

**Managing Directors**

**R Anthony** BSc CEng MICE FCIWEM C WEM MInst  
**R M Hare** BSc DAAS MSc (Proj Mgmt) FIBA MRPM MInst

**Directors**

**M W Oliver** BSc CEng MICE FIE FCIWEM C WEM MAPM  
**C Chealer** BSc BArch (Hons) RIBA  
**J Findlay** BSc (Hons) MRIC MInst  
**F Kerr** BEng (Hons) MSc CEng MICE MCIWEM C WEM  
**M McGuigan** BEng (Hons) CEng MICE MInst MCIWEM C WEM  
**A G Munro** BSc (Hons) Arch FIE Arch

**McAdam Design Ltd**  
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Belfast, BT5 6BQ

T 028 9040 2000  
F 028 9079 4144

E admin@mcadamdesign.co.uk  
www.mcadamdesign.co.uk

Reference: **NA/PMcK - E1166**

Date: **28<sup>th</sup> January 2013**

*DA2-13-187A*

**Rivers Agency**  
**Eastern Regional Office**  
**Ravarnet House**  
**Altona Road**  
**Largymore**  
**LISBURN**  
**BT27 5QB**

*Related*  
*DA2-11-2780*

Dear Sirs,

**NI Water Hunters Mill Project, Downpatrick**  
**(Planning Approval Reference R/2012/0179/F)**

We are writing in relation to the above project to be carried out on behalf of Northern Ireland Water. As part of the scheme two existing combined sewer overflows are to be closed and replaced by one new overflow in the same vicinity. The existing overflows discharge to the Plank Drain in the vicinity of Thomas Russell Park as would the new replacement overflow. The new overflow will however only operate when the new proposed 1,380 m<sup>3</sup> storm storage tank is full and it will also be fitted with bi directional 6mm screening. The net result of the storage provision is a significant reduction in the annual spill frequencies and volume as summarised below (from Drainage Area Study Model):-

Current CSOs:- Annual Spill Frequency: 50 Annual Spill Volume: 12,280 m<sup>3</sup>  
Proposed New CSO Arrangement:- Annual Spill Volume: 1 Annual Spill Volume: 1,297 m<sup>3</sup>

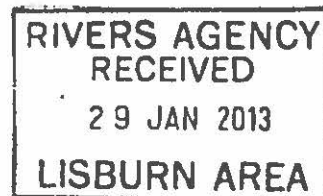
Please note that the new storage volume and spill details have been approved by NIEA Water Management Unit.

We would like to request Rivers Agency Approval for the new replacement overflow arrangement as shown on the attached drawings. Should you require any further details please contact the undersigned.

Yours faithfully



for **McADAM DESIGN**  
Engineering Associate



**Engineering Associates**

**N Annesley** BEng CEng MICE MInst  
**W J Dorman** BSc CEng MICE MCIWEM C WEM  
**S Dunn** BEng (Hons) MSc MInst  
**RD McFaul** BSc (Hons) MSc MICE MCIWEM C WEM  
**B M Owens** BSc (Hons) MSc MICE MCIWEM C WEM  
**P Papaio** BSc CEng MICE MInst  
**A G Smallwood** BSc (Hons) MSc MICE MCIWEM C WEM  
**DG Wray** BSc (Hons) MSc MICE MCIWEM C WEM

**Architectural Associates**

**N Barton** BSc Arch Dip Arch Dip  
**A Dadley** BSc Arch Dip Arch Dip  
**S P Warwick** BSc Arch Dip Arch Dip

**Consultants**

**P F Hunter** MSc  
**J McBride** BSc CEng MICE MCIWEM C WEM  
**CT Swinton** BSc CEng MICE MCIWEM C WEM

**Disciplines**

- Civil & Structural Engineering
  - Architecture
  - Project Management
  - Environmental Engineering
  - CDM Co-ordination
- McAdam Design is registered as a limited liability company in Northern Ireland, registered number NI14516





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Telephone: 028 9260 6100  
Fax: 028 9260 6111  
Web: [www.dardni.gov.uk/riversagency](http://www.dardni.gov.uk/riversagency)

FAO [REDACTED]  
McAdam Design Ltd  
1c Montgomery House  
478 Castlereagh Road  
Belfast BT5 6BQ

---

Your Ref: NA/PMcK – E1166

Our Ref: DA2-13-1879

29 Jan 2013

Dear Sir or Madam,

**RE: Hunters Mill Project, Downpatrick**

Thank you for your letter of 28 Jan 2013 regarding the above.

We are considering your request and will reply as soon as possible.

Please quote our reference number above on all future correspondence.

Yours faithfully

[REDACTED]

[REDACTED]

**Admin Section**

**From:** [Deegan, Ryan](#)  
**To:** [REDACTED]  
**Subject:** NI WATER HUNTERS MILL PROJECT, DOWNPATRICK  
**Date:** 11 April 2013 11:52:00  
**Attachments:** [image002.png](#)  
[image004.png](#)

---

FAO: [REDACTED]  
E1166

Your Ref: NA/PMcK -

Our Ref: DA2-13-

1879

Dear Sir,

**RE: Consent to discharge NI Water Emergency Overflow at Hunters Mill, Downpatrick.**

Thank you for your letter dated the 28<sup>th</sup> January 2013 and our phone call earlier today referring to the above. From a drainage aspect my comments are as follows.

This site is adjacent to a watercourse known to Rivers Agency as the Plank Drain (U3303) which is a designated watercourse under the terms of the Drainage (Northern Ireland) Order 1973.

The designated watercourse mentioned above may be suitable to accept your proposed storm water discharge. You would be required to submit a detailed site map indicating your point of discharge and full details of connection to the watercourse including anti-erosion methods. The discharge pipe should be turned in the direction of flow.

Details of your proposals including the maximum discharge figure in l/s should be submitted for Rivers Agency's consideration.

Upon receipt of the information requested Rivers Agency will reconsider the matter.

Commencement of work in advance of the above-mentioned plans being approved by the Agency is a contravention of the Drainage (Northern Ireland) Order 1973 and is likely to lead to legal proceedings.

Under the terms of Schedule 6 of the Drainage (Northern Ireland) Order 1973 the applicant must submit to Rivers Agency for its consent any proposal to carry out works which might affect a watercourse.

It is your responsibility to obtain all necessary way leaves to carry out these works.

Please quote above reference number on any further correspondence  
Yours faithfully



Ryan Deegan  
Engineering Section



Ryan Deegan  
Engineering Section  
Ravarnet House,  
Altona Road,  
Lisburn, BT27 5QB

TEL: 028 9260 6100

Ext: [REDACTED]

**From:** [Deegan, Ryan](#)  
**To:** [REDACTED]  
**Subject:** FW: E1166 (KS174) NI WATER HUNTERS MILL PROJECT, DOWNPATRICK  
**Date:** 03 September 2013 12:18:36  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[E1166-04B Hunters Mill General Arrangement.pdf](#)  
[E1166-12 Engineering Details Sheet 1.pdf](#)  
[Market street Rivers Agency Letter.pdf](#)  
**Importance:** High

---

[REDACTED]

Please TRIM (previous ref: DA2-13-1879) and pass through Michael to myself.

Thanks,  
Ryan.

---

**From:** [REDACTED]  
**Sent:** 02 September 2013 11:59  
**To:** Deegan, Ryan  
**Subject:** E1166 (KS174) NI WATER HUNTERS MILL PROJECT, DOWNPATRICK  
**Importance:** High

Ryan,

We would like to arrange to meet you to discuss the NI Water schemes for Hunters Mill and Market Street in Downpatrick.

See below for last correspondence on Hunters Mill.

In relation to the separate Market Street scheme we had Rivers Agency approval for the pumped storm discharge to the Quoile but the planned Emergency Overflow to the Rivers Agency pipe was not accepted (see letter attached). We would like to discuss this Emergency Overflow with you.

Both these schemes are being prepared to go to site and are extremely high profile schemes so we would like to meet to try and resolve any issues as soon as possible,

Regards,

[REDACTED]  
[REDACTED]  
McAdam Design

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478 Castlereagh Road  
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---

**From:** [REDACTED]  
**Sent:** 16 April 2013 16:07  
**To:** 'Deegan, Ryan'  
**Cc:** [REDACTED]  
**Subject:** E1166 (KS174) NI WATER HUNTERS MILL PROJECT, DOWNPATRICK

Ryan,

To get back to you in relation to the application below. We have spoken to the modellers who have provided the relevant peak flow information.

The peak storm flow for the proposed new overflow would be 358l/s

The peak storm flow to the same culvert from the current overflow (located approx. 147m upstream of the proposed new discharge point) would be 446l/s ie. there is a net reduction in the peak discharge to the Rivers Agency culvert.

In addition to this as previously advised there will be a very significant drop in the frequency of discharges to the watercourse (annual spill frequency reduces from 50 to 1) and the new overflow will be screened.

In terms of detailing it is proposed to construct a new 1800mm manhole on the existing storm culvert and the new overflow would come in on a branch connection (see layout and standard manhole details drawing attached).

