

Appendix B: Summary of Wildlife Species Noted To Be Present in the St. Joseph Wind Project Study Area

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Common Name	Scientific Name
<i>Amphibians and Reptiles</i>	
American Toad	<i>Bufo americanus</i>
Boreal Chorus Frog	<i>Pseudacris triseriata maculate</i>
Canadian Toad	<i>Bufo hemiophrys</i>
Northern Leopard Frog	<i>Rana pipiens</i>
Wood Frog	<i>Rana sylvatica</i>
<i>Bats</i>	
Big Brown Bat	<i>Eptesicus fuscus</i>
Hoary Bat	<i>Lasiurus cinerus</i>
Red Bat	<i>Lasiurus borealis</i>
Silver-haired Bat	<i>Lasionycteris noctivagans</i>
<i>Birds</i>	
American Coot	<i>Fulica americana</i>
American Crow	<i>Corvus brachyrhynchos</i>
American Goldfinch	<i>Carduelis tristis</i>
American Redstart	<i>Setophaga ruticilla</i>
American Robin	<i>Turdus migratorius</i>
American Tree Sparrow	<i>Spizella arborea</i>
American White Pelican	<i>Pelecanus erythrorhynchos</i>
Bald Eagle	<i>Haliaeetus leucocephalus</i>
Baltimore Oriole	<i>Iceterus galbula</i>
Barn Swallow	<i>Hirundo rustica</i>
Black Tern	<i>Chlidonias niger</i>
Black-and-white Warbler	<i>Mniotilta varia</i>
Black-bellied Plover	<i>Pluvialis squatarola</i>
Black-billed Magpie	<i>Pica pica</i>
Black-capped Chickadee	<i>Poecile atricapillus</i>
Blue Jay	<i>Cyanocitta cristata</i>
Blue-winged Teal	<i>Anas discors</i>
Bobolink	<i>Dolichonyx oryzivorus</i>
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>
Brown Thrasher	<i>Toxostoma rufum</i>

Common Name	Scientific Name
Brown-headed Cowbird	<i>Molothrus ater</i>
Canada Goose	<i>Branta canadensis</i>
Chipping Sparrow	<i>Spizella passerina</i>
Clay-colored Sparrow	<i>Spizella pallida</i>
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>
Common Grackle	<i>Quiscalus quiscula</i>
Common Raven	<i>Corvus corax</i>
Double-crested Cormorant	<i>Phalacrocorax auritis</i>
Eastern Kingbird	<i>Tyrannus tryannus</i>
Eastern Phoebe	<i>Sayornis phoebe</i>
European Starling	<i>Sturnus vulgaris</i>
Gray Catbird	<i>Dumetella carolinensis</i>
Gray Partridge	<i>Perdix perdix</i>
Great Blue Heron	<i>Ardea herodias</i>
Greater Yellowlegs	<i>Tringa melanoleuca</i>
Hairy Woodpecker	<i>Picoides villosus</i>
Harris's Sparrow	<i>Zonotrichia querula</i>
Horned Lark	<i>Eremophila alpestris</i>
House Sparrow	<i>Passer domesticus</i>
House Wren	<i>Troglodytes aedon</i>
Kildeer	<i>Charadrius vociferous</i>
Lapland Longspur	<i>Calcarius lapponicus</i>
Least Flycatcher	<i>Empidonax minimus</i>
Lesser Yellowlegs	<i>Tringa flavipes</i>
Mallard	<i>Anas platyrhynchos</i>
Merlin	<i>Falco columbarius</i>
Mourning Dove	<i>Zenaida macroura</i>
Northern Flicker	<i>Colaptes auratus</i>
Northern Harrier	<i>Circus cyaneus</i>
Northern Shoveler	<i>Anas clypeata</i>
Orchard Oriole	<i>Iceterus spurius</i>
Prairie Falcon	<i>Falco mexicanus</i>
Red-tailed Hawk	<i>Buteo jamaicensis</i>
Red-winged Blackbird	<i>Agelaius phoeniceus</i>

Common Name	Scientific Name
Ring-billed Gull	<i>Larus delawarensis</i>
Rock Pigeon	<i>Columbia livia</i>
Rough-legged Hawk	<i>Buteo lagopus</i>
Sandhill Crane	<i>Grus canadensis</i>
Savannah Sparrow	<i>Passerculus sandwichensis</i>
Sharp-shinned Hawk	<i>Accipter striatus</i>
Snow Bunting	<i>Plectrophenax nivalis</i>
Snow Goose	<i>Chen caerulescens</i>
Song Sparrow	<i>Melospiza melodia</i>
Spotted Sandpiper	<i>Actitis macularia</i>
Tree Swallow	<i>Tachycineta bicolor</i>
Tundra Swan	<i>Cygnus columbianus</i>
Vesper Sparrow	<i>Pooecetes gramineus</i>
Warbling Vireo	<i>Vireo gilvis</i>
Western Kingbird	<i>Tyrannus verticalis</i>
Western Meadowlark	<i>Sturnella neglecta</i>
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>
Wilson's Warbler	<i>Wilsonia pusilla</i>
Wood Duck	<i>Aix sponsa</i>
Yellow Warbler	<i>Dendroica petechia</i>
Yellow-rumped Warbler	<i>Dendroica coronata</i>
<i>Butterflies</i>	
Mourning Cloak	<i>Nymphalis antiopa</i>
Monarch	<i>Danaus plexippus</i>
Red Admiral	<i>Vanessa atalanta</i>
<i>Non-Bat Mammals</i>	
Coyote	<i>Canis latrans</i>
Jackrabbit	<i>Lepus townsendii</i>
Northern Pocket Gopher	<i>Thomomys talpoides</i>
Raccoon	<i>Procyon lotor</i>
Red Fox	<i>Vulpes vulpes</i>
Thirteen-Striped Ground Squirrel	<i>Spermophilus tridecimlineatus</i>
White-Tailed Deer	<i>Odocoileus virginianus</i>

