



# EDUCTOR SYSTEMS FOR COMPLEX DAM REHABILITATION

## HIGH PRESSURE, HIGH STABILITY SOLUTIONS

### EDUCTOR SYSTEM CAPABILITIES

- ▶ More versatile than wellpoint systems
- ▶ Lower the water table as much as 90+ feet
- ▶ Higher performance in stratified and/or low permeability soils
- ▶ Greater stability in fine grained soils
- ▶ Low maintenance

There is high demand for stability and performance on sites with complex geotechnical conditions like dams and levees. Griffin applies deep experience and **proven solutions to challenging construction sites.**

As our national dam and levee infrastructure ages, the pressure to stabilize construction sites and lower costs will rise. Griffin eductor systems provide a safer, more cost-effective dewatering solution for these high-risk projects.

Griffin's eductor systems lower groundwater tables and create stable working conditions. A series of wells are drilled and connected to a common header. High pressure water is pumped to the eductor device at the bottom of the well, creating a vacuum that lifts the standing water.

**Get the confidence you need to provide dry, safe and stable working conditions for complex dam and levee construction projects.**



The power of pressure drives success. As high pressure water is pumped into the wells, groundwater is removed.

Our eductor systems perform in depths greater than 20 feet, where common wellpoint systems cannot. They can also successfully depressurize surrounding impermeable soil formations such as clays and silts.

**Contact Griffin now at 800-431-1510 or visit [GriffinDewatering.com](http://GriffinDewatering.com) to get confidence, safety and stability for your complex construction project.**

### **DEEP EXPERIENCE**

Our customers work to refurbish aging dams and levees, which can mean challenging low permeability soil conditions. Griffin eductor systems have proven effective, time and time again, in removing and controlling ground water in these conditions to provide dry, safe and stable working conditions.

### **HIGH PERFORMANCE**

A single pumping station provides enough pressurized water to activate and regulate up to 100 wells. As the pressurized water is pumped into the well, it is forced through a nozzle and Venturi at the bottom of the well, producing the vacuum necessary to lift the groundwater and execute draw downs of up to 90+ feet.