Please let us know if you require any further details,

Regards,

[REDACTED]  
[REDACTED]  
McAdam Design

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---

**From:** Deegan, Ryan [mailto: [REDACTED]]  
**Sent:** 11 April 2013 11:52  
**To:** [REDACTED]  
**Subject:** NI WATER HUNTERS MILL PROJECT, DOWNPATRICK

FAO: [REDACTED]  
E1166

Your Ref: NA/PMcK -

Our Ref: DA2-13-

1879

Dear Sir,

**RE: Consent to discharge NI Water Emergency Overflow at Hunters Mill, Downpatrick.**

Thank you for your letter dated the 28<sup>th</sup> January 2013 and our phone call earlier today referring to the above. From a drainage aspect my comments are as follows.

This site is adjacent to a watercourse known to Rivers Agency as the Plank Drain (U3303) which is a designated watercourse under the terms of the Drainage (Northern Ireland) Order 1973.

The designated watercourse mentioned above may be suitable to accept your proposed storm water discharge. You would be required to submit a detailed site map indicating your point of discharge and full details of connection to the watercourse including anti-erosion methods. The discharge pipe should be turned in the direction of flow.

Details of your proposals including the maximum discharge figure in l/s should be submitted for Rivers Agency's consideration.

Upon receipt of the information requested Rivers Agency will reconsider the matter.

Commencement of work in advance of the above-mentioned plans being approved by the Agency is a contravention of the Drainage (Northern Ireland) Order 1973 and is likely to lead to legal proceedings.

Under the terms of Schedule 6 of the Drainage (Northern Ireland) Order 1973 the applicant must submit to Rivers Agency for its consent any proposal to carry out works which might affect a watercourse.

It is your responsibility to obtain all necessary way leaves to carry out these works.

Please quote above reference number on any further correspondence  
Yours faithfully

[REDACTED]

Ryan Deegan  
Engineering Section



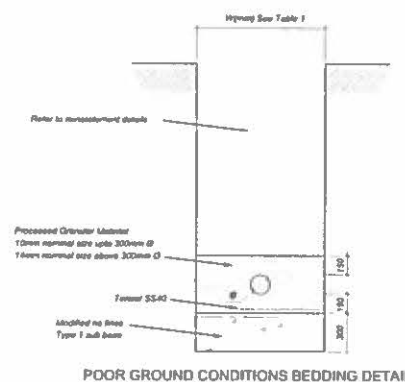
Ryan Deegan  
Engineering Section  
Ravarnet House,  
Altona Road,  
Lisburn, BT27 5QB

TEL: 028 9260 6100

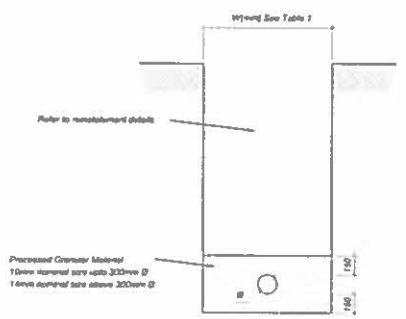
Ext: [REDACTED]



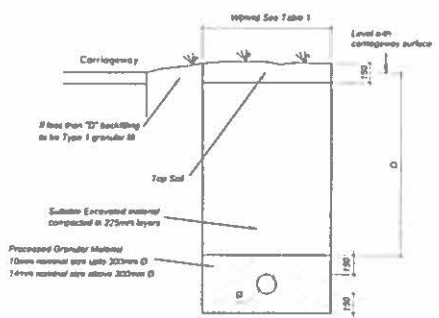




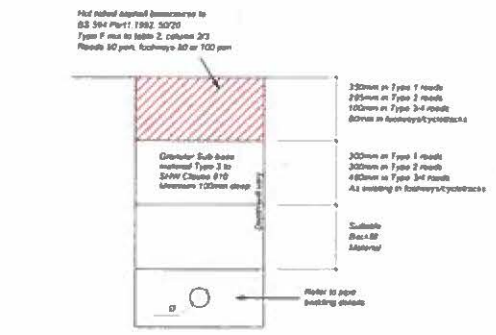
POOR GROUND CONDITIONS BEDDING DETAIL



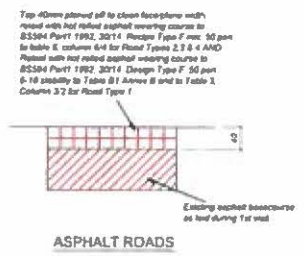
PVC-UNCONCRETE PIPEWORK IN ROADS



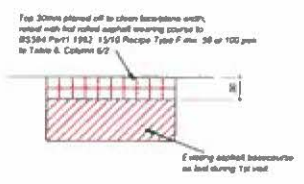
PVC-UNCONCRETE PIPEWORK IN GRASS



REINSTATEMENT IN ASPHALT ROADS AND FOOTWAYS  
1ST VISIT - PERMANENT BASECOURSE



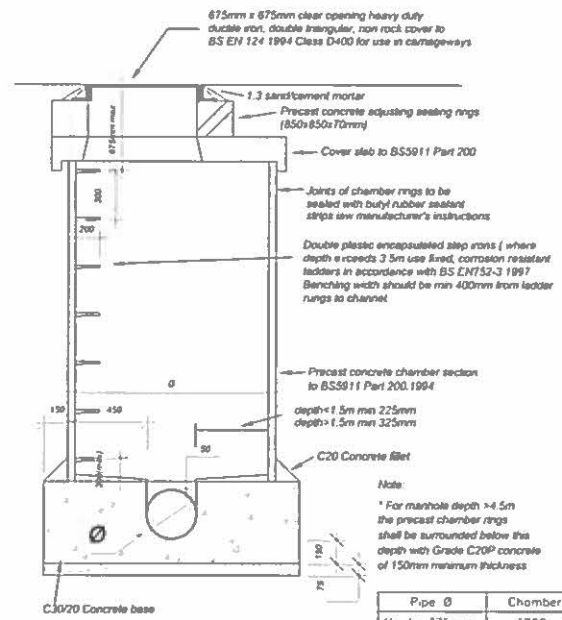
ASPHALT ROADS



ASPHALT FOOTWAYS

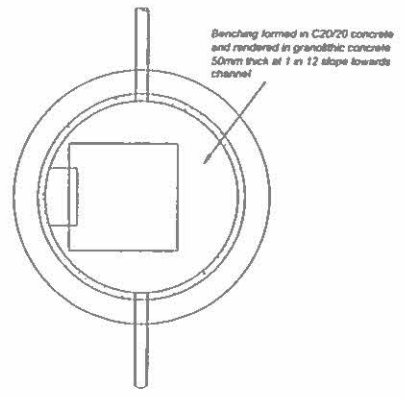
TABLE 1

| Diameter | Width (mm) | Width (mm) |
|----------|------------|------------|
| 150mm    | 490        | 690        |
| 225mm    | 560        | 780        |
| 300mm    | 690        | 880        |
| 375mm    | 950        | 1150       |
| 450mm    | 1030       | 1230       |
| 525mm    | 1120       | 1320       |
| 600mm    | 1240       | 1440       |
| 750mm    | 1360       | 1550       |



PRECAST CONCRETE MANHOLE SECTION  
(less than 4.5m deep)\*

| Pipe Ø       | Chamber Ø |
|--------------|-----------|
| Up to 375mm  | 1200mm    |
| 375 to 600mm | 1500mm    |
| 600 TO 900mm | 1800mm    |



- Notes:
- Where pipe dia. is 600mm or greater provide safety chains, guardrails at side of benching and toe holes in benching as BSEN 752-3:1997
  - When specified by the designer, a larger manhole ring shall be used when multiple pipework is entering a manhole or where a significant change in direction reduces working space.

Provide rocker pipes i.e. Clause 5.2 for all adjacent structures.

| Rev | Date     | Description | By | Chk | App |
|-----|----------|-------------|----|-----|-----|
| C   | 05/09/12 | As issued   |    |     |     |

Client: **DOWNPATRICK D.A.S. HUNTERS MILL PROJECT**

Drawing: **ENGINEERING DETAILS SHEET 1 OF 2**

Scale: **1:20 @ A1**

**MADAM DESIGN**

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Tel: 020 7946 2000  
Fax: 020 7975 1100  
Email: madam@madam-design.co.uk

| Drawn      | J.M.C.   | Checked    | H.S.     | Approved | C.B.     |
|------------|----------|------------|----------|----------|----------|
| Date       | 10/09/12 | Date       | 10/09/12 | Date     | 10/09/12 |
| Project No | E1166    | Drawing No | 12       | Revision | -        |



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BT27 5QB

Telephone: 028 9260 6100  
Fax: 028 9260 6111  
Web: [www.dardni.gov.uk/riversagency](http://www.dardni.gov.uk/riversagency)

Your Ref: NA/PMcK – E1164

Our Ref: DA2-12-5836

████████████████████  
McAdam Design Ltd  
1c Montgomery House  
478 Castlereagh Road  
Belfast  
BT5 6BQ

20<sup>th</sup> December 2012

Dear Sir,

**RE: PROPOSED DISCHARGE CONSENT FOR NI WATER PUMPING STATION, MARKET STREET, DOWNPATRICK.**

Thank you for your letter dated the 25<sup>th</sup> September 2012 referring to the above. From a drainage aspect my comments are as follows.

