

1 Q. Re page B-23: provide copies of any engineering studies, condition  
2 assessments or other reports which would lead to a conclusion that corrosion  
3 is occurring in Stephenville, including any available material relative to both  
4 Stephenville and Hardwoods. What, if any, inspection has been done on  
5 these pipes and what would be the estimated cost of an inspection?  
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8 A. The need to replace the underground fuel pipes at Stephenville (installed  
9 thirty years ago) is based on experience at Hardwoods where there is a  
10 similar installation. In 2006 at Hardwoods, while excavation was taking place  
11 in the area of fuel pipes, soil contamination became apparent. After further  
12 investigation it was observed that the pipes were corroded from the outside  
13 and were leaking. The Stephenville installation is one year older than that at  
14 Hardwoods and is located in a more exposed location near the sea coast.  
15 These conditions are expected to be conducive to an accelerated rate of  
16 corrosion. This was confirmed by inspection of the above ground steel  
17 structures at Hardwoods and Stephenville; corrosion is more advanced at  
18 Stephenville.  
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20 A pipeline inspection has not been performed at Stephenville. This would  
21 require excavating the underground piping followed by backfilling and  
22 pavement repairs. The cost to perform this work is estimated to be 50% of  
23 the cost to excavate and replace the existing pipeline.