, approximately 862.5 m<sup>3</sup> solid delivered to Barrows, approximately 337.5 m<sup>3</sup> solid delivered to Baden, approximately 897.5 m<sup>3</sup> solid delivered to Sapotaweyak Cree Nation, approximately 892.5 m<sup>3</sup> solid delivered to Wuskwi Sipihk First Nation, and approximately 1615 m<sup>3</sup> solid delivered to MMF Elder Firewood Program stockpiles. During the winter of 2015/16 the ownership of approximately 472.5 m<sup>3</sup> solid was transferred to a local licensed timber dealer (Jason Carolyk) who removed this wood from the ROW; there was also in excess of 292.5 m<sup>3</sup> solid that was removed by local Personal Use Permit holders from timber salvage areas on the ROW. There was approximately 1952.5 m<sup>3</sup> solid that was stockpiled on the ROW near Bellsite prior to spring 2016 that has been utilized for firewood by local residents but any wood that remains in 2017 will be removed to a TBD location prior to spring. The approximately 5 hectares that has yet to be harvested is planned to be delivered to a Sapotaweyak Cree Nation stockpile in early 2017.

### C1 Section

There was in total approximately 61.25 hectares (approximately 5171 m<sup>3</sup> solid) of timber salvage that was harvested and delivered during the winters of 2014/15 and 2015/16 and no further timber salvage is planned. During the winter of 2015/16 there was approximately 1617 m<sup>3</sup> solid that was delivered to LP, approximately 263 m<sup>3</sup> solid that was delivered to Pine Creek First Nation, approximately 23 m<sup>3</sup> solid that was delivered to

Winnipegosis, approximately 88 m<sup>3</sup> solid that was delivered to Duck Bay, approximately 88 m<sup>3</sup> solid that was delivered to Camperville, approximately 7.5 m<sup>3</sup> solid that was delivered to Rorketon, approximately 37.5 m<sup>3</sup> solid that was delivered to Jessie Dzikowski (E ½-12-35-22W), and approximately 10 m<sup>3</sup> solid delivered to Victor Sliwosky (S ½-4-30-17W).

### **C2 Section**

There was in total approximately 30.32 hectares (approximately 3699 m<sup>3</sup> solid) of timber salvage that was harvested and delivered during the winters of 2014/15 and 2015/16 and no further timber salvage is planned. During the winter of 2015/16 there was approximately 120 m<sup>3</sup> solid that was delivered to Crane River First Nation, approximately 270 m<sup>3</sup> solid that was delivered to Skownan First Nation, approximately 390 m<sup>3</sup> solid that was delivered to Lake Manitoba First Nation, approximately 645 m<sup>3</sup> solid that was delivered to Sandy Bay First Nation, and approximately 435 m<sup>3</sup> solid that was delivered to Kinosota (RM of Alonsa).

### **S1 Section**

No timber salvage is planned during construction of S1 section, as there are no stands with significant volumes of merchantable timber.

### **S2 Section**

No timber salvage is planned during construction of S2 section, as there are no stands with significant volumes of merchantable timber.

## 5.0 PLANNED ACTIVITIES

This section outlines the planned activities from November 15<sup>th</sup>, 2016 until November 15<sup>th</sup>, 2017 for the Project sites. The Project has many work sites including:

- Borrow Pits
- Work Areas
- Transmission Line ROW's
- Marshalling Yards
- Bypass Trails and Access Routes

The work sites listed above will only be cleared to the extent required for construction purposes. Manitoba Hydro has identified the maximum possible extent of clearing on the Clearing Map Book, however some sites will have limited actual clearing of work sites, these include:

- Borrow Pits have been identified within quarry leases, where deposits are expected to occur however, Manitoba Hydro may expand the borrow pits and/or develop access trails within the quarry lease boundary under the terms of the lease and associated work permits.

Clearing methods include:

- Blading – using bull dozer equipment to pile biomass for disposal
- Mulching – Excavator mounted rotary blade mowers(selective) and tracked mounted rotary drum mowers (broad)
- Selective harvest – using low impact harvest techniques such as feller buncher, and hand clearing using brush and chainsaws as prescribed on ESS map sheets within CEnvPP.

Disposal Methods include:

- Burning- disposal of biomass by pile and burning between November 15<sup>th</sup> and March 31<sup>st</sup>
- Salvage – disposal of merchantable timber to local milling operations or communities for firewood.
- Stock Piling – Manitoba Hydro is not planning to stock pile salvaged timber, however if it is required, locations would be determined in conjunction with SD Regional Foresters.

