

(2-8) 高雄地區河川及土壤之農藥污染調查

A Survey of Pesticide Contamination in the River and Soils of Kao-Hsiung Area

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高雄地區河川：行政院衛生署臺灣地區公害防治先驅計劃專案小組阿公店溪、典寶溪、後勁溪、仁愛河、前鎮河和林園圳之農藥污染調查業已完成，其結果顯示高雄地區河川之農藥污染情形並不嚴重，水

樣中僅林園圳流域的石化三橋 (N₁) 處，發現有 PO DDT 0.0193r/ml，土樣中僅後勁溪流域的後勁橋 (F₃) 處有 OP DDT 0.0158r/mle 竹仔門橋 (F₄) 處有 heptachlorpoxide 0.0026r/ml，其餘皆不能檢出。

| St | Water | | Soil | |
|---------------------------------|------------------|-----------|-----------------------|------------------|
| | Oct. 1976 | Dec. 1976 | Oct. 1976 | Dec. 1976 |
| A ₁ -A ₅ | ND | ND | ND | ND |
| C ₁ -C ₄ | ND | ND | ND | ND |
| N ₁ | OP DDT 0.0193 | ND | ND | ND |
| N ₂ -N ₄ | ND | ND | ND | ND |
| T ₁ -T ₆ | ND | ND | ND | ND |
| L ₁ -L ₁₀ | ND | ND | ND | ND |
| F ₁ | ND | ND | ND | ND |
| F ₂ | ND | ND | ND | ND |
| F ₃ | ND | ND | ND | OP DDT 0.0158 |
| F ₄ | ND | ND | Heptachlore 0.0026 | Poxide ND |
| F ₅ | ND | ND | ND | ND |
| F ₆ | ND | ND | ND | ND |
| F ₁₀ | ND | ND | ND | ND |

| Detectability | | | |
|---------------|------------|------------------|-----------|
| Aldrin | 0.0025r/ml | Heptachlor | 0.005r/ml |
| BHC | 0.0025r/ml | Heptachlorpoxide | 0.005r/ml |
| Dieldrin | 0.005 r/ml | DDT | 0.01r/ml |

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