

# PRELIMINARY DATA

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Residues of Aroclor 1254 in representative samples of shrimp captured in Escambia Bay and contiguous waters 1969-70. Each sample represents a composite of at least five shrimp.  $\mu\text{g} = \text{ppm}$  in the edible abdominal muscle

| Location                   | Date    | Species                  | Whole body<br>ppm | Hepatopancreas<br>ppm |
|----------------------------|---------|--------------------------|-------------------|-----------------------|
| Saltzman Bayou             | 8/14/69 | <u>Penaeus setiferus</u> | 3.1               | 52.0                  |
| Santa Rosa Sound           | 8/14/69 | <u>P. aztecus</u>        | 0.1               | 1.5                   |
| Escambia Bay<br>Apartments | 8/14/69 | <u>P. duorarum</u>       | 0.2               | 1.8                   |
| Escambia Bay<br>Apartments | 8/14/69 | <u>P. aztecus</u>        | 0.6               | 6.1                   |
| Railroad tressel<br>(L&N)  | 8/13/69 | <u>P. aztecus</u>        | 14.0              | 120.0                 |
| East Bay                   | 8/20/69 | <u>P. setiferus</u>      | 0.6               | 1.2                   |
| Hwy 98                     | 5/3/70  | <u>P. aztecus</u>        | 0.5               | 12.0                  |
| Bay Hole off<br>Pier       | 5/3/70  | "                        | 0.4               | 6.4                   |
| Navy Hole                  | "       | "                        | 0.3               | 17.0                  |
| Mouth of Bayou<br>Grande   | "       | "                        | 0.6               | 21.0                  |
| Bayou Chico                | "       | "                        | 0.4               | 20.0                  |
| Municipal<br>Auditorium    | "       | "                        | 0.7               | 15.0                  |
| Muskogee wharf             | "       | "                        | 0.6               | 24.0                  |
| Trout bayou                | 8/6/70  | <u>P. setiferus</u>      | 0.9               | 17.0                  |
| Saltzman Bayou             | 8/28/70 | <u>P. aztecus</u>        | 2.2               | 98.0                  |
| Saltzman Bayou             | 8/28/70 | <u>P. setiferus</u>      | 0.43              | 17.0                  |
| Interstate 10              | 9/18/70 | <u>P. aztecus</u>        | 1.3               | 132.0                 |
| Interstate 10              | "       | <u>P. setiferus</u>      | 0.8               | 59.0                  |