see over

From the desk of DR. ROBERT A. KEHOE

Please reply

Destruction / results: Garage people

.01		0		0
.02	III	IIII II	15	15
.03	IIII	IIII IIII	14	1 15
.04	IIII IIII III	IIII IIII II	25	25
.05	IIII III	IIII I	14	III 17
.06	IIII II	II	9	9
.07	I	I	2	2
.08	II	I	3	3
.09	II	I	3	3
.10	II		2	2
.10+	I	I	2	2
.15+	I		1	1
			95	94

Mean = 0.052 mg per liter

S.E. of mean = ±0.002

S.D. = ±0.026

Co. Var. = 50.49 per cent

KE 0004004

5

P

Dr. Lewis:

To calculate the Probable error from the standard deviation use the following

$$P.E. = \frac{.6745 \times \text{Sd. Dev.}}{\sqrt{\text{No. of observations}}}$$

$$\frac{\text{Difference between means}}{\sqrt{\text{Sum of squares of P. Errors}}} = K$$

[illegible] Using table 1

Phase 1 and 2 = K = 0.05 not significant
discard [illegible]
Phase 1 and 2 = K = 7+ significant

Table 3

Difference Mean Phase 1 and 2 K = 5.78 significant
" Mean Phase 2 and 3 K = 3.7 Borderline

6