This site is adjacent to a watercourse known to Rivers Agency as the Town Drain (U3302) which is a designated watercourse under the terms of the Drainage (Northern Ireland) Order 1973.

Rivers Agency does not consent to your proposals to discharge the Emergency Overflow to the Town Drain as shown on drawing No. E1164 21 Rev C, due to existing infrastructural inadequacies downstream of the proposed discharge point.

Should you wish to discharge this emergency overflow to an alternative location on the watercourse you should resubmit your proposals to Rivers Agency for our consideration.

Rivers Agency would however consent to your other proposal of discharging 500l/s to the Quoile (and Annacloy) River which is a designated watercourse under the terms of the Drainage (Northern Ireland) Order 1973 as per drawing numbers, E1164 10 Rev B, E1164 42 Rev A and E1164 43 Rev A.

The overflow pipe should be turned in the direction of flow and anti scour measures taken to prevent bank and bed erosion.

The quality of discharge is outside the remit of Rivers Agency and you should seek consent / approval from the Northern Ireland Environment Agency (NIEA) in this regard.

In giving its consent the Agency would stress that it is your responsibility to ensure that the proposed works do not result in any obstruction to flow arising from blockage, structural failure, poor workmanship or any other reasons. Similarly, it is your responsibility to make provision for existing drainage.



Moreover, if in the future, another landowner wishes to drain land adjoining this site and within the same catchment he should not be prevented from doing so

This consent is valid for a period of 12 months from the date of this letter. If proposals are not completed within this period of time they should be resubmitted for further appraisal

Applicants should note that, in accordance with Para 11 of Schedule 6 of the Drainage (NI) Order 1973, any consent/approvals given by Rivers Agency under Schedule 6 Shall not affect the liability of any applicant to comply with other legislation relevant to works undertaken in pursuit of such consents/approvals.

It is your responsibility to obtain all necessary way leaves to carry out these works.

Under the terms of Schedule 6 of the Drainage (Northern Ireland) Order 1973 the applicant must submit to Rivers Agency for its consent any proposal to carry out works which might affect a watercourse.

Please quote above reference number on any further correspondence

Yours faithfully

Ryan Deegan  
Engineering Section

**From:** [Deegan, Ryan](#)  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** Consent to discharge NI Water Emergency Overflow at Hunters Mill, Downpatrick  
**Date:** 03 September 2013 12:21:16  
**Attachments:** [image005.png](#)  
[image006.png](#)

---

FAO: [REDACTED]

Your Ref: NA/PMcK - E1166  
1879

Our Ref: DA2-13-

3<sup>rd</sup> September 2013

Dear Sir,

**RE: Consent to discharge NI Water Emergency Overflow at Hunters Mill, Downpatrick.**

Thank you for your e-mail dated the 2<sup>nd</sup> September 2013 referring to the above. From a drainage aspect my comments are as follows.

This site is adjacent to a watercourse known to Rivers Agency as the Plank Drain (U3303) which is a designated watercourse under the terms of the Drainage (Northern Ireland) Order 1973.

Further to our telephone conversation earlier today, I can confirm that Rivers Agency cannot accept any further discharge to the culvert you are proposing to discharge to from the Hunters Mill Scheme, the culvert downstream of this location is at capacity.

Should you wish to discharge to an alternative location, you would be required to submit a detailed site map showing which watercourse you proposed to discharge to and full details of connection to the watercourse including anti-erosion methods and outlet details. The outlet should be turned in the direction of flow.

Details of your proposals including the maximum discharge figure in l/s should be submitted for Rivers Agency's consideration.

Upon receipt of the information requested Rivers Agency will reconsider the matter.

Commencement of work in advance of the above-mentioned plans being approved by the Agency is a contravention of the Drainage (Northern Ireland) Order 1973 and is likely to lead to legal proceedings.

Please quote above reference number on any further correspondence

Yours faithfully



Ryan Deegan  
Engineering Section



Ryan Deegan  
Engineering Section  
Ravarnet House,  
Altona Road,  
Lisburn, BT27 5QB

TEL: 028 9260 6100

Ext: [REDACTED]

**From:** [Deegan, Ryan](#)  
**To:** [REDACTED]  
**Subject:** FW: Discharge Consent Downpatrick  
**Date:** 13 November 2013 09:46:56  
**Attachments:** [image002.jpg](#)  
[BSG - 01 - Market Street Discharge.pdf](#)  
[BSG - 02 - Hunters Mill - Discharge.pdf](#)

---

[REDACTED]

Please TRIM this request and pass through Kenny.

Regards,  
Ryan.

---

**From:** [REDACTED]  
**Sent:** 12 November 2013 13:40  
**To:** Deegan, Ryan  
**Cc:** [REDACTED]  
**Subject:** Discharge Consent Downpatrick

Ryan

We will shortly be going to site with two new Northern Ireland Water schemes in Downpatrick. As part of the scheme we will have an amount of pumping to do of groundwater to existing water courses.

As part of the application to NIEA we need to have a written consent from the controlling body of the water course - in these cases Rivers Agency.

It should be noted that we do not anticipate to be pumping any great volume of ground water at either location and anticipate the impact on nearby watercourses would be negligible.

I have attached the proposed discharge locations. Could you give me a ring if you require any further information on these - thanks.

Best Regards,

[REDACTED]

**BSG Civil Engineering Ltd**

6 Bank Square, Maghera, Co Derry, BT46 5AZ



**Description: Copy (4) of e-mail footer originalv5**



| Drawn By | Date     | Checked By | Date    | Approved By | Date     |
|----------|----------|------------|---------|-------------|----------|
| JA       | 18/10/15 | PLM        | 1/08/11 | UC          | 08/10/11 |



Figure 1 - General Site Location  
(www.maps.google.co.uk)

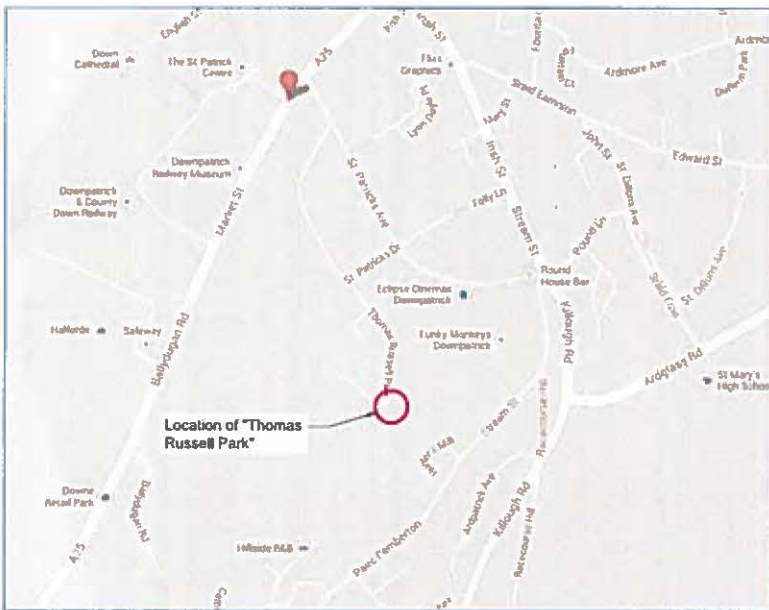



Figure 2 - Local Site Location  
(www.maps.google.co.uk)



Site Plan  
(1:500@A1)

|  |                     |
|--|---------------------|
| CLIENT : northern ireland water  |                     |
| PROJECT : HUNTERS MILL   | PROJECT NO : C37 MS |
| DRAWING TITLE : DISCHARGE CONSENT  |                     |
| SCALE : AS SHOWN@A1  |                     |
| DRAWING NO : GA - 02   | REV :               |
|  6 Bank Square,<br>Maghera, Co.Derry,<br>Northern Ireland,<br>BT46 5AZ<br>Tel : 028 796 43610 |                     |



**From:** [Deegan, Ryan](#)  
**To:** [REDACTED]  
**Subject:** RE: PROPOSED DISCHARGE CONSENT FOR NI WATER SCHEMES AT MARKET STREET AND HUNTERS MILL DOWNPATRICK.  
**Date:** 27 November 2013 14:15:00  
**Attachments:** [image005.png](#)  
[image006.png](#)

---

FAO: [REDACTED]  
BSG Civil Engineering Ltd

Our Ref: DA2-13-20384

Dear Sir,

**RE: PROPOSED DISCHARGE CONSENT FOR NI WATER SCHEMES AT MARKET STREET AND HUNTERS MILL DOWNPATRICK.**

Thank you for your e-mail dated the 12<sup>th</sup> November 2013 referring to the above. From a drainage aspect my comments are as follows.

