From: David Thomas

Sent: 22 May 2017 15:40

To: Gibbons, Kelly <kgibbons@herefordshire.gov.uk>; Hockenhull, Joel

<Joel.Hockenhull@balfourbeatty.com>

Cc: Bishop, Kevin < kibishop@herefordshire.gov.uk >; Byng, Andy < AndyB@herefordshire.gov.uk >;

; Richard · ; Chris Burke

Subject: FW: FW: Canon Pyon - Offsite Works to Abandoned Sewer

Good afternoon All,

Please see the email from DCWW which is good news indeed and another big step forward.

Kind regards,

#### **David Thomas**

**Managing Director** 



Southern Avenue Leominster Herefordshire

Office: 01568 612977 Mobile: 07970 990250

www.gpthomas.com

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From: Howells Lloyd [mailto:Lloyd.Howells@dwrcymru.com]

**Sent:** 22 May 2017 15:35

To:

Cc: Hill Julian; Emanuel Pace; David Thomas; George Thomas Subject: RE: FW: Canon Pyon - Offsite Works to Abandoned Sewer

H John,

My apologies for the delay, the attached is approved.

Regards,



#### Project Engineer | Developer Services | Dwr Cymru Welsh Water

PO Box 3146 | Cardiff | CF30 0EH | T: 0800 917 2652 | F: 02920 740472 | Ext.



Before you print please think about the ENVIRONMENT

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From:
Sent: 12 May 2017 11:37

To: Howells Lloyd <Lloyd.Howells@dwrcymru.com>
Cc: Hill Julian <Julian.Hill@dwrcymru.com>; Emanuel Pace
Thomas ; George Thomas
Subject: RE: FW: Canon Pyon - Offsite Works to Abandoned Sewer

\*\*\*\*\*\*\* External Mail \*\*\*\*\*\*\*\*

Lloyd

Thanks very much for your e-mail and we attach a revised drawing incorporating your requirements. Can you please confirm that this is now acceptable.

Many thanks

John

A J Booth Director

Morton-Roberts Consulting Engineers Limited Sophia House, 28 Cathedral Road, Cardiff CF11 9LJ

Tel: 02920 660283

Web site: www.mortonroberts.com

Registered in England and Wales, Reg No 07185511.

Registered Office: 20 Tansy Close, Penpedairheol, Hengoed CF82 8LF

On 11.05.2017 16:55, Howells Lloyd wrote:

Good afternoon John,

We require an inspection chamber at any change in direction, horizontally or vertically, i.e. at the point you are intercepting the existing lateral drain. That said, a y-connection would then be sufficient to reconnect to the existing main.

The surface water is being offered for adoption under Section 102, in this instance we are prepared to include the lateral drain diversions to be incorporated in the retrospective adoption. This will allow for a single application to be made and prevent incurring further delays of drafting the agreement before undertaking the works.

Regards,



Lloyd Howells

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From: Sent: 09 May 2017 11:39	
To: Howells Lloyd < <u>Lloyd.Howells@dwrcymru.com</u> >	
Cc: Hill Julian < Julian. Hill@dwrcymru.com >; Emanuel Pace	; David
Thomas ; George Thomas	
Subject: RE: FW: Canon Pyon - Offsite Works to Abandoned Sewer	
****** External Mail ******	
Lloyd	

I now attach a drawing covering the diversion of the connections and the lining of the sewer. With regards to the former, the CCTV survey in fact identified five connections to the sewer. We are not aware of the extent of your operations people's investigations so we have assumed that all five are currently live. We have however included note 3 saying that the contractor should confirm this before starting work to try to avoid any unnecessary work. Am I right in saying that the work covered by the drawing would then form part of the S104 agreement?

Finally, I would be please to have your comments on the drawing as soon as possible because the developer is eager to progress matters.

Tha	nks
-----	-----

John

Thanks for your last e-mail.

A J Booth Director Morton-Roberts Consulting Engineers Limited Sophia House, 28 Cathedral Road, Cardiff CF11 9LJ

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On 05.05.2017 15:59, Howells Lloyd wrote:

Hi John,

Yes you have correctly interpret the information.

Have a good weekend.

