Community Engagement Summary
Mosakahiken Cree Nation

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter from Manitoba Hydro requesting an Introductory Bipole III meeting with leadership
April 17, 2008	Introductory meeting with leadership
August 15, 2008	Letter from Manitoba Hydro providing information about regional introductory public open houses and suggesting that a community open house be planned in the community
February 3, 2009	Round 2 Community Open House
May 26, 2009	Letter from Manitoba Hydro requesting participation in the ATK process
August 24, 2009	Letter indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a community open house in Mosakahiken Cree Nation
November 12, 2009	Round 3 Community Open House
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary preferred route for Bipole III
November 5, 2010	Letter from Manitoba Hydro with enclosed copies of resource materials used for the Bipole III project, two section maps, one large map, a sample agenda for an Aboriginal Traditional Knowledge (ATK) workshop, and an ATK presentation
January 4, 2011	Letter from Manitoba Hydro requesting a community open house or meeting
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project
March 29, 2012	Letter requesting a meeting to discuss the Environmental Protection Program (EPP)
May 10, 2012	Bipole III EPP presentation to the Community
August 14, 2012	Follow up letter from Manitoba Hydro after the EPP meeting

July 16, 2014	Manitoba Hydro sent a letter including the notes from the May 10, 2012 EPP meeting to the community. The letter included a link to documents that may be of interest to the community including: • Transmission Access Management Plan, • Bipole III Project Environmental Protection Plan, • Bipole III Transmission Line Construction Environmental Protection Plan (CEnvPP) Segment N3 and N4 • Culture and Heritage Resource Protection Plan The letter also included a copy of the sample questionnaire that Manitoba Hydro uses to assist with developing a community appropriate protocol for the Culture and Heritage Resource Protection Plan. A copy of the Access Management brochure was also enclosed

Category	Summary of Information	Response and/or Mitigation	EPP Component
Access	There were concerns expressed that the decommissioning of access roads for environmental purposes should not just consist of piling debris in the way.	A Decommissioning Plan will be prepared by Manitoba Hydro to manage decommissioning activities for the Project that will be in accordance with environmental protection measures, provincial guidelines and corporate policies for decommissioning.	Access Management Plan
Caribou	Chief Buck asked when discussing the protection of traditional areas and wildlife why Manitoba Hydro is only discussing caribou. Caribou is not an animal that is part of the community's diet, moose is.	In response to the question, boreal woodland caribou are listed under the Species at Risk Act (SARA) and the Manitoba Endangered Species Act (MESA) as threatened. As a result of the legislation, Manitoba Hydro is required to monitor for potential adverse effects on woodland caribou. In addition to the legal requirements, caribou are also recognized as being sensitive to changes in habitat that involve the potential loss or alteration of calving and wintering areas. Manitoba Hydro acknowledges concerns regarding the potential impact of the project on moose. The following mitigation measures will be applied to moose in the Local Study Area in addition to general mitigation measures: • In the northern areas disturbances from construction activities will occur during winter, which will avoid the sensitive parturition period near potential moose	Biophysical Monitoring Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		calving sites such as bogs and wetlands. • Pre-construction surveys will be completed to identify and locate mineral licks. • Specific prescriptions will be developed based on site and environmental conditions. • Hunting by Project personnel at project sites will be prohibited. • Firearms will be restricted in work camps and access to Project site by hunters during construction limited to minimize moose mortality.	
EMFs	Concerns re: EMFs	Based on reviews by national and international scientific agencies there are no known adverse health effects associated with EMF from ac or dc transmission lines.	
Monitoring	There was a question whether Manitoba Hydro would sponsor a long-term community position for an environmental monitor for the project.	Manitoba Hydro considered the request from the community.	

Category	Summary of Information	Response and/or Mitigation	EPP Component
Moose	The community is concerned with the low moose population in the area. With the completion of Bipole III, others will have access to the presently inaccessible land where much of the moose dwell. There was concern expressed that this will pose a risk for the moose population. There was a question regarding whether there is a plan in place to deal with the potential effect on moose.	Natural terrain conditions, remoteness and private property restrictions are expected to limit traffic on the Bipole III Transmission Project ROW at all times of the year but, in particular, during the non-frozen ground period. Opportunities will increase during the frozen ground period and although anticipated traffic levels are expected to be low, the following strategies have been identified and are currently being developed for inclusion in the Access Management Plan to minimize potential access opportunities to the ROW and to address issues of safety and system reliability: • Education and communication (e.g., public, stakeholders, between maintenance crews and resource users, etc.); • Strategies to retain desirable species on the ROW that create beneficial habitat and limit line of sight; • Timing windows for operations and maintenance activities particularly in environmentally sensitive sites; • Maintenance of riparian buffers and wildlife corridors during the operations and maintenance (O & M) phase;	Access Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		• Case by case assessment and evaluation, in conjunction with Manitoba Conservation and Water Stewardship, of applications for ROW use for industrial and recreational purposes; • Assessment of access for decommissioning if not required for O & M.	
Non-native plants	It was mentioned that non-native plants have been introduced in the past in this area. It was questioned whether this was going to happen again with Bipole III.	Manitoba Hydro will require that all equipment be washed and cleaned of debris prior to commencing work in a new location. This will minimize the transfer of noxious weeds or non-native plants.	
Vegetation management	The community is concerned about the use of pesticides for vegetation management. It was indicated that the community thinks vegetation should be hand cleared.	Manitoba Hydro held an EPP workshop with the community to identify sensitive sites and will consider non-chemical vegetation management in clearly identified sensitive sites that contain plants that are of importance to Aboriginal harvesters.	Vegetation Management Plan

Community Engagement Summary
National Mills Community Council

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter from Manitoba Hydro requesting an Introductory Bipole III meeting with leadership
May 21, 2008	Meeting with leadership
August 15, 2008	Letter from Manitoba Hydro providing information about regional introductory public open houses and suggesting that a community open house be planned in the community
November 3, 2008	Round 2 Community Open House
May 26, 2009	Letter from Manitoba Hydro requesting participation in the ATK process
August 24, 2009	Letter indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a community open house
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary preferred route for Bipole III.
November 24, 2010	Round 4 Community Open House
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project
June 5, 2014	EPP meeting in Barrows and representatives from National Mills were invited to attend

