Exhibit No. ___T (DL-1T)
Dockets UE-120436, et al.
Witness: David Lykken

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

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|---|---|
| WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,<br><br>Complainant,<br><br>v.<br><br>AVISTA CORPORATION, d/b/a AVISTA UTILITIES,<br><br>Respondent. | DOCKETS UE-120436/UG-120437<br>*(consolidated)* |
| WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,<br><br>Complainant,<br><br>v.<br><br>AVISTA CORPORATION d/b/a AVISTA UTILITIES,<br><br>Respondent. | DOCKETS UE-110876/UG-110877<br>*(consolidated)* |

# TESTIMONY OF

**David Lykken**

**STAFF OF**
**WASHINGTON UTILITIES AND**
**TRANSPORTATION COMMISSION**

***Re: Aldyl A Pipeline Replacement Program***

**September 19, 2012**
**Revised November 15, 2012**

**Q. How much of this pipe does Avista have in its system?**

A. According to Avista, the Company has approximately ~~8,500~~ 1,150 miles of pre-1984 Aldyl A pipe in its system, ~~46~~ 28.5 percent of which is located in Washington. The Company also has 16,000 service tees that connect to Aldyl A pipe, 46 percent of which are in Washington.

**Q. What are the problems with this pipe?**

A. According to Avista, there are four problems: 1) Overtightening of caps on plastic service connections; 2) Rock Contact and squeeze-off; 3) Plastic services tapped from steel mains; and 4) Settlement of the main pipe. Exhibit No. ___ (DFK-3) at 18.

**Q. What is Avista doing about these problems?**

A. Avista analyzed these problems in the context of its DIMP. The result is that this Aldyl A pipe presents the second most significant safety risk on the Company's system, after third party damage. As a consequence, Avista is treating this as a priority item, and is proceeding to replace the pipe over a 20-year period.

## B. The Distribution Integrity Management Plan

**Q. What is a Distribution Integrity Management Plan?**

A. A Distribution Integrity Management Plan, or DIMP, is a plan under which a gas pipeline company must evaluate the safety risks on its system and then make a plan to address each of the risks in some manner.