

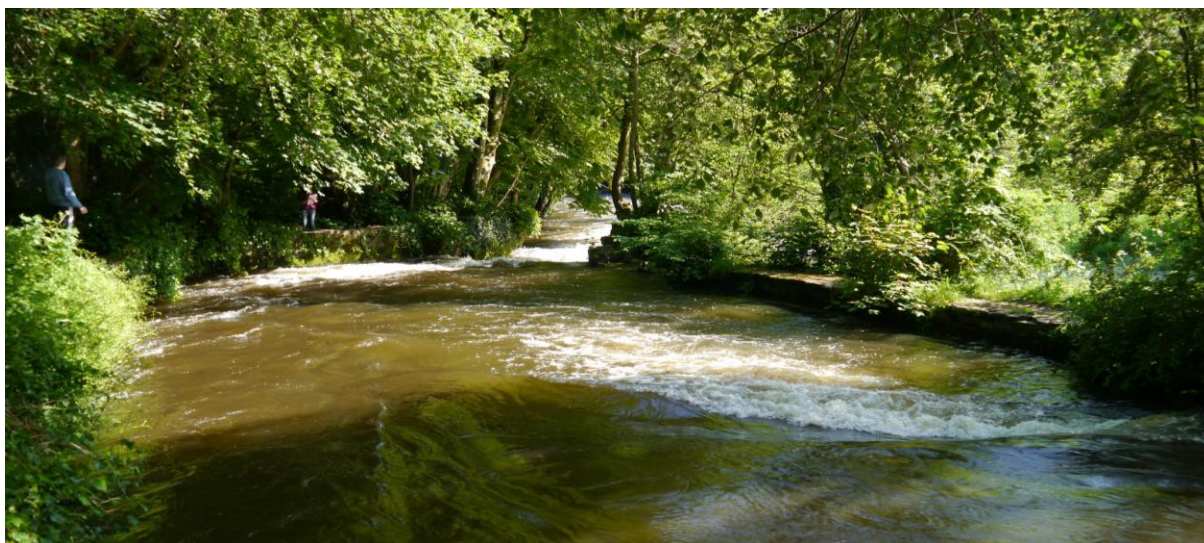
Proposed Additions

WEIRS

PROPOSED ADDITION TO RECORD OF PROTECTED STRUCTURES

RPS Review Ref: A127

**Weir & Sluice System, River Liffey, St. Catherine's Park,
Coldbow, Co. Dublin**



Other Designations:		Other Details:	
National or Recorded Monument	Not Applicable	Date of Construction	18 th Century
Architectural Conservation Area	Not Applicable	Structure Type	Weir and Sluice System
Ministerial Recommendation under NIAH	Not Applicable	Categories of Special Interest	Technical, Artistic

Description

Remains of a late 18th century diagonal weir located on the River Liffey within St Catherine's Park. The remains comprise an elongated curve near the centre of the flow. On the east bank parallel to the River Liffey is a dried out water channel with stone banks that are the substantial stone remains of abutments and a secondary channel and pond.

Appraisal

The weir and sluice gates are part of a coherent group of engineered river structures that include weirs, sluices and mills which are representative of the economic development along this stretch of the River Liffey. A painting from 1773-1775 of the River Liffey in Lucan House Demesne shows the weir and sluice gates. John Rocque's map of County Dublin from 1760 illustrates the water channel of a canal that runs from the sluice gate which predate the sluice weirs. This channel may have served the Linen Printing House that is marked further downstream. The first edition (c.1837-43) of the Ordnance Survey maps clearly shows the weir and channel, but over time the water channel has been cut off from the river and has dried up. The location of the sluice gate is apparent. This is an unusual and rare 18th century sluice system and of significant technical interest and of artistic interest due to its depiction in Robert's painting.

RECOMMENDATION: It is recommended that Weir & Sluice System, River Liffey, St. Catherine's Park, Coldbow, Co. Dublin is added to the Record of Protected Structures.