The Hunters Mill site is adjacent to a watercourse known to Rivers Agency as the Plank Drain (U3303), and the Market Street Site is adjacent to a watercourse known to Rivers Agency as the Town Drain (U3302) both of which are designated watercourses under the terms of the Drainage (Northern Ireland) Order 1973.

Rivers Agency does not consent to your proposals to discharge ground water to either watercourse as shown in Drawing No: GA – 01 and GA – 02. The Agency cannot accept any further discharge as the culverts downstream of these locations are at capacity.

Should you wish to discharge to an alternative location, you would be required to submit a detailed site map showing which watercourse you proposed to discharge to and full details of connection to the watercourse including anti-erosion methods and outlet details. The outlet should be turned in the direction of flow.

Details of your proposals including the maximum discharge figure in l/s should be submitted for Rivers Agency's consideration.

Upon receipt of the information requested Rivers Agency will reconsider the matter.

Commencement of work in advance of the above-mentioned plans being approved by the Agency is a contravention of the Drainage (Northern Ireland) Order 1973 and is likely to lead to legal proceedings.

Please quote above reference number on any further correspondence  
Yours faithfully



Ryan Deegan  
Engineering Section



Ryan Deegan  
Engineering Section  
Ravarnet House,  
Altona Road,  
Lisburn, BT27 5QB

TEL: 028 9260 6100

Ext: [REDACTED]

**From:** [Morhall, Walter](#)  
**To:** [REDACTED]; [Robb, Michael](#)  
**Subject:** Fw: E1166 Hunters Mill, Downpatrick  
**Date:** 22 December 2014 17:20:59  
**Attachments:** [Proposed Temporary Overpumping Sketch.pdf](#)

---

[REDACTED]

Can you trim, pass to Ryan, cc me .Michael, Kenny

Walter

This was sent from my Blackberry Device.

---

**From:** [REDACTED]  
**Sent:** Monday, December 22, 2014 05:11 PM  
**To:** Morhall, Walter  
**Subject:** E1166 Hunters Mill, Downpatrick

Walter,

I was given your contact details by [REDACTED] from NI Water.

We are Project Managers for NI Water on their Hunters Mill Sewer Project in Downpatrick. As part of these works our contractor needs to carry out work in the vicinity of the existing Rivers Agency storm culvert (900mm concrete pipe) including a new twin 450mm pipe crossing below it.

At this location the storm pipe seems to have a standing water level at most times so to facilitate our work our contractor is proposing to put in a temporary pumping arrangement to pump this section of storm culvert down (by placing a temporary bung in the outgoing pipe to prevent backflows and over-pumping the incoming sewer to the storm culvert downstream (see attached sketch). **This would only be undertaken during an appropriate dry period only and would be closely monitored.**

Can you advise if Rivers Agency would permit them to carry out this procedure to facilitate the NIW work?

Regards,

[REDACTED]

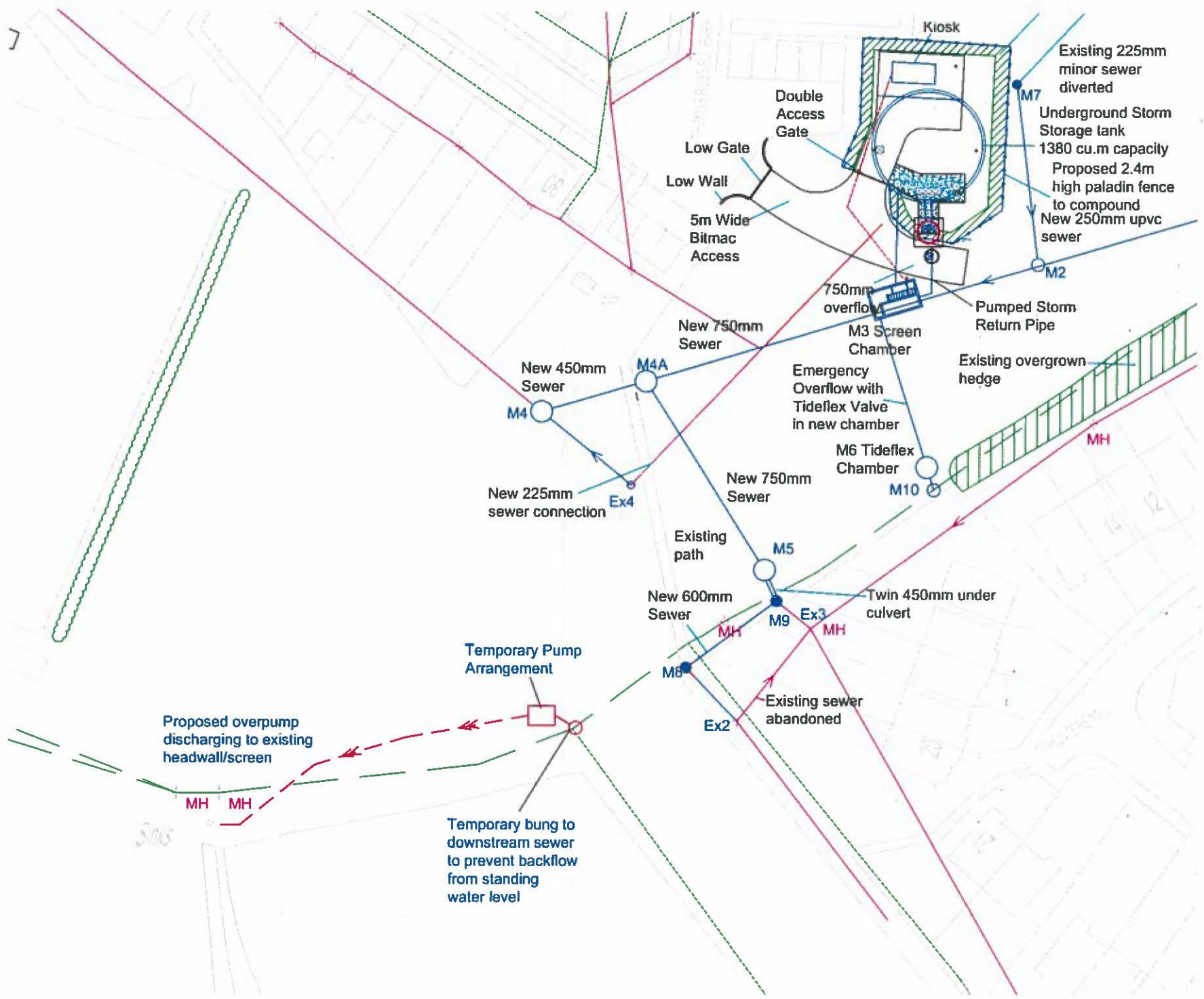
McAdam Design

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Castlereagh Business Park  
478 Castlereagh Road  
Belfast, BT5 6BQ

[ t ] 028 9040 2000

[ f ] 028 9079 4144

[ w ] [www.mcadamdesign.co.uk](http://www.mcadamdesign.co.uk)



Existing 225mm minor sewer diverted  
Underground Storm Storage tank  
1380 cu.m capacity  
Proposed 2.4m high paladin fence to compound  
New 250mm upvc sewer

Double Access Gate  
Low Gate  
Low Wall  
5m Wide Bitmac Access

750mm overflow  
M3 Screen Chamber  
Pumped Storm Return Pipe

Emergency Overflow with Tideflex Valve in new chamber  
M6 Tideflex Chamber

New 450mm Sewer  
M4  
New 225mm sewer connection  
Ex4

New 750mm Sewer  
M5  
New 600mm Sewer  
M9

Twin 450mm under culvert

Proposed overpump discharging to existing headwall/screen

Temporary Pump Arrangement

Temporary bung to downstream sewer to prevent backflow from standing water level

Existing sewer abandoned

Existing overgrown hedge

**From:** [REDACTED]  
**To:** [Deegan, Ryan](#)  
**Cc:** [REDACTED]  
**Subject:** E1166 Hunters Mill, Downpatrick  
**Date:** 17 February 2015 09:39:19  
**Attachments:** [Temporary Overpumping Sketch Rev 2.pdf](#)  
[E1166-Fig 1 Pipe Below Culvert Detail.pdf](#)

---

Ryan,

Please find attached an updated drawing and detail for the proposed temporary pumping at Hunters Mill to facilitate the pipe installation below the culvert (concrete surround and haunch indicated as discussed). Note work will have to take place in dry weather conditions.

I have indicated the proposed overflow connection to the existing 900mm storm pipe as "subject to Rivers Agency Approval" as per recent email correspondence on this issue.

