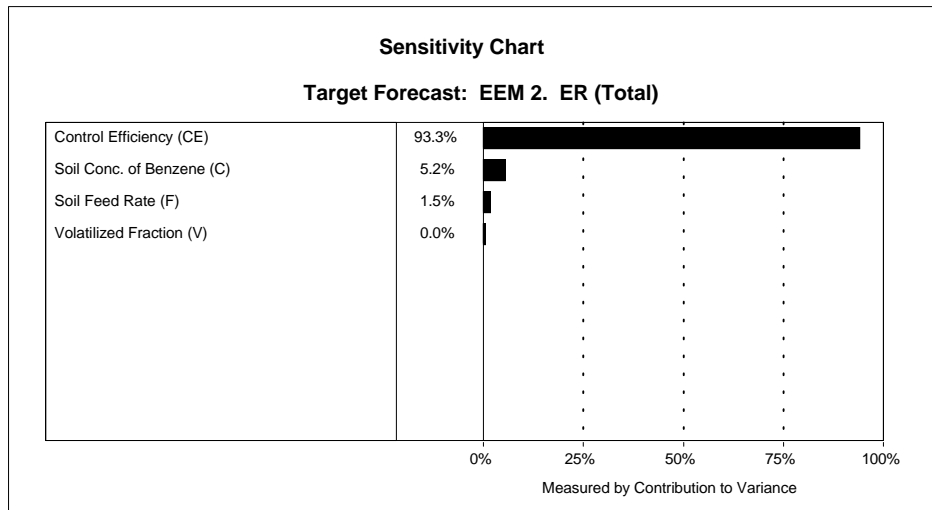


EEM 2 Uncertainty/Sensitivity Analysis

Simulation started on 9/27/96 at 12:34:02

Simulation stopped on 9/27/96 at 12:35:30

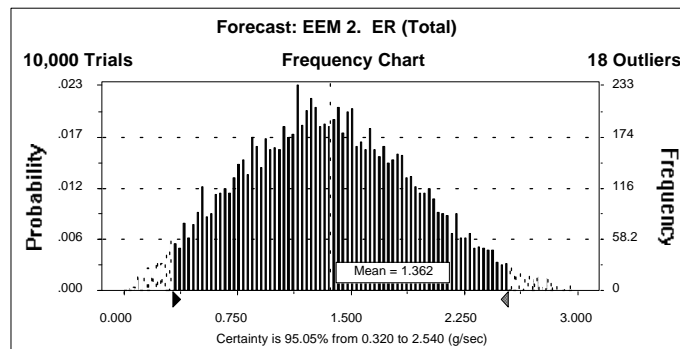


Forecast: EEM 2. ER (Total)**Cell: B14****Summary:**

Certainty Level is 95.05%
Certainty Range is from 0.320 to 2.540 (g/sec)
Display Range is from 0.000 to 3.000 (g/sec)
Entire Range is from 0.030 to 3.552 (g/sec)
After 10,000 Trials, the Std. Error of the Mean is 0.006

Statistics:

	<u>Value</u>
Trials	10000
Mean	1.362
Median	1.338
Mode	---
Standard Deviation	0.576
Variance	0.331
Skewness	0.21
Kurtosis	2.63
Coeff. of Variability	0.42
Range Minimum	0.030
Range Maximum	3.552
Range Width	3.522
Mean Std. Error	0.006

**Percentiles:**

<u>Percentile</u>	<u>(g/sec)</u>
0%	0.030
10%	0.611
20%	0.849
30%	1.030
40%	1.192
50%	1.338

Forecast: EEM 2. ER (Total) (cont'd)

Cell: B14

<u>Percentile</u>	<u>(g/sec)</u>
60%	1.495
70%	1.665
80%	1.860
90%	2.129
100%	3.552

End of Forecast

Assumptions

Assumption: Control Efficiency (CE)

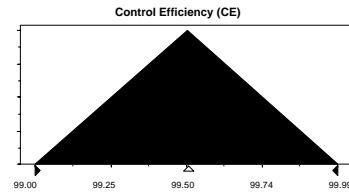
Cell: C8

Triangular distribution with parameters:

Minimum	99.00
Likeliest	99.50
Maximum	99.99

Selected range is from 99.00 to 99.99

Mean value in simulation was 99.50



Assumption: Volatilized Fraction (V)

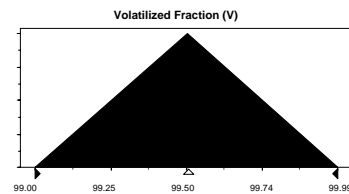
Cell: C7

Triangular distribution with parameters:

Minimum	99.00
Likeliest	99.50
Maximum	99.99

Selected range is from 99.00 to 99.99

Mean value in simulation was 99.50



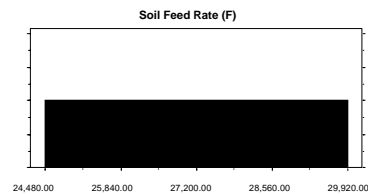
Assumption: Soil Feed Rate (F)

Cell: C6

Uniform distribution with parameters:

Minimum	24,480.00
Maximum	29,920.00

Mean value in simulation was 27,200.00



Assumption: Soil Conc. of Benzene (C)

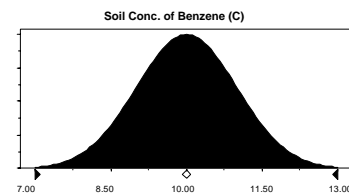
Cell: C5

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



End of Assumptions