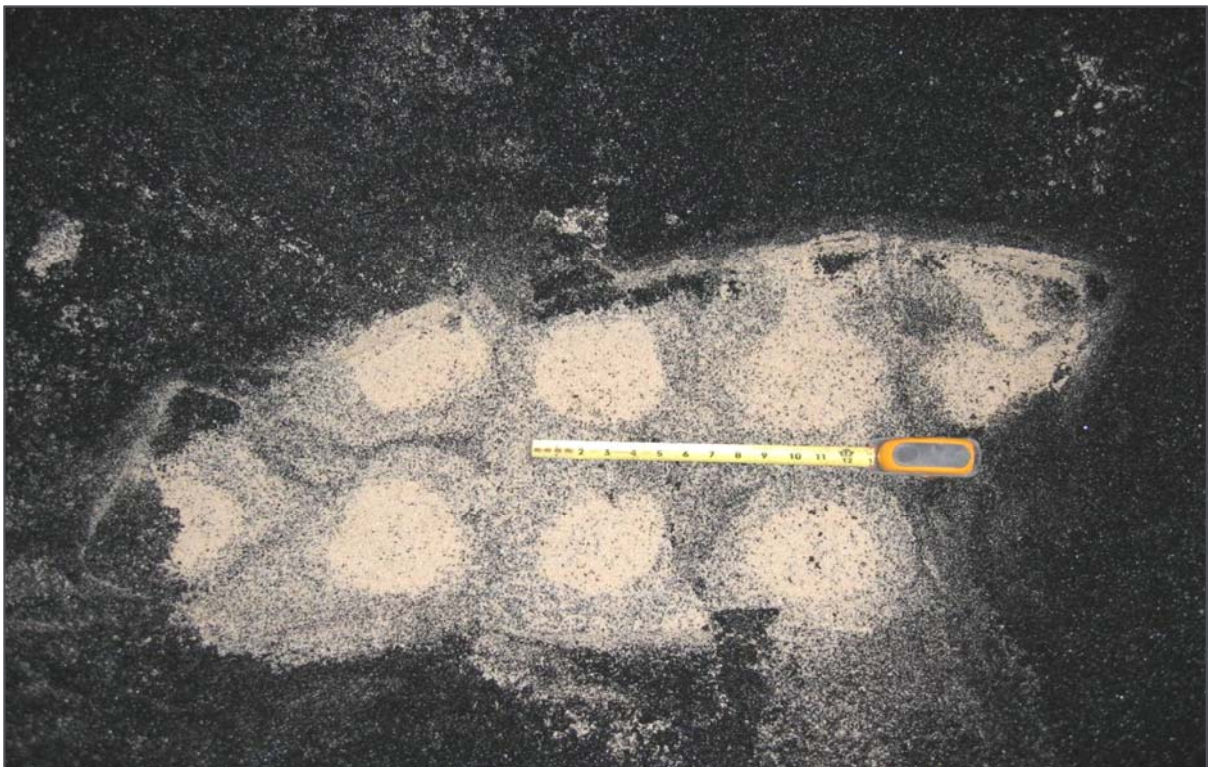


Phoenix Panel System and Air Scour Grid

Upgrade of Existing False Floor Underdrain System



Filter media segregation due to backwash flow channeling through strainers



Phoenix Panel System and Air Scour Grid

Upgrade of Existing False Floor Underdrain System



Filter media segregation due to backwash flow channeling through strainers



Existing strainer nozzles

Phoenix Panel System and Air Scour Grid

Upgrade of Existing False Floor Underdrain System



False bottom (plenum) area



Existing backwash energy diffusion baffles

Phoenix Panel System and Air Scour Grid

Upgrade of Existing False Floor Underdrain System



Removal of existing media and strainer nozzles



Empty filter cell

Phoenix Panel System and Air Scour Grid

Upgrade of Existing False Floor Underdrain System



Backwash flow correction using variably-sized orifice plates



Installation of Phoenix Panels

Phoenix Panel System and Air Scour Grid

Upgrade of Existing False Floor Underdrain System



Completed Phoenix Panel Installation



Completed Installation of Phoenix Panel and Air Scour Grid

Phoenix Panel System and Air Scour Grid

Upgrade of Existing False Floor Underdrain System



Completed Installation of Phoenix Panel and Air Scour Grid



Puracite Filter Anthracite