Please come back to me if you require anything else regarding this,

Regards,

[REDACTED]

[REDACTED]

McAdam Design

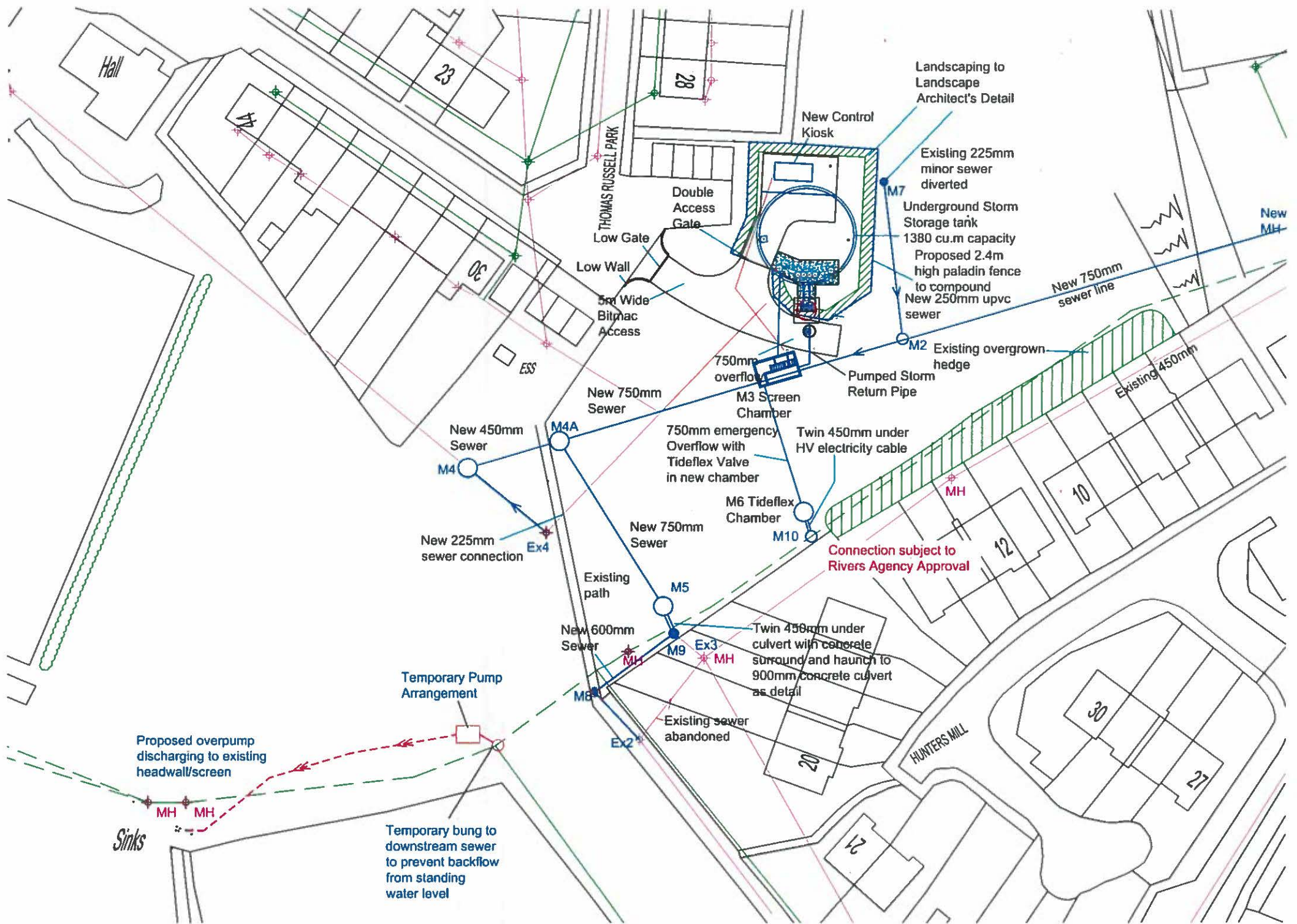
1C Montgomery House  
Castlereagh Business Park  
478 Castlereagh Road  
Belfast, BT5 6BQ

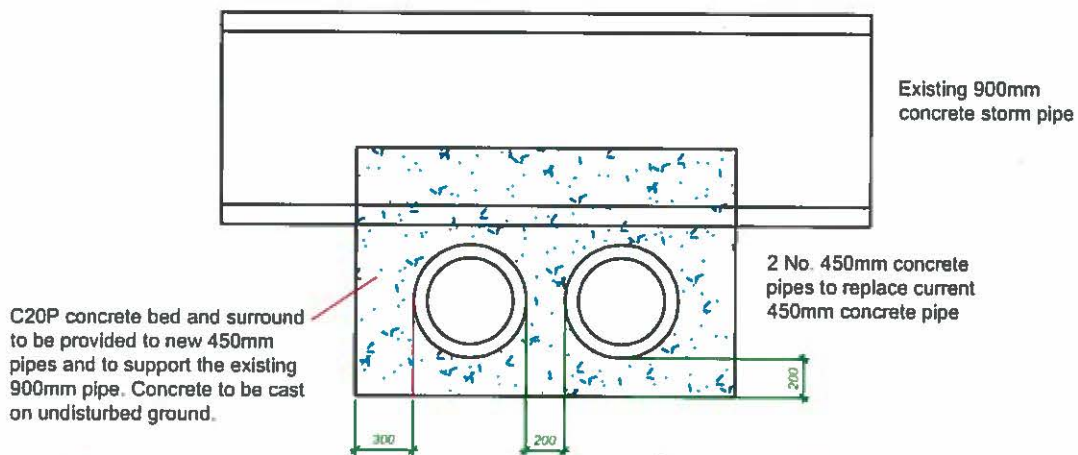
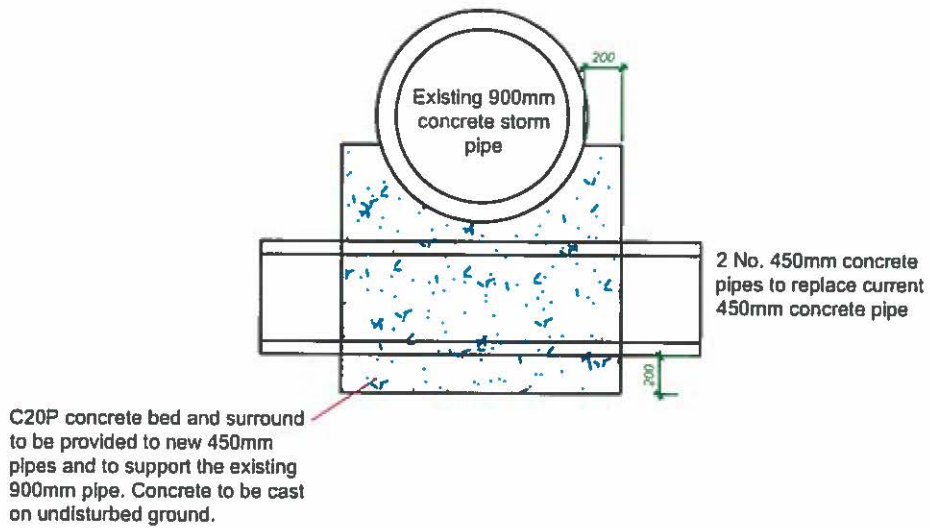
[ t ] 028 9040 2000

[ f ] 028 9079 4144

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E1166 Figure 1 : 13.02.25  
 Detail of Proposed 450mm Pipes  
 Below Existing 900mm Storm Pipe

**From:** [REDACTED]  
**To:** [Deegan, Ryan](#)  
**Subject:** E1166: RIVERS AGENCY Consent KS374 Hunters Mill, Downpatrick  
**Date:** 10 March 2015 09:35:24  
**Attachments:** [Temporary Overpumping Sketch Rev 2.pdf](#)  
[E1166-Fig 1 Pipe Below Culvert Detail.pdf](#)

---

Ryan,

Following the last discussion we had regarding the above I had to send a detail showing a concrete haunch and surround and then Rivers would consider approving the temporary pumping arrangement to allow us to carry out our twin pipe crossing under the culvert. This was sent on 17th February.

Can you confirm that we can now proceed with this and that we can arrange for you to visit and inspect the culvert when the temporary pumping set up is in place to consider the overflow connection?

Regards,

[REDACTED]

[REDACTED]

McAdam Design

1c Montgomery House  
Castlereagh Business Park  
478 Castlereagh Road  
Belfast, BT5 6BQ

T 028 9040 2000  
F 028 9079 4144

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**From:** [Deegan, Ryan](#)  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Request for consent to discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.  
**Date:** 12 March 2015 12:51:00  
**Attachments:** [image005.png](#)  
[image006.png](#)

---

FAO: [REDACTED]  
NA/PMcK - E1166  
On behalf of McAdam Design  
DA2-13-1879~2

Your Ref:

Our Ref:

Dear Sir,

**RE: Request for consent to discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.**

Thank you for your e-mails dated the 22<sup>nd</sup> December 2014, 17<sup>th</sup> February 2015 and the 10<sup>th</sup> March 2015 referring to the above. From a drainage aspect my comments are as follows.

This site is adjacent to a watercourse known to Rivers Agency as the Plank Drain (U3303) which is a designated watercourse under the terms of the Drainage (Northern Ireland) Order 1973.