(Source: Helimax 2008)

**Appendix C: Response from Manitoba Conservation
Data Centre Regarding Rare Species
Potentially Present in the Project Area**

From: [Friesen, Chris \(CON\)](#)
To: ["Maureen Forster"](#)
Subject: RE: Rare species info - St. Jean Baptiste to Letellier area
Date: March 1, 2013 1:14:12 PM

Maureen

Thank you for your information request. I completed a search of the Manitoba Conservation Data Centre's rare species database and found no occurrences at this time for your area of interest.

The information provided in this letter is based on existing data known to the Manitoba Conservation Data Centre at the time of the request. These data are dependent on the research and observations of CDC staff and others who have shared their data, and reflect our current state of knowledge. **An absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present;** in many areas, comprehensive surveys have never been completed. Therefore, this information should be regarded neither as a final statement on the occurrence of any species of concern, nor as a substitute for on-site surveys for species as part of environmental assessments.

Because the Manitoba CDC's Biotics database is continually updated and because information requests are evaluated by type of action, any given response is only appropriate for its respective request. Please contact the Manitoba CDC for an update on this natural heritage information if more than six months pass before it is utilized.

Third party requests for products wholly or partially derived from Biotics must be approved by the Manitoba CDC before information is released. Once approved, the primary user will identify the Manitoba CDC as data contributors on any map or publication using Biotics data, as follows as: Data developed by the Manitoba Conservation Data Centre; Wildlife and Ecosystem Protection Branch, Manitoba Conservation.

This letter is for information purposes only - it does not constitute consent or approval of the proposed project or activity, nor does it negate the need for any permits or approvals required by the Province of Manitoba.

We would be interested in receiving a copy of the results of any field surveys that you may undertake, to update our database with the most current knowledge of the area.

If you have any questions or require further information please contact me directly at (204) 945- 7747.

Chris Friesen
Biodiversity Information Manager
Manitoba Conservation Data Centre
204-945-7747 chris.friesen@gov.mb.ca
<http://www.gov.mb.ca/conservation/cdc/>

Appendix D: Explanation of MCDC Ranks

Manitoba Conservation Data Centre ranks and codes (Global and Provincial):

Rank	Definition
1	Very rare throughout its range or in the province (5 or fewer occurrences, or very few remaining individuals). May be especially vulnerable to extirpation.
2	Rare throughout its range or in the province (6 to 20 occurrences). May be vulnerable to extirpation.
3	Uncommon throughout its range or in the province (21 to 100 occurrences).
4	Widespread, abundant, and apparently secure throughout its range or in the province, with many occurrences, but the element is of long-term concern (>100 occurrences).
5	Demonstrably widespread, abundant, and secure throughout its range or in the province, and essentially impossible to eradicate under present conditions.
U	Possibly in peril, but status uncertain; more information needed.
H	Historically known; may be rediscovered.
X	Believed to be extinct; historical records only, continue search.
SNR	A species not ranked. A rank has not yet assigned or the species has not been evaluated.
SNA	A conservation status rank is not applicable to the element.

Code	Definition
G#G# S#S#	Numeric range rank: A range between two of the numeric ranks. Denotes range of uncertainty about the exact rarity of the species.
T	Rank for subspecific taxon (subspecies, variety, or population); appended to the global rank for the full species, e.g. G4T3.
B	Breeding status of a migratory species. Example: S1B,SZN - breeding occurrences for the species are ranked S1 (critically imperilled) in the province, nonbreeding occurrences are not ranked in the province.
N	Non-breeding status of a migratory species. Example: S1B,SZN - breeding occurrences for the species are ranked S1 (critically imperilled) in the province, nonbreeding occurrences are not ranked in the province.
Q	Taxonomic questions or problems involved, more information needed; appended to the global rank.
T	Rank for subspecific taxon (subspecies, variety, or population); appended to the global rank for the full species.
#	A modifier to SX or SH; the species has been reintroduced but the population is not yet established.
?	Inexact or uncertain; for numeric ranks, denotes inexactness.

**Appendix E: Summary of Manitoba Historic
Resources Branch Information on
Centennial Farms in the Area of Interest**

Appendix E: Summary of MHRB Information on Centennial Farms in the Area of Interest

