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to the Laboratory

12MR78

R1/7

FRV "Mara"

Cruise 12/78

Report

8 November 1978

Objective

To carry out jointly with staff from the Highland River Purification Board the final routine Loch Linnhe survey involving DAFS participation.

Narrative

"Mara" took up a fixed position off Fort William at 0715 hrs on 8 November. Sampling consisted of a series of vertical profiles at 4m intervals for temperature and dissolved oxygen. Current meter measurements were not possible because of a malfunction of the instrument. Discrete water samples were also taken at top, middle and bottom depths for temperature, dissolved oxygen, BOD and other nutrient analyses. Demonstration of a Smith-McIntyre grab was carried out successfully at a shallow position with a firm bottom. Sampling was completed by 1500 hrs to allow "Mara" to unload and set off for Buckie via the West and North coasts by 1600 hrs.

All chemical analyses will be made by staff of the HRPB at the Fort William laboratory.

Seen in draft: W T Mair

W Graham
29 November 1978