Ann Kehoe

Subject:

FW: Indaver (Carranstown)- surface water discharge rate from site

From: Pat Kinsella [mailto:pkinsella@meathcoco.ie]

Sent: 26 July 2013 17:10 To: John McEntagart

Subject: Indaver (Carranstown)- surface water discharge rate from site

John,

As per Condition 7.I) of the grant of permission on SA 901467, 'The rate of surface water runoff from the proposed development shall not exceed the pre-development 'greenfield' runoff rate'.

As per the Greater Dublin Strategic Drainage Study (GDSDS) the surface water discharge rate from the developed site shall be restricted to the 'greenfield' runoff rate, QBAR_{rural}, estimated from the IH 124 equation.

0.00108Area^{0.89} x SAAR^{1.17} x SOIL ^{2.17} The IH 124 equation is QBAR_{rural}

9.7 Ha, .097km2 Area

SAAR = 802 0.45 SOIL

QBARrural

= 0.00108Area^{0.89} x SAAR^{1.17} x SOIL 300.00108(.097)^{0.89} x (802)^{1.17} x (Q.45)^{2.17}

 $= 0.00108 \times 0.1254 \times 2499.7 \times 0.1768$

 $= .0598 \, \text{m3/s}$

= 59.8 l/s

The maximum discharge rate of 59.8 l/s satisfies Condition 7.1 of the grant of permission on SA 901467 and also complies with the GDSDS.

Regards

Pat

Pat Kinsella Senior Executive Engineer **Environment & Water Services** Meath County Council Unit 16 Navan Enterprise Centre Trim Road, Navan

Email pkinsella@meathcoco.ie Phone 046 9067344 & 087 8267460

From: John McEntagart [mailto:J.McEntagart@epa.ie]

Sent: 23 July 2013 17:33

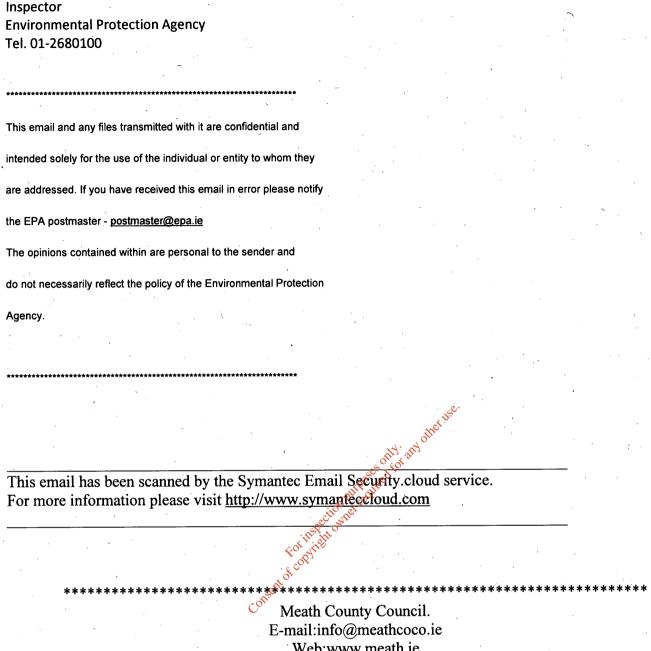
To: Pat Kinsella

Subject: Indaver (Carranstown)- surface water discharge rate from site

Hi Pat,

As per my phone call today, I was hoping you could confirm that Meath County Council agrees to Indaver's request to increase the maximum rate of surface water discharge from their site from 36.2 to 59.8 litres per second.

Kind regards, John McEntagart



Web:www.meath.ie Tel:046-9097000 Fax:046-9097001

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