

## **VaporX - Technology for the Control of Offensive Vapors and Odors**

**Innovative Remediation Technologies Inc.**, is proud to announce the release of a new product for odor and vapor control.

**VaporX** is an odor and vapor control agent that functions by first capturing and then greatly enhancing the biological destruction of offending organic agents. The product has numerous applications for a wide variety of odor and vapor generating situations with notable uses at landfills, chemical plants and animal production and processing plants.

Almost all offending odors are organic in nature. **VaporX** works by utilizing a combination of unique chemical and biological agents, which are specifically designed to chemically absorb organic odors and vapors. Once the agents have been captured within the **VaporX** matrix, naturally occurring bacteria are greatly encouraged to consume the offending chemical by utilizing the specialized nutritional formula within the **VaporX** designed to enhance biological growth. Therefore, odors and vapors are not simply masked or captured until they can re-emerge as is the case with a variety of competing products. **VaporX** destroys the offending agents.

**VaporX** was originally used as a product to stimulate the growth of bacteria for the control of grease and fats. It worked well in that capacity. However, a significant side benefit was observed while using **VaporX** in these situations. Treatment of grease traps often involves significant odor problems. It was noted in field studies that odors were greatly diminished when using the product to treat fats and grease. Studies were conducted to test the efficacy of the product for removing vapors. The following table compares two leading odor suppression product to **VaporX** for the removal of gasoline vapors emanating from contaminated soil.

<b>Vapor Suppression* Comparison of Competitor A, Competitor B And VaporX using gasoline contaminated Soil</b>			
<b>TREATMENT</b>	<b>% VOLATILES BEFORE TREATMENT</b>	<b>% VOLATILES AFTER TREATMENT</b>	<b>% VOLATILES SUPPRESSED</b>
Competitor A	100	100	0
Competitor B	100	82.5	17.5
<b>VaporX</b>	<b>100</b>	<b>18.0</b>	<b>82.0</b>

\* As measured by total volatile organic carbon via gas chromatography

**VaporX** is currently being tested in a number of animal production facilities. Control of odors from these facilities is a significant problem. **VaporX** has passed all tests to date and is currently being used regularly several locations.

**VaporX** comes as a concentrated liquid that is typically diluted from 1:10 to 1:50 depending on odor/vapor levels. The product is mist sprayed into the source area or directly onto solids that are

causing odors. Certain situations utilize mist sprayers that come on regularly over time to spray mist areas of concern.