



**FOR IMMEDIATE RELEASE**

**January 29, 2020**

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**Protect Environmental Receives Patent on Environmental Remote Monitoring System**

*Vapor Sentinel Remote Monitoring System provides more efficient and effective solution for meeting long-term stewardship and continuing obligations on contaminated radon and chemical vapor intrusion sites*

Louisville, KY, January 29, 2020 – Protect Environmental announced today issuance of the official patent on its environmental remote monitoring system. The system, known as Vapor Sentinel, is now available to monitor and optimize vapor mitigation systems installed on radon and chemical vapor intrusion contaminated sites.

The traditional approach to meeting regulatory requirements and maintaining landowner liability defenses on contaminated sites is costly and provides minimal assurances that building occupants are safe from exposure to radioactive radon and toxic chemicals. On average, mitigation systems are verified to be functioning correctly only one time each year, and contaminants of concern may only be confirmed to be below the applicable exposure limit one time every few years. This approach creates liability management challenges for the responsible party and makes obtaining and managing site closure difficult, if not impossible. In fact, most contaminated sites never achieve site closure, costing the responsible party hundreds of thousands of dollars, if not millions, to meet ongoing long-term stewardship obligations.

The Vapor Sentinel Environmental Remote Monitoring System tracks the ongoing operation of vapor mitigation systems, providing 24/7/365 real-time monitoring to verify system functionality and confirm building occupants are safe from exposure to vapor intrusion. The system effectively addresses the liability management challenges associated with the traditional approach while providing a pathway to site closure that benefits the responsible party and provides peace of mind to building occupants. Likewise, the system facilitates redevelopment of contaminated sites by providing a cost-effective option to satisfy continuing obligations of the new owner or tenant.

Environmental monitoring and mitigation is a multibillion-dollar market. As of 2017, the U.S. EPA and its partners reported overseeing approximately 640,000 to 1,319,100 facilities to prevent releases into communities. However, no single comprehensive data source tracks the full extent of contaminated land in the United States.

“After many years in the product development cycle, we’re excited to be delivering a better, more protective solution to our clients to manage the significant liability associated with radon and chemical vapor intrusion contaminated sites,” said Kyle Hoylman, Managing Partner at Protect Environmental.

“The Vapor Sentinel Environmental Remote Monitoring System is a game-changer for our clients seeking to gain closure on contaminated sites and to help satisfy continuing obligations to maintain CERCLA liability defenses,” said David Gillay, Partner at Barnes & Thornburg and head of the Remediation, Redevelopment, and Environmental Transaction practice groups for the firm.

Key features of the system include: 24/7/365 real-time monitoring, user-defined condition notifications, secure cloud-based data storage, reliable wireless connectivity, convenient client portal access, instant historical data access, customized automated reporting, durable weathertight enclosure, quick and easy installation, and proprietary patented technology. Full specifications for the system can be found at [protectenvironmental.com](http://protectenvironmental.com).

**About Protect Environmental**

Protect Environmental is a leader in the environmental consulting and construction industry, focusing on radon and chemical vapor intrusion management. With a proven track record spanning 15 years and more than 5,900 completed projects across the country, the company provides expert service from its trusted professionals to provide peace of mind protection to property owners seeking efficient and effective management of environmental risks and liabilities. For more information, call 877-508-8850 or click on to [protectenvironmental.com](http://protectenvironmental.com).

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