

Informational Notice 15-02 – Spatial Data Requirements for Pipelines

Effective December 1st, 2015 as part of our ongoing effort to maintain fast and efficient service to our clients, the Manitoba Petroleum Branch requires spatial data submission shall use shapefile format in UTM NAD83, zone 14N projection. The submission shall be included with the applicable pipeline application with the parameters listed below:

1) Pipeline Construction Application:

- i) A digital survey of the pipeline right-of-way (ROW).
- ii) The attribute table shall include a field with the Project Name (String format, max 100 characters) named 'PROJECT_NAME'.
- iii) File naming convention shall follow the format:
'pipeline_projectname_companyname_row_spatial_data'
i.e. *pipeline_oilproject_abc_row_spatial_data*

2) Pipeline Operation Application:

- i) A digital survey of the pipeline representing each of the as-built pipeline segments (as designated by the Petroleum Branch) within the right-of-way (ROW).
- ii) The attribute table shall include a field with the segment number as generated by the Petroleum Branch (Long Integer format) named 'LICENCE' and a field with the licence segment length (Double format) named 'LENGTH'.
- iii) File naming convention shall follow the format:
'pipeline_projectname_companyname_final_spatial_data'
i.e. *pipeline_oilproject_abc_final_spatial_data*

3) Pipeline Transfer or Modification Application:

- i) A digital survey of the pipeline segments if the data has already been gathered or is in the process of being gathered applicable to transfer applications. Modification applications with new construction portions shall submit a digital survey of any new construction segment.
- ii) The attribute table shall include a field with the segment number as generated by the Petroleum Branch (Long Integer format) named 'LICENCE' and a field with the licence segment length (Double format) named 'LENGTH'.
- iii) File naming convention shall follow the format:
'pipeline_projectname_companyname_final_spatial_data'
i.e. *pipeline_oilproject_abc_final_spatial_data*

4) File names must *not* include spaces or any of the following characters; [] { } ' , : ; " ? () + = * & % \$ - ! @ # ^ < > .

Note: The definition of a pipeline as per Bill 21, The Oil and Gas Amendment and Oil and Gas Production Tax Amendment Act is:

“pipeline” means a pipe or system of pipes that is designed or used to convey oil and gas, refined petroleum products or other fluids produced by, or association with, an oil and gas facility, and includes

- a) a pipeline located wholly within the province,
- b) the part of an interprovincial pipeline that is located in the province and that the National Energy Board, established under the National Energy Board Act (Canada), has delegated authority to the government to regulate, and
- c) all real and personal property used for the purpose of, or in the connection with or incidental to, the operation of a pipeline, including tanks, surface reservoirs, pumps, racks and storage, loading and other terminal facilities,

but does not include a flowline, transmission line, distribution system or refining, manufacturing or marketing pipeline situated wholly within the property of an industrial plant; (pipeline).

Please email submissions to: Peter.Mraz@gov.mb.ca .

Note: Current e-mail limitations are 10MB in size (files can be zipped to facilitate this, see http://www.gov.mb.ca/iem/petroleum/infonotes/data_security_recommendations.docx for security suggestions). If confidentiality is a concern, or the file is larger than 10MB, files can be submitted by a digital storage device, labelled with the company name, pipeline operating licence number (if applicable), and project description. These files can be sent to the appropriate Petroleum Branch office in Winnipeg, Virden or Waskada and must be clearly marked Attn: Peter Mraz.

Any questions regarding pipeline application requirements may contact Peter Mraz, Chief Petroleum Engineer Tel: (204) 945-6576 or e-mail: Peter.Mraz@gov.mb.ca

Any questions regarding digital pipeline submission requirements or how to obtain pipeline data from the branch may be directed to Leonardo Leonen Tel: (204) 945-6570 or e-mail: Leonardo.Leonen@gov.mb.ca

Keith Lowdon
Director, Petroleum Branch
Growth, Enterprise and Trade