



Water Treatment Plant

Technical survey for sizing and solution proposal.

VSTK-WTP-FRM-001 REV. 0

i Please complete this form **in block capitals**. If a value is unknown, write “**unknown**”; if it has not been verified, write “**assumed**”. Send the scanned form, together with photos and analyses, to **info@vstktechnology.com**.

1 GENERAL INFORMATION

PROJECT / PLANT		CLIENT / COMPANY	
LOCATION		CONTACT / POSITION	
PHONE	EMAIL		
DATE dd / mm / yyyy	SURVEYED BY		

2 PURPOSE AND WATER USE

END USE OF THE WATER (DESCRIBE)	
APPLICABLE STANDARDS (LOCAL / INTERNATIONAL)	
REQUIRED FLOW RATE m³/h	

3 RAW WATER SOURCE AND QUALITY

WATER SOURCE ☐ Surface ☐ Groundwater ☐ Mains / network ☐ Effluent ☐ Other: _____		
AVAILABLE FLOW – MINIMUM m³/h	AVAILABLE FLOW – AVERAGE m³/h	AVAILABLE FLOW – MAXIMUM m³/h

MAIN PARAMETERS — attach laboratory analysis if available

PH	TURBIDITY NTU	CONDUCTIVITY µS/cm
SUSPENDED SOLIDS mg/L	TOTAL HARDNESS mg/L CaCO ₃	IRON / MANGANESE mg/L
BACTERIOLOGY ☐ Compliant ☐ Non-compliant	OTHER RELEVANT PARAMETERS	
REMARKS ON RAW WATER		



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4 REQUIRED TREATED WATER QUALITY

PARAMETER	TARGET VALUE	CRITICAL LIMIT	UNIT

5 EXISTING PROCESS if applicable

CURRENT SITUATION
☐ No plant installed ☐ Existing plant

DESCRIPTION OF CURRENT PROCESS / INSTALLED STAGES

CURRENT PROBLEMS / LIMITATIONS

6 OPERATING CONDITIONS

OPERATING REGIME
☐ Continuous ☐ Intermittent

OPERATING HOURS PER DAY
h/day

STAFF AVAILABLE FOR OPERATION

TECHNICAL LEVEL OF STAFF

7 SITE UTILITIES AND CONDITIONS

POWER SUPPLY – VOLTAGE
V

FREQUENCY
Hz

AVAILABLE UTILITIES
☐ Compressed air ☐ Wash water ☐ Drains

AVAILABLE SPACE / PHYSICAL CONSTRAINTS



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8 WASTE AND EFFLUENTS

TYPE OF WASTE GENERATED (SLUDGE / BRINE / OTHER)	FINAL DISPOSAL / TREATMENT

9 VSTK TECHNOLOGY REQUIREMENTS

TICK AS APPLICABLE
☐ Automation / SCADA ☐ Online monitoring ☐ Equipment redundancy ☐ Skid-mounted ☐ Containerized ☐ Portable
SPECIFIC CLIENT REMARKS

10 PHOTO RECORD AND REMARKS *attach up to 3 photographs*

 Photo 1 — site / equipment	 Photo 2	 Photo 3
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GENERAL REMARKS

11 APPROVALS

CLIENT REPRESENTATIVE NAME DATE	VSTK TECHNICAL LEAD NAME DATE
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