### 5.1 Access

Access to the construction components will be via the various existing access routes. Some trails may be developed within work sites to facilitate timber salvage and hauling. The Access Management Plans can be found at [https://www.hydro.mb.ca/projects/bipoleIII/document\\_library.shtml](https://www.hydro.mb.ca/projects/bipoleIII/document_library.shtml)

### 5.2 Contacts

Key contacts for Manitoba Hydro and its Contractors involved in this AHP are kept current and up to date in the CEnvPP found in local Manitoba Sustainable Development (SD) Regional and District offices.

### 5.3 Emergency Preparedness and Response Plans

Emergency Preparedness and Response Plans for Manitoba Hydro and its Contractors involved in this AHP

are kept current and up to date in the CEnvPP found in local Sustainable Development Regional and District offices. These plans will include fire protection measures outlined on SD Work Permits when clearing activities occur during the fire season (April 1 – November 15).

## 5.4 Regulatory Requirements

All relevant regulatory approvals for the Project will be obtained by Manitoba Hydro prior to construction. All documentation will be kept on-site by both the contractor and Manitoba Hydro personnel. Manitoba Hydro requires that its employees and contractors comply with all Federal and Provincial Regulatory requirements relating to the construction, operations and decommissioning of its projects and facilities. A complete list of Regulatory Approvals can be found in the applicable CEnvPP's found at [https://www.hydro.mb.ca/projects/bipoleIII/document\\_library.shtml](https://www.hydro.mb.ca/projects/bipoleIII/document_library.shtml)

## Appendix 1

# ACTUAL AND PLANNED TIMBER SALVAGE HARVEST VOLUMES AND STOCKPILES

## N2 Section- Timber Salvage Estimate

Section ID	General Area	AMP	Start- Easting	Start- Northing	Stop- Easting	Stop- Northing	Length (m)	Area (ha.)	Total vol (m3)	Total vol (cords)	Planned Destination	Status
N2- Stockpile	Massan Rail Siding	AMP-15	584387	6163376	584440	6163212	N/A	N/A	4500	1800	Sale to Gary Mosiondz	Complete
N2- Salvage 2A	N of Pikwitonei Rd	AMP-15b	595838	6180959	595687	6180561	N/A	N/A	300	120	Sale to Gary Mosiondz	Complete
N2- Salvage 2B	N of Pikwitonei Rd	AMP-15b	594962	6178574	594508	6177393	N/A	N/A	1000	400	Sale to Gary Mosiondz	Complete
N2- Salvage 2C	N of Pikwitonei Rd	AMP-15	594097	6171705	594069	6170928	N/A	N/A	1250	500	Sale to Gary Mosiondz	Complete
N2- Salvage 2D	N of Pikwitonei Rd	AMP-15	594063	6170923	594002	6169541	N/A	N/A	50	20	Sale to Gary Mosiondz	Complete
N2- Salvage 2E	N of Pikwitonei Rd	AMP-15	593866	6168643	593781	6168080	N/A	N/A	400	160	Pikwitonei/TBD	approx 200 m3 piled on the ROW
N2- Salvage 3	Teardrop Lake	AMP-15c	571886	6141854	571050	6141079	1343	7.52	940	376	Sale to Gary Mosiondz	Complete
N2- Salvage 4	S of KM21 S Jonas Rd	AMP-16	546203	6108716	546100	6108390	179	1.00	125	50	Sale to Gary Mosiondz	Complete
N2- Salvage 5	S of KM21 S Jonas Rd	AMP-16	546007	6108041	546024	6107924	N/A	N/A	325	130	TBD	approx 325 m3 piled on the ROW
N2- Salvage 6	W off of Sipiwesk Rd	AMP-17a	535116	6084003	534950	6083666	N/A	N/A	300	120	Sale to Gary Mosiondz	Complete
N2- Salvage 7	N of PR373	AMP-17b	530273	6075871	529422	6075897	N/A	N/A	200	80	Sale to Gary Mosiondz	Complete
N2- Salvage 8	N of PR373	AMP-18b	525148	6075493	524805	6075283	N/A	N/A	100	40	Sale to Gary Mosiondz	Complete
N2- Salvage 9	N of PR373	AMP-20b	517968	6072625	517052	6072508	N/A	N/A	100	40	Sale to Gary Mosiondz	Complete
N2- Salvage Total									9590	3836		

\*Approximately 9390 m3 solid (3756 cords) was sold to Gary Mosiondz who removed approximately 8,865 m3 solid (3546 cords) during the winter of 2015/16; ownership of the remaining 525 m3 solid (210 cords) has been returned to MH.

