

KLARO GmbH Spitzwegstraße 63 DE-95447 Bayreuth Tel.: +49 921 162 79-333 Fax: +49 921 162 79-300	Project address:	Builder: Name: Street: City: Telephone: Fax: E-Mail:
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Questions for the design of wastewater treatment plants for winery wastewater

Winery wastewater

① Maximum amount of wine produced:	_____ (l/day)	_____ (l/year)
② Maximum wastewater flow		
- Is the maximum daily wastewater flow known?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- During the vintage period:	_____ (m ³ /day)	
- Or else:	_____ (m ³ /day)	
③ Pollutant concentrations		
- Has the wastewater been analyzed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Sample 1	Probe 2	Probe 3
Date: _____	Date: _____	Date: _____
BOD ₅ _____ (mg/l)	BOD ₅ _____ (mg/l)	BOD ₅ _____ (mg/l)
COD _____ (mg/l)	COD _____ (mg/l)	COD _____ (mg/l)
P _____ (mg/l)	P _____ (mg/l)	P _____ (mg/l)
N _____ (mg/l)	N _____ (mg/l)	N _____ (mg/l)
pH _____	pH _____	pH _____

④ Specific wastewater characteristics		
- Retention of wine lees?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- Dry pre-cleaning?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- Use of sieves?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- Sedimentation basin?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- Which cleaning and disinfection products are used?	_____	

Domestic wastewater

① Does domestic wastewater have to be also treated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
② Number of employees:	_____	
③ Apartments	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- Number of apartments:	_____	
- Size of the apartments:	_____ (m ²)	_____ (m ²)
- Number of residents:	_____	
④ Restaurant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- Number of seats:	_____	
- Number of meals per day:	_____	
- Is there a grease separator?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
⑤ Are there any special events on site?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- Maximum number of guests per day:	_____	

Treatment target:

BOD ₅ _____	P _____	Colif. germs _____
COD _____	NH ₄ N _____	pH _____
AFS _____	N _{ges} _____	

Remarks/Other:
