

FILE

M.H. 14

15 March 2002

Our Ref: 20205/cor/jo150302

Mr. John McKeown,
Senior Engineer,
Waterways Ireland,
17/19 Lower Hatch Street,
Dublin 2.

RE: RIVER BARROW ABSTRACTION ORDER

Dear Sir,

We refer to our meeting of today regarding the above and wish to confirm the following:

1. The Barrow Navigation currently experiences difficulties with respect to navigation during certain low flow conditions. The precise critical flow that determines when these difficulties occur is not quantified and will vary from stretch to stretch.
2. The minimum draft available during summer flows is specified as 2.5 feet (762mm) in the navigation guide. An additional allowance of approximately 300mm should also be made for boat draw down when starting.
3. The isolated problem areas along the navigation need to be identified and a detailed survey carried out at these locations. This survey should detail existing bed profiles at the problem areas and tie them into downstream weir levels and upstream lock sill levels.
4. The impact at these locations as a result of the abstraction can then be more accurately assessed and any mitigation measures required can be identified in consultation with Waterways Ireland.
5. An implementation plan to address these problem areas can then be drawn up in conjunction with Waterways Ireland.

We trust that the above is in order.

261

We shall maintain communications with you regarding the above proposals and look forward to working with you and your staff in establishing reasonable mitigation measures to any impact caused by the proposed abstraction.

Yours faithfully,

for **NICHOLAS O'DWYER LTD.**

cc **Mr. John Murphy, Kildare County Council**
Mr. Michael Garrick, P.J. Tobin Limited (Castlebar)