\*Approximately 200 m3 solid (80 cords) was hauled to the community of Pikwitonei during the winter of 2015/16.

\*A plan to utilize or dispose of the approximately 525 m3 solid (210 cords) of merchantable wood that remains piled on the ROW will be determined in discussion with regional Sustainable Development representatives.

## N4 Section- Timber Salvage Estimate

Section ID	General Area	AMP	Start- Easting	Start- Northing	Stop- Easting	Stop- Northing	Length (m)	Area (ha.)	Total vol (m3)	Total vol (cords)	Destination	Status
N4- Salvage 1A	Young Point	AMP-31	354918	5957921	354971	5957622	303	2.00	250	100	Public Stockpile- Freshford	Complete
N4- Salvage 2A	S of Red Deer River	AMP-42	363129	5858700	363069	5857939	763	5.04	535	214	SCN	Planned for early 2017
N4- Salvage 3A	S of Steeprock River	AMP-93	359738	5845933	359659	5844949	1003	6.62	980	392	Dawson Bay/Local TDL/P.U Permit	Complete
N4- Salvage 3B	S of Steeprock River	AMP-93	359635	5844058	359630	5843812	243	1.60	138	55	Dawson Bay/Local TDL/P.U Permit	Complete
N4- Salvage 4A	Moose Meadows	AMP-93	359611	5843178	359574	5841908	1269	8.38	900	360	RDL/Barrows/Baden	Complete
N4- Salvage 4B	Moose Meadows	AMP-93	359558	5841334	359526	5840291	1030	6.80	600	240	RDL/Barrows/Baden	Complete
N4- Salvage 5A	E of Mafeking	AMP-269/Plett	359488	5838940	359475	5838503	436	2.88	303	121	Bellsite 3291/MMF/P.U Permit	Complete
N4- Salvage 5B	E of Mafeking	Chamberlain	359602	5835344	359510	5836457	1093	7.21	958	383	SCN/MMF	Complete
N4- Salvage 5C	E of Mafeking	Chamberlain	359694	5833613	359520	5832851	790	5.21	790	316	MMF	Complete
N4- Salvage 6A	N of Bell River	AMP-286	359245	5831853	359149	5831496	359	2.37	278	111	WSFN	Complete
N4- Salvage 6B	N of Bell River	AMP-286	359075	5831234	358848	5830422	888	5.86	645	258	Dawson Bay/WSFN	Complete
N4- Salvage 6C	N of Bell River	AMP-286	358755	5830078	358678	5829795	285	1.88	200	80	WSFN	Complete
N4- Salvage 7A	Bellsite	AMP-290	358555	5828454	358675	5828355	169	1.12	100	40	Bellsite- 3290	TBD
N4- Salvage 7B	Bellsite	AMP-94B	359020	5828172	359878	5827714	945	6.24	828	331	Bellsite- 3292	TBD
N4- Salvage 7C	Bellsite	Railbed Access	361350	5826933	361619	5826791	297	1.96	310	124	Bellsite- 3291	TBD
N4- Salvage 8A	W of Wuskwi Siphk	Mile Road 145W	367994	5819803	367985	5819523	264	1.74	223	89	Bellsite- 3291	TBD
N4- Salvage 8B	W of Wuskwi Siphk	Mile Road 145W	367950	5818232	367940	5817883	338	2.23	265	106	Bellsite- 3291	TBD
N4- Salvage 9A	SE of Lenswood	AMP-378	372280	5798064	372343	5796932	1123	7.41	550	220	MMF	Complete
N4- Salvage 9B	SE of Lenswood	AMP-382	372346	5796799	372379	5796233	533	3.52	200	80	MMF	Complete
<b>N4- Salvage Total</b>									<b>80.06</b>	<b>9050</b>	<b>3620</b>	

\*There was approximately 642.5 m3 solid (257 cords) delivered to the community of Dawson Bay (SE-23-46-25W).

\*There was approximately 300 m3 solid (120 cords) delivered to the community of Red Deer Lake (NE-21-45-28W).

\*There was approximately 862.5 m3 solid (345 cords) delivered to the community of Barrows (SE-34-44-28W).

\*There was approximately 337.5 m3 solid (135 cords) delivered to the community of Baden (NE-7-44-26W).

