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MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

1983 RESEARCH VESSEL PROGRAMME

REPORT: F V JODALEE

(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF:

- S M Rowlatt (SIC)
- M S Rolfe
- D Limpenny
- H Rees
- J Cotter
- C Byrne
- N Shakspeare
- D Lennon
- D Harper
- R Rycroft
- T Fileman
- P West
- D Miller
- A Moule

DURATION:

22 August-23 September

LOCALITY:

Thames Estuary

AIM:

To conduct an 'intensive' monitoring survey of the Barrow Deep disposal area by use of grabbing and trawling.

NARRATIVE:

The survey was based at Burnham on Crouch and consisted of 13 day trips made when the weather was suitable for sampling (22, 23, 24, 31 August, 1, 6, 7, 9, 13, 14, 20, 21, 23 September). Three or four scientists took part in each trip.

205 grab stations were sampled on a random stratified grid covering the dumpsite and surrounding areas. The grid was stratified in both space and time and the sediments were sampled for standard physical, chemical, and ecological analyses. Samples were also collected from key stations for PCB, virus and 'metals in benthos' analyses.

On 23 September samples of whiting, plaice, dab, flounder, herring, horse mackerel, sole, hermit crab and whelk were collected for chemical analysis. These samples were taken from the Middle Deep in an area of fine sediment accumulation.

RESULTS:

The aim was achieved.

S M Rowlatt
30 September 1983

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INITIALED:

(Indicate with an appropriate notation whether each name is on the list.)

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Basic List +

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