

VORTISAND® PRE RO APPLICATION DATA SHEET

Name : _____ Date: _____

Project Name : _____ City: _____

State/Country _____ Email address: _____

Tel : _____ Fax : _____

APPLICATION DESCRIPTION:

Drinking water Industrial Process Wastewater reuse Other _____

WATER SOURCE:

Raw surface water Well water Process water Wastewater Other _____

NATURE OF CONTAMINATION:

Organic Heavy metals Oil & Grease Colloids Colloidal clay Other (specify): _____

FILTRATION FLOW: Flow to be maintained during backwash Variable flow

Minimum flow _____ gpm Maximum flow _____ gpm

BACKWASH WATER*:

Filtered water internally produced* City water* Other * _____ (*) 30 psi minim. required

WATER QUALITY:

	<u>ACTUAL</u>	<u>REQUIRED</u>	<u>COMMENTS</u>
Turbidity	NTU	NTU	
TSS	ppm	ppm	
BOD	ppm	ppm	
COD	ppm	ppm	
TOC	ppm	ppm	
Iron	ppm	ppm	

Inlet Pressure to Vortisand filter: _____ psi **Maximum differential pressure allowable** _____ psi

PRETREATMENT DESCRIPTION (describe any pretreatment processes upstream the Vortisand filter):

Pump power supply : 460 V 575 V / 3 PH* 60 Hz*

Pump motor : TEFC * ODP Other (specify): _____

Valves (Aquamatic) Cast iron* Noryl plastic Bronze SS Ball valves

Piping: PVC sch. 80* Galv. steel Other (specify) _____

Control Panel: Nema 4X (fiberglass)* Nema 4X (SS) Nema 12

Skid mounted Skid mounted unit * non skid mounted unit

* Standard system

