RADIAN INTERNATIONAL
A DAMES & MOORE GROUP COMPANY

CALCULATION SHEET

CALC. NO.

SIGNATURE M Hyde DATE 4/11/00 CHECKED JRE DATE 4/12/00

PROJECT JOB NO.

SUBJECT Test Burn 4/6/00 SHEET 6 OF 6 SHEETS

Calculate scaling factors from ISC results:

Air sampler location showed a modeled concentration (1-hour) based on a unit emission rate:

156,471.09 ✓ (µg/m³; ER = 1 g/m²/s)

$$\frac{X \text{ (measured)}}{156{,}471.09} = \frac{y}{\text{Conc at other locations (modeled)}}$$

$$y = X * \frac{\text{Conc at location of interest (modeled)}}{156{,}471.09}$$

Other locations	Modeled Conc	Scaling Factor
Cactus & Hwy 93	35,035.16 ✓	0.22 ✓
Sawmill	16.20 ✓	0.0001 ✓
Rocky Flats Lounge	593.14 ✓	0.0038 ✓

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