\*There was approximately 897.5 m3 solid (359 cords) delivered to a Sapotaweyak Cree Nation stockpile (SW-21-44-25W).

\*There was approximately 892.5 m3 solid (357 cords) delivered to a Wuskwi Siphk First Nation stockpile (SW-36-40-25W).

\*There was approximately 1615 m3 solid (646 cords) delivered to MMF Elder Firewood Program stockpiles (SW-17-37-19W & SW-6-44-25W).

\*There was approximately 1952.5 m3 solid (781 cords) stockpiled for community use on the Bipole III ROW near Bellsite (SW-1-42-26W); any firewood remaining in 2017 will be removed to a TBD location prior to spring.

\*There was approximately 472.5 m3 solid (189 cords) whose ownership was transferred to a local licenced timber dealer.

\*There was approximately 292.5 m3 solid (117 cords) removed by local Personal Use Permit holders from timber salvage areas other than the community use stockpiles on the Bipole III ROW near Bellsite.



### C1 Section- Timber Salvage Estimate

Section ID	General Area	AMP	Start- Easting	Start- Northing	Stop- Easting	Stop- Northing	Length (m)	Area (ha.)	Total vol (m3)	Total vol (cords)	Destination	Status
C1- Salvage 3B	SE of Cowan	AMP-50	399114	5760180	399750	5759105	1250	7.00	475	190	PCFN/DB/C/DZI	Complete
C1- Salvage 6A	SE of Pulp River	AMP-4126	412487	5737510	412776	5737031	564	3.16	223	89	LP	Complete
C1- Salvage 6B	SE of Pulp River	AMP-121B	412919	5736790	413847	5735219	1800	10.08	680	272	LP/Winnipegosis	Complete
C1- Salvage 6C	SE of Pulp River	AMP-121C	414826	5733555	415080	5733124	496	2.78	180	72	LP	Complete
C1- Salvage 6F	SE of Pulp River	AMP-121C	416124	5731357	416238	5731163	224	1.25	90	36	LP	Complete
C1- Salvage 7A	W of Winnipegosis	Owik Rd	423539	5723095	423661	5723036	137	0.77	77	31	PCFN	Complete
C1- Salvage 7B	W of Winnipegosis	Owik Rd	423823	5722959	424052	5722849	255	1.43	143	57	PCFN	Complete
C1- Salvage 7C	W of Winnipegosis	Owik Rd	424116	5722818	424594	5722588	537	3.01	301	120	PCFN	Complete
C1- Salvage 7D	W of Winnipegosis	South Bay Rd	426673	5721597	427100	5721393	480	2.69	269	108	LP	Complete
C1- Salvage 8A	S of Winnipegosis	AMP-55RT	435935	5717150	436300	5716995	402	2.25	225	90	LP	Complete
C1- Salvage 9A	S of Winnipegosis	Mile Rd 102W	439505	5715393	439979	5715102	497	2.78	278	111	LP	Complete
C1- Salvage 9B	S of Winnipegosis	Mile Rd 102W	440262	5714909	440697	5714622	501	2.81	281	112	LP	Complete
C1- Salvage 10A	S of Volga	AMP-122B	445975	5709732	446219	5709447	350	1.96	150	60	LP/Sliworsky	Complete
C1- Salvage 10B	S of Volga	AMP-122B	446541	5709087	446773	5708834	350	1.96	150	60	LP	Complete
C1- Salvage 10C	S of Volga	AMP-122B	447093	5708471	447425	5708121	478	2.68	177	71	LP	Complete
C1- Salvage 11A	NW of Rorketon	AMP-57RT	450636	5704597	450758	5704510	150	0.84	84	34	LP	Complete
C1- Salvage 11B	NW of Rorketon	AMP-57RT	450813	5704471	451343	5704098	614	3.44	352	141	LP/Rorketon	Complete
C1- Salvage 11C	NW of Rorketon	AMP-57RT	452039	5703584	452346	5703370	441	2.47	247	99	LP	Complete
C1- Salvage 11D	NW of Rorketon	AMP-57RT	454324	5701998	454779	5701677	556	3.11	311	125	LP	Complete
C1- Salvage 11E	NW of Rorketon	AMP-57RT	455413	5701230	455816	5700947	492	2.76	276	110	LP	Complete
C1- Salvage 12B1	E of Rorketon	Mile Rd 164N	466595	5693350	466896	5693139	364	2.04	204	82	LP	Complete
<b>C1- Salvage Total</b>									<b>61.25</b>	<b>5171</b>	<b>2068</b>	

\*There was approximately 2519 m3 solid (1008 cords) delivered during the winter of 2014/15 and approximately 1617 m3 solid (647 cords) delivered during the winter of 2015/16 to LP.

