

Questionnaire

(Information required for RO system designing using “RM Nanotech” spiral wound membrane elements and antiscalant choosing)

1. Customer information:

Name	
Address	
Telephone	
Fax	
e-mail	
Other	

2. Person of contact:

Name	
Position	

3. Company profile:

4. What are you looking for?

- Projection of new RO system;
- Project changes in order to improve permeate quality;
- Replacement of the membrane elements with RM Nanotech’s analogue (previously used membranes type and brand are required).
- Feed water source (well, river and etc.) and its chemical composition:

Temperature winter °C/ summer °C			
pH			
Permanganate oxygen consumed, mg O ₂ /l			
Color index			
TDS, mSm/sm			
Available chlorine, mg/l			
Mineral oils, mg/l			
SDI			
Hardness, mg-ekv/l		Total salt content, mg/l	
Alkalinity (HCO ₃ ⁻), mg-ekv/l		Cl ⁻ , mg/l	
Ca ²⁺ , mg-ekv/l		SO ₄ ²⁻ , mg/l	
Mg ²⁺ , mg-ekv/l		NO ₃ ⁻ , mg/l	
Na ⁺ , mg/l		Bicarbonates (HCO ₃ ⁻), mg-ekv/l	
K ⁺ , mg/l		Fe total, mg/l	
Ba ²⁺ , mg/l		Al ³⁺ , mg/l	
Sr ²⁺ , mg/l		SiO ₂ , mg/l	

5. Flow at the existing RO system, m³/h:

6. Target permeate flow at the new RO system, m³/h:

7. Hydraulic diagram of the existing RO system (vessels quantity, membrane elements quantity per vessel, flow):

8. System equipment characteristics and year of commissioning (pumps and etc.):

9. Target permeate and its chemical composition:

10. Type of chemicals (antiscalants, cleaning solutions) are being used at the existing RO system:

11. Notes:

12. Please forward completed questionnaire at info@membranium.com under “Questionnaire” subject.