

“Compared to gravity systems, We saved 50% on Operation & Maintenance with E/One Sewers

PROJECT	DATE
Beach Drive and Watuga Beach, Sinclair Inlet, WA	
Utility: Karcher Creek Sewer District	
District Engineer: Chuck Mayhew, P.E.	
Challenge: Replacement of failing septic with cost-effective alternative	JOB NO.

...and 75% on installation.”

– Chuck Mayhew

Nestled between the Cascade and the Olympic Mountain ranges, the Kitsap Peninsula boasts 300 miles of scenic coastline in the Puget Sound. So when failing septic threatened that pristine coast, Karcher Creek found a cost-effective solution – and an ally – in E/One Sewer® Systems.

District Engineer Chuck Mayhew compared the construction and O&M costs of four distinct sewer collection systems, and E/One’s low pressure, sealed system came out on top – in both categories. Compared to a gravity system, the E/One system was **less than a quarter of the cost to install, and less than half projected O&M.**

Nearly 350 E/One grinder pumps and six miles of high-density polyethylene pressure main were installed along the waterfront. A careful analysis of the operating and maintenance costs revealed **that after seven years, only sixteen service calls per year were required** – less than half the number projected. And the mean time between service calls was 22 years – **more than double the pre-project estimate of 10 years.** The cost of those repairs came in at 68% less than projected.

E/One sewer solutions; **environmentally sensitive, economically sensible.**

LOOKING TO MINIMIZE INSTALLATION AND O&M? ASK E/ONE.

FREE OFFER: Send us the topo map of your next retrofit or new construction project, and we’ll show you how to save money and increase the viability with an E/One system.



Call, or visit us online:
Environment One Corporation
518-346-6161 Ext. 3028, www.eone.com
A Precision Castparts company



E/One Sewers™ will **Save Money** lower maintenance costs and **increase reliability.**

With more than 30 years of experience and over half a million end users, Environment One understands your problems—and we can help. Here are just a few of the advantages of an E/One low pressure grinder pump system:

- **Lower your cost** of central sewer projects by as much as 50%.
- **Provide an affordable sewage system** to areas that have failing septic systems or couldn't be sewerered before.
- **Avoid costly land acquisitions** and easily sewer difficult terrain.
- **Clean up lakes, rivers and ponds.**
- **No post-installation power costs, no preventive maintenance.**
- Environment One pumps have a nationwide average of 8 to 10 years mean time between service calls. And if service is required, changeover can be as short as 20 minutes. **Simple and non-disruptive.**
- Finally, **you can receive revenue from areas you never thought possible.** E/One Sewers are delivering safe, reliable performance in every environment under the sun. Our product line allows flexibility to address every job-specific issue. Our engineering and technical staff will work with you from concept through design, construction and final installation—every step of the way. And we'll provide the guidance and support to maintain your system.

If you have a sewer project, talk to us about E/One Sewers®.

Send us the topo map for your next project and we'll show you how to save money and increase the viability with an E/One system.



Contact your local distributor