



November 28, 2007  
10168.003

Accelerated Remediation Technologies, Inc.  
P.O. Box 2697  
Olathe, Kansas 66063

**Attention: Marco Odah, PhD, PE**

**VIA Email/First Class**

**Subject: ART LowPerma® Technology, Former UST Site, Salem, Oregon**

Dear Mr. Odah:

We recently applied the Accelerated Remediation Technologies, Inc., LowPerma® technology at a leaking leaded-gasoline underground storage tank (UST) system site in Salem, Oregon. The results of previous ground water monitoring indicated that higher concentrations of dissolved-phase constituents were present in source area monitoring wells and likely had been for decades.

Of concern, benzene concentrations in ground water historically exceeded the Oregon Department of Environmental Quality generic risk-based concentrations (RBCs) for vapor intrusion into buildings. Residual petroleum hydrocarbons appeared to remain in areas of low permeability clayey soils adjacent to the former UST system excavation.

During mid-August 2007, a LowPerma® system began operating within a single source area remediation well to demonstrate viability and cost-effectiveness, as well as to evaluate remedial progress. The results of performance ground-water monitoring indicate that in 60- to 90-days of operation, LowPerma® has reduced residual source such that source area benzene concentrations in ground water have decreased by over two orders-of-magnitude, and by one order-of-magnitude within an approximate 35-foot zone of influence. All relevant compounds of interest within the well network are presently below remediation goals defined by DEQ generic RBCs allowing maximum beneficial site uses.

The LowPerma® insitu approach via inwell air-stripping and ground water recirculation has demonstrated timeliness and cost-effectiveness for our client. ART customer service assistance is also very much appreciated in the design of the most feasible alternative given the site-specific conditions.

Please contact us at (503) 768-5122 if you have any questions or comments.

Sincerely,  
*EnviroLogic Resources, Inc.*

*Jason C. Howard*  
Jason C. Howard  
Project Hydrogeologist

*Thomas J. Calabrese*  
Thomas J. Calabrese, RG, CWRE  
Principal/Hydrogeologist