



**PART NUMBER**

90-001

Initially designed for drills sites, Eddy Water Treatment System is an effective and efficient solution for lowering the water consumption of your operations site, as well as reducing environmental impact. It is **easy to transport** and operate, in all kind of installations. You can use the system to recover water from the diamond saws in your core shack, reduce the water consumption of your drill site, or to be as environmentally friendly as possible when drilling from a barge.

***Additional features***

- Majority of water used can be recovered
- Convenient size for industrial use
- Available for direct sale with financing
- Additional options available

	Imperial	Metric
Weight	900 lbs	408 kg
Length	7.55 ft	2.30 m
Width	4.10 ft	1.25 m
Height	6.40 ft	1.95 m

## SYSTEM INSTALLATION

Fordia's large team of experts can assist in installing the system and training your crews.

The type of method recommended for separating the water and cuttings will depend upon whether drilling additives are used, as well as the type of additive used. Our technical team has the expertise to guide you in finding the optimal set-up.



## REQUIRED MAINTENANCE AND SUPPLIES

Like any piece of equipment, Fordia's Water Treatment System requires certain supplies along with minimal maintenance in order to maximize its operating life.

- Regular measurement of the viscosity of the additive mixture and settling tests performed by the onsite crew
- Maintenance of the injection pipes and the check valve every three days when in use
- Weekly check on oil levels
- Monthly greasing of the cavity pump
- Inspection of the control panel and cleaning of the system following each move to a new site
- The use of Fordia-approved settling products and parts

Supplies :

- Replacement parts
- Geotubes
- Flocculant and/or coagulant

BEFORE



AFTER



## OPTIMIZATION

Each site possesses unique characteristics which are subject to change due to a variety of factors, so the system must be continuously optimized while in use. Monitoring during the process is strongly recommended: this can be performed from time to time by the crew already onsite.

- Fordia recommends a minimum of one settling test each time the crew is changed.
- Fordia also provides instructions for correctly proportioning the chemicals for each stage of the work process (drilling, rod-pulling, sawing the cores, etc.). Only the metering pump needs to be adjusted to effect the changes.
- The viscosity of the additive mixture may also vary. It is important to measure it regularly with a viscosity meter and to adjust the chemical proportions if necessary.
- The use of Fordia's Geotubes will maximize your water recovery. By installing a geotube at the end of the cavity pump hose, you are able to recover as much as 90% of the water coming into your system. The geotube is a geotextile bag that slowly allows water to filter out through the fabric while the cuttings remain inside for easy management.

