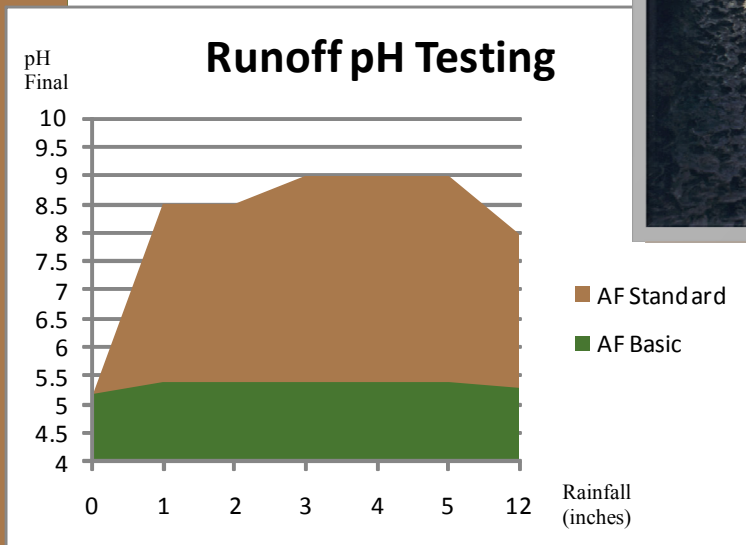


# Runoff Water pH Testing



Posi-Shell is a highly effective coating used for various applications. Below is a graph showing pH testing for two versions of the product. AF-Basic, a fiberized, clay based slurry typically used for short-term cover such as overnight cover of solid waste, produces virtually no pH change to runoff water. AF-Std, is comprised of the same base materials as AF-Basic but includes the addition of Portland cement for more durable coatings such as erosion control. With AF-Std, an increase in pH does occur to runoff water as the water turns from acidic to alkaline. Other formulations with Portland cement levels less than AF-Std are also used and produce pH levels between those shown on the graph. Controlled lab tests were conducted using rain water with a pH of 5.2. Runoff samples were collected and tested for every inch of rain that came in contact with the cured Posi-Shell samples.

Prior to curing, AF-Bas slurry has a pH of 7.5 and AF-Std 11.5. These tests were performed with tap water at a pH level of 6.5. Testing was done using pH indicator strips using standard testing protocol. These samples were made using field materials and using proper mixing procedures as per LSC protocol.



For more detailed information regarding this testing please contact customer service at (877) 437-6231



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