\*There was approximately 521 m3 solid (208 cords) delivered during the winter of 2014/15 and approximately 263 m3 solid (105 cords) delivered during the winter of 2015/16 to Pine Creek First Nation.

\*There was approximately 12 m3 solid (5 cords) delivered during the winter of 2014/15 and approximately 23 m3 solid (9 cords) delivered during the winter of 2015/16 to Winnipegosis.

\*There was approximately 88 m3 solid (35 cords) delivered during the winter of 2015/16 to Duck Bay.

\*There was approximately 88 m3 solid (35 cords) delivered during the winter of 2015/16 to Camperville.

\*There was approximately 7.5 m3 solid (3 cords) delivered during the winter of 2015/16 to Rorketon.

\*There was approximately 37.5 m3 solid (15 cords) delivered during the winter of 2015/16 to Jessie Dzikowski (E 1/2-12-35-22W).

\*There was approximately 10 m3 solid (4 cords) delivered during the winter of 2015/16 to Victor Sliworsky (S 1/2-4-30-17W).

## C2 Section- Timber Salvage Estimate

Section ID	General Area	AMP	Start- Easting	Start- Northing	Stop- Easting	Stop- Northing	Length (m)	Area (ha.)	Total vol (m3)	Total vol (cords)	Destination	Status
SW-36-27-14W	NW of Cayer	AMP-123	478486	5689266	478761	5688414	657	3.68	223	89	Russell Murray	Complete
W1/2-2-25-13W	N of Eddystone	Mile Rd 144N	486388	5664734	486558	5664207	505	2.83	290	116	E&F FN/Crane River	Complete
SE-6-24-12W	S of Eddystone	AMP-61RT	491018	5654417	491169	5654151	305	1.71	90	36	Vince Wilkinson	Complete
C2- Salvage 1A-1C	SW of Ebb and Flow	AMP-61RT	491271	5653972	491618	5653361	591	3.31	306	122	E&F FN/Skownan	Complete
SW-2-23-12W	W of Pedro Lake	Mile Rd 131N	496530	5644719	496854	5644144	663	3.71	510	204	E&F FN/Skownan	Complete
SW-35-22-12W	S of Pedro Lake	Mile Rd 131N	497383	5643217	497605	5642827	450	2.52	615	246	E&F FN/Skownan/Kinosota	Complete
NW-24-22-12W	W of Jarvies Lake	Mile Rd 131N	498743	5640825	499182	5640053	600	3.36	240	96	E&F FN/Lk MB FN	Complete
C2- Salvage 2A-2D	N of Alonsa	Church Road	502000	5635223	502850	5634455	1644	9.21	1425	570	CRFN/SFN/Lk MB FN/SBFN	Complete
C2- Salvage Total									30.32	3699	1480	

\*There was approximately 816 m3 solid (326.4 cords) delivered to Ebb and Flow First Nation during the winter of 2014/15.

\*There was approximately 230 m3 solid (92 cords) delivered during the winter of 2014/15 and approximately 120 m3 solid (48 cords) delivered during the winter of 2015/16 to Crane River First Nation.

\*There was approximately 270 m3 solid (108 cords) delivered during the winter of 2014/15 and approximately 270 m3 solid (108 cords) delivered during the winter of 2015/16 to Skownan First Nation.

\*There was approximately 210 m3 solid (84 cords) delivered during the winter of 2014/15 and approximately 390 m3 solid (156 cords) delivered during the winter of 2015/16 to Lake Manitoba First Nation.

\*There was approximately 645 m3 solid (258 cords) delivered during the winter of 2015/16 to Sandy Bay First Nation.

\*There was approximately 435 m3 solid (174 cords) delivered during the winter of 2015/16 to Kinosota (RM of Alonsa).

\*There was approximately 223 m3 solid (89.2 cords) delivered to Crown lease holder Russell Murray (SW-36-27-14W) during the winter of 2014/15 after he requested all timber being harvested on his leased land.

\*There was approximately 90 m3 solid (36 cords) delivered to Crown lease holder Vince Wilkinson (SE-6-24-12W) during the winter of 2014/15 after he requested all timber being harvested on his leased land.