Rivers Agency would agree to your proposals to temporarily over-pump the Plank Drain as shown on your drawing 'temporary over pumping sketch Rev 2'.

Additionally Rivers Agency agrees to your proposals to construct twin 450mm diameter culverts below the designated 900mm culvert as shown on drawing E1166 Figure 1: 13.02.25.

Rivers Agency advises building over, under or adjacent to existing culverts, however where this may prove unavoidable the system should be designed in such a way as to ensure that there is no increased imposed loading upon the culvert. Furthermore any works undertaken by your client must not inhibit access to the watercourse by Rivers Agency for the purposes of maintenance.

Rivers Agency may be prepared to agree in principle to your proposals to discharge to the 900mm diameter culvert as shown on drawing No's. E1166 04 Rev B and E1166 12, subject to inspections carried out of this culvert during the over pumping exercise. The Agency would require that the culvert be de-silted to allow a thorough investigation including a CCTV survey which you would be required to carry out at your expense.

Rivers Agency stresses that it is your clients responsibility to prove any culvert location on site.

Under the terms of Schedule 6 of the Drainage (Northern Ireland) Order 1973 the

applicant must submit to Rivers Agency for its consent any proposal to carry out works which might affect a watercourse.

It is your responsibility to obtain all necessary way leaves to carry out these works.

Please quote above reference number on any further correspondence

Yours faithfully



Ryan Deegan  
Engineering Section



Ryan Deegan  
Engineering Section  
Ravarnet House,  
Altona Road,  
Lisburn, BT27 5QB

TEL: 028 9260 6100

Ext: [REDACTED]

**From:** [REDACTED]  
**To:** [Deegan, Ryan](mailto:Deegan, Ryan)  
**Cc:** [REDACTED]  
**Subject:** E1166 Request for consent to discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.  
**Date:** 21 April 2015 14:11:00  
**Attachments:** [image001.png](#)  
[image002.png](#)

---

Ryan,

Our contractor is setting up this temporary pumping arrangement at present – we will keep in touch and let you know when inspection of the culvert is possible,

Regards,

[REDACTED]

[REDACTED]  
McAdam Design

1c Montgomery House  
Castlereagh Business Park  
478 Castlereagh Road  
Belfast, BT5 6BQ

**T** 028 9040 2000  
**F** 028 9079 4144

[www.mcadamdesign.co.uk](http://www.mcadamdesign.co.uk)

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**From:** Deegan, Ryan [mailto:[REDACTED]]  
**Sent:** 12 March 2015 12:51  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Request for consent to discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.

**FAO:** [REDACTED]  
NA/PMcK - E1166  
On behalf of McAdam Design  
DA2-13-1879~2

Your Ref:

Our Ref:

Dear Sir,

**RE: Request for consent to discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.**

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Under the terms of Schedule 6 of the Drainage (Northern Ireland) Order 1973 the applicant must submit to Rivers Agency for its consent any proposal to carry out works which might affect a watercourse.

It is your responsibility to obtain all necessary way leaves to carry out these works.

Please quote above reference number on any further correspondence

Yours faithfully



Ryan Deegan  
Engineering Section



Ryan Deegan  
Engineering Section

**From:** [Martin, Jim](#)  
**To:** [McGivern, Owen](#)  
**Cc:** [Morhall, Walter](#); [Deegan, Ryan](#)  
**Subject:** FW: KS 374 Thomas Russell Park - Failure to agree a Lease for the new underground sewage retention tank  
**Date:** 10 August 2016 11:43:00  
**Attachments:** [image003.jpg](#)  
[image004.jpg](#)  
[image005.jpg](#)  
[Response \(11-3-15\).doc](#)

---

Owen.

See attached letter from Ryan to McAdam Design. Rivers Agency have no record of receiving a response to the correspondence.

NIW are requesting discharge to the Plank Drain which is heavily silted, contains high water levels, is potentially structurally unsound and regularly surcharges. The Agency is therefore cautious about permitting discharge. It is accepted that NIW have made the case that this proposal reduces discharge during peak flows albeit to below the levels caused by, according to Rivers Agency records, unapproved discharges.

This Agency is content to issue a letter providing Schedule 6 Consent in Principle, pending the outcome of an inspection, subject to confirmation from NIW that they will carry out local de-silting to facilitate detailed inspection.

Jim

---

**From:** McGivern, Owen  
**Sent:** 08 August 2016 18:00  
**To:** Martin, Jim  
**Cc:** [REDACTED]  
**Subject:** FW: KS 374 Thomas Russell Park - Failure to agree a Lease for the new underground sewage retention tank

Jim

Can you give a look at this.

Owen

Sent from my BlackBerry 10 smartphone.

---

**From:** [REDACTED] >  
**Sent:** Monday, 8 August 2016 17:06  
**To:** McGivern, Owen  
**Cc:** [REDACTED]  
**Subject:** FW: KS 374 Thomas Russell Park - Failure to agree a Lease for the new underground sewage retention tank

Owen, would you take a look at this one please – do Newry and Mourne Council need a Rivers Agency consent to discharge and if so can it be progressed

Thank you as always

[REDACTED]  
Head of Safety & Asset Management  
Northern Ireland Water

Office: [REDACTED]  
Mobile: [REDACTED]

**Stay Safe – Zero Harm**



**'Tap into Health and drink the recommended 6-8 glasses of water per day. Water is fat free, has no calories and with NI Water supplying high quality drinking water to our taps, keeping your fluid levels topped up couldn't be easier.'**

---

**From:** [REDACTED]  
**Sent:** 18 July 2016 16:38  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** KS 3/4 Thomas Russell Park - Failure to agree a Lease for the new underground sewage retention tank

[REDACTED]

See below from [REDACTED] regarding the lease from Newry, Mourne and Down District Council. The Council are insisting on a Consent to Discharge (not sure why) before they will sign.

[REDACTED] tried to get this issue progressed in the past

The previous combined (unscreened) discharges were approximately 50 times a year to the Plank Drain with peak flow 446 l/sec & total volume of 12,280 m3 per annum.

The new upgraded sewerage network now screens(6mm) sewage and spills approximately once a year with peak flow of 358 l/sec & total volume of 1,297m3 per annum. CONSIDERABLE IMPROVEMENT

Could this issue be raised again at the next FIPG meeting ?

Regards

[REDACTED]

---

**From:** [REDACTED]  
**Sent:** 11 July 2016 12:17  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** FW: Thomas Russell Park - 905.1564.6 - GT/LM 24/13A - SUBJECT TO AGREEMENT

■

NIW has agreed to take a lease from Newry, Mourne and Down District Council in respect of land at Thomas Russell Park/Dunleath Park/Hunter's Mill, Downpatrick for the purposes of the construction and operation of a new underground sewage retention tank. The works have been done and the lease has been drafted. I attach: -

1. Draft Lease
2. Email from ■ dated 3/3/15 at 11.20 – you will note his response to point 8.
3. My email to the other solicitor dated 24/5/16 at 17.14 – you will note the details regarding Rivers Agency's position.

I confirm that the Council's solicitors are refusing to have the lease executed until the consent is in place. Please confirm if this enables you to escalate the matter as set out below.

Thanks in advance,

■  
**Senior Property Lawyer**  
**northern ireland water**

Westland House  
Old Westland Road  
Belfast, BT14 6TE

Tel: 02890 354813 Extn ■

**'Tap into Health and drink the recommended 6-8 glasses of water per day. Water is fat free, has no calories and with NI Water supplying high quality drinking water to our taps, keeping your fluid levels topped up couldn't be easier.'**

**Stay Safe – Zero Harm**



---

**From:** ■  
**Sent:** 08 July 2016 16:03  
**To:** ■  
**Subject:** RE: Thomas Russell Park - 905.1564.6 - GT/LM 24/13A - SUBJECT TO AGREEMENT

■

Previously ■ was pushing this issue on the inter – agency FIPG group. ■ and ■ represent NIW on this group. To date we have had no luck getting a response from Rivers.

■

Could you provide me with a summary of the issue /problem for NIW if Rivers continue to refuse to grant us a Discharge Consent please?

I can then advise ■ to raise at the next meeting

Regards

■  
**From:** ■  
**Sent:** 07 July 2016 10:05  
**To:** ■  
**Subject:** FW: Thomas Russell Park - 905.1564.6 - GT/LM 24/13A - SUBJECT TO AGREEMENT

■  
Re Hunters Mill scheme.

See below. Council are insisting we get a consent. Can you advise who should escalate the Rivers consent issue?

Regards,

■  
Estate Officer (Lands)  
northern ireland water  
EP Building  
Westland Complex  
Old Westland Road  
Belfast  
BT14 6TE  
Mob: ■  
Tel: ■ ■  
Web: [www.niwater.com](http://www.niwater.com)

---

**From:** ■  
**Sent:** 06 July 2016 12:51  
**To:** ■  
**Cc:** ■  
**Subject:** RE: Thomas Russell Park - 905.1564.6 - GT/LM 24/13A - SUBJECT TO AGREEMENT

Dear All

I have just spoken to ■ – she is not prepared to budge re the Rivers Agency consent. May I suggest that we escalate [Rivers Agency's refusal to provide a consent] within the Department for Infrastructure?

