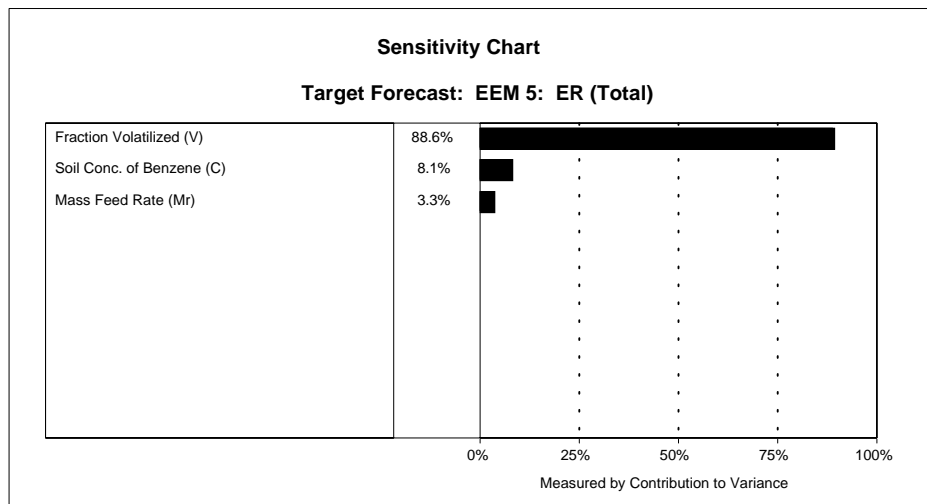


EEM 5 Uncertainty/Sensitivity Analysis

Simulation started on 9/27/96 at 13:26:12

Simulation stopped on 9/27/96 at 13:27:30

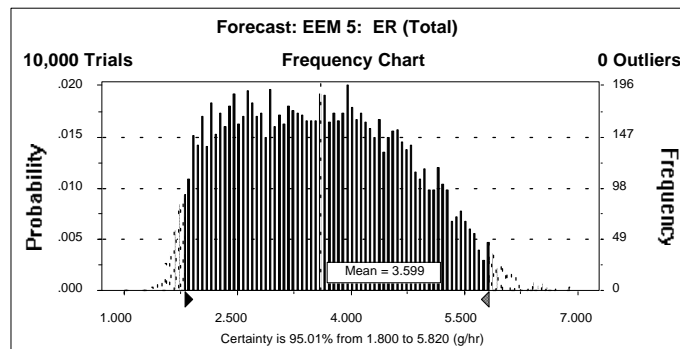


Forecast: EEM 5: ER (Total)**Cell: B14****Summary:**

Certainty Level is 95.01%
Certainty Range is from 1.800 to 5.820 (g/hr)
Display Range is from 1.000 to 7.000 (g/hr)
Entire Range is from 1.312 to 6.999 (g/hr)
After 10,000 Trials, the Std. Error of the Mean is 0.011

Statistics:

	<u>Value</u>
Trials	10000
Mean	3.599
Median	3.555
Mode	---
Standard Deviation	1.124
Variance	1.263
Skewness	0.24
Kurtosis	2.22
Coeff. of Variability	0.31
Range Minimum	1.312
Range Maximum	6.999
Range Width	5.687
Mean Std. Error	0.011

**Percentiles:**

<u>Percentile</u>	<u>(g/hr)</u>
0%	1.312
10%	2.130
20%	2.487
30%	2.834
40%	3.193
50%	3.555

Forecast: EEM 5: ER (Total) (cont'd)

Cell: B14

<u>Percentile</u>	<u>(g/hr)</u>
60%	3.902
70%	4.251
80%	4.652
90%	5.157
100%	6.999

End of Forecast

Assumptions

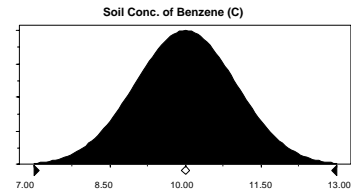
Assumption: Soil Conc. of Benzene (C)

Cell: C6

Normal distribution with parameters:

Mean	10.00
Standard Dev.	1.00

Selected range is from -Infinity to +Infinity
Mean value in simulation was 10.00



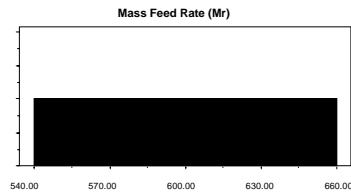
Assumption: Mass Feed Rate (Mr)

Cell: C7

Uniform distribution with parameters:

Minimum	540.00
Maximum	660.00

Mean value in simulation was 600.00



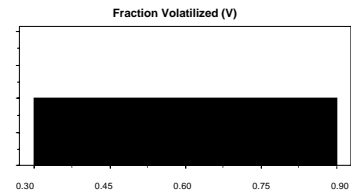
Assumption: Fraction Volatilized (V)

Cell: C8

Uniform distribution with parameters:

Minimum	0.30
Maximum	0.90

Mean value in simulation was 0.60



End of Assumptions