

Ena-gmail

From: "Catherine Cavendish" <ecavendish@gmail.com>
To: <ireland@sunday-times.ie>
Sent: 03 October 2006 10:10
Subject: Wild Salmon Ravaged by fish farm infections

This was an interesting report from Jon Kirk on the plight of the Pacific Salmon due to the depredation of salmon by sea lice, the populations of which copepods have enlarged enormously a result of fish farming. (Sunday Times 1/10/06 page 9)

Your reporter quotes Dr. Mark Lewis of the University of Alberta who has said "only a small fraction of juvenile salmon survive to return as adults. The fish farm sealice are reducing that fraction even more"

In Ireland research on infection by sealice is concentrated for the most part on the West coast, and here we have or should have a question, North Atlantic Salmon returning to the Liffey to spawn are those which have escaped so far, after their huge ocean going journey, the ravages of sea lice, yet the protection of the Liffey at the estuary is slim, if at all existent, the salmon which have so far escaped the parasitic copepod must now get through receiving water which has to take enormous quantities of Chemicals and Hot Water, these discharges come from the three utilities located on the South side of the river. I cannot comment on the North side of the river.

On the principle that "no one ever tells me anything", I was shocked to read and discover in Chapter 12. of the section on **Water**, in the Environmental Impact Statement now before the An Bord Pleanala, for the siting of the largest Thermal Waste Treatment Plant in Europe on the Poolbeg Peninsula. If given the green light the plant will burn 600,000 tonnes of waste and will require a vast quantity of cooling water along with Biocides. The statement reveals the some details of the quantities of Biocides entering the Liffey at it's mouth, with, in a single case alone, one plant consumed 26,647 kg of chlorine in a single year, (EPA Annual Report), see the above mentioned **Chapter 12** on Water, page 4, this represents conversion to toxic trihalomethanes in the order of 267 to 798 kg. One cannot speak with any certainty of the range across the width of the estuarine section of the river, of the Thermal Plumes from the three major utilities situated in the Basin. Some where in the report, in mitigating measures, it says that a corridor should be left for the fish, both horizontal and longitudinal.

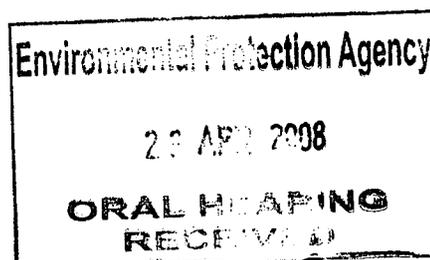
Ireland is taking part in the "Three Rivers Project " to clean up the Suir, the Boyne and the Liffey, this is 85% funded by the E.U., but the Study and proposals only commence for the Liffey at Island Bridge for the catchment area.

There was a time when there were Salmon wars in Ringsend and that is not very long ago, there was a time when the first Salmon of the year, frequently taken at either Islandbridge or Leixlip, would fetch as much as a thousand pounds (£1,000) at the fish markets, purchased perhaps by one of the top hotels, the Russell, the Hibernian or the Shelbourne. One can say little else apart from the comment that in the hierarchy of economic status of this State, the former coinage included the Salmon on the Florin

Yours truly,

Mrs. Catherine Cavendish,
 6 Prospect Terrace,
 Marine Drive,
 Sandymount,
 Dublin 4.

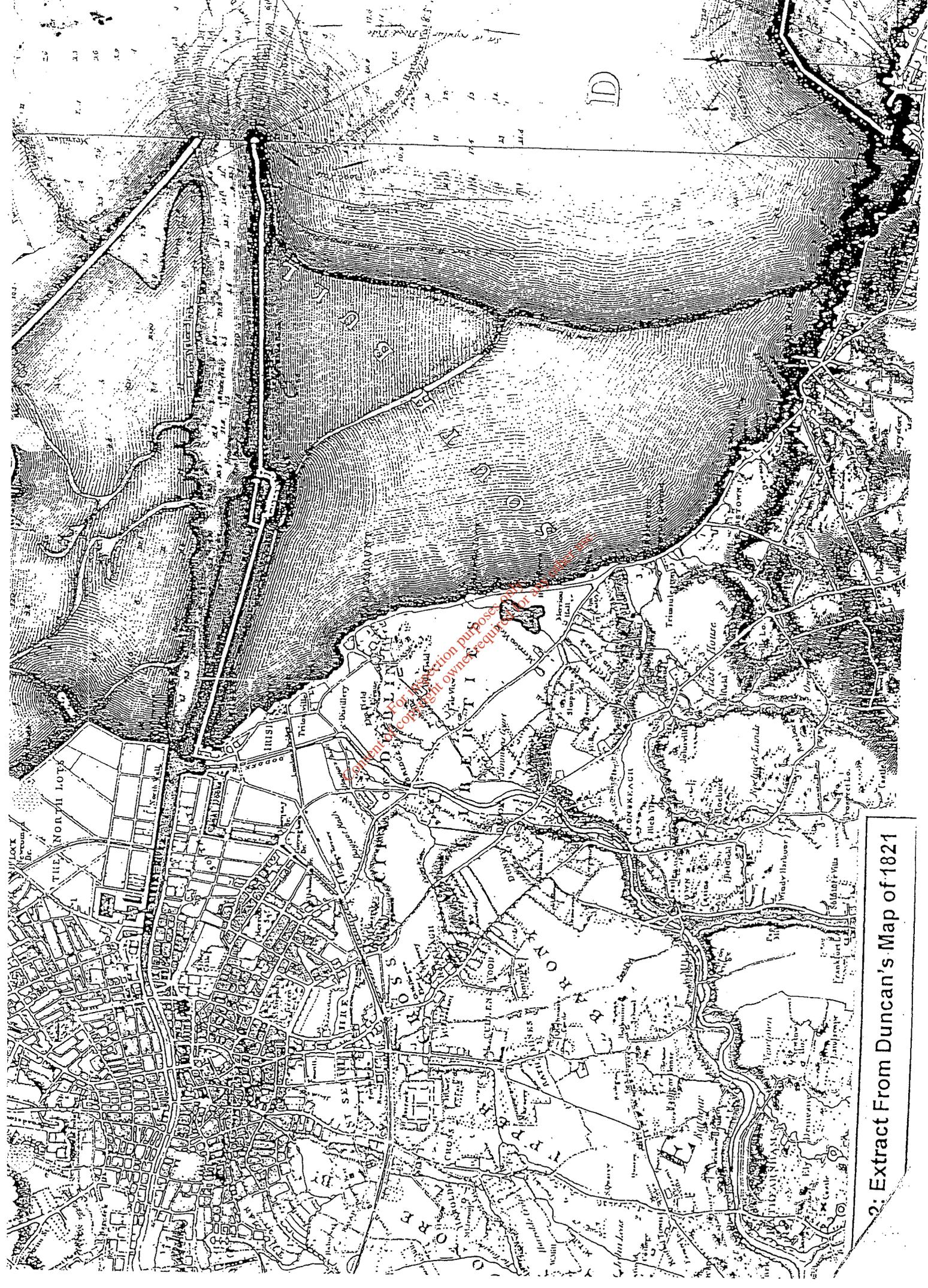
telephone 01-6682430



OH Sub No. 55A

Recd From: Ms. Lorna Kelly

24/04/2008



2: Extract From Duncan's Map of 1821