CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2015
DateRun:	10/26/2015
Experimenters:	Alicia Melvin, Alicia McCarthy
ClientType:	Cleaning Equipment Mfr
ProjectNumber:	Project #1
Substrates:	Liquid
PartType:	Coupon
Contaminants:	
Cleaning Methods:	
Analytical Methods:	Colorimeter
Purpose:	Ozone MV Testing of Series 2
Experimental Procedure:	
Results:	Series 2 Filter 20581 The Series 2 temperature remained fairly constant with a slow drop to room temperature. The MV levels remained high through 90 minutes and dropped off between 90 and 120 minutes to a lower plateau. The initial levels were no higher than the Series 1 stabilizer. The Vacuvials ozone levels dropped off steadily through 90 minutes and zeroed out after 4-8 hours. Initial readings of the eXactCLPlus meter were low and dropped off quickly to 0.1 within 30 minutes. The Series 2 pH level was lower than the Series 1 testing and ranged between 2.75-2.95 The Series 2 temperature remained fairly constant with a slow drop to room temperature.
Summary:	
Conclusion:	Tersano Series 2 is reported to stabilize sanitation time for up to 24 hours, cleaning time for up to 6 days and the cartridge life of the filter is 800 gallons. All three analytical tools used to assess ozone levels showed a significant drop off after 90 minutes. The pH and temperature remained fairly constant.