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IN CONFIDENCE - NOT TO BE QUOTED WITHOUT REFERENCE TO THE LABORATORY

FRV GOLDSEEKER

CRUISE 4/83 Part II

REPORT:

18-24 April 1983

PERSONNEL:

I M Davies	SSO
J C McKie	ASO
D C Moore	HSO - part-time, shore-based

OBJECTIVES:

1. To collect samples of fish and prawns from Garroch Head sewage sludge dumping ground and surrounding areas.
2. To conduct a limited hydro-chemical (trace metals) survey at Garroch Head.
3. To collect samples of sediment and associated live fauna for future experimental work.

NARRATIVE:

Equipment was loaded at Troon on 15 April and additional apparatus brought by the full-time scientific staff who joined the vessel on 17 April at Troon. On 18 and 19 April fishing was carried out on and around the sludge dumping ground off Garroch Head, and south of the L.Cumbræ, using a Stuart 16fm prawn trawl (BT 126).

D.C. Moore (shore-based) joined the ship at Troon on 20 April, and on 20 and 21 April profiles of water samples for metal analysis were collected using Go-flo bottles at the sludge ground and on the side of the Arran Basin, and live benthic organisms were collected at the sludge ground. D.C. Moore left on 21 April. On 22 April further fishing for prawns was undertaken at a position S.E. of Holy Island.

The samples collected during the cruise met the objectives in the programme, and await analysis.

"Goldseeker" was unloaded in Buckie on 3 May.

I M DAVIES
11 May 1983

Seen in draft: W B Reid,
O.I.C.