

Errata #1 for Exhibit 327, Appendix I

A spreadsheet calculation error was noted during review of Table 3-9 Frequency of Concentrations Greater than Benchmark TRV on Pdf page 188. Correction of the data do not materially change the conclusion that predicted fugitive dust emissions will not result in significant adverse effects on ambient air quality or human health. A revised Table 3-9 is attached.

Corrections to related to Table 3-9

1. Pdf p. 94, first paragraph, last sentence: sentence should read “less than 82 hours per year (<1% of time)”
2. Pdf p. 188 - revised Table 3-9 attached

Table 3-9 Frequency of Concentrations Greater than Benchmark TRV (Revised)

Human Receptor Location	1-hour PM2.5 (TRV = 80 µg/m ³)				24-hour PM2.5 (TRV = 27 µg/m ³)			
	Application Case (1:100 year flood)		Application Case (design flood)		Application Case (1:100 year flood)		Application Case (design flood)	
	Maximum concentration (µg/m ³)	Frequency of Concentrations Greater than Benchmark TRV ^a (h/a)	Maximum concentration (µg/m ³)	Frequency of Concentrations Greater than Benchmark TRV ^a (h/a)	Maximum concentration (µg/m ³)	Frequency of Concentrations Greater than Benchmark TRV ^a (d/a)	Maximum concentration (µg/m ³)	Frequency of Concentrations Greater than Benchmark TRV ^a (d/a)
Case 1 - Original Areas of Deposited Sediment, Original Sediment Composition (clay, silt, sand)								
SR4	12.6	0	13.4	0	11.5	0	11.5	0
SR5	13.1	0	25.4	0	11.7	0	16.9	0
SR12	13.1	0	44.9	0	11.6	0	23.6	0
SR13	13.2	0	45.5	0	11.7	0	22.2	0
SR14	23.2	0	47.9	0	16.3	0	25.2	0
SR15	24.7	0	53.6	0	16.7	0	24.1	0
SR16	15.7	0	17.9	0	13.7	0	14.6	0
SR17	13.7	0	15.0	0	11.9	0	12.6	0
SR36	15.5	0	17.4	0	13.1	0	14.5	0
Case 2 - Original Areas of Deposited Sediment, Revised (Finer) Sediment Composition (clay, silt, sand)								
SR4	23.6	0	29.2	0.0	12.4	0	13.3	0
SR5	22.6	0	114	3.4	12.2	0	54.5	0.6
SR12	26.2	0	241	47	12.5	0	100	4.6
SR13	27.5	0	246	34	12.4	0	90.0	3.4
SR14	97.8	1.0	262	63	50.1	0.2	112	6.8
SR15	109	1.8	301	36	53.3	0.4	103	4.6
SR16	44.8	0	59.9	0	30.7	0.2	37.2	1.0
SR17	29.1	0	38.4	0	17.8	0	22.5	0
SR36	41.5	0	54.8	0	26.1	0	36.2	0.8
Case 3 - Increased Areas of Deposited Sediment, Original Sediment Composition (clay, silt, sand)								
SR4	27.5	0	64.0	0	18.3	0	28.9	0.4
SR5	27.2	0	56.7	0	17.0	0	27.7	0.2
SR12	54.7	0	78.4	0	23.5	0	33.9	0.4
SR13	33.4	0	60.8	0	20.2	0	26.9	0
SR14	54.7	0	51.2	0	22.0	0	28.7	0.2
SR15	19.1	0	32.2	0	14.7	0	19.6	0
SR16	18.4	0	21.6	0	14.8	0	15.9	0
SR17	15.9	0	18.3	0	12.7	0	14.2	0
SR36	18.2	0	20.6	0	14.9	0	16.9	0
Case 4 - Increased Areas of Deposited Sediment, Revised (Finer) Sediment Composition (clay, silt, sand)								
SR4	129	3.8	390	82	65.0	0.2	138	11
SR5	127	2.4	322	58	55.4	0.2	129	6.6
SR12	308	29	470	65	99.0	2.4	173	14
SR13	171	15	350	48	78.9	1.0	124	10
SR14	308	23	291	40	92.9	3.0	142	10
SR15	69.0	0	163	16	36.8	0.8	74.3	5.6
SR16	63.6	0	87.0	1.2	38.1	0.8	46.3	2.6
SR17	44.0	0	61.1	0	23.9	0	33.9	0.6
SR36	60.1	0	79.9	0.0	38.8	1.0	53.7	3.2

NOTES:

^a Frequency value represents average annual frequency above benchmark TRV based on 5 years of air dispersion modelling

Shaded cell indicates a 1-hour concentration greater than 80 µg/m³ or a 24-hour concentration greater than 27 µg/m³

Blue indicates revised value