

Table D.1
Calculation of Parametric Tolerance Limits
Metals Concentrations Detected in Brackett Soils
Camp Stanley Storage Activity, Texas

Sample ID	Lead (ln mg/kg)
BKGR-SS1	4.03
BKGR-SS2	3.89
BKGR-SS3	3.87
BKGR-SS4	3.58
BKGR-SS5	3.91
BKGR-SS6	3.58
BKGR-SS7	3.89
BKGR-SS8	3.89
BKGR-SS9	4.52
BKGR-SS10	3.87
BKGR-SS11	3.33
BKGR-SS12	2.94
BKGR-SS13	2.01
BKGR-SS14	2.94
BKGR-SS15	2.78
BKGR-SS16	2.94
BKGR-SS17	2.77
BKGR-SS18	2.71
BKGR-SS19	1.67
BKGR-SS20	2.28
BKGR-SS21	2.19
BKGR-SS22	2.30
BKGR-SS23	1.70
BKGR-SS24	2.56
BKGR-SS25	1.86
BKGR-SS26	2.56
BKGR-SS27	1.79
BKGR-SS28	1.93
BKGR-SS29	1.67
BKGR-SS30	1.99
BKGR-SS31	2.07
BKGR-SS32	2.48
BKGR-SS33	2.00
BKGR-SS34	1.70
BKGR-SS35	2.16
BKGR-SS36	2.61
BKGR-SS37	3.77
BKGR-SS38	3.95
BKGR-SS40	3.08
BKGR-SS41	3.16
BKGR-SS42	2.83
BKGR-SS43	2.15
BKGR-SS44	2.49
BKGR-SS45	3.21
BKGR-SS46	2.35

Sample ID	Lead (ln mg/kg)
BKGR-SS47	3.16
BKGR-SS48	4.59
BKGR-SS49	3.34
BKGR-SS50	2.50
BKGR-SS51	3.16
BKGR-SS52	4.10
BKGR-SS53	3.46
BKGR-SS54	2.88
BKGR-SS55	2.43
BKGR-SS56	2.45
BKGR-SS57	Omitted
BKGR-SS58	3.04
BKGR-SS59	2.63
BKGR-SS61	3.05
BKGR-SS62	3.17
BKGR-SS63	3.14
BKGR-SS64	3.38
BKGR-SS65	2.74
BKGR-SS66	2.95
BKGR-SS67	2.82
BKGR-SS68	3.08
BKGR-SS69	3.78
BKGR-SS70	2.59
BKGR-SS71	3.41
BKGR-SS72	2.44
BKGR-SS73	3.72
BKGR-SS74	3.21
BKGR-SS75	3.82
BKGR-SS76	3.00
BKGR-SS77	2.64
BKGR-SS78	2.67
BKGR-SS79	2.78
BKGR-SS80	3.15
Mean (ln mg/kg)	2.9
Standard Deviation (ln mg/kg)	0.7
Coefficient of Variation	0.2
Distributional Assumption	Lognormal
Shapiro-Wilk test result	p=0.248
Number of samples	77.0
K Tolerance Factor	2.0
Upper Tolerance Limit (ln mg/kg)	4.3
Upper Tolerance Limit (mg/kg)	74.6