

Pumps, Pumps & More Pumps

In 2022, *The Drawdown* discussed the basics of dewatering along with wellpoints, eductors, and water treatment. For the first newsletter of 2023, it's time to look at something slightly outside the purview of dewatering. In late 2022 Griffin Dewatering acquired the Pump and Integrity (P&I) division of Cross-Country Infrastructure, Inc. That begs the question, "what is P&I, what do they do, and how does that fit in with Griffin Dewatering?"

Water Movement Specialist

Before we get into the nitty-gritty, we need to think of Griffin Dewatering as a company that moves water. Our team collaborates with our clients to determine the minimum viable solution to their complex water movement needs. Below are examples of Griffin's extensive experience in moving water:



- Moving water from construction sites using a variety of dewatering methodologies
- Moving water through treatment systems to meet the requirements of local discharge permits
- Pumps & temporary piping are used to transfer water on construction sites

Now that we have explained how Griffin is a water movement company, let's get on with the P&I information.

Pump & Integrity

Originally founded in 1978, Pump & Integrity is a leading specialty pump and equipment rental and solutions provider serving customers in the industrial, commercial, construction, energy and renewables end markets. Pump & Integrity's fleet of rental pumps and ancillary equipment, together with its operational and technical expertise, provides mission critical pump-based systems and solutions across a broad spectrum of applications including water transfer, bypass, and pipeline maintenance.

Locations

- Muncy & Eight-Four, PA
- Houston & Odessa, TX
- Oak Ridge, TN
- Las Vegas, NV

Industries Served

Renewable Energy

The renewable energy market sector requires water movement for construction activities and dust control and the Griffin P&I group is very active in that area. For example, between 2019 and 2021 we supported a solar project in North Las Vegas, NV. The team provided a turnkey solution including customized designs around pump and storage locations (including pond liners) with temporary pipeline installation and complete system maintenance.



The suite of equipment we provided for the project included:

- 6" Pumps
- Frac tanks
- Pond liners
- 12,000-gallon stand tanks & J-stands
- 5 Miles of 12" & 18" diameter HDPE pipe

Sewer Bypass

Sewer bypass projects can be very complex with 100% reliability required. P&I recently completed a sewer bypass project in Tennessee. We provided four, 12" pumps with 18" diameter HDPE suction and discharge lines. The pumping system moved roughly 21.5 MGD (about 15,000 gpm) of sewage over a six-month period. Sewage bypass systems must work continuously so the local team provided 24 hr./day pump watch for the duration of the work.

Pipeline Testing/Integrity

Finally, the United States' more than 2.6 million miles of pipelines safely deliver trillions of cubic feet of natural gas and hundreds of billions of ton/miles of liquid petroleum products each year¹. The P&I group provides specialty pumps and equipment to facilitate testing and inspection of new and existing pipelines. Our equipment includes:



- Pig launchers & receivers
- High & low pressure/volume pumps
- Flow meters
- Tankage

So, when we consider Griffin Dewatering as a water movement company, the addition of the Pump and Integrity group makes perfect sense. We can move and treat water for institutional/commercial construction, utility/infrastructure, industrial/manufacturing, renewable energy, power, CCR, pipelines, dams and levees. Griffin is striving to become the preeminent water movement contractor in the United States providing the minimal viable solution to our clients.

Contact us for information on our equipment rentals & services

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