Category	Summary of Information	Response and/or Mitigation	EPP Component
Access	Concerns regarding the increased human presence and vehicle access in the area; may affect hunting and trapping around the community. Concerns that snowmobile groups would groom and use the Bipole III corridor, which might affect local trappers.	Natural terrain conditions, remoteness and private property restrictions are expected to limit traffic on the Bipole III Transmission Project ROW at all times of the year but, in particular, during the non-frozen ground period. Opportunities will increase during the frozen ground period and although anticipated traffic levels are expected to be low, the following strategies have been identified and are currently being developed for inclusion in the Access Management Plan to minimize potential access opportunities to the ROW and to address issues of safety and system reliability: • Education and communication (e.g., public, stakeholders, between maintenance crews and resource users, etc.); •Strategies to retain desirable species on the ROW that create beneficial habitat and limit line of sight; •Timing windows and logistic for operations and maintenance activities particularly in environmentally sensitive sites; • Maintenance of riparian buffers and wildlife corridors during the operations and maintenance (O & M) phase;	Access Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		• Case by case assessment and evaluation, in conjunction with Manitoba Conservation and Water Stewardship, of applications for ROW use for industrial and recreational purposes; • Assessment of access for decommissioning if not required for O & M.	
Comment	Believes that the project will have a destructive affect, killing plant and animal species. Individual is unsure how to prevent this sort of damage from happening.	All construction activities will be monitored by a Manitoba Hydro environmental inspector to ensure compliance with the Environment Act licence and the Environmental Protection Plan.	Construction Environmental Monitoring Plan
EMFs	Concern regarding the effects of EMFs and their connection with health problems.	Based on reviews by national and international scientific agencies there are no known adverse health effects associated with EMF from ac or dc transmission lines.	
Erosion	Concerns regarding the erosion at river crossings. If the line crosses Red Deer River, how this would affect the fish and waterfowl.	Erosion and sediment control plans will be required by the contractors working on the construction site in areas that may be susceptible to erosion or sediment loading.	Construction Environmental Monitoring Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
Forestry	Comment: a 66 metre ROW removes a large amount of lumber.	Where demand exists, cleared timber that is not otherwise practically salvageable, will be made available to communities for fuelwood. Manitoba Conservation is responsible for timber allocation on Crown lands. Within those areas under FMLs, the Licensee has the first right to all merchantable timber under license. Manitoba Hydro will endeavour to salvage merchantable timber where practical to do so.	
Noise	Concerned that noise emitted by the hydro line may scare off animals from the area.	Not all wildlife species are sensitive to the low hum of power lines which, under certain weather conditions, can be noticeable to people. Based on experience in previous projects, it appears unlikely that line noise results in any significant effects to wildlife. Anecdotal information from transmission line construction workers and trail cameras on the ROW suggest transmission line noise has not deterred caribou, moose and other animals from feeding along transmission line rights of way. The Wuskwatim Trapping Pilot Study and ongoing Caribou GPS collar monitoring of the Wuskwatim ROW further demonstrate the continued use of the ROWs once in operation.	Biophysical Monitoring Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
Trapping	Interest regarding the Trapper Compensation Policy.	Manitoba Hydro has a Trappers Notification and Compensation Policy that compensates trappers for disturbances while clearing and constructing transmission lines greater than 115kV in capacity. In the case of the Bipole III Transmission Project, the implementation of the Policy is underway and will include discussions with individual registered trappers and users of Open Trapping Zones.	Socio-Economic Monitoring Plan
Vegetation management	Concerns regarding the use of sprays along lines and related impacts on the waterways; would like to see maintenance done without the use of chemicals.	For maintenance, Manitoba Hydro uses Integrated Vegetation Management (IVM) that involves a written management plan that utilizes best management practices endorsed by the North American Transmission Forum. Prior to vegetation management, rights of way are patrolled and management methods are selected. Methods are determined according to safety, health, environmental sensitivities, efficiency and cost. Methods of control include chainsaws, brush saws, mechanical mowing/ mulching, herbicide applications, and land-use conversion. Manitoba Hydro will consider non-chemical vegetation management in clearly identified sensitive sites that contain	Vegetation Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		plants of importance to resource harvesters.	
Vegetation management	Concerned that if the connector line is built between Red Deer Lake and the Porcupine Hills, Manitoba Hydro might spray chemicals along the line, negatively affecting the waterways that run through the region.	The Bipole III Transmission Project does not include a connector line between Red Deer Lake and the Porcupine Hills.	Vegetation Management Plan

Community Engagement Summary
O-Chi-Chak-Ko-Sipi First Nation

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter requesting an introductory Bipole III meeting with Chief and Council
May 6, 2008	Introductory meeting
August 15, 2008	Letter providing information about regional introductory public open houses and suggesting that a community open house be planned in the community
October 19, 2008	Poster informing community of open house
October 29, 2008	Community open house
May 26, 2009	Letter on Bipole III site selection and environmental assessment process and inclusion of ATK
August 18, 2009	Letter indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a community open house
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary preferred route for Bipole III
August 30, 2010	Bipole III Transmission Project: Round Four preliminary preferred route letter
December 9, 2010	Round Four leadership meeting with O-Chi-Chak-Ko-Sipi First Nation
December 14, 2010	In response to a request during the leadership meeting, a letter including a proposed agenda for a Traditional Knowledge Workshop was sent to the community
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project.
November 20, 2012	Fax requesting meeting to discuss proposed route adjustments

During previous discussions with O-Chi-Chak-Ko-Sipi First Nation, Manitoba Hydro did not note any EPP related concerns. Please refer to the Treaty 2 Engagement Summary as they are representing O-Chi-Chak-Ko-Sipi First Nation for the Environmental Protection Program (EPP) meetings.

Community Engagement Summary
Pine Creek First Nation

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter requesting an introductory Bipole III meeting with Chief and Council
June 19, 2008	Introductory meeting
August 15, 2008	Letter providing information about regional introductory Public Open Houses and requesting that a Community Open House be planned in Pine Creek
December 11, 2008	Community Open House
May 26, 2009	Letter requesting participation in the ATK process
August 24, 2009	Letter indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a Community Open House in Pine Creek First Nation
November 5, 2009	Round Three Community Open House
November 5, 2009	Poster informing community of Open House
January 24, 2011	Letter requesting a Community Open House and/or meeting to discuss the preferred route
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project.
December 5, 2012	Pine Creek Leadership meeting
December 18, 2012	Pine Creek Leadership meeting
August 23, 2013	Meeting to plan for the EPP meeting and workshop in the community including the involvement of EPP experts
December 17, 2013	EPP meeting in Pine Creek First Nation to provide overview of the EPP to the community and to identify additional sensitive sites to include in the EPP
January 8, 2014	EPP meeting in Winnipeg to provide overview of the EPP to the off-reserve community members and to identify additional sensitive sites to include in the EPP

July 16, 2014	Manitoba Hydro sent a letter to the community along with the notes from the December 17, 2013 and January 8, 2014 EPP meetings. The letter included a link to documents that may be of interest to the community including: • Transmission Access Management Plan, • Bipole III Project Environmental Protection Plan, • Bipole III Transmission Line Construction Environmental Protection Plan (CEnvPP) Segments C1 and N4 and • Culture and Heritage Resource Protection Plan. The letter also included a copy of the sample questionnaire that Manitoba Hydro uses to assist with developing a community appropriate protocol for the Culture and Heritage Resource Protection Plan. A copy of the Access Management brochure was also enclosed.

