



Keith Jones

Marina Opened in 2006

Virginia Clean Marina

In-Slip Pump-Out Installed

Types of Pump Out Systems

- Portable
- Fixed – Single Point
 - Dockside pump
 - Remote pump
- Fixed – Multiple Collection
- Hybrid
 - Portable/Fixed pump
 - Portable pump – multiple collection



Portable Handcart



Dockside – Peristaltic



Remote – Peristaltic (Manteo Town Dock)



Multi-Point Collection (Suction Hydrants)



Customer In-Slip Pump Out





Hybrid – Fixed with Portable Capability (Vacuum)

Pedestal on dock, but pump can be moved around boatyard if required



“New Model” - Peristaltic

Street legal trailer – multiple location boatyard (Zimmerman’s Marine), still fits in existing garage

Hybrid – Discharge (bring pump to boat – no tank)

Fixed Discharge Piping with Hydrants
Portable pump – suction to boat &
discharge to hydrant
(Coinjock Marina)



Accessibility of Pump-Out Location