Centennial	Original Date	Legal Description	Name	Original Owner	Present Owner	Plaque Date	Map Sheet	UTM -X	UTM-Y
149	1889-09-11	E 1/2 of W 27-2-1 E	Perron Family Farm	Joseph and Richard Perron	Paul Perron	15/06/1990	62H/3	617771	5445217
195	1887-10-01	NE 32-18-27 W	Low Family Farm	Thomas Low	Benjamin G. Low	27/06/1991	62K/1	347373	5606319
626	1877	RL 246 St. Agathe	Beaudette Family Farm	Rudolphe Beaudette	M. Florent Beaudette	01/11/1985	62H/6	621571	5458917
930	1876-08-17	SW 22-2-1 E	Brais Family Farm	Lucien Tremblay	Julien and Lise Brais	14/10/2000	62H/3	617271	5443917
931	1892-03-24	NE 22-2-1 E	Brais Family Farm	Lucien Hormidas Tremblay	Gaetan and Jocelyne Brais	14/10/2000	62H/3	618071	5445117
932	1900	SE 22-2-1 E	Brais Family Farm	Lucien Tremblay	Etienne and Helene (Brunet) Brais	14/10/2000	62H/3	618171	5443717
951	1882-10-22	SE 4-3-1 E	Sarrasin Family Farm	Ambroise Sr. and Victoire Sarrasin	Georgina Sarrasin	24/06/2000	62H/3	616671	5449117
952	1879-07-31	SW 4-3-1 E	Sarrasin Family Farm	Ambroise Sr. and Victoire Sarrasin	Denis Joseph Sarrasin	24/06/2000	62H/3	616471	5449817
1018	1901	River Lot 191 - Parish of Ste. Agathe	Fillion Family Farm	Louis and Octavie Fillion	Robert and Anne-Marie (Houle) Fillion	30/06/2002	62H/3	622222	5453355
1198	1884-6-23	SE 22-03-2 E	Pearse Family Farm	William G. and Peter Pearse	Ronald Pearse	11/09/2004	62H/3	628255	5454021
1199	1890-11-21	NE 22-03-2 E	Pearse Family Farm	William G. and Mary Pearse	Ronald and Marlys Pearse	11/09/2004	62H/3	628544	5454678
1494	1911-01-18	NW 22-3-1 E	Sabourin Family Farm	Leonard and Eugenie Sabourin	Gilbert N. And Kathy L. Sabourin	09/07/2011	62H/3	617471	5454918

Source: MHRB 2013

Appendix F: Morris Natural Gas Pipeline – Public Engagement Program

Morris Natural Gas Pipeline Project – Public Engagement Program

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1.0 Introduction

Manitoba Hydro is proposing to install a new 4” steel natural gas pipeline near Provincial Road (PR) 201 located about 4 kilometers (km) west of Letellier, Manitoba. The proposed new 4” steel natural gas pipeline will run in a south to north direction parallel to an existing 3” steel natural gas pipeline. The proposed works also include the installation of a new above grade valve assembly south of PR 201, and the removal of a 2” above grade valve assembly and a 3” above grade valve assembly located about 1 km southwest of St. Jean-Baptiste, Manitoba. The total length of the proposed pipeline is approximately 14.5 km. This project will serve existing natural gas customers and will meet the future needs of the surrounding areas.

A Project Map denoting the proposed route as well as the location of the above ground assemblies (removal and installation) is provided as Appendix A.

As part of the Environmental Assessment process, Manitoba Hydro initiated a public engagement program to obtain feedback from the local municipality, First Nations communities, the Manitoba Metis Federation, landowners and the public.

2.0 Process

Manitoba Hydro undertook a public engagement program to achieve the following goals:

- inform the public regarding the project, timelines and proposed location;
- to gather feedback on the proposed location of the pipeline; and
- to provide an opportunity for the public to have questions answered and concerns addressed by Manitoba Hydro representatives.

As part of the engagement program, Manitoba Hydro aimed to engage:

- Affected and adjacent landowners;
- Rural Municipality (RM) of Montcalm;
- Roseau River Anishinabe First Nation;
- Peguis First Nation;
- Manitoba Metis Federation (MMF); and
- Members of the general public.

Manitoba Hydro undertook a Municipal council meeting and met with a representative from Roseau River Anishinabe First Nation, provided a contact to all interested parties through a variety of notification methods (that included direct mailings, a postal code drop, radio and newspaper advertisements) and held a public open house to allow the public and interested parties to discuss the Project with Manitoba Hydro representatives.

3.0 Notification Methods

Manitoba Hydro utilized four (4) notification methods to ensure that the public was aware of Manitoba Hydro’s Project activities in the area which included direct mailings, a postal code drop, and radio and newspaper advertisement which are discussed in detail below.

3.1 Direct Mailings

Manitoba Hydro notified 31 affected (16) or adjacent (15) landowners by direct letters dated March 22nd, 2013. These letters outlined the project details, noted the time and location of the public open house, and provided a Manitoba Hydro contact. Individuals were encouraged to contact Manitoba Hydro or attend an open house to discuss any potential concerns with the Project. These direct mailings consisted of the following materials:

- Personalized letter;
- Project Newsletter; and
- 1:45,000 Topographic map of the location of the pipeline.

One (1) Rural Municipality was notified of the Project. The notification package contained the materials listed above and were sent to the Rural Municipality of Montcalm. These letters were followed up with a phone call to set a time for Manitoba Hydro to present the Project to council members.

Two (2) First Nations were notified regarding the Project and received all the material listed above. Manitoba Hydro offered to meet with the communities and a follow up call was undertaken. The following First Nations communities were both notified of the Project by direct mailing:

- Peguis First Nation; and
- Roseau River Anishinabe First Nation.

The Manitoba Metis Federation was notified regarding the Project by direct mailing and included all available mapping as well as the Project newsletter.

An example of the direct letter sent to landowners is provided as Appendix B.

3.2 Postal Code Drop

As part of the public engagement program, Manitoba Hydro undertook a postal code drop to inform the general public of the proposed Project. 512 individual mailers (both residential and commercial) were sent out to the following postal codes in the RM of Montcalm:

- R0G 2B0 – St. Jean Baptiste
- R0G 1C0 – Letellier
- R0G 2C0 – St. Joseph

These mailers were 10” x 6” (color) and included a brief project summary, a simplified map of the proposed location of the Project as well as time, date and location of the public open house. Manitoba Hydro contact information was also provided on each mailer.

3.3 Newspaper Advertising

Manitoba Hydro utilized the Winnipeg Free Press to notify the general public of the public open house. The open house advertisement ran in the Weekend Edition of March 23rd and April 6th 2013. This advertisement included a brief project summary, a simplified map of the proposed location of the Project as well as time, date and location of the public open house. Manitoba Hydro contact information was also provided in the newspaper advertisement.

Manitoba Hydro also utilized the following local newspapers to ensure local residents were aware of Manitoba Hydro's Project activities:

- Altona Valley Echo
- Emerson Southeast Journal
- Morris Mirror (*week of March 27th only as the newspaper closed the following week*)

3.4 Radio Advertising

Manitoba Hydro utilized local radio advertising to promote the public open house and to inform local residents of Manitoba Hydro's Project activities. The following radio stations announced the time and location of the public open house as well as provided a short project description three times per day.

- Altona – 950 (CFAM-AM)
- Steinbach – 1250 (CHSM-AM)
- Steinbach – 96.7 (CILT-FM)

4.0 Phone Line

Manitoba Hydro provided contact information in all direct mailings, materials and advertisements. In total one individual contacted Manitoba Hydro to discuss the Project.

5.0 Meeting

Manitoba Hydro wished to discuss the Project with the local RM, First Nations, the MMF and any other interested stakeholder. The following outlines the meetings that were completed as well as meetings which are still outstanding.

5.1 Rural Municipality of Montcalm

The Rural Municipal Council of Montcalm was notified of the Project by letter and follow up phone call. Manitoba Hydro requested a meeting to present the Project to council and was undertaken April 9th, 2013 at 1:00pm in council chambers.

At the council meeting, the Manitoba Hydro representative provided an outline of the Project, discussed the environmental assessment process for the project, discussed project timelines, landowner compensation and topics related to design and construction. Following the presentation, a question and answer period was offered to council members.

A summary of this meeting is available upon request. Topics discussed through this meeting and the public open house are summarized in Section 8.0.

5.2 Roseau River Anishinabe First Nation (RRAFNF)

Manitoba Hydro has been in contact with a RRAFNF representative and has provided the representative with electronic versions of the newsletter, letter and map (initially sent out to the community by mail dated March 22nd 2013). Discussions are ongoing with the representative and at their request the storyboards utilized for the public open house and a summary of topics discussed were sent by email on

April 18th 2013. Manitoba Hydro has met with the RRAFN representative on April 25th 2013 to discuss this Project. It was noted by the representative that the Customs Council (a group of representatives from families within the community) would like to be informed about the Project as well as any other projects Manitoba Hydro is undertaking in the area. Dates are being discussed and Manitoba Hydro is confident this meeting will be scheduled in the near future.

5.3 Peguis First Nation

Manitoba Hydro has attempted to arrange meetings with Peguis First Nation to inform Chief and Council of the Project. At the request of Peguis First Nation, Manitoba Hydro has attempted to organize meetings with Chief and Council via communication with their consultant. At the time of report finalization, no meeting was able to be scheduled with the community. . Manitoba Hydro continues to endeavor to meet with the First Nation to discuss this Project, as well as other projects being undertaken by the Corporation.

5.4 Manitoba Metis Federation (MMF)

Manitoba Hydro contacted the Manitoba Métis Federation on a number of occasions to ensure receipt of the package, which had been sent dated March 22nd 2013. It was noted that it had been received. Manitoba Hydro requested a meeting to discuss the Project if there was interest from the MMF leadership. It was indicated to Manitoba Hydro that the Manitoba Metis Federation would be unable to meet from April 5th to April 29th 2013 to talk about the Project. The project team has had no further communication with the MMF regarding the Project. Manitoba Hydro is open to meeting with the MMF to discuss this Project yet at the time of report finalization, no meeting has been scheduled.

6.0 Public Open House

One (1) public open house was held at the St. Jean Centennial Hall located at 209 Caron Street in St. Jean Baptiste on April 10th 2013 from 9:00am to 8:00pm as a drop-in event. This venue was open to all members of the public to come and discuss the Project. A total of 18 individuals participated in the open house.

The open house provided project information in the form of storyboards, mapping, a construction slideshow and tangibles. Manitoba Hydro focused the open house on the following topics:

- Project description & project need;
- Pipeline safety & installation (through storyboards, tangibles and a construction slideshow);
- Landowner compensation;
- Environmental assessment; and
- Project Study Area topographic mapping (1:45,000 scale mapping – poster size and 11”x17”).

Participants were greeted by a Manitoba Hydro representative who toured them through the material. Comment sheets were provided to each participant as well as a Project newsletter and map.

Representatives from Manitoba Hydro were available to answer questions. Attendees from Manitoba Hydro included: staff from licensing and Environmental Assessment, engineers related to the Project and property acquisition agents.

Comments and concerns regarding the Project are summarized and discussed in Section 8.0 of this report.

7.0 Materials Presented

Manitoba Hydro utilized a variety of materials to outline the Project to participants through the direct mailings and public open houses.

7.1 Newsletter

A newsletter was created for the Project that outlined the following topics:

- Project Description;
- Environmental Licensing;
- Project Schedule;
- Environmental Assessment & Public Notification;
- Design Details;
- Construction;
- Safely Living and Working Around Pipelines; and
- Maintenance and Operation.

The newsletter was sent to all landowners adjacent and traversed, the RM of Montcalm council, First Nations Communities, and the MMF. The newsletter was provided to all participants who attended the public open house.

The newsletter contained a contact phone number and email address for a Manitoba Hydro representative to discuss any questions or concerns regarding the Project.

A copy of the newsletter is provided as Appendix C.