Category	Summary of Community Feedback	Response and/or Mitigation	EPP Component
Access	Concerns regarding traffic. Question regarding the construction of roads along the transmission line.	Natural terrain conditions, remoteness and private property restrictions are expected to limit traffic on the Bipole III Transmission Project ROW at all times of the year but, in particular, during the non-frozen ground period. Opportunities will increase during the frozen ground period and although anticipated traffic levels are expected to be low, the following strategies have been identified and are currently being developed for inclusion in the Access Management Plan to minimize potential access opportunities to the ROW and to address issues of safety and system reliability: • Education and communication (e.g., public, stakeholders, between maintenance crews and resource users, etc.); •Timing windows and logistic for operations and maintenance activities particularly in environmentally sensitive sites; • Case by case assessment and evaluation, in conjunction with Manitoba Conservation and Water Stewardship, of applications for ROW use for industrial and recreational purposes; • Assessment of access for decommissioning if not required for Operations & Maintenance.	Access Management Plan

Category	Summary of Community Feedback	Response and/or Mitigation	EPP Component
		Very little, if any new access road construction is anticipated to be required due to Manitoba Hydro undertaking a preliminary construction access review.	
ATK	Pine Creek First Nation representatives expressed concerns regarding the ATK that was collected for Bipole III and a sense of futility with their participation in the ATK workshop. They feel as though they will not be heard and the line will go up regardless. The community wants to redo their ATK. Pine Creek First Nation indicated that only 4 or 5 families were represented out of 26 families residing in Pine Creek First Nation. There were concerns expressed that some of the representatives were not from Pine Creek. The interviews were conducted in coffee talk manner and Pine Creek First Nation indicated that they were not professional. There was no amount of trust built between community members and	The knowledge shared during the ATK workshop was incorporated into the selection of the preferred route and the sensitive site identified by the community will be included in the Environmental Protection Plan for the project. As the environmental assessment process for the project has been completed, funding is no longer available for conducting ATK studies. Manitoba Hydro understands the importance of identifying and protecting sensitive sites and would like to work with the community to set up a two day EPP process to review the mitigation and monitoring plans Manitoba Hydro intends to put into place, identify any unrecorded sensitive sites and to discuss specific mitigation and monitoring activities that relate to the concerns raised by community.	Project Environmental Project Plan

Category	Summary of Community Feedback	Response and/or Mitigation	EPP Component
	interviewers. It seems that few if any community elders were included. At the CEC hearings, the community expressed the view that the ATK collected for this project was not valid. Pine Creek First Nation cannot get support from the community to do EPP meeting until the ATK is redone. The community would like to start doing TK work immediately.		
Berries	The view was expressed that the Bipole III transmission line should avoid the blueberry patch.	Manitoba Hydro plans to hold an EPP workshop with the community that includes mapping to identify sensitive sites where plants that are of importance to the community are located. Manitoba Hydro will consider non-chemical vegetation management in those sites.	Vegetation Management Plan

Category	Summary of Community Feedback	Response and/or Mitigation	EPP Component
Construction	Expressed a desire that the land remain as undisturbed as possible for future generations during the construction of the transmission line.	An Environmental Protection Program will be put in place which includes: Environmental Protection, Access Management, Cultural and Heritage Resources Protection, Biophysical Monitoring and Socio-Economic Monitoring plans. All construction activities will be monitored by an environmental inspector to ensure compliance with the Environment Act licence and the Environmental Protection Plan.	Project Environmental Project Plan
	Instead of burning wood and other debris should use mulchers	Burning will have to occur as burying and mulching are not viable alternatives for clearing the entire line.	Project Environmental Project Plan
EMFs	Concerns regarding the affects of EMFs on people, plants and wildlife.	Based on reviews by national and international scientific agencies, there are no known adverse health effects associated with EMF from AC or DC transmission lines.	
Forestry	Question regarding the use of lumber cleared for transmission lines.	Any available timber will allocated on a case-by-case basis taking into account that the forestry company holding the FML has the right of first refusal on that timber. If they relinquished their rights to this timber, it may become available for the contractor or local communities. Timber that is not used by the contractor or local communities will be disposed of on-site.	Socio-Economic Monitoring Plan

Category	Summary of Community Feedback	Response and/or Mitigation	EPP Component
Trapping	Concerns regarding trappers	Manitoba Hydro has a Trappers Notification and Compensation Policy that compensates trappers for disturbances while clearing and constructing transmission lines greater than 115kV in capacity. The implementation of the Policy is for the Bipole III Project is underway and will include discussions with individual registered trappers and users of Open Trapping Zones. Manitoba Hydro is also developing a trapping monitoring program for the Project.	Socio-Economic Monitoring Plan
Vegetation management	Concern regarding the use of chemicals for vegetation management. The community does not want chemicals used for vegetation management for fears that it will affect their medicinal plants.	Manitoba Hydro will work with the community to identify sites that contain plants of importance to the community and will consider non-chemical vegetation management.	Vegetation Management Plan
Water	Concerns regarding potential effects on watershed	Surface and groundwater quality will not be degraded whether or not they contain fish. Buffers and setbacks, erosion and sedimentation control measures and stream crossing measures will be utilized. All construction activities will be monitored by an environmental inspector to ensure compliance with the Environment Act licence	Project Environmental Project Plan

Category	Summary of Community Feedback	Response and/or Mitigation	EPP Component
		and the Environmental Protection Plan. Manitoba Hydro has studied the potential effects of the project on the watershed, the resulting clearing will not have a measurable effect on the watershed flooding potential.	

Community Engagement Summary
Powell Community Council

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter requesting an introductory Bipole III Meeting with leadership
May 21, 2008	Meeting with leadership
August 15, 2008	Letter providing information about regional introductory public open houses and suggesting that a community open house be planned in the community
November 3, 2008	Round 2 Community Open House
May 26, 2009	Letter requesting participation in the ATK process
August 24, 2009	Letter indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a community open house
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary preferred route for Bipole III.
November 24, 2010	Round 4 Community Open House
December 8, 2010	Letter informing the community of the preliminary preferred route
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project
June 5, 2014	EPP meeting in Barrows and representatives from Powell were invited to attend

