

STORMWATER DESIGN

Commercial Development

HSA provided environmental engineering and construction support in the construction of a dry detention pond on a former landfill. HSA installed a 40-mil HDPE liner above a 4" thick sand bedding layer, anchored, and seam-sealed. The liner served as a barrier between the solid waste and surface water runoff from the site. The liner was covered with 12" of clean fill (protective cover). The protective cover was graded back to the original elevations and compacted by tracking with a low ground pressure dozer and sodded. HSA also designed a passive soil gas venting system for the site.

LOCATION

Deerfield Beach, Florida

SERVICES RENDERED

Environmental Engineering, Water Resources Management, Construction Services

