

# CASE STUDY

**Aqua Guard®**  
Keyville, VA



## Parkson Aqua Guard® PF Municipal Keyville, VA WWTP

### Project

Upgrade/Expansion from 250,000 gpd to 500,000 gpd B&B  
Consultants, South Hill, VA Heyward Incorporated, representative

### Solution

Aqua Guard PF Perforated Plate Media Screen, installed in January 2005  
Width 1.5 feet Discharge height 9 feet Openings 6 mm  
PROGRESS: Aqua Guard PF installed over channel – Mounting complete, and grout to be added to base – Rotopress® Compactor not mounted yet

- Influent channel with recess for Aqua Guard PF to increase capacity and reduce build up Lifting lugs at base of screen Neoprene seal at edges of channel
- Hinged access port on front of screen
- Gasket on inspection port
- Elastomer latch on inspection port
- Perforated Plate Media Screen



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