Category	Summary of Information	Response and/or Mitigation	EPP Component
Access	Concerns regarding the increased human presence and vehicle access in the area; may affect hunting and trapping around the community. Concerns that snowmobile groups would groom and use the Bipole III corridor, which might affect local trappers.	Natural terrain conditions, remoteness and private property restrictions are expected to limit traffic on the Bipole III Transmission Project ROW at all times of the year but, in particular, during the non-frozen ground period. Opportunities will increase during the frozen ground period and although anticipated traffic levels are expected to be low, the following strategies have been identified and are currently being developed for inclusion in the Access Management Plan to minimize potential access opportunities to the ROW and to address issues of safety and system reliability: • Education and communication (e.g., public, stakeholders, between maintenance crews and resource users, etc.); •Strategies to retain desirable species on the ROW that create beneficial habitat and limit line of sight; •Timing windows and logistic for operations and maintenance activities particularly in environmentally sensitive sites; • Maintenance of riparian buffers and wildlife corridors during the operations and maintenance (O & M) phase;	Access Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		• Case by case assessment and evaluation, in conjunction with Manitoba Conservation and Water Stewardship, of applications for ROW use for industrial and recreational purposes; • Assessment of access for decommissioning if not required for O & M.	
Comment	Believes that the project will have a destructive affect, killing plant and animal species. Individual is unsure how to prevent this sort of damage from happening.	All construction activities will be monitored by a Manitoba Hydro environmental inspector to ensure compliance with the Environment Act licence and the Environmental Protection Plan.	Construction Environmental Monitoring Plan
EMFs	Concern regarding the effects of EMFs and their connection with health problems.	Based on reviews by national and international scientific agencies there are no known adverse health effects associated with EMF from ac or dc transmission lines.	
Erosion	Concerns regarding the erosion at river crossings. If the line crosses Red Deer River, how this would affect the fish and waterfowl.	Erosion and sediment control plans will be required by the contractors working on the construction site in areas that may be susceptible to erosion or sediment loading.	Construction Environmental Monitoring Plan
Forestry	Comment: a 66 metre ROW removes a large amount of lumber.	Where demand exists, cleared timber that is not otherwise practically salvageable, will be made available to communities for fuelwood. Manitoba Conservation is responsible for timber allocation on Crown lands. Within	

Category	Summary of Information	Response and/or Mitigation	EPP Component
		those areas under FMLs, the Licensee has the first right to all merchantable timber under license. Manitoba Hydro will endeavour to salvage merchantable timber where practical to do so.	
Noise	Concerned that noise emitted by the hydro line may scare off animals from the area.	Not all wildlife species are sensitive to the low hum of power lines which, under certain weather conditions, can be noticeable to people. Based on experience in previous projects, it appears unlikely that line noise results in any significant effects to wildlife. Anecdotal information from transmission line construction workers and trail cameras on the ROW suggest transmission line noise has not deterred caribou, moose and other animals from feeding along transmission line rights of way. The Wuskwatim Trapping Pilot Study and ongoing Caribou GPS collar monitoring of the Wuskwatim ROW further demonstrate the continued use of the ROWs once in operation.	Biophysical Monitoring Plan
Trapping	Interest regarding the Trapper Compensation Policy.	Manitoba Hydro has a Trappers Notification and Compensation Policy that compensates trappers for disturbances while clearing and constructing transmission lines greater than 115kV in capacity. In the case of the Bipole III	Socio-Economic Monitoring Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		Transmission Project, the implementation of the Policy is underway and will include discussions with individual registered trappers and users of Open Trapping Zones.	
Vegetation management	Concerns regarding the use of sprays along lines and related impacts on the waterways; would like to see maintenance done without the use of chemicals.	For maintenance, Manitoba Hydro uses Integrated Vegetation Management (IVM) that involves a written management plan that utilizes best management practices endorsed by the North American Transmission Forum. Prior to vegetation management, rights of way are patrolled and management methods are selected. Methods are determined according to safety, health, environmental sensitivities, efficiency and cost. Methods of control include chainsaws, brush saws, mechanical mowing/ mulching, herbicide applications, and land-use conversion. Manitoba Hydro will consider non-chemical vegetation management in clearly identified sensitive sites that contain plants of importance to resource harvesters.	Vegetation Management Plan
Vegetation management	Concerned that if the connector line is built between Red Deer Lake and the Porcupine Hills, Manitoba Hydro might spray	The Bipole III Transmission Project does not include a connector line between Red Deer Lake and the Porcupine Hills.	Vegetation Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
	chemicals along the line, negatively affecting the waterways that run through the region.		

Community Engagement Summary
Red Deer Lake Community Council

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter requesting an Introductory Bipole III meeting with leadership
May 21, 2008	Meeting with leadership
August 15, 2008	Letter from Manitoba Hydro providing information about regional introductory public open houses and suggesting that a community open house be planned in the community
November 3, 2008	Round 2 Community Open House
May 26, 2009	Letter from Manitoba Hydro requesting participation in the ATK process
August 24, 2009	Letter indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a community open house
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary preferred route for Bipole III.
November 24, 2010	Round 4 Community Open House
December 8, 2010	Letter informing the community of the preliminary preferred route
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project
June 5, 2014	EPP meeting in Barrows and representatives from Red Deer Lake were invited to attend

Category	Summary of Information	Response and/or Mitigation	EPP Component
Access	Concerns regarding the increased human presence and vehicle access in the area; may affect hunting and trapping around the community. Concerns that snowmobile groups would groom and use the Bipole III corridor, which might affect local trappers.	Natural terrain conditions, remoteness and private property restrictions are expected to limit traffic on the Bipole III Transmission Project ROW at all times of the year but, in particular, during the non-frozen ground period. Opportunities will increase during the frozen ground period and although anticipated traffic levels are expected to be low, the following strategies have been identified and are currently being developed for inclusion in the Access Management Plan to minimize potential access opportunities to the ROW and to address issues of safety and system reliability: • Education and communication (e.g., public, stakeholders, between maintenance crews and resource users, etc.); •Strategies to retain desirable species on the ROW that create beneficial habitat and limit line of sight; •Timing windows and logistic for operations and maintenance activities particularly in environmentally sensitive sites; • Maintenance of riparian buffers and wildlife corridors during the operations and maintenance (O & M) phase;	Access Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		• Case by case assessment and evaluation, in conjunction with Manitoba Conservation and Water Stewardship, of applications for ROW use for industrial and recreational purposes; • Assessment of access for decommissioning if not required for O & M.	
Comment	Believes that the project will have a destructive affect, killing plant and animal species. Individual is unsure how to prevent this sort of damage from happening.	All construction activities will be monitored by a Manitoba Hydro environmental inspector to ensure compliance with the Environment Act licence and the Environmental Protection Plan.	Construction Environmental Monitoring Plan
EMFs	Concern regarding the effects of EMFs and their connection with health problems.	Based on reviews by national and international scientific agencies there are no known adverse health effects associated with EMF from ac or dc transmission lines.	
Erosion	Concerns regarding the erosion at river crossings. If the line crosses Red Deer River, how this would affect the fish and waterfowl.	Erosion and sediment control plans will be required by the contractors working on the construction site in areas that may be susceptible to erosion or sediment loading.	Construction Environmental Monitoring Plan
Forestry	Comment: a 66 metre ROW removes a large amount of lumber.	Where demand exists, cleared timber that is not otherwise practically salvageable, will be made available to communities for fuelwood. Manitoba Conservation is responsible for timber allocation on Crown lands. Within	

