



Hancor offers solution to open-air retention pond health risks

As commercial and residential development continues to grow across the country, so does the challenge to manage increased storm water runoff. And now, that challenge is further complicated by the health risks associated with retention ponds, one of the options available to municipalities.

One method used by municipalities to manage storm water runoff is storm water retention ponds. These open-air ponds are inadvertently becoming breeding grounds for mosquitoes. As residential areas continue to multiply, this health issue will have to be addressed by developers and municipal planners.

Phase II of the United States Environmental Protection Agency Storm Water Management Program puts immediate pressure on municipalities to develop comprehensive plans to manage storm water runoff and address issues of paved surface runoff and the concentration of pollutants in runoff.

The public however, is becoming increasingly more concerned with mosquitoes and other health risks associated with retention ponds. Initially, these ponds were built to help control flooding by taking in increased amounts of runoff from paved surfaces.

Retention ponds are often located within residential areas or close to business districts. Besides being unsightly, retention ponds create an ideal habitat for unwanted pests, including insects. And attention is increasingly concentrated on insects with regards to transfer of diseases, such as West Nile Virus, to birds, animals and humans. These open-air ponds also occupy land, which is becoming more and more valuable with the housing market increasing at such a rapid rate.

More than ten years ago, Hancor[®], Inc., a Findlay, Ohio based company, developed a safer and more efficient storm water management solution in their LandMax[®] Storm Water Retention/Detention system. LandMax is a series of high-density polyethylene pipe connected side-by-side in a subsurface structure, something like a massive underground holding tank.

Installed below ground, the system maximizes the amount of land available by providing space for parking lots, playgrounds and other facilities to be built on top, while eliminating safety and health risks associated with retention ponds.

“We recognize that storm water management solutions become more important as construction increases. That’s why we developed an effective alternative that provides



the functionality required for storm water management, while at the same time eliminating health and safety risks,” says Steven Anderson, President of Hancor.

“The LandMax system is the safest and most cost-effective option to collect storm water runoff. We know it is less expensive to manage a system that prevents waterway pollution than it is to clean contaminated water. In addition to safety and cost benefits, our LandMax system also conserves water resources and efficiently recharges the ground water table.”

Anderson explains that LandMax is an easily assembled quality system that maximizes the amount of usable land. “It guards public health by reducing hazards and safety risks,” says Anderson. “The entire system is inaccessible to the public, eliminating the risk of human tampering or chance of accidental injury. The safety management costs of open-air ponds are virtually eliminated, and LandMax offers the additional benefit of a pest-free approach to storm water management.”

For more information visit www.hancor.com.

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