TIA

■  
**From:** ■  
**Sent:** 22 June 2016 14:50  
**To:** ■  
**Cc:** ■  
**Subject:** RE: Thomas Russell Park - 905.1564.6 - GT/LM 24/13A - SUBJECT TO AGREEMENT

■  
May I check the current position in respect of the above?

Thanks in advance,



[REDACTED]  
**Senior Property Lawyer**  
**northern ireland water**  
Westland House  
Old Westland Road  
Belfast, BT14 6TE

Tel: [REDACTED] [REDACTED]

**'Tap into Health and drink the recommended 6-8 glasses of water per day. Water is fat free, has no calories and with NI Water supplying high quality drinking water to our taps, keeping your fluid levels topped up couldn't be easier.'**

***Stay Safe – Zero Harm***



---

**From:** [REDACTED]  
**Sent:** 24 May 2016 17:14  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Thomas Russell Park - 905.1564.6 - SUBJECT TO AGREEMENT

[REDACTED]  
Thank you for this.

Unfortunately Northern Ireland Water Ltd is not in a position to covenant to obtain the Rivers Agency consent. As stated below, I am instructed that Rivers Agency have indicated verbally that they have no objection to the work being done, but that they are reluctant to issue a formal consent. Can I suggest that covenant (4) be amended to read: -

"Within a period of 18 months from 31st October 2013 (hereinafter referred to as the 'Works Period') to carry out and complete the Works in accordance with the Specification (attached at the Appendix hereto) to the satisfaction of the Council, save that the Lessee's obligation in respect of obtaining consent from Rivers Agency shall be to use reasonable endeavours to obtain such consent."

Thanking you in anticipation,

[REDACTED]  
**Senior Property Lawyer**  
**northern ireland water**  
Westland House  
Old Westland Road  
Belfast, BT14 6TE

Tel: [REDACTED] [REDACTED]

**'Tap into Health and drink the recommended 6-8 glasses of water per day. Water is fat free, has no calories and with NI Water supplying high quality drinking water to our taps, keeping your fluid levels topped up couldn't be easier.'**

***Stay Safe – Zero Harm***



---

**From:** [REDACTED]

**Sent:** 24 May 2016 12:16

**To:** [REDACTED]

**Subject:** RE: Thomas Russell Park - 905.1564.6 - SUBJECT TO AGREEMENT

\*\*\*External Email\*\*\*

[REDACTED]

My client is content that reference to the temporary road remains. You requested this on the basis that your client does not want to amend the Lease.

Although your client wants to amend the lease by deletion of the provisions regarding discharge consent. A formal consent is required and if it is not to be attached then the Lease would have to be executed subject to the consent being granted. Can you clarify why it is not issued at this point.

It appears the Lease can be executed now subject to the above.

Thanks

[REDACTED]

Solicitor  
Property and Development Projects  
Legal Services Section  
Belfast City Council  
City Hall, Belfast, BT1 5GS  
DX 383NR Belfast

[REDACTED]

---

**From:** [REDACTED]

**Sent:** 04 May 2016 17:30

**To:** [REDACTED]

**Subject:** RE: Thomas Russell Park - 905.1564.6 - SUBJECT TO AGREEMENT

[REDACTED]

May I check the current position in respect of the above?

Thanks in advance

[REDACTED]

**Senior Property Lawyer**

**northern ireland water**

Westland House  
Old Westland Road  
Belfast, BT14 6TE

Tel: [REDACTED] [REDACTED]

**'Tap into Health and drink the recommended 6-8 glasses of water per day. Water is fat free, has no calories and with NI Water supplying high quality drinking water to our taps, keeping your fluid levels topped up couldn't be easier.'**

**Stay Safe – Zero Harm**



**From:** [REDACTED]  
**Sent:** 12 April 2016 12:24  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Thomas Russell Park - 905.1564.6 - SUBJECT TO AGREEMENT

[REDACTED]

I am instructed that Rivers Agency have indicated verbally that they have no objection to the work being done, but that they are reluctant to issue a formal consent. Please confirm if the reference to this may be removed from the draft Agreement.

Thanking you in anticipation,

[REDACTED]

---

**From:** [REDACTED]  
**Sent:** 11 April 2016 12:16  
**To:** [REDACTED]  
**Subject:** RE: Thomas Russell Park - 905.1564.6 - SUBJECT TO AGREEMENT

\*\*\*External Email\*\*\*

[REDACTED], I await to hear from my client regarding your e-mail below. Have you received the discharge consent as yet?

[REDACTED]  
Solicitor  
Property and Development Projects  
Legal Services Section  
Belfast City Council  
City Hall, Belfast, BT1 5GS  
DX 383NR Belfast

[REDACTED]

---

**From:** [REDACTED]  
**Sent:** 25 February 2016 15:44  
**To:** [REDACTED]  
**Subject:** RE: Thomas Russell Park - 905.1564.6 - SUBJECT TO AGREEMENT

[REDACTED]

I would prefer to leave the reference to the Temporary Road at this point rather than make further amendments to the draft Lease.

I attach the current draft Lease and maps. Can you confirm if the lease may be executed at this stage? I note that the copy consent to discharge trade effluent into a sewer dated 11<sup>th</sup> May 2009 is to be inserted into the Fourth Schedule.

I am advised that official discharge consent has not yet been granted by Rivers Agency.

I look forward to hearing from you.

[REDACTED]  
Senior Property Lawyer  
northern ireland water

Westland House  
Old Westland Road  
Belfast, BT14 6TE

Tel: [REDACTED] [REDACTED]

cid:image001.jpg@01CECE73.AF57A280



**Stay Safe – Zero Harm**



---

**From:** [REDACTED]  
**Sent:** 23 February 2016 15:55  
**To:** [REDACTED]  
**Subject:** Thomas Russell Park - 905.1564.6 - SUBJECT TO AGREEMENT

\*\*\*External Email\*\*\*

[REDACTED], my e-mail from earlier today refers; see attached maps forwarded by my client; is there a need for reference to the Temporary Road at this point? If not then we should remove it although the alternative map attached may need to be amended as it seems to just cut out the roadway and therefore may not be appropriate..

Look forward to hearing from you.

[REDACTED]  
Solicitor  
Property and Development Projects  
Legal Services Section  
Belfast City Council  
City Hall, Belfast, BT1 5GS  
DX 383NR Belfast

---

**From:** [REDACTED]  
**Sent:** 23 February 2016 12:12  
**To:** [REDACTED]  
**Subject:**

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**From:** Deegan, Ryan  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Request for consent to discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.  
**Date:** 12 March 2015 12:51:00  
**Attachments:** [image005.png](#)  
[image006.png](#)

---

**FAO:** [REDACTED]  
NA/PMcK - E1166  
On behalf of McAdam Design  
DA2-13-1879~2

Your Ref:

Our Ref:

Dear Sir,

**RE: Request for consent to discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.**

Thank you for your e-mails dated the 22<sup>nd</sup> December 2014, 17<sup>th</sup> February 2015 and the 10<sup>th</sup> March 2015 referring to the above. From a drainage aspect my comments are as follows.

This site is adjacent to a watercourse known to Rivers Agency as the Plank Drain (U3303) which is a designated watercourse under the terms of the Drainage (Northern Ireland) Order 1973.

Rivers Agency would agree to your proposals to temporarily over-pump the Plank Drain as shown on your drawing 'temporary over pumping sketch Rev 2'.

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Rivers Agency stresses that it is your clients responsibility to prove any culvert location on site.

Under the terms of Schedule 6 of the Drainage (Northern Ireland) Order 1973 the

applicant must submit to Rivers Agency for its consent any proposal to carry out works which might affect a watercourse.

It is your responsibility to obtain all necessary way leaves to carry out these works.

Please quote above reference number on any further correspondence

Yours faithfully



Ryan Deegan  
Engineering Section



Ryan Deegan  
Engineering Section  
Ravarnet House,  
Altona Road,  
Lisburn, BT27 5QB

TEL: 028 9260 6100

Ext: 

**From:** [Martin, Jim](#)  
**To:** [Deegan, Ryan](#)  
**Subject:** FW: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.  
**Date:** 12 August 2016 16:28:04  
**Attachments:** [image001.jpg](#)  
[Response \(11-3-15\).doc](#)  
**Importance:** High

---

Ryan

For info and could you put in your file?

Thanks

Jim

---

**From:** Martin, Jim  
**Sent:** 12 August 2016 16:19  
**To:** Morhall, Walter  
**Cc:** McGivern, Owen  
**Subject:** FW: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.  
**Importance:** High

Walter.

For info.

Jim

---

**From:** Martin, Jim  
**Sent:** 12 August 2016 16:17  
**To:** [REDACTED]  
**Subject:** FW: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.  
**Importance:** High

[REDACTED]

This issue seems to have travelled a long distance on supposition.