Category	Summary of Information	Response and/or Mitigation	EPP Component
		those areas under FMLs, the Licensee has the first right to all merchantable timber under license. Manitoba Hydro will endeavour to salvage merchantable timber where practical to do so.	
Noise	Concerned that noise emitted by the hydro line may scare off animals from the area.	Not all wildlife species are sensitive to the low hum of power lines which, under certain weather conditions, can be noticeable to people. Based on experience in previous projects, it appears unlikely that line noise results in any significant effects to wildlife. Anecdotal information from transmission line construction workers and trail cameras on the ROW suggest transmission line noise has not deterred caribou, moose and other animals from feeding along transmission line rights of way. The Wuskwatim Trapping Pilot Study and ongoing Caribou GPS collar monitoring of the Wuskwatim ROW further demonstrate the continued use of the ROWs once in operation.	Biophysical Monitoring Plan
Trapping	Interest regarding the Trapper Compensation Policy.	Manitoba Hydro has a Trappers Notification and Compensation Policy that compensates trappers for disturbances while clearing and constructing transmission lines greater than 115kV in capacity. In the case of the Bipole III	Socio-Economic Monitoring Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		Transmission Project, the implementation of the Policy is underway and will include discussions with individual registered trappers and users of Open Trapping Zones.	
Vegetation management	Concerns regarding the use of sprays along lines and related impacts on the waterways; would like to see maintenance done without the use of chemicals.	For maintenance, Manitoba Hydro uses Integrated Vegetation Management (IVM) that involves a written management plan that utilizes best management practices endorsed by the North American Transmission Forum. Prior to vegetation management, rights of way are patrolled and management methods are selected. Methods are determined according to safety, health, environmental sensitivities, efficiency and cost. Methods of control include chainsaws, brush saws, mechanical mowing/ mulching, herbicide applications, and land-use conversion. Manitoba Hydro will consider non-chemical vegetation management in clearly identified sensitive sites that contain plants of importance to resource harvesters.	Vegetation Management Plan
Vegetation management	Concerned that if the connector line is built between Red Deer Lake and the Porcupine Hills, Manitoba Hydro might spray	The Bipole III Transmission Project does not include a connector line between Red Deer Lake and the Porcupine Hills.	Vegetation Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
	chemicals along the line, negatively affecting the waterways that run through the region.		

Community Engagement Summary
Rolling River First Nation

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter from Manitoba Hydro requesting an Introductory Bipole III meeting with Chief and Council
June 4, 2008	Introductory meeting with leadership
August 15, 2008	Letter from Manitoba Hydro providing information about regional introductory public open houses and suggesting that a community open house be planned in Rolling River First Nation
May 8, 2009	Letter from Manitoba Hydro requesting to hold an open house in Rolling River First Nation
May 26, 2009	Letter from Manitoba Hydro requesting participation in the ATK process
August 24, 2009	Letter from Manitoba Hydro indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a community open house in Rolling River First Nation
February 2, 2010	Letter from Chief and Council to Manitoba Hydro indicating that the meeting held on February 2, 2010 will not serve or be considered as consultation.
February 2, 2010	Letter from Manitoba Hydro indicating that the meeting held on February 2, 2010 will not serve or be considered as consultation
February 2, 2010	Round 3 Community Open House in Rolling River First Nation
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary preferred route for the proposed Bipole III Transmission Project; and that in viewing the preliminary preferred route, Keeseekoowenin Ojibway First Nation is considered to be outside of the general area under consideration for the new transmission line. No response was received from the letter
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed

Date	Methods of Engagement
	Bipole III Transmission Project

Category	Summary of Information	Response and/or Mitigation	EPP Component
ATK studies	An attendee discussed the importance of Aboriginal knowledge and traditional land use studies and questioned whether Manitoba Hydro was interested in funding ATK studies.	Manitoba Hydro discussed with the community that the letter that was sent on May 26, 2009 was in regards to participating in the ATK process for Bipole III and interest in meeting with the community to further discuss their participation in ATK. It was noted that no response from the community was received to this letter.	
Burial grounds	An attendee shared his concern that Manitoba Hydro has no respect for burial grounds and that the things that Manitoba Hydro did up north are unacceptable. Rolling River First Nation will do what they have to do to protect their children and grandchildren.	Manitoba Hydro acknowledges the need for careful protection and respect for all culture and heritage resources. The Environmental Protection Program (EPP) includes a Culture and Heritage Resource Protection Plan to safeguard and appropriately handle culture and heritage resources discovered during the construction of the Project.	Culture and Heritage Resources Protection Plan

Community Engagement Summary
Skownan First Nation

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter requesting an Introductory Bipole III Meeting with leadership. No response was received from the letter
January 4, 2011	Round Four meeting with Ebb and Flow First Nation including a representative from Skownan First Nation
March 3, 2011	Follow-up letter from Manitoba Hydro after the meeting in Ebb and Flow First Nation
May 21, 2014	Meeting with a representative from Skownan First Nation to discuss the community development initiative

Category	Summary of Information	Response and/or Mitigation	EPP Component
Forestry	Does Manitoba Hydro compensate or pays royalties to forestry companies when a transmission line is built in their forest management area	Manitoba Hydro does not compensate or pay royalties to forestry companies. Manitoba Hydro pays stumpage fees to the province.	
Sensitive Site	There is a concern that there may be a sacred site near Spur that should be acknowledged for Bipole III.	Manitoba Hydro acknowledges the need for careful protection and respect for all cultural and heritage resources. The EPP includes a Cultural and Heritage Resource Protection Plan to safeguard and appropriately handle cultural and heritage resources discovered during the construction of the Project. Manitoba Hydro anticipates working with the community to develop a protocol on how to engage the community in the event of a discovery of a previously unrecorded heritage or cultural resource. Manitoba Hydro will continue to try to follow up with the Skownan representative to ensure that the area has been included in the EnvPP for the Project	Cultural and Heritage Resources Protection Plan

Community Engagement Summary
Opaskwayak Cree Nation

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter from Manitoba Hydro requesting an introductory Bipole III Meeting with Chief and Council
April 24, 2008	Introductory meeting
August 15, 2008	Letter providing information about regional introductory public open houses and suggesting that a Community Open House be planned in the community
February 4, 2009	Community Open House (Round 2)
May 26, 2009	Letter from Manitoba Hydro requesting participation in the ATK process
July 16, 2009	ATK related meeting with OCN's Natural Resource Council
August 24, 2009	Letter indicating Manitoba Hydro had selected a series of alternative route options and would like to hold a Community Open House
November 3, 2009	Natural Resources Council Meeting (Round 3)
November 19, 2009	Round 3 Community Open House
December 3, 2009	Natural Resources Council Meeting (Round 3)
March 17, 2010	Thank you letter from Opaskwayak Cree Nation and request for a follow-up meeting
March 29, 2010	Letter from Manitoba Hydro informing that there is no change in the status of the project
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary route for Bipole III
November 10, 2010	Round Four Community Open House with OCN
November 10, 2010	Round Four Leadership Meeting with OCN
June 30, 2011	Traditional Knowledge Report received by Manitoba Hydro

Date	Methods of Engagement
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project
March 29, 2012	Letter from Manitoba Hydro requesting a meeting to discuss the Environmental Protection Plan
September 12, 2013	Letter from Chief Constant requesting that Manitoba Hydro only contact the Chief's Assistant or Mary Head
September 23, 2013	Letter from Manitoba Hydro in response to Chief Constant's September 12, 2013 letter

