

### What is a Pressure Sewer System?

- A sanitary sewer system utilizing a network of grinder pumps to transport wastewater through small diameter pipe to a collection and treatment system.
- A grinder pump is a submersible pump designed to reduce wastewater particulate to a slurry through the use of a grinding mechanism.

### Pressure Sewers Provide an Economical Solution to Challenging Environmental Conditions Such as...

- Rocky Soil
- Hilly Terrain
- Shallow Bedrock
- High Water Tables
- Long Flat Terrain
- Slow Growth Areas
- Existing Structures and Roads



Complete Package  
w/ Rail System

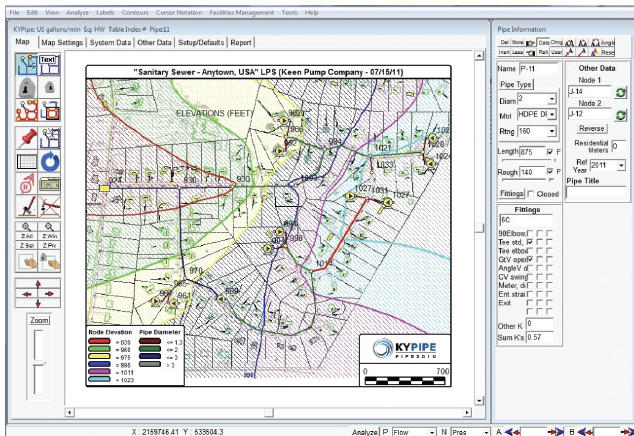
### Decentralized Wastewater System

Keen Pump offers communities a superior alternative to expensive gravity sanitary sewer systems. KEEN PUMP designs your unique project with proven technology to create a flexible, cost effective package that can be installed in phases or full build out.

The KEEN PUMP wastewater system is vastly superior to gravity-fed or septic systems. Utilizing the KEEN PUMP system provides you the freedom to build anywhere without regard for soil type, elevation, or distance to the nearest treatment facility.



Complete Package  
w/ Stand / Flex Hose



## The Keen Pump Lower Pressure Sewer Advantage

Best in class hydraulic modeling software based on actual topography of the site for most efficient collection system!

### Keen Pump will assist you in:

- Designing your entire Pressure System
- Properly sizing your Pipe and Equipment
- Future System Build-Out



## Most Advanced Hydraulic System Design

- Input raster/vector file of footprint into software
- Calculate head based on pipe size, elevation and peak flow
- Determine best product based on required head and flow
- Actual "snapshot" of flows, velocities, and pressures



## KEEN PUMP has the MOST Options for your Low Pressure Sewer Project utilizing Centrifugal, Semi-Open Centrifugal and Semi-Positive Displacement (Progressing Cavity) Technologies.

Keen Pump can tailor your system's hydraulics to match our superior grinder pump products!



### 2hp Centrifugal

- Heads up to 130 feet
- Flows up to 68 GPM
- Dual Silicon-Carbide Seals
- Epoxy-Potted Cable Entry
- Heavy-Duty Pressed Motor
- Grinder or Slicer Cutting Options
- FM Listing for Hazardous Location



### 2hp Semi-Open, Centrifugal

- Heads up to 188 feet
- Flows up to 48 GPM
- Dual Silicon-Carbide Seals
- Epoxy-Potted Cable Entry
- Heavy-Duty Pressed Motor
- Grinder or Slicer Cutting Options
- FM Listing for Hazardous Location



### 1hp Semi-Positive Displacement (Progressing Cavity)

- Highest Heads Capability
- Flows up to 30 GPM
- Dual Silicon-Carbide Seals
- Epoxy-Potted Cable Entry
- Heavy-Duty Pressed Motor
- Grinder or Slicer Cutting Options
- FM Listing for Hazardous Location

KEEN PUMP is dedicated to producing a quality product, delivered on time, backed by reliable service, at a reasonable price. We back up our product with the **BEST** warranty. KEEN PUMP knows pumps, systems and controls!

CONTACT KEEN PUMP TODAY FOR A FREE HYDRAULIC SYSTEM ANALYSIS TO SEE IF YOU CAN SAVE MONEY ON