Rivers Agency are wary of consenting to a discharge that may contribute to flooding and remain of the view that an inspection of the culvert is necessary before consent is finally issued. This was pointed out in the letter dated 12<sup>th</sup> March 2015. The issue of what the inspection reveals and who does what can be considered when we know what we are dealing with and may well be resolved between the technical staff on site.

I am content to explain the situation to the Council if it helps NIW to address the immediate issue with the lease.

If you wish to discuss please give me a call.

Jim

**From:** [REDACTED]

**Sent:** 12 August 2016 14:21

**To:** McGivern, Owen

**Cc:** [REDACTED]

**Subject:** RE: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.

**Importance:** High

Owen

**RE: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.**

I refer to Ryan's response to 12th March 2015 to [REDACTED] of McAdam Design and in particular :-

*Rivers Agency may be prepared to agree in principle to your proposals to discharge to the 900mm diameter culvert as shown on drawing No's. E1166 04 Rev B and E1166 12, subject to inspections carried out of this culvert during the over pumping exercise. The Agency would require that the culvert be de-silted to allow a thorough investigation including a CCTV survey which you would be required to carry out at your expense.*

[REDACTED] has advise as below.

*There is about 116m of 900mm pipe downstream from our connection point to where the culvert splits into twin pipes – BSG have estimated that it would take about 2 weeks with a regenerator to clear this (this costs £1000/day), so a ballpark cost of £10K for desilting plus a few hundred for cctv survey.*

*The River culverts/drain downstream of the 900mm pipe is heavily silted to the point where the pipe sits with a water level about 50% of the pipe until enough head builds to push flow through the system.*

*The feeling at the time was that you could clean the 900mm pipe only for the silt to fill back up in a short period due to the state of the ongoing system*

NI Water considers it unreasonable to place a pre-condition that NI Water to fund essential maintenance activities that I understood are an obligation of Rivers Agency. I would also express concern that given the knowledge that these drains are heavily silted that Rivers Agency should prioritize de-silting of the designated drains and reduce the risk of flooding in Downpatrick.

Given this information could I ask you to re-consider Rivers Agency's requirements in regard to de-silting funding and granting formal consent to discharge.

Happy to meet and discuss if you think this would help resolve in advance of escalating to FIPG.

Regards

[REDACTED]  
Head of Wastewater Networks Capital Delivery  
northern ireland water  
Westland House, Engineering & Procurement



40 Old Westland Road, Belfast, BT14 6TE

Tel : [REDACTED] [REDACTED]

Web: [www.niwater.com](http://www.niwater.com)

**'Tap into Health and drink the recommended 6-8 glasses of water per day. Water is fat free, has no calories and with NI Water supplying high quality drinking water to our taps, keeping your fluid levels topped up couldn't be easier.'**

***"Stay Safe – Zero Harm"***



**From:** [Morhall, Walter](#)  
**To:** [Deegan, Ryan](#)  
**Subject:** Fw: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.  
**Date:** 16 August 2016 12:54:06  
**Attachments:** [image001.jpg](#)

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Sent from my BlackBerry 10 smartphone.

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**From:** Martin, Jim <[REDACTED]>  
**Sent:** Tuesday, 16 August 2016 12:37  
**To:** Morhall, Walter  
**Subject:** FW: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.

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Walter

In order to avoid causing delay to the NIW project Sch 6 Consent should be issued. A request that NIW liaise with Rivers Agency Engineers during construction of the connection to the Plank Drain to be included. Assessment of the condition of the culvert should be carried out as resources allow to plot a way forward.

Jim

---

**From:** [REDACTED]  
**Sent:** 15 August 2016 11:58  
**To:** Martin, Jim  
**Subject:** RE: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.

Jim

Thanks, I know there is a lengthy history and thought this had been resolved by the engineers on the ground.

We have tried reasoning with the council's solicitors but they are adamant that an approval is necessary to complete lease of land. (The council were unwilling to sell the site).

Our own legal team may well be of the same opinion.

Whilst, I appreciate you offer to speak the council I think they wanting something in writing.

I want to do some further homework and then give you a call to arrange meeting.

Regards

[REDACTED]  
Head of Wastewater Networks Capital Delivery  
northern ireland water  
Westland House, Engineering & Procurement

**From:** [Morhall, Walter](#)  
**To:** [Deegan, Ryan](#)  
**Cc:** [Robb, Michael](#); [Dalzell, Kenny](#)  
**Subject:** FW: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.  
**Date:** 18 August 2016 11:03:12  
**Attachments:** [image001.jpg](#)

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For info

Walter

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**From:** Martin, Jim  
**Sent:** 18 August 2016 10:07  
**To:** [REDACTED]  
**Cc:** Morhall, Walter; McGivern, Owen  
**Subject:** RE: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.

[REDACTED]

Rivers Agency will issue Sch 6 approval with a request that NIW liaises closely during construction.

Jim

---

**From:** [REDACTED] ]  
**Sent:** 15 August 2016 11:58  
**To:** Martin, Jim  
**Subject:** RE: Consent for discharge and pipe crossing for NI Water Emergency Overflow at Hunters Mill, Downpatrick.

Jim

Thanks, I know there is a lengthy history and thought this had been resolved by the engineers on the ground.

We have tried reasoning with the council's solicitors but they are adamant that an approval is necessary to complete lease of land. (The council were unwilling to sell the site).

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Whilst, I appreciate you offer to speak the council I think they wanting something in writing.

I want to do some further homework and then give you a call to arrange meeting.

Regards

[REDACTED]  
Head of Wastewater Networks Capital Delivery  
northern ireland water  
Westland House, Engineering & Procurement

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**From: Michael Robb.**

**To: W Morhall**

**CC: J Martin,  
R Deegan (to file).**

**Re: NIW - Discharge from new Sewerage Works to Plank Drain, Downpatrick**

**Date: 31 August 2016**

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### ***Background Note***

1. A site meeting was held on 31 August 2016 in order to discuss a connection made to the Plank Drain Downpatrick by NIW to allow discharge emergency overflows from the recently constructed sewerage treatment works.
2. The Plank Drain is designated under the terms of The Drainage (Northern Ireland) Order 1973
3. In attendance were Michael Robb and Ryan Deegan, Rivers Agency, [REDACTED] NIW and [REDACTED], RPS, Consulting Engineers
4. [REDACTED] indicated that previously there had been two separate discharge points for the storm overflow which had now been replaced by one single discharge point.
5. [REDACTED] further indicated, that, previously the emergency overflow was activated approximately 50 times per year. He estimates that the new system should now only discharge approximately once per year and that calculations indicated the annual emergency discharge volume should be reduced by approximately 0.66 in volume.
6. No figures were available for maximum discharge rates
7. Rivers Agency has not previously given consent or approved any discharge from the sewerage works to this culverted system, additionally no consent or approval had been given for the works/discharge recently carried out.
8. [REDACTED] indicated that she was aware that consent had not been granted by Rivers Agency for any discharge from their works.
9. [REDACTED] was aware that the matter had been referred to "Director" level of NIW and Rivers Agency in an effort to find an agreeable solution regarding discharge consent.

10. [REDACTED] was unwilling to comment as to why works were completed prior to any solution having been agreed upon and without Rivers Agency's knowledge.
11. A manhole at the connection of the discharge pipe was opened however it was not possible to inspect the works as the pipes were drowned out and underwater.
12. It should be noted that an inspection of the open section of the Pemberton Park Stream downstream of the discharge point and at its confluence with the Plank Drain indicated that water levels in the system were low.
13. [REDACTED] commented that a tideflex flap valve had been fitted to their system in a manhole approximately 3 metres from the connection point, however on inspection it was noted that there was no tideflex flap valve in the manhole and [REDACTED] then said that it had been fitted inside the discharge pipe of a manhole adjacent to the new storage tank. M Robb pointed out that that arrangement would make maintenance of the flap valve very difficult, if not impossible.
14. M Robb indicated that in light of the previous correspondence regarding discharges highlighting Rivers Agency's concerns regarding lack of spare capacity and being aware that discussions had commenced some time ago (at a much higher level) then Rivers Agency would not presently grant retrospective consent for any discharge.

**Michael Robb.**  
**HPTO**

**From:** [REDACTED]  
**To:** [Deegan, Ryan](#)  
**Cc:** [Hughes, Lisa](#)  
**Subject:** KS374 (E1166) Consent for discharge  
**Date:** 12 September 2016 11:39:19  
**Attachments:** [image1.JPG](#)  
[image2.JPG](#)  
[image3.JPG](#)  
[image4.JPG](#)  
[image5.JPG](#)  
[E1166-27B.pdf](#)

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Ryan,

Further to our site meeting in Thomas Russell Park please find attached photos of the tideflex and a copy of the screen chamber drawing as requested.

It can be maintained from inside the screen chamber by using a suitable tool or else can be unclamped and pulled back into the screen chamber.

It was positioned at this location rather than in the originally planned manhole so it would be less prone to blocking with silt.

Regards,

[REDACTED]

[REDACTED]

McAdam Design

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