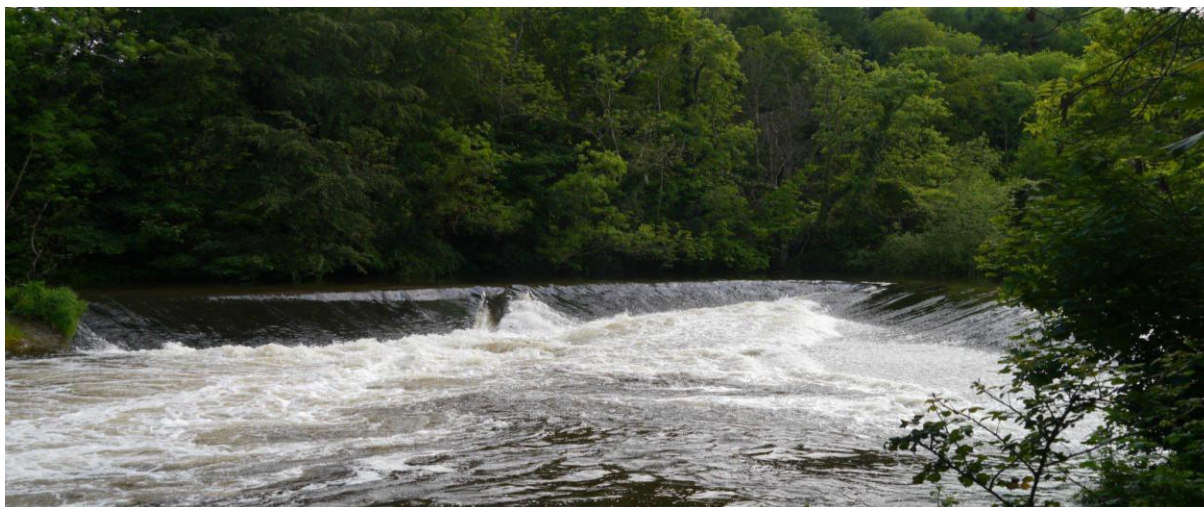
Proposed Addition to Record of Protected Structures

- ^ RPS Review Ref A127
— Weir and Sluice System,
River Liffey,
St. Catherine's Park,
Coldbow,
Co. Dublin

PROPOSED ADDITION TO RECORD OF PROTECTED STRUCTURES

RPS Review Ref: A128

Wren's Nest Weir, River Liffey, off Lower Road (R109),
Astagob, Lucan, Dublin 20



Other Designations:		Other Details:	
National or Recorded Monument	Not Applicable	Date of Construction	19 th Century
Architectural Conservation Area	Not Applicable	Structure Type	Weir
Ministerial Recommendation under NIAH	Not Applicable	Categories of Special Interest	Technical

Description

Substantial V-shaped 19th Century Weir located at Astagob adjacent to the Wren's Nest on the River Liffey. Ramped construction with fish chute, with remains of a sluice to the south side. The river marks the boundary between Fingal County Council and South Dublin County Council so only the northern part of the weir is within the boundaries of the council.

Appraisal

The weir is a good surviving example of a V shaped weir, one of a coherent group of historic weirs, sluices and mills which are representative of the economic and industrial development along this stretch of the River Liffey. On the north side of the Liffey at this point was the New Holland Iron and Starch works in the 19th century. This weir is particularly intact and fed a notably long mill race, once powering a substantial group of mills at Palmerstown Mill. Located a distance downstream to the South-east. The mills at Palmerstown in the 18th Century consisted of a number of mills; the French Mill, the Linen Mill, the Plating Mill, the Longwood Mill and the Big Skin Mill. In the 19th Century there were mills for printing, iron works, oil mills, dye stuff mill, coin mill and three wash mills.

RECOMMENDATION: It is recommended that Wren's Nest Weir, River Liffey, off Lower Road (R109), Astagob, Lucan, Dublin 20 is <u>added</u> to the Record of Protected Structures.



**Proposed Addition to
Record of Protected
Structures**

^ RPS Review Ref A128
Wren's Nest Weir,
River Liffey,
off Lower Road (R109),
Astagob,
Lucan,
Dublin 20

Architects Department, County Hall,
Main Street, Swords

Date: September 2015 | Scale @ A4:1:2,500

ITM Grid Ref: E706344 N735806

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PROPOSED ADDITION TO RECORD OF PROTECTED STRUCTURES

RPS Review Ref: A129

Weir, River Liffey, off Lower Road (R109),
Castleknock, Dublin 20



Other Designations:		Other Details:	
National or Recorded Monument	Not Applicable	Date of Construction	19 th Century
Architectural Conservation Area	Not Applicable	Structure Type	Weir
Ministerial Recommendation under NIAH	Not Applicable	Categories of Special Interest	Technical

