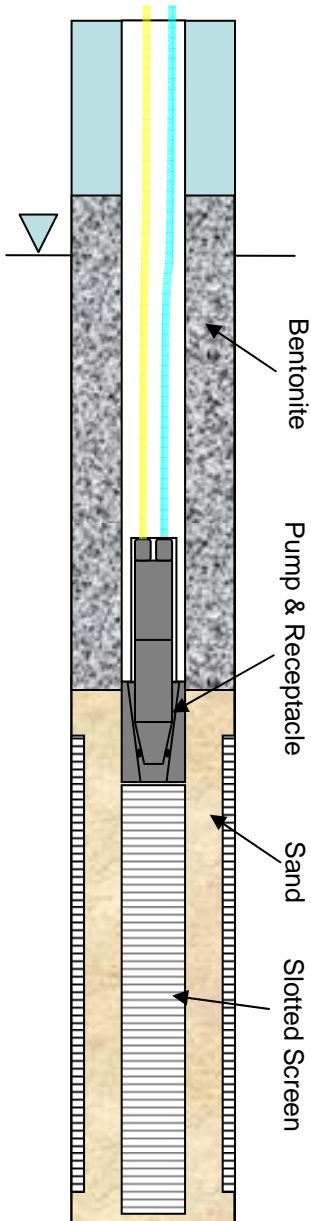


Zone Isolation Sampling Technologies (ZIST)™ In-Line Systems (patent pending) isolate the well screen to improve data quality, minimize cost, and reduce sampling time. BESST's pumps dock with the ZIST™ Well Screen Receptacle located between the well screen and riser pipe and draw samples only from the well screen. For "no-drawdown" low-flow sampling and fast parameter stabilization, pumps do not draw stagnant water from the riser pipe above the screen. Miniaturization of well systems reduces the cost of system components, drilling, installation, and operation over time.

ZIST™ Wells provide verifiable isolation of the well screen when the pump is docked in the Well Screen Receptacle located between the well screen and riser pipe. The pump can easily be removed for maintenance, pumping tests, or use of other monitoring devices.

ZIST™ In-Line Well Capabilities:

- Isolate Well Screen During Purging and Sampling.
- Eliminate Monitoring of Drawdown.
- Limit Groundwater Removal to the Well Screen Zone Only.
- Significantly Reduce Purging and Sampling Time – and Cost – throughout the Life of the Project.
- No Bailing.
- Simultaneously Purge Nested and Clustered Well Systems.
- Simultaneously Obtain Water Level Data from All Zones within a Nest or Cluster.
- Compatible with Other Devices: ZIST™ Pumps Can Be Integrated with Sensors, and Removed at Any Time.
- Easy to Maintain: O-Ring around ZIST™ Tubular Docking Weight Can Be Replaced at Any Time.
- Easily Adapted for Rapidly Decreasing Water Levels.
- ZIST™ Can Be Easily Integrated into ¾-Inch, 1-Inch, 2-Inch, 4-Inch and Any Other Well Diameter.



2" Docking Weight
O-Ring Sealed with
Receptacle

ZIST™ In-Line Specification

ZIST	1 inch (25mm)	2 inch (50mm)
Materials	Delrin & Stainless Steel 316	Delrin & Stainless Steel 316
Fittings	Stainless Steel 316	Stainless Steel 316
Weights	Stainless Steel 316	Stainless Steel 316
Dimension	7/8" OD x 6.0" L	1.75"OD x 2.0" L
Maximum Lift	3,000 ft	3,000 ft



1" Pump
with O-Ring
above
Receptacle