

January 8, 2020

City of Hollywood
Public Utilities
1621 N 14th Avenue
Hollywood, FL 33022

Attention: Clece Aurelus, PE

Subject: Pure Technologies Condition Assessment

Dear Mr. Aurelus:

Pure Technologies Ltd. ("**Pure**") has created various leak detection and condition assessment technologies that are protected by various North American and international patents and form an integral part of Pure's intellectual property portfolio.

SmartBall® Leak Detection (SmartBall)

Pure's SmartBall leak detection platform is a free-swimming tool that can accurately identify leaks and air pockets in water and wastewater pipelines. It is capable of locating very small leaks typically within 6 feet (1.8 meters) of their actual location.

The applicable U.S. patents are:

Anomaly Detector for Pipelines (untethered, unpowered, rollable device to sense condition of pipeline wall)

Patent No. 8,098,063
Issue Date: 1/17/2012

PipeDiver® tool (PipeDiver)

Pure's PipeDiver is an innovative, free-swimming condition assessment platform for water and wastewater pipelines that operates while a main remains in service. Pure has also developed PureEM®, an electromagnetic (EM) inspection technology for evaluating the current condition of prestressed concrete cylinder pipe (PCCP) (among other types of concrete pipe), bar wrapped pipe and metallic pipe. PureEM is deployed on Pure's PipeDiver tool and Pure's other tools.

The applicable U.S. patents are:

Electromagnetic Analysis of Concrete Tensioning Wires*

Patent No. 6,791,318
Issue Date: 09/14/2004

Patent No. 6,781,369
Issue Date: 8/24/2004

*PureEM has been adapted for use in metallic pipe.

To the best of our knowledge, Pure is not aware of any other company in the United States or elsewhere offering pipeline inspection platforms with the same capabilities and features. This technology is proprietary and forms an integral part of our Intellectual Property Portfolio.

If you require any further information, please feel free to contact me or Jennifer Leone at (786) 918-8793 or by email at jennifer.leone@xyleminc.com.

PURE TECHNOLOGIES U.S. INC.

A handwritten signature in blue ink, appearing to read 'Jason A. Johnson', followed by a long horizontal line extending to the right.

Jason A. Johnson, P.E.
Regional Vice President