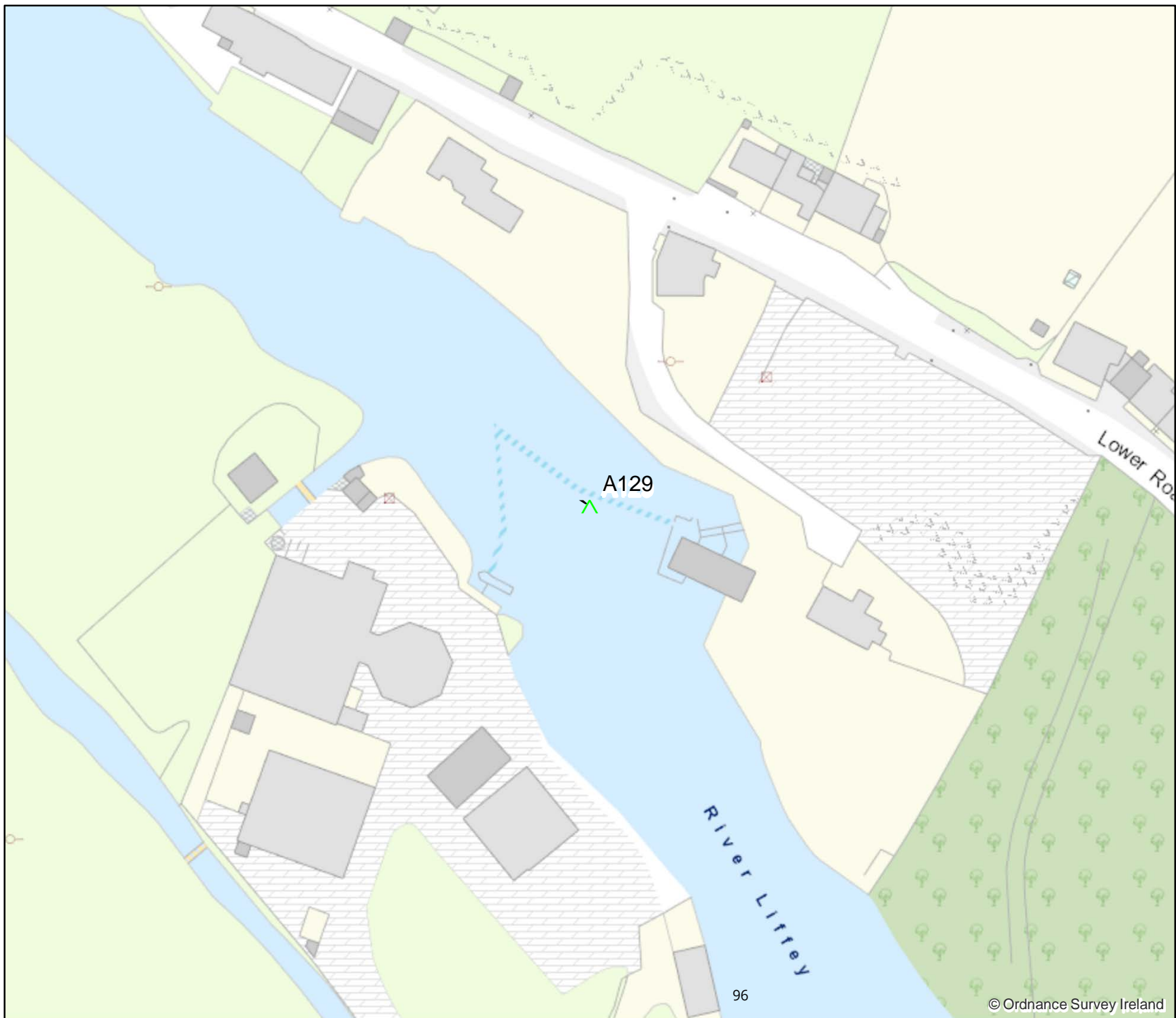
Description

Substantial 19th century V-shaped weir located at Castleknock / Palmerstown Lower on the River Liffey. Rendered masonry construction over timber framework. Revetment to south bank containing an arched opening. Remains of sluice to south side, retaining an iron gate mechanism. The river marks the boundary between Fingal County Council and South Dublin County Council so only the northern part of the weir is within the boundaries of the council.

Appraisal

The weir is a good surviving example of a V shaped weir and is one of a coherent group of structures of weirs, sluices and mills, which are representative of the economic and industrial development along this stretch of the River Liffey. On the north side of the river at Mardyke there was a flour mill in the mid-19th Century. While on the opposite side were the numerous mills of Palmerstown.

RECOMMENDATION: It is recommended that Weir, River Liffey, off Lower Road (R109), Castleknock, Dublin 20 is added to the Record of Protected Structures.



Proposed Addition to Record of Protected Structures

^ RPS Review Ref

A129 Weir,
River Liffey,
off Lower Road (R109),
Castleknock,
Dublin 20

Architects Department, County Hall,
Main Street, Swords

Date: September 2015 | Scale @ A4:1:1,000

ITM Grid Ref: E709110 N735575

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