CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2015
DateRun:	10/26/2015
Experimenters:	Alicia Melvin
ClientType:	Cleaning Equipment Mfr
ProjectNumber:	Project #1
Substrates:	Liquid
PartType:	Coupon
Contaminants:	
Cleaning Methods:	
Analytical Methods:	Colorimeter
Purpose:	Ozone Testing of No Stabilizer
Experimental Procedure:	
Results:	No Stabilizer Filter 8332 The Oxidation Reduction Potential (ORP in mV) readings remained fairly constant for the no stabilizer system. Readings were the same or lower than tap water and DI water. VacuVial readings were somewhat variable but low. Untreated tap and DI water had no measureable level of ozone. The eXactCLPlus readings were low and dropped to zero after 15 minutes. The pH levels remained constant at just above 7 and the temperature range stayed the same.
Summary:	
Conclusion:	The TURI Lab recently completed an evaluation on the ozonated water with no stabilizer. The stabilizer is designed to lower the pH of the water to help the ozone stay within the water for a longer deration of cleaning. The testing conducted reveals that without the stabilizer the treated water is not able to maintain an effective level of ozone.