

HERITAGE
SYSTEMS



Delivering
Liquid Solutions

Typical Winery Wastewater Nutrient Profile

<u>Collection Date</u>	<u>BOD</u>	<u>Total Nitrogen</u>	<u>Total Phosphorus</u>	<u>BOD:N:P Ratio</u>
09-26-02	1,100	3.0	3.0	100:0.27:0.27
10-02-02	13,000	35	23	100:0.27:0.18
11-11-02	15,000	81	27	100:0.54:0.18
11-17-02	6,500	22	23	100:0.33:0.33
12-02-02	8500	28	24	100:0.33:0.28

1. These samples were collected from a Napa Valley winery.
2. Grab samples were collected at the final wastewater sump prior to entering the treatment pond.
3. Analysis for BOD, total nitrogen and total phosphorus were conducted by CalTest laboratories in Napa, Ca.
4. Proper BOD:N:P ratios for biological processes are 100:5:1

Heritage Systems Inc.
2471 Solano Ave Suite 141 Napa, CA. 94558
Tel: 707-258-0553 Fax: 707-255-3151
www.heritagesystemsinc.com