7.2 Mapping & Photography

Project mapping was an integral piece to the public engagement program. Project mapping was provided in direct mailings, in public advertising and used as a central focus at the public open house.

Topographic mapping was utilized at the 1:45,000 scale. Poster sized mapping was placed in the center of the open house venue. These maps allowed individuals to situate their landholdings in relation to the proposed location of the natural gas pipeline as well as provide commentary on specific sites along the proposed route.

Manitoba Hydro utilized a construction slideshow at the public open house, which assisted participants in understanding what to expect if the proposed project was to be licensed and construction was undertaken. The photographs included visual representation of the following steps: surveying, trenching, welding, installation and reclamation.

Project maps are provided as Appendix A.

7.3 Project Tangibles

At the public open house, Manitoba Hydro had tangibles on display to assist participants in understanding the materials that would be required for this project. The following tangible items were on display:

- Piece of 4" natural gas pipeline;
- Safety/Warning signs that will be utilized for the Project;
- Manitoba Hydro's safety manual developed for natural gas pipelines; and
- "Checkpoint" marker that allows Manitoba Hydro to locate the line below ground.

8.0 Participant Comments

A comment sheet was developed for the Project to assist the Project team in collecting information from participants as well as allowing a method to track specific discussions. The comment sheet is provided as Appendix D.

In total, 18 individuals participated in the public open house, one individual contacted Manitoba Hydro through the phone line, and 8 comment sheets were submitted to the Project Team.

The following provides a summary of the discussions which were held with participants, the concerns raised and questions that were asked.

8.1 Method of Notification

From discussions at the open house, all notification methods utilized were well accepted by participants. Newspaper advertising (predominantly the Winnipeg Free Press) and the direct mailings were the most common methods individuals noted had informed them of the Project and the location of the open house. Others noted that the postal code drop helped to inform them of Manitoba Hydro's activities even though alternate methods were the predominant method in which they became informed of the Project. Radio was deemed as the least common method in which attendees were informed of the Project.

8.2 Potential for Natural Gas Distribution and Pipeline Location

Many agricultural operators attended the open house to discuss the possibility of further expansion of natural gas distribution opportunities in the area. It was mentioned by many attendees that there would be a large demand from local agricultural operators to modify practices and to limit use of propane if natural gas distribution was available. It was noted by Manitoba Hydro staff that this discussion was outside the scope of the activities being undertaken for this project; however, contact information was collected and in total four (4) individuals were contacted by the appropriate department within Manitoba Hydro to discuss natural gas opportunities for their operations. These individuals were supportive of the proposed location as they believed that it would facilitate future distribution possibilities.

No concerns regarding the location of the line were provided to the Project team during the open house from any attendee.

8.3 Agriculture & Compensation

Discussions regarding potential damages to crops during the construction phase were mentioned by some participants. Potential damages discussed included loss of crop, soil compaction, or loss of seed. It was noted that any damages caused by Manitoba Hydro activities would be compensated for (i.e., loss of seed, creation of ruts, crop damage, etc.).

Manitoba Hydro informed landowners that they will be paid 75% of market value for the 15-metre wide easement expansion across private property as well as any potential construction related damages.

8.4 Topsoil

Many identified an interest in understanding the installation process and how Manitoba Hydro will minimize topsoil and subsoil mixing. It was explained to participants that the construction crew will remove topsoil and place the topsoil on the edge of the easement area during the trenching, welding and installation phase. Once the pipeline is placed in the ground, the topsoil will then be placed where it was removed and then reclamation of the area would occur.

8.5 Access

A landowner was concerned that the construction phase of the Project could potentially damage crop outside the easement due to access points on their land parcel. It was outlined to the landowner that contractors will contact landowners before construction begins to understand any time sensitivities or access issues and will work to minimize any potential issues.

8.6 Waterways

There was a question from the Roseau River Anishinabe First Nation as to whether there should be concern regarding waterway crossings when laying natural gas pipelines. It was outlined that there are no waterways being traversed by this Project, but when Manitoba Hydro undertakes construction to traverse a waterway, directional drilling is utilized and follows the guidelines set out by the Department of Fisheries and Oceans.

8.7 Support for the Project

No opposition regarding the Project or its location was heard from any of the attendees at the open house. Predominant discussions were related to the potential for natural gas in the vicinity of the pipeline indicating a desire for further natural gas access in the area by local residents.

8.8 Environmental Assessment Process

Many individuals were interested in the regulatory process for the Project. Discussions included what the environmental assessment would consist of and what the timelines were for the assessment. It was explained that the submission of the assessment was anticipated for the beginning of May and that there would be a public review period through Manitoba Conservation and Water Stewardship if any individual wished to comment on the report.

9.0 Feedback Incorporation

No route specific or sensitive sites were identified throughout the engagement process. Manitoba Hydro noted to landowners that their concerns regarding access can be addressed through the property acquisition phase once the project is approved, as well as with the contractor hired to undertake the installation of the pipeline. Manitoba Hydro will continue to ensure that local individuals and communities are informed about Manitoba Hydro's activities in relation to this Project.

10.0 Future Follow-Up Requirements

Manitoba Hydro will continue to contact individuals who left their contact information to have a Manitoba Hydro representative contact them to discuss the feasibility of distribution to their agricultural operations.

Manitoba Hydro will also continue to answer questions related to the Project on the contact information provided on all Project materials.

