TABLE 3.3.RME

EXPOSURE POINT CONCENTRATION SUMMARY

REASONABLE MAXIMUM EXPOSURE

The Dean Company

Scenario Timeframe: Future

Medium: Soil

Exposure Medium: Soil

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)	Maximum Concentration (Qualifier)	Exposure Point Concentration			
						Value	Units	Statistic	Rationale
Soil at Site 1	4,4'-DDD	ug/kg	239	452 (T)	4200	452	ug/kg	95 % UCL -T	W - Test (2)
	4,4'-DDE	ug/kg	596	6793 (T)	7200 J	6793	ug/kg	95% UCL - T	W - Test (2)
	4,4'-DDT	ug/kg	11007	28619 (N)	290000 J	28619	ug/kg	95% UCL - N	W - Test (1)
	Aluminum	mg/kg	7450	9964 (T)	21700	9964	mg/kg	95% UCL - T	W - Test (2)
	Lead	mg/kg	210	345 (T)	750 J	345	mg/kg	95% UCL - T	W - Test (2)
	Manganese	mg/kg	116	201 (T)	688	201	mg/kg	95% UCL - T	W - Test (2)
Soil at Site 2	4,4'-DDE	ug/kg	230	496	4700 J	496	ug/kg	95 % UCL - T	W - Test (2)
	4,4'-DDT	ug/kg	183	322 (T)	3100 J	322	ug/kg	95% UCL - T	W - Test (2)
	Copper	mg/kg	173	245 (T)	6470	245	mg/kg	95% UCL - T	W - Test (2)
	Iron	mg/kg	19518	32230 (T)	120000	32230	mg/kg	95% UCL - T	W - Test (2)

Statistics: 95% UCL of Normal Data (95% UCL - N); 95% UCL of Transformed Data (95% UCL - T)

(1) Shapiro-Wilk W Test indicates data are normally distributed.

(2) Shapiro-Wilk W Test indicates data are log-normally distributed.

N = Normal

T = Transformed

J = Estimated Value