

Evidence that Product Use will not Adversely Affect Human Health and the Environment

The product proposed by Scrap Tire Solution, Inc. (STS) is simply a bale of compressed tires that allow for the more efficient shipping and handling of scrap tires. Known as “Enviro-blocks” by Eagle Industries, the manufacturer of the baling equipment being proposed for use by STS, the bale holds an estimated 100 tires and is held together with wire. The baling operation reduces the volume of tire by approximately 50 percent.

The operation involves hauling scrap tires to the STS facility and then shipping finished bales out to STS customers. Unprocessed tires are first sliced and then compressed in the baler. There is minimal residual waste generated by the baling process. Unprocessed and processed tires will be stored in closed containers on-site to minimize the risk of a tire fire, decomposition of the tires or exposing the tires to rainwater which can lead to mosquito production.

Collection of scrap tires from locations around Delaware and the mid-Atlantic region to be processed by STS and introduced into regional, national and international markets for further processing and reuse provides an environmental and public health benefit. The removal of scrap tires from the landscape reduces the potential environmental and health impacts that can arise in the event of a tire fire and the decomposition of tires that can occur over time. Scrap tires can also serve as breeding sources for mosquitoes as the hollow area of a tire can easily hold water which is needed for mosquito eggs to hatch. Additionally, the baled tires reduce the available area for water to collect and do not burn as easily as a whole tires.