



Inquiry form for project design – drinking water (surface water)

Name of the project: _____

City (location) : _____

Name of the surface water source: _____

	Min	Average	Max
Hydraulic parameters			
1. Flowrate, m ³ /h			
2. Operating pressure, bar			
3. Allowed headloss across UV, bar			
4. Required UV dose (if any)			
Physical-Chemical parameters			
5. UV transmission of 1 cm, %			
6. Turbidity, NTU			
7. Chromaticity (Pt-Co scale)			
8. Total Fe, mg/l			
9. Oxidazability by permanganat, mg/l			
Microbiological parameters			
	Maximum before UV system	Required disinfection level (after UV)	
10. Total coliform, per 100 ml			
11. Fecal coliform, per 100 ml			
Other microbiological parameters (HPC, viruses, etc.)			
12.			
13.			

Assumed place of UV system application in process chart of water treatment plant: _____

Treatment plant configuration (microfilters, mixers, settling tanks, clarifiers, filters, contact clarifiers, etc.) _____

Flood time period and its peculiarities _____