

## **APPENDIX F**



**2<sup>nd</sup> QUARTER 2005 REPORTING SUMMARY NOTES**  
**THE BOEING COMPANY - ROCKETDYNE**  
**SANTA SUSANA FIELD LABORATORY**  
**NPDES PERMIT CA0001309**

**Notes:**

1. For Dioxins and Furans, laboratory results may have been reported in picograms/liter (pg/L). However, the permit limit is stated in micrograms/liter ( $\mu\text{g/L}$ ). To evaluate permit compliance, the laboratory results have been converted to  $\mu\text{g/L}$ , as necessary, to calculate the TCDD TEQ.
2. TCDD TEQs for the purpose of determining permit compliance are the sum of the products of the detected dioxin congener concentration multiplied by that congener's TEF. The resulting compliance TCDD TEQ does not include those congener concentrations that are reported as DNQ, as specified on Page 40 of the NPDES permit.
3. For some sample dates, pH was determined with a field instrument and was noted as such. ~~These results were not validated. Since pH does not have a permit limit, it is not~~

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- \*5 blank spike/blank spike duplicate relative percent difference was outside the control limit
- \*10 value was estimated detect or estimated non detect (J,UJ) due to deficiencies in quantitation of the constituent including constituents reported by the laboratory as Estimated Maximum Possible Concentration (EMPC) values
- \*11 pg calibration was performed for this compound; result is reported as a

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R (reason code in parentheses) %R for calibration not within control limits  
RL laboratory reporting limit  
RI

%RSD percent relative standard deviation  
S surrogate recovery was outside control limits  
TEQ toxic equivalent  
T presumed contamination, as indicated by a detect in the trip blank  
TU<sub>c</sub> toxicity units (chronic)  
U result not detected  
µg/L micrograms per liter  
UJ result not detected at the estimated reporting limit  
umhos/cm micromhos per centimeter