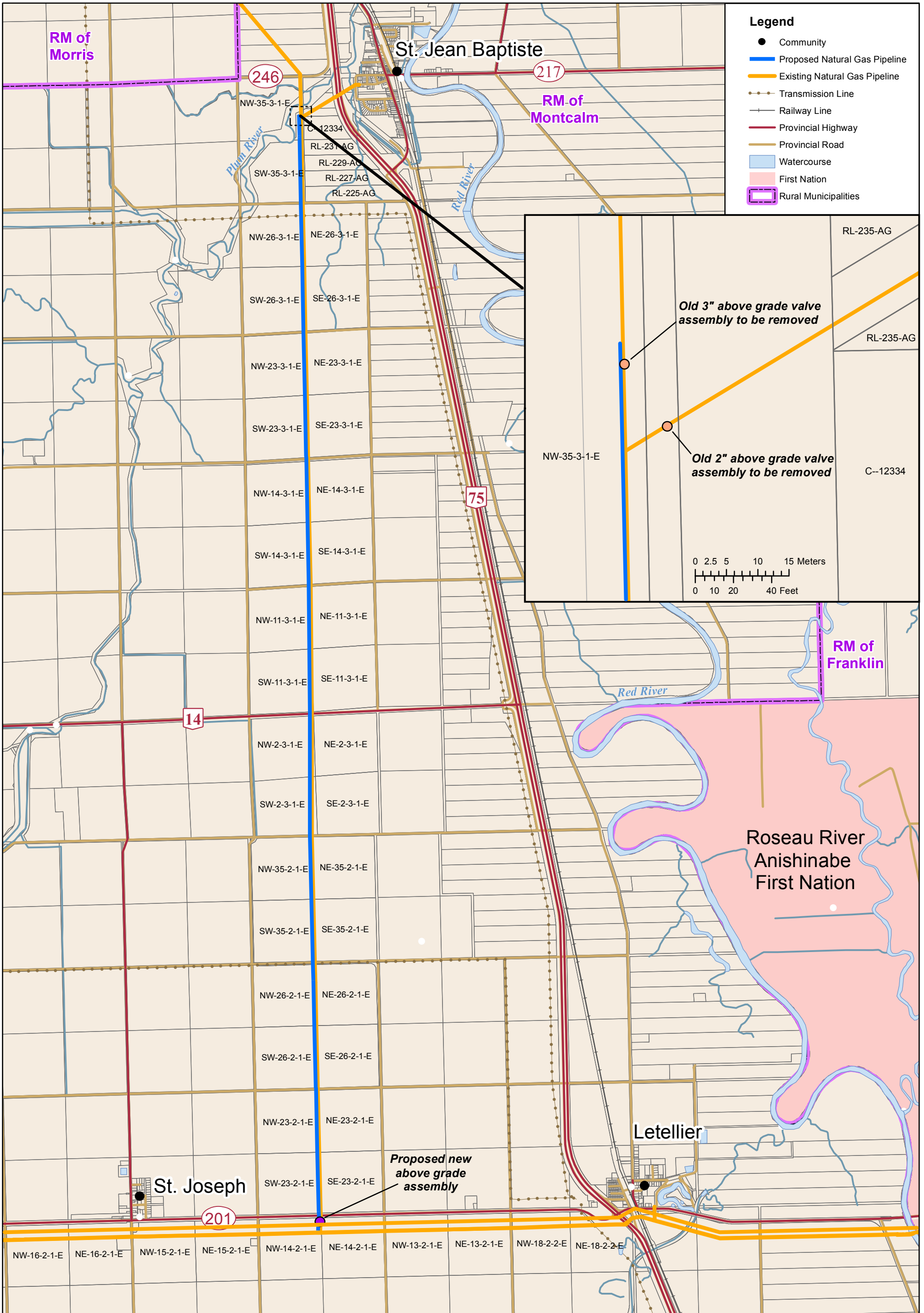
As part of the public engagement program, Manitoba Hydro will notify the public, stakeholders, First Nations and the MMF that the environmental assessment report has been submitted to regulatory authorities (Manitoba Conservation and Water Stewardship) and that the assessment is available for public review and comment.

11.0 Conclusions

Manitoba Hydro undertook a public engagement program, which began March 2013, to inform the public of the activities being proposed by Manitoba Hydro. Utilizing a variety of notification methods and engagement mechanisms to discuss the Project, Manitoba Hydro received feedback regarding the project and achieved the goals which were set forth at the onset of the program. At the time of report finalization, meetings with communities were still outstanding and Manitoba Hydro will endeavour to discuss the Project where there is interest.

