

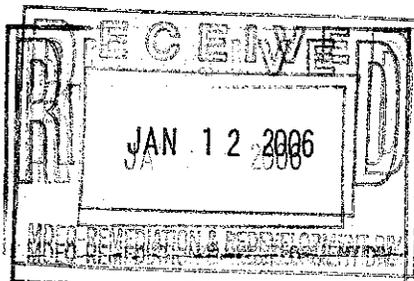
Unit E

Pall Life Sciences  
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January 9, 2006

Ms. Sybil Kolon  
Environmental Quality Analyst  
Department of Environmental Quality  
Jackson State Office Building  
301 E. Louis Glick Highway  
Jackson, MI 49201-1556



**Re:** TW-18 Leak Detection Monitoring

Dear Ms. Kolon:

Pall Life Sciences (PLS) has prepared this letter to provide MDEQ with a brief description of the leak detection system for the operation of extraction well TW-18, installed on Wagner Rd. TW-18 is connected to the Red Pump House by a 4-inch fusion welded diameter high density polyethylene (HDPE) line.

The leak detection system (LDS) consists of 2 flowmeters and an advanced communication arrangement. One flowmeter will be installed at TW-18 and the other will be placed at the other end of the transmission line at the Red Pump House. The flow meters are 4-inch magnetic type and manufactured by Yokogawa. A computer processor will continuously monitor the flow differential between the two flowmeters. Transmission of water from TW-18 will be stopped if there is a 5-gpm or greater discrepancy detected for more than 5 minutes between the two flow meters. PLS will then investigate the reason for the flow discrepancy and resume flow only when the reason for the discrepancy is understood and any concerns regarding leakage are resolved.

Additionally, if there is a communications loss between the flow meters, TW-18 will be shut down automatically. PLS will evaluate when to resume TW-18 operation and whether manual monitoring of the flow meters is a possibility while communications are being established.

Should you have any questions or concerns, please contact me at (734) 913-6130.

Sincerely,

Farsad Fotouhi  
Vice President  
Corporate Environmental Engineering

cc: Robert Reichel, MDAG  
Alan Wasserman  
Michael Caldwell