

ENBRIDGE GAS INC.
Answer to Interrogatory from
Board Staff (STAFF)

Reference: Exhibit C1/ Tab 2/ Schedule 1/ pg. 90 – Asset Information Management.

Question:

Asset data provides the foundation for asset life cycle decision-making, as outlined in Asset Management Strategies (Section 4.1.3). Asset data exists in both structured (from databases residing within information systems), and unstructured (on paper and scanned) forms. Asset information derived from these sources, supported by company and industry knowledge, is leveraged for asset analysis and modeling to:

- Understand condition and predict risk
- Support risk and opportunity assessments
- Inform and support asset health reviews and Engineering Reliability Assessments
- Establish asset inventory and population over time
- Ensure compliance with company policy and regulatory requirements
- Make operational asset decisions, e.g. emergency response
- Ensure safe and reliable operations e.g. core work, maintenance

With the company's growing focus on asset, integrity, and process safety management, there is a need for various groups in Operations, Integrity, and Asset Management to perform analyses based on a common understanding of hazards, asset master data, and a current understanding of the asset condition. Tools and methods to collect, store, manage, and use this data in a consistent and repeatable way are described in Table 4.2-3.”

- a) The company has indicated that one of the objectives for asset analysis and modeling is to establish asset inventory and population over time. What is the degree of completion of the asset inventory?
- b) For the assets in (a) above, what percentage of assets have undergone asset condition assessment?

Response

- a) Asset Classes and Sub-classes are defined in Asset Plan and there is an inventory of the gas-carrying assets, fleet, real estate, and physical IT Assets. These exist in various systems in the organization but there is only one system of record for any

particular asset or sub-asset as defined in the asset plan. In some cases, the inventory is derived from attributes of the asset (for example valve or regulator type, installation date). To the extent that this information is missing or inaccurate, there is an ongoing effort to confirm the inventory of that asset sub-class. A visual representation of each asset class as well as the current asset inventory is included for each of the 9 asset classes in the EGD rate zone's AMP.¹

- b) Some assets can be directly assessed in terms of their condition (inline inspection of pipelines, direct inspection of stations). In other cases, no direct condition assessment can be completed because the assets are below grade.

¹ Exhibit C1, Tab 2, Schedule 1, page 105.