Category	Summary of Information	Response and/or Mitigation	EPP Component
Access	Concern that the ROW will lead to increased access to area, overharvesting and poaching. Concern that construction will attract predation to the area and cause an imbalance to the fragile ecosystem.	Natural terrain conditions, remoteness and private property restrictions are expected to limit traffic on the Bipole III Transmission Project ROW at all times of the year but, in particular, during the non-frozen ground period. Opportunities will increase during the frozen ground period and, although anticipated traffic levels are expected to be low, the following strategies have been identified and are currently being developed for inclusion in the Access Management Plan to minimize potential access opportunities to the ROW and to address issues of safety and system reliability: • Education and communication (e.g., public, stakeholders, between maintenance crews and resource users, etc.); •Strategies to retain desirable species on the ROW that create beneficial habitat and limit line of sight; •Timing windows and logistic for operations and maintenance activities particularly in environmentally sensitive sites; • Maintenance of riparian buffers and wildlife corridors during the operations and maintenance (O & M) phase; • Case-by-case assessment and evaluation, in conjunction with Manitoba Conservation and	Access Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		Water Stewardship, of applications for ROW use for industrial and recreational purposes; • Assessment of access for decommissioning if not required for O & M.	
Caribou	Discussion regarding the location of the preliminary preferred route, which may affect already declining caribou herds found within the Kelsey Lake zone.	Project partnership with Northwest Caribou committee to monitor caribou through collaring programs to determine movement and behaviour of Naosap herd as well as camera work along the FPR within high use areas and calving complexes.	Monitoring Program
Construction	Concerns regarding impacts to the underground water system and marshlands when building a transmission line. How do construction activities affect the filtering system of the land? How far do the effects extend outside the transmission corridor? What are the impacts of winter construction on the land? How do the existing lines affect the land? What are the ripple effects?	Surface and groundwater quality will not be degraded whether or not they contain fish. Buffers and setbacks, erosion and sedimentation control measures and stream crossing measures will be utilized. Winter construction has the least effects on the environment and is a major mitigation measure for minimizing effects on wildlife, soil, water, etc. How existing lines can affect the land is documented in the Wuskwatim Transmission Monitoring Reports that are presented and shared with the community.	Construction Environmental Protection Plan
	Recommendation: the burning of forest related debris is strongly discouraged.	Manitoba Hydro will utilize as much merchantable timber as possible but burning will have to occur as burying and mulching are not viable alternatives.	

Category	Summary of Information	Response and/or Mitigation	EPP Component
Cumulative	Concerned with cumulative effects of activity in OCN territories which include logging, railroad operations, mining, Hydro development (Wuskwatim line, Grand Rapids dam, etc.), roads, etc.		
	Recommendation: Compensation for cumulative effects in Elk Zone and adverse effects of the whole project that cannot be mitigated.	Impacts identified to Manitoba Hydro that are not addressed through the Site Selection and Environmental Assessment Processes, Environmental Protection Plan, or the Trapper Compensation Policy will be considered and addressed by Manitoba Hydro on a case-by-case basis.	
EMFs	Concern regarding the effects of EMFs on people, plants and wildlife.	Based on reviews by national and international scientific agencies there are no known adverse health effects associated with EMF from AC or DC transmission lines.	
Environment	Recommendation: that OCN knowledge be effectively communicated in the EIS and used to develop, in partnership with OCN, environmental protection plans.	Manitoba Hydro met with the OCN Resource Management Board to review the proposed mitigation and monitoring plans and to discuss specific mitigation and monitoring activities that relate to the concerns OCN raised.	
Mitigation	Recommendation: Mitigation for disturbance of subsistence use practices	Manitoba Hydro has identified the following mitigation measures to reduce the effects on the harvesting of traditional food: • Construction and site decommissioning activities	Construction Environmental Protection Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		in northern Manitoba will be carried out during the winter months; • Whenever possible, existing trails, roads and cut lines will be used as access routes; • Hunting and fishing by Project personnel will be prohibited within Project footprint, and firearms restricted in work camps; • Manitoba Hydro will work with individual communities that have identified important resource use sites that are in close proximity to the Project Site/Footprint to minimize potential effects; • Where demand exists, cleared timber that is not otherwise practically salvageable, will be made available to communities as fuelwood. Manitoba Conservation is responsible for timber allocation on Crown lands. Within those areas under FMLs, the Licensee has the first right to all merchantable timber under license. Manitoba Hydro will endeavour to salvage merchantable timber where practical to do so; and • Where the issue of increased access is important to a community (i.e., effect of increased access to areas deemed important	

Category	Summary of Information	Response and/or Mitigation	EPP Component
		for domestic resource use), Manitoba Hydro will work with affected communities to prepare Access Management Plans prior to construction of the line.	
Monitoring	Discussion regarding the possibility of being involved in monitoring environmental impacts for the project in conjunction with MH and its consultants. Recommendation: that MH conduct a longitudinal biophysical study to assess and evaluate the potential environmental effects in partnership with OCN. Recommendation: provision of ROW monitoring and maintenance in partnership with OCN for the life of the line.	The monitoring concept is still in the conceptual phase and the request has been noted.	
	When is monitoring starting? How long will monitoring occur?	Monitoring will occur before clearing, during and after construction for caribou. The length of monitoring depends on the species being monitored.	
	Will the monitoring for moose be similar to the Wuskwatim Transmission Project?	There was some post construction work on moose for Wuskwatim. Since moose are one of the biggest concerns, Manitoba Hydro has planned to continue similar moose work from Wuskwatim and apply it to Bipole III.	

Category	Summary of Information	Response and/or Mitigation	EPP Component
	OCN representatives indicated that they find it interesting that research done, whether or not it is on sturgeon, because of the long term relationship between a company and Hydro they feel it is not being objectionably presented. Feel that Manitoba Hydro must work collaboratively with the First Nation and resource users. There is concern about the two line corridors, high water level, low moose populations. Creating super highways for ATVs, vehicle traffic.	Manitoba Hydro anticipates involving a community liaison from OCN as there was a strong interest identified during the community engagement process for the community to be involved in the monitoring program. The liaison will participate on site with the environmental inspector and the monitor when they are there to: identify environmentally sensitive sites, conduct mitigation measure inspections and provide implementation assistance.	
Noise	Concern that noise may frighten species from an area, cause them to the avoid area or abandon their dens.	Not all wildlife species are sensitive to the low hum of power lines which, under certain weather conditions, can be noticeable to people. Overall, it appears unlikely that line noise results in any significant effects to wildlife. Anecdotal information from transmission line construction workers and trail cameras on the ROW suggest transmission line noise has not deterred caribou, moose and other animals from feeding along transmission line rights-of-way. Current Global Positioning System collar studies on woodland caribou in Manitoba will provide new information	