Regards,



Lloyd Howells Project Engineer | Developer Services | Dwr Cymru Welsh Water Welsh Water PO Box 3146 | Cardiff | CF30 0EH | T: 0800 917 2652 | F: 02920 740472 | Ext.



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From:

Sent: 28 April 2017 09:19

To: Howells Lloyd <<u>Lloyd.Howells@dwrcymru.com</u>>; Hill Julian <<u>Julian.Hill@dwrcymru.com</u>>

Cc: Emanuel Pace ; David Thomas

George Thomas

Subject: Re: FW: Canon Pyon - Offsite Works to Abandoned Sewer

\*\*\*\*\*\* External Mail \*\*\*\*\*\*

Lloyd and Julian

Following on from Julian's e-mail dated 26 April, I wonder if you could please clarify what is actually required as regards to lining of the pitch fibre sewer. The marked up copy of the sewer records plan you sent is not entirely clear in this respect.

My interpretation of the plan is that the only works required are as follows:

4501 - 3601 None

3601 - 3701 Sewer lining required over a 30m length

3701 - 2704 Sewer lining required over a 30m length

If this interpretation not correct, could you please set out what actually is required.

Many thanks.

John

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Registered Office: 20 Tansy Close, Penpedairheol, Hengoed CF82 8LF

From: Julian Hill < Julian.Hill@dwrcymru.com > Date: Wednesday, 26 April 2017 at 11:57

To: George Thomas

Cc: Lloyd Howells <Lloyd.Howells@dwrcymru.com>

Subject: FW: Canon Pyon - Offsite Works to Abandoned Sewer

#### Good afternoon George,

The status remains that there are four live, foul connections to the pitch fibre sewer. We appreciate it has taken a while to investigate, dating back to our initial site meeting of October 2016, however, the position remains that the agreement to utilise the pitch fibre sewer as part of your adoption would be subject to the alteration of the four aforementioned connections, as per my email of 8<sup>th</sup> December 2016.

We have undertaken surveys and extensive desilting of the pitch fibre sewer to confirm its acceptability for use within your scheme. Our Operations Department have now confirmed that they are unable to fund the diversion of the connections as it is not a requirement for the continued operations of the asset but a solution to facilitate a new development. To permit the use of the pitch fibre sewer you would be required to divert the four connections and deem the pitch fibre sewer abandoned.

We can permit these diversionary works along with re-lining under our supervision. I trust the above provides a solution for your adoption and allow you to progress the scheme within your timeframe.

### Regards

#### Julian Hill

Adoptions Manager South Wales | Developer Services | Dwr Cymru Welsh Water PO Box 3146 | Cardiff | CF30 0EH | T: 0800 917 2652 | F: 02920 740472 | Ext. 40708



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From: George Thomas

Sent: 24 April 2017 15:49

To: Howells Lloyd <Lloyd.Howells@dwrcymru.com>; Hill Julian

<Julian.Hill@dwrcymru.com>

Cc: David Thomas

Subject: Re: Canon Pyon - Offsite Works to Abandoned Sewer

\*\*\*\*\*\* External Mail \*\*\*\*\*\*

Good afternoon Julian

Do you have an update on this for us? As I have said previously our contract completion deadlines with Herefordshire housing are fast approaching an the issue is becoming urgent.

I'd be grateful if you could review and come back to me at your earliest convenience please.

Kind regards

From: George Thomas

Date: Monday, 10 April 2017 at 14:38

To: Lloyd Howells <Lloyd.Howells@dwrcymru.com>, Julian Hill

<Julian.Hill@dwrcymru.com>

Cc: David Thomas

Subject: Re: Canon Pyon - Offsite Works to Abandoned Sewer

Good afternoon Lloyd

Any update for us at all?
Kind regards
From: George Thomas  Date: Wednesday, 5 April 2017 at 12:57  To: Lloyd Howells < <u>Lloyd.Howells@dwrcymru.com</u> >, Julian Hill < <u>Julian.Hill@dwrcymru.com</u> >  Cc: David Thomas  Subject: Re: Canon Pyon - Offsite Works to Abandoned Sewer
Good afternoon Lloyd
Do you have any update on this for us?
Incidentally-do you know if the S106 for Kingsland has been approved now?
Kind regards
From: Howells Lloyd < Lloyd. Howells@dwrcymru.com > Date: Thursday, 30 March 2017 at 16:49  To: George Thomas  Cc: David Thomas  Subject: RE: Canon Pyon - Offsite Works to Abandoned Sewer
Hi George,
Julian is still trying to get hold of the Network. I hope to have a response with you tomorrow.
Regards,

## Lloyd Howells Project Engineer | Developer Services | Dwr Cymru Welsh Water PO Box 3146 | Cardiff | CF30 0EH | T: 0800 917 2652 | F: 02920 740472 | Ext.



