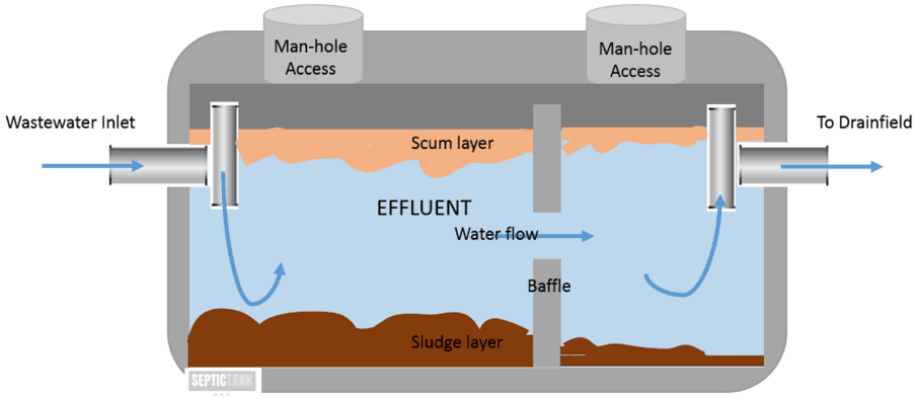
Why did STRP reduce waterbody Nitrogen?

- A septic tank removes the "sludge" and "some" Nitrogen
- Nutrients (Nitrogen and Phosphorus) then flow DIRECTLY to the water table
- Collection to central WWTP removes 80% of the Nitrogen - emitted as Nitrogen gas to the atmosphere
- Conventional WWTP does not "target" Phosphorus



Nitrogen: Some nitrogen may be removed as wastewater flows through the septic system and soil. The remaining nitrogen can enter the underlying groundwater and flow towards a surface water body. If there are many septic systems in a small area, the nitrogen flowing through groundwater could overload a waterbody, causing eutrophication.

Source: "Nutrients from septic systems can impact well and surface water," Terry Gibb, MSU Extension - December 11, 2018