Category	Summary of Information	Response and/or Mitigation	EPP Component
		about the effects of noise and other potential disturbances on caribou populations.	
Routing	It was suggested that if the Bipole corridor came through OCN traditional territory, it be routed on the same corridor as the Wuskwatim transmission line.	The suggestion was taken into consideration during the routing process. Bipole III was routed along Wuskwatim where it was feasible.	
Spawning	The Ravensnest zone (includes northern portion of Kelsey Lake) is within close proximity of important spawning grounds which could be impacted by the Project.	Timing works to avoid sensitive life history periods or life stages is an effective means of mitigating adverse effects. No in-stream works are planned, however, if required, in-stream activities should be conducted during a timing window of least risk to fish and fish habitat.	
Trapping	OCN representative recommends that Manitoba Hydro do a study on effects on all species in the corridor between Wuskwatim and Bipole III.	Effects of the Bipole III ROW on furbearers and big game are being monitored as part of the Biophysical Monitoring Plan. Results of this monitoring will be shared with the community.	
Water	Concerns regarding the impacts to the underground water system and marshlands when building a transmission line. How do construction activities affect the filtering system of the land?	Surface and groundwater quality will not be degraded. Buffers and setbacks, erosion and sedimentation control measures and stream crossing measures will be utilized.	Construction Environmental Protection Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
Wildlife	Concern that emissions and pollution may drive away species and contaminate food sources.	Emissions associated with construction are expected to be temporary in nature and are not predicted to impact species or contaminate food sources.	
	Concern that equipment & waste storage at various locations for site construction will widen area of disturbances and increase predation.	Waste/recycling plans will be developed to reduce and manage waste. A spill response plan will be in place to prevent and respond to spills. The Construction EnvPP has mitigation measures to reduce noise and disturbance to wildlife.	Construction Environmental Protection Plan
	OCN members have noticed a decrease in fishers and martens in the Elk zone. Elders have suggested that it will take 5-10 years for them to return. If the fishers and martens do return, the Bipole III route represents an additional threat to fisher and marten habitat	Manitoba Hydro recognizes that marten and fisher are a valued furbearing species for OCN. Manitoba Hydro is committed to working with trappers during the construction and operation of the Project regarding mitigation and monitoring of these species which are in its vicinity. Manitoba Hydro initiated a pilot project to assess the effects of furbearer trapping success near and away from the Wuskwatim transmission line and will continue with similar trapper participation for the Bipole III Transmission Project.	

Category	Summary of Information	Response and/or Mitigation	EPP Component
Wood	Discussion regarding what would happen to the wood fibre from the cleared areas. Recommendation: all timber collected be allocated to OCN.	Any timber that will be available will be done on a case-by-case basis taking into account that the forestry company holding the FML has the right of first refusal on that timber. If they relinquish their rights to the timber, it may be available for the contractor or local communities. Timber that is not used by the contractor or local communities will be disposed of on-site.	

Community Engagement Summary
Baden Community Council

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter from Manitoba Hydro requesting an Introductory Bipole III meeting with leadership
May 21, 2008	Meeting with leadership
August 15, 2008	Letter from Manitoba Hydro providing information about regional introductory public open houses and suggesting that a community open house be planned in the community
November 3, 2008	Round 2 Community Open House
May 26, 2009	Letter from Manitoba Hydro requesting participation in the ATK process
August 24, 2009	Letter indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a community open house
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary preferred route for Bipole III
November 24, 2010	Round 4 Community Open House
December 8, 2010	Letter informing the community of the preliminary preferred route
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project
June 5, 2014	EPP meeting in Barrows and representatives from Baden were invited to attend

Category	Summary of Information	Response and/or Mitigation	EPP Component
Access	Concerns regarding the increased human presence and vehicle access in the area; may affect hunting and trapping around the community. Concerns that snowmobile groups would groom and use the Bipole III corridor, which might affect local trappers.	Natural terrain conditions, remoteness and private property restrictions are expected to limit traffic on the Bipole III Transmission Project ROW at all times of the year but, in particular, during the non-frozen ground period. Opportunities will increase during the frozen ground period and although anticipated traffic levels are expected to be low, the following strategies have been identified and are currently being developed for inclusion in the Access Management Plan to minimize potential access opportunities to the ROW and to address issues of safety and system reliability: • Education and communication (e.g., public, stakeholders, between maintenance crews and resource users, etc.); •Strategies to retain desirable species on the ROW that create beneficial habitat and limit line of sight; •Timing windows and logistic for operations and maintenance activities particularly in environmentally sensitive sites; • Maintenance of riparian buffers and wildlife corridors during the operations and maintenance (O & M) phase;	Access Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		• Case by case assessment and evaluation, in conjunction with Manitoba Conservation and Water Stewardship, of applications for ROW use for industrial and recreational purposes; • Assessment of access for decommissioning if not required for O & M.	
Comment	Believes that the project will have a destructive affect, killing plant and animal species. Individual is unsure how to prevent this sort of damage from happening.	All construction activities will be monitored by a Manitoba Hydro environmental inspector to ensure compliance with the Environment Act licence and the Environmental Protection Plan.	Construction Environmental Monitoring Plan
EMFs	Concern regarding the effects of EMFs and their connection with health problems.	Based on reviews by national and international scientific agencies there are no known adverse health effects associated with EMF from AC or DC transmission lines.	
Erosion	Concerns regarding the erosion at river crossings. If the line crosses Red Deer River, how this would affect the fish and waterfowl.	Erosion and sediment control plans will be required by the contractors working on the construction site in areas that may be susceptible to erosion or sediment loading.	Construction Environmental Monitoring Plan
Forestry	Comment: a 66 metre ROW removes a large amount of lumber.	Where demand exists, cleared timber that is not otherwise practically salvageable, will be made available to communities for fuelwood. Manitoba Conservation is responsible for timber allocation on Crown lands. Within	

Category	Summary of Information	Response and/or Mitigation	EPP Component
		those areas under FMLs, the Licensee has the first right to all merchantable timber under license. Manitoba Hydro will endeavour to salvage merchantable timber where practical to do so.	
Noise	Concerned that noise emitted by the hydro line may scare off animals from the area.	Not all wildlife species are sensitive to the low hum of power lines which, under certain weather conditions, can be noticeable to people. Based on experience in previous projects, it appears unlikely that line noise results in any significant effects to wildlife. Anecdotal information from transmission line construction workers and trail cameras on the ROW suggest transmission line noise has not deterred caribou, moose and other animals from feeding along transmission line rights of way. The Wuskwatim Trapping Pilot Study and ongoing Caribou GPS collar monitoring of the Wuskwatim ROW further demonstrate the continued use of the ROWs once in operation.	Biophysical Monitoring Plan
Trapping	Interest regarding the Trapper Compensation Policy.	Manitoba Hydro has a Trappers Notification and Compensation Policy that compensates trappers for disturbances while clearing and constructing transmission lines greater than 115kV in capacity. In the case of the Bipole III	Socio-Economic Monitoring Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		Transmission Project, the implementation of the Policy is underway and will include discussions with individual registered trappers and users of Open Trapping Zones.	
Vegetation management	Concerns regarding the use of sprays along lines and related impacts on the waterways; would like to see maintenance done without the use of chemicals.	For maintenance, Manitoba Hydro uses Integrated Vegetation Management (IVM) that involves a written management plan that utilizes best management practices endorsed by the North American Transmission Forum. Prior to vegetation management, rights of way are patrolled and management methods are selected. Methods are determined according to safety, health, environmental sensitivities, efficiency and cost. Methods of control include chainsaws, brush saws, mechanical mowing/ mulching, herbicide applications, and land-use conversion. Manitoba Hydro will consider non-chemical vegetation management in clearly identified sensitive sites that contain plants of importance to resource harvesters.	Vegetation Management Plan
Vegetation management	Concerned that if the connector line is built between Red Deer Lake and the Porcupine Hills, Manitoba Hydro might spray	The Bipole III Transmission Project does not include a connector line between Red Deer Lake and the Porcupine Hills.	Vegetation Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
	chemicals along the line, negatively affecting the waterways that run through the region.		

