

APPENDIX D

THIRD QUARTER 2012 RADIOLOGICAL MONITORING DATA

OUTFALL 019 (Treatment System)

THIRD QUARTER 2012 REPORTING SUMMARY

OUTFALL 019 (Treatment System)

**THIRD QUARTER 2012 REPORTING SUMMARY
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309**

July 1 through September 30, 2012

ANALYTE	UNITS	Permit Limit Daily Max/Monthly Avg	09/06/2012 (Comp)		
			RESULT	MDA	VALIDATION QUALIFIER
RADIOACTIVITY					
Gross Alpha	pCi/L	15/-	0.749 ± 0.94	1.68	UJ (C)
Gross Beta	pCi/L	50/-	1.62 ± 1.3	2.16	U
Strontium-90	pCi/L	8.0/-	-0.096 ± 0.34	0.835	U
Total Combined Radium-226 & Radium 228	pCi/L	5.0/-	0.28 ± 0.38	0.99	U
Tritium	pCi/L	20000/-	18.7 ± 87	147	U
Potassium-40	pCi/L	-/-	-7.85 ± 15	26.8	U
Uranium, Total	pCi/L	20/-	0.365 ± 0.041	0.014	--
Cesium 137	pCi/L	200/-	-0.762 ± 1.1	1.99	U