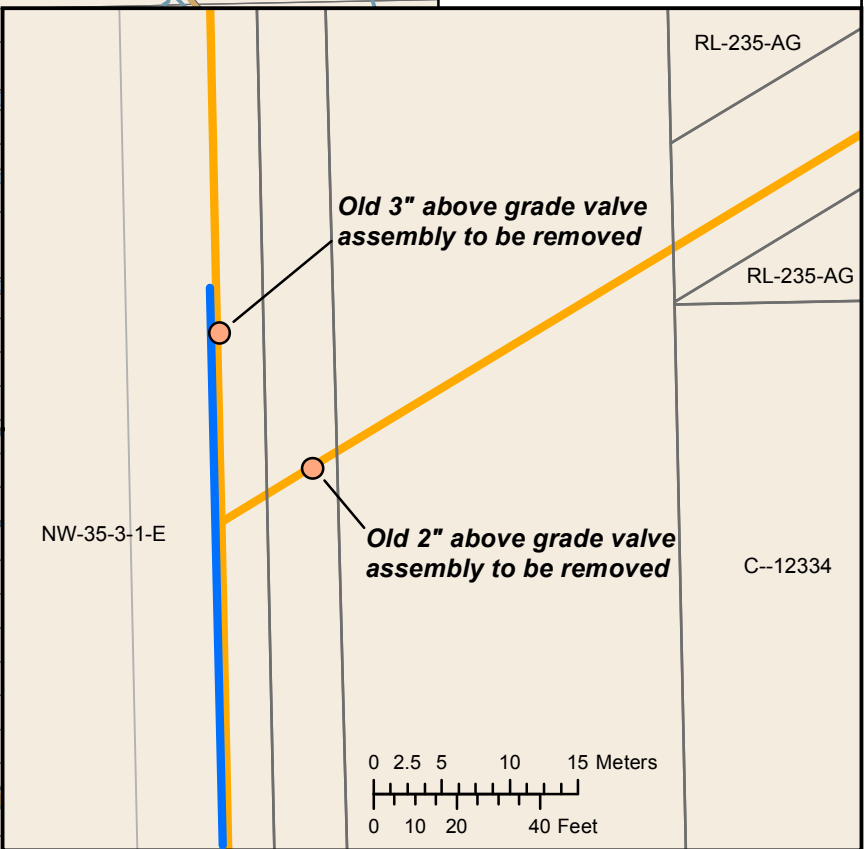
The public engagement program indicated that there was support amongst local landowners and the general public in close proximity to the pipeline location. Many viewed the project as having long-term potential benefits (future distribution opportunities) with some short term potential inconveniences with regards to agricultural operations such as soil compaction and crop loss. No participant indicated opposition towards the Project or the compensation package being offered.

Appendix A – Project Mapping

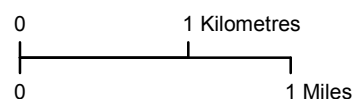


Legend

- Community
- Proposed Natural Gas Pipeline
- Existing Natural Gas Pipeline
- Transmission Line
- Railway Line
- Provincial Highway
- Provincial Road
- Watercourse
- First Nation
- Rural Municipalities



Coordinate System: UTM Zone 14N NAD83
 Data Source: MB Hydro, ProvMB, NRCAN
 Date Created: March 20, 2013



1:45,000

**Proposed Morris
 Natural Gas Pipeline Project
 Proposed Pipeline Route**

Draft: For Discussion Purposes Only

Appendix B – Landowner Letter



P.O. Box 7950 Stn Main, 820 Taylor Avenue • Winnipeg Manitoba Canada • R3C 0J1
Telephone / N° de téléphone : (204) 360-4305 • Fax / N° de télécopieur : (204) 360-6176

March 22, 2013

[Name]
[Address]
[Town], MB
[Postal Code]

Dear Landowner:

Re: Proposed Morris Natural Gas Transmission Pipeline Project

Manitoba Hydro would like to advise you of a proposed natural gas transmission pipeline project. Recent development has reduced the natural gas capacity in the Morris, Letellier and St. Jean Baptiste area. This project will serve existing natural gas customers and will meet the future needs of the surrounding areas. The proposed location of the pipeline is noted on the enclosed map.

The project will include the installation of a new 4" underground steel pipeline immediately adjacent to an existing underground pipeline located approximately 4km west of the community of Lettelier. This pipeline will travel 14.5 km north to St. Jean Baptiste where the pipeline will connect with an existing 3" steel pipeline in the RM of Montcalm.

This project will also include the removal and installation of above grade infrastructure

This project requires a Class 2 Licence under the Manitoba *Environment Act* and an environmental assessment report will be submitted to Manitoba Conservation and Water Stewardship (MCWS) as part of the approval process. Manitoba Hydro will adhere to all guidelines and licence conditions outlined by MCWS which will be specific to this project. All environmentally sensitive areas will be crossed using directional drilling methods in order to minimize any potential impacts from construction.

Manitoba Hydro will be holding a drop-in Public Open House in the RM of Montcalm to respond to questions and address concerns with local residents. The open house will be held at the;

St. Jean Centennial Hall
203 Caron Street
St. Jean Baptiste
April 10th, 2013
9:00 am to 8:00 pm

Manitoba Hydro is interested in discussing the details of the Project with those in the vicinity of the proposed route. If you wish to ask any questions or would like to have your concerns or questions addressed, please attend the open house or please contact me directly at 204-360-4305.

We look forward to discussing this Project with you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Trevor Joyal". The signature is fluid and cursive, with a large initial "T" and "J".

Trevor Joyal
Environmental Specialist
Licensing & Environmental Assessment Department

Appendix C – Project Newsletter

Safely Living and Working Around Pipelines

The pipeline easement allows for normal agricultural operations to occur with minimal limitations and will help ensure that the pipeline is operated safely. Landowners are advised to contact Manitoba Hydro's "Call Before You Dig" line prior to starting any activities such as fencing, installing drainage systems, augering or other activities where there is a risk of impacting the pipeline. Permanent structures cannot be built within the easement at any time, and for safety reasons the landowner must notify Manitoba Hydro if there are going to be any activities within the easement other than the expected agricultural operations.

Manitoba Hydro will adhere to all guidelines to ensure safety during construction and operation of this pipeline.

Maintenance and Operation

After the pipeline is operational it will be maintained to ensure that it is operating safely. Manitoba Hydro has a formal Integrity Management Program that assesses potential risk to the pipeline and specifies programs that will be used to monitor the condition of the pipeline. The frequency that the programs are run is dependent upon the risk to the pipeline, and examples of these maintenance programs are:

- Leak Detection Surveys - a gas detection device is used to inspect the entire length of the pipeline to detect any natural gas leaks.
- Right-Of-Way Patrols - maintenance personnel will inspect the right-of-way for signs of damage or potential risks to the pipeline.
- Cathodic Protection Monitoring - qualified technicians will assess the condition of the cathodic protection that is applied to the pipeline.
- Depth of Cover Surveys - measurements of the depth of soil cover above the pipeline will be taken to ensure that the pipeline is adequately protected from potential damage.