Community Engagement Summary
Barrows Community Council

Licensing and Environmental Assessment

Date	Methods of Engagement
February 21, 2008	Letter from Manitoba Hydro requesting an Introductory Bipole III meeting with leadership
May 21, 2008	Meeting with leadership
August 15, 2008	Letter from Manitoba Hydro providing information about regional introductory public open houses and suggesting that a community open house be planned in the community
November 3, 2008	Round 2 Community Open House
May 26, 2009	Letter from Manitoba Hydro requesting participation in the ATK process
August 24, 2009	Letter indicating that Manitoba Hydro had selected a series of alternative route options and would like to hold a community open house
July 27, 2010	Letter indicating that Manitoba Hydro had selected a preliminary preferred route for Bipole III
November 24, 2010	Round 4 Community Open House
December 8, 2010	Letter informing the community of the preliminary preferred route
November 23, 2011	Letter indicating that Manitoba Hydro has now selected a preferred route for the proposed Bipole III Transmission Project
April 22, 2014	Letter from Manitoba Hydro requesting an EPP meeting in the community. The letter included a CD with documents that may be of interest to the community including: • Transmission Access Management Plan, • Bipole III Project Environmental Protection Plan, • Bipole III Transmission Line Construction Environmental Protection Plan (CEnvPP) Segment N4

	• Culture and Heritage Resource Protection Plan. The letter also included a copy of the sample questionnaire that Manitoba Hydro uses to assist with developing a community appropriate protocol for the Culture and Heritage Resource Protection Plan. A copy of the Access Management brochure was also enclosed.
June 5, 2014	EPP meeting in Barrows

Category	Summary of Information	Response and/or Mitigation	EPP Component
Access	Concerns regarding the increased human presence and vehicle access in the area; may affect hunting and trapping around the community. Concerns that snowmobile groups would groom and use the Bipole III corridor, which might affect local trappers.	Natural terrain conditions, remoteness and private property restrictions are expected to limit traffic on the Bipole III Transmission Project ROW at all times of the year but, in particular, during the non-frozen ground period. Opportunities will increase during the frozen ground period and although anticipated traffic levels are expected to be low, the following strategies have been identified and are currently being developed for inclusion in the Access Management Plan to minimize potential access opportunities to the ROW and to address issues of safety and system reliability: • Education and communication (e.g., public, stakeholders, between maintenance crews and resource users, etc.); •Strategies to retain desirable species on the ROW that create beneficial habitat and limit line of sight; •Timing windows and logistic for operations and maintenance activities particularly in environmentally sensitive sites; • Maintenance of riparian buffers and wildlife corridors during the operations and maintenance (O & M) phase;	Access Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		• Case by case assessment and evaluation, in conjunction with Manitoba Conservation and Water Stewardship, of applications for ROW use for industrial and recreational purposes; • Assessment of access for decommissioning if not required for O & M.	
Comment	Believes that the project will have a destructive affect, killing plant and animal species. Individual is unsure how to prevent this sort of damage from happening.	All construction activities will be monitored by a Manitoba Hydro environmental inspector to ensure compliance with the Environment Act licence and the Environmental Protection Plan.	Construction Environmental Monitoring Plan
EMFs	Concern regarding the effects of EMFs and their connection with health problems.	Based on reviews by national and international scientific agencies there are no known adverse health effects associated with EMF from ac or dc transmission lines.	
Erosion	Concerns regarding the erosion at river crossings. If the line crosses Red Deer River, how this would affect the fish and waterfowl.	Erosion and sediment control plans will be required by the contractors working on the construction site in areas that may be susceptible to erosion or sediment loading.	Construction Environmental Monitoring Plan
Forestry	Comment: a 66 metre ROW removes a large amount of lumber.	Where demand exists, cleared timber that is not otherwise practically salvageable, will be made available to communities for fuelwood. Manitoba Conservation is responsible for timber allocation on Crown lands. Within	

Category	Summary of Information	Response and/or Mitigation	EPP Component
		those areas under FMLs, the Licensee has the first right to all merchantable timber under license. Manitoba Hydro will endeavour to salvage merchantable timber where practical to do so.	
Noise	Concerned that noise emitted by the hydro line may scare off animals from the area.	Not all wildlife species are sensitive to the low hum of power lines which, under certain weather conditions, can be noticeable to people. Based on experience in previous projects, it appears unlikely that line noise results in any significant effects to wildlife. Anecdotal information from transmission line construction workers and trail cameras on the ROW suggest transmission line noise has not deterred caribou, moose and other animals from feeding along transmission line rights of way. The Wuskwatim Trapping Pilot Study and ongoing Caribou GPS collar monitoring of the Wuskwatim ROW further demonstrate the continued use of the ROWs once in operation.	Biophysical Monitoring Plan
Trapping	Interest regarding the Trapper Compensation Policy.	Manitoba Hydro has a Trappers Notification and Compensation Policy that compensates trappers for disturbances while clearing and constructing transmission lines greater than 115kV in capacity. In the case of the Bipole III	Socio-Economic Monitoring Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
		Transmission Project, the implementation of the Policy is underway and will include discussions with individual registered trappers and users of Open Trapping Zones.	
Vegetation management	Concerns regarding the use of sprays along lines and related impacts on the waterways; would like to see maintenance done without the use of chemicals.	For maintenance, Manitoba Hydro uses Integrated Vegetation Management (IVM) that involves a written management plan that utilizes best management practices endorsed by the North American Transmission Forum. Prior to vegetation management, rights of way are patrolled and management methods are selected. Methods are determined according to safety, health, environmental sensitivities, efficiency and cost. Methods of control include chainsaws, brush saws, mechanical mowing/ mulching, herbicide applications, and land-use conversion. Manitoba Hydro will consider non-chemical vegetation management in clearly identified sensitive sites that contain plants of importance to resource harvesters.	Vegetation Management Plan
Vegetation management	Concerned that if the connector line is built between Red Deer Lake and the Porcupine Hills, Manitoba Hydro might spray	The Bipole III Transmission Project does not include a connector line between Red Deer Lake and the Porcupine Hills.	Vegetation Management Plan

Category	Summary of Information	Response and/or Mitigation	EPP Component
	chemicals along the line, negatively affecting the waterways that run through the region.		