

APPENDIX 'G'

MANITOBA HYDRO GAS RESPONSE LETTER

March 18th, 2025

MH Gas File # 2025-0120

Dominic Catolos
Dillon Consulting Limited
300-100 Innovation Drive
Winnipeg MB R3T 6G2

Dear Dominic:

Re: 25-R-06; 29-2025 Local Street Renewal Project

Manitoba Hydro (Gas) has reviewed the design submitted by Dillon Consulting Limited for the pavement reconstructions and rehabilitations. The following parameters shall be followed when working in proximity to all natural gas mains. Please ensure that all requirements are communicated to your contractor.

1. Special Concern – Insulated Flange

- It was noted that Manitoba Hydro has a below grade flanged fitting requiring replacement on Willow Point road. See the attached as-built drawings depicting the location of the Insulated Flange.
- Manitoba Hydro will replace the below grade flange at no cost to your project, however it should be coordinated during construction to avoid additional impacts on the area. Please update us with an accurate schedule of the work in this area. For updates from Manitoba Hydro please contact:
 - Curtis Menzul
 - P: 204-360-5286
 - E: cmenzul@hydro.mb.ca
- Under normal circumstances, the amount of time to mobilize for this work is approximately 2-3 weeks.

2. Special Concerns

- Upon review, it was noted that proposed work impacts existing 60.3 mm and 114.3 mm PE and steel distribution pressure gas mains. During construction, gas mains should not be undermined or exposed past the 3 o'clock and 9 o'clock positions on the cross section of the pipe.
- Please locate any mains within 1.0 m or underneath the proposed work and investigate to determine depth of cover in relation to both existing and proposed grades. Note that all locating and soft-digging requirements listed below are to be upheld.

- If it is determined that a final minimum depth of cover of 750 mm cannot be maintained for the gas distribution mains, then contact Irtaza Khan at irkhan@hydro.mb.ca to discuss options pertaining to relocations or lowerings as soon as possible. Under normal circumstances, the amount of time required to mobilize for small diameter distribution relocations or lowerings is approximately 3-5 months.

3. Insufficient Cover

- Absolutely no work including concrete cutting or pavement breaking may occur over the pipeline (regardless of size) until depth of cover is determined.

4. Sidewalk Renewals

- Excavations shall be limited to removal of the existing concrete sidewalk. All further excavations within 1.0 m of any natural gas main or service must be completed by hand or soft dig methods.

5. Asphalt Overlays and Road Reconstruction

- When excavations for concrete works are required within 1.0 m of any natural gas main, the main must be exposed by hand or soft dig methods to verify the main elevation at intervals to be determined by the site inspector.
- Should a main be exposed to sub-base, the main requires rock wrap and may also require lowering.

6. Service Relocations

- This project may impact services. Services that are to be exposed in the subgrade must be rock wrapped and lowered during construction or replaced prior to construction. Manitoba Hydro will not be able to complete rock wrapping or lowering of any services unless the lowering is minimal (i.e. < 100-150 mm or < 4-6").
- Under normal circumstances, the amount of time required to mobilize for this work is approximately 2-3 weeks.
- Please contact Curtis Menzul at 204-360-5286 or cmenzul@hydro.mb.ca for any work required on site.

7. General:

- Please note that the requirements of Manitoba Hydro's Safe Excavation and Safety Watch guidelines shall apply. All natural gas pipelines and service lines must be properly located and marked by Manitoba Hydro personnel. This can be arranged by visiting **ClickBeforeYouDigMB.com** or call **1-800-940-3447**. Construction operations are not to commence unless these conditions are adhered to.
- All excavations within 1.0 m of any natural gas main must be completed by hand or Hydro-excavation.
- A minimum separation of 300 mm from gas mains and 100 mm from service lines must be maintained for any new underground structure installations excluding directionally drilled, punched, and bored crossings. If an underground structure must be installed with less than the minimum separation, an underground rigid foam barrier shall be placed over the main for protection. Submit plans for barrier installation to Irtaza Khan at irkhan@hydro.mb.ca.

- A minimum 600 mm of cover shall be maintained in all areas where highway rated equipment will be crossing, traveling or compacting over the 114.3 mm, and 60.3 mm gas mains. Vibratory compaction cannot be used over or within 1.0 m of a main.
- A minimum 450 mm of cover shall be maintained in all areas where highway rated equipment will be crossing, traveling, or compacting over the gas service lines. Vibratory compaction cannot be used over or within 1.0 m of a service.
- If highway rated equipment must cross, travel, or compact over the gas main with less than the minimum depth of cover, or if equipment heavier than highway rated load cross the main then submit construction/crossing plans to Irtaza Khan at irkhan@hydro.mb.ca. Earth bridging or steel plates must be placed over the main and extend a minimum of 1.0 m on either side at each crossing location when crossing with less than minimum cover.
- All construction operations within the vicinity of natural gas pipelines are to take place in a manner so as not to damage or cause detriment to the integrity of the natural gas pipeline. Any damages to the coating must be reported to and repaired at no cost by Manitoba Hydro prior to backfilling.

Manitoba Hydro believes that there should be no problem with this work; however, Manitoba Hydro makes no representations or warranties in that regard.

If you have any questions or comments, please contact the undersigned.

Regards,



Irtaza Khan, P.Eng
Manitoba Hydro - Gas Design
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IK/AM

Cc: Curtis Menzul, Gas Operations MTCE – Sutherland Ave, Manitoba Hydro
Robert Morrison, Damage Prevention – Sutherland Ave, Manitoba Hydro
Aaron Dueck, District Service Worker – Henlow Bay, Manitoba Hydro
Aldo Garofalo, Gas Operations MTCE – Sutherland Ave, Manitoba Hydro