Contact us with any questions, comments or concerns

Trevor Joyal
Environmental Specialist
Licensing and Environmental Assessment Department

Phone: (204)360-4305
Email: tjoyal@hydro.mb.ca



MORRIS NATURAL GAS PIPELINE PROJECT

MARCH 2013



Project Description

The Morris natural gas transmission project will include the installation of a new 4" steel pipeline approximately 4km west of the community of Lettelier. This pipeline will travel 14.5 km north to St. Jean Baptiste where the pipeline will connect with an existing 3" steel pipeline in the RM of Montcalm.

This project will also include the installation and removal of above grade infrastructure.

Recent development has reduced the natural gas capacity in the area. This project will serve existing natural gas customers and will meet the future needs of the surrounding areas.



Trenching being undertaken for a past gas pipeline project by Manitoba Hydro

Environmental Licensing

This project will require a Class 2 licence under Manitoba's *Environment Act*. An environmental assessment will be undertaken regarding the Project and will be submitted to regulators for review. The licensing process to obtain approval for construction by Manitoba Conservation and Water Stewardship has commenced.

Manitoba Hydro will adhere to all licensing conditions as outlined by Manitoba Conservation and Water Stewardship which will be specific to this project. All environmentally sensitive areas identified will be crossed using construction techniques that minimize surface disruption.

Project Schedule

Final Design:	March 2013
Public Notification:	March 2013
Public Engagement:	April 2013
Pipeline Construction:	June 2013
Clean-up and Land Restoration:	August 2013
In-Service Date:	August 2013

Environmental Assessment & Public Notification

Manitoba Hydro will undertake an environmental Assessment of the Project for submittal to Manitoba Conservation and Water Stewardship. The environmental assessment will:

- Identify project components and characterize the environment
- Identify potential effects the Project may have on people and the environment
- Determine ways to avoid or reduce potential adverse effects



Manitoba Hydro is notifying adjacent landowners and the general public to encourage Project discussion and to acquire Project Feedback. Feedback received throughout the process will be incorporated into the environmental assessment and mitigation measures to minimize potential impacts that the Project may have in the area.

The inserted map outlines the location of the Morris Natural Gas Pipeline Project. Manitoba Hydro is interested in meeting with any landowner in the vicinity of the line with inquiries or concerns they may have regarding the Project. Contact information can be found on the back side of this newsletter.

Design Details

The design details will meet or exceed the requirements of the Manitoba Public Utilities boards, the CSA Z662-11 Oil and Gas Pipeline Systems Code and all applicable Manitoba Hydro Gas Standards.

- Pipe installation 1.0 m (3.3 ft) below grade. This depth will allow for adequate protection of the pipeline when farm equipment or other large machinery travel over the pipeline.
- Isolation valves installed at both ends of the new pipeline to control the natural gas flow.
- Above grade piping will be installed within Manitoba Hydro owned property and protected by bollards and fencing.
- The pipeline location will be marked at each mile road and in any location where the pipeline crosses waterways or other service roads.
- Corrosion on the pipeline will be controlled through a factory pipe coating and cathodic protection. Cathodic test points will be installed approximately every mile.

Construction

The pipeline will be installed to meet industry standards and Manitoba Hydro representatives will be on-site to monitor the construction. It is our intent to construct the pipeline in the safest manner possible and best efforts will be made to minimize the disruption to agricultural operations during the project. During construction some of the activities will be:

- **Survey:** The right-of-way and pipeline alignment will be staked out to ensure that the pipeline is installed exactly as designed.
- **Topsoil Removal:** On agricultural land the topsoil will be pushed to the side of the right-of-way to prevent mixing of the topsoil with the subsoil and to minimize compaction. The topsoil will be removed to a maximum of 12 inches.
- **Pipe Welding:** The pipe will be welded together in accordance with CSA Z662-11 and all welds will be examined to confirm quality.
- **Trenching:** The pipe will be installed in a trench approximately 18-24 inches wide using track-hoes or a large trenching machine.
- **Directional Drilling:** All waterways and environmentally sensitive areas (if any) will be installed by directional drilling to minimize the impacts to these areas.
- **Lowering and Tie-Ins:** The majority of the pipeline will be welded above grade and lowered into place. When two long sections of pipeline are tied together a larger excavation will be made to allow the welder to access the pipeline below grade.
- **Pressure Testing:** Prior to putting the pipeline into service it will be pressure tested to confirm the pipeline's strength and to ensure there are no leaks.
- **Restoration/Clean-up:** After the pipeline is energized the topsoil will be re-spread and leveled to allow regular land-use to resume.



Preparation for trenching and pipeline installation.



Post construction and restoration

Appendix D - Project Comment Sheet

Comment Sheet

How did you hear about this Open House?

Postcard Letter Newspaper Word of Mouth Website Other: _____

Do you have any concerns regarding the location of the proposed pipeline?

Are there any sensitive sites you believe Manitoba Hydro should be aware of during the installation of this pipeline? (Please feel free to attach a map to this comment sheet if necessary)

Do you have recommendations for Manitoba Hydro on minimizing any potential effect of this Project?

What are your predominant concerns regarding this Project? (Check all that apply)

Access		Health/Safety		Wetlands	
Aesthetics/Visual		Location		Wildlife:	
Agricultural		Property		Other:	
Construction		Reclamation		Other:	
Economic		Vegetation		Other:	