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From: Howells Lloyd Sent: 29 March 2017 11:18

To: 'George Thomas'
Cc: David Thomas

Subject: RE: Canon Pyon - Offsite Works to Abandoned Sewer

Hi George,

We are hoping to hold a conference call tomorrow with the Network Manager who returns from leave in the morning.

I have cast a quick eye over the chamber proposals and I see no issue with the chambers. I am leaving for site shortly, so will have a full review of the chambers on my return. I see that Joel raised concern with the 1 in 100 year private storage, I would advise that the weir wall level is confirmed to be correct for this storage as you would be ordering a pre-fabricated weir wall.

Regards,

Lloyd Howells

Project Engineer | Developer Services | Dwr Cymru Welsh Water

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From: George Thomas Sent: 29 March 2017 10:55 To: Howells Lloyd < Lloyd. Howells@dwrcymru.com > Cc: David Thomas Subject: Re: Canon Pyon - Offsite Works to Abandoned Sewer
****** External Mail ******
Morning Lloyd
Any joy with your ops team at all?
Kind regards
From: Howells Lloyd < <u>Lloyd.Howells@dwrcymru.com</u> >  Date: Wednesday, 22 March 2017 at 17:59  To: George Thomas  Subject: RE: Canon Pyon - Offsite Works to Abandoned Sewer
Hi George,

Julian has asked me to arrange a meeting with our Operations Department to bottom out the issues with the offsite sewer. I have requested their availability and I will keep you up dated with any progress.

#### Regards

#### **Lloyd Howells**

#### Project Engineer | Developer Services | Dwr Cymru Welsh Water

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From: Howells Lloyd Sent: 21 March 2017 16:48

To: 'George Thomas'

Subject: RE: Canon Pyon - Offsite Works to Abandoned Sewer

Hi George,

I am chasing Julian on this, he has been out of the office today but I hope to speak to him regarding it tomorrow.

Regards,

**Lloyd Howells** 

Project Engineer | Developer Services | Dwr Cymru Welsh Water

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From: George Thomas
Sent: 21 March 2017 09:14
To: Howells Lloyd < <u>Lloyd.Howells@dwrcymru.com</u> >; Emanuel Pace
Cc: David Thomas ; John Booth
Subject: Re: Canon Pyon - Offsite Works to Abandoned Sewer
136 3 444444
****** External Mail *******
Good morning Lloyd
Good morning Lloyd
Have you received any response yet, I am anxious with completion deadlines looming that we have this
bottomed out.
Regards
Regards
From: Howells Lloyd < <u>Lloyd.Howells@dwrcymru.com</u> >
<b>Date:</b> Friday, 17 March 2017 at 16:57
To: Emanuel Pace
Cc: George Thomas
John Booth
Subject: RE: Canon Pyon - Offsite Works to Abandoned Sewer

The site investigations have confirmed that the connections remain to the PF sewer. I have prompted Julian to pick this up with the Network Manager on Monday, to confirm they are live and how we are to deal with them.

Emanuel,

I believe we had approved the downstream connection, subject to approval of the mode of connection and discharge consent from the local authority. Joel has raised some issues with the 100 year storm condition storage, I previously understood that this would be stored within private skeletanks, please clarify? We would require the 1 in 30 year storm conditions and the 1 in 100 year storm condition attenuation to be segregated.

In this instance, we have accepted lining of the existing abandoned sewer, for which the extent of the works is highlighted in the attached email.

Regards,

Lloyd Howells

Project Engineer | Developer Services | Dwr Cymru Welsh Water

PO Box 3146 | Cardiff | CF30 0EH | T: 0800 917 2652 | F: 02920 740472 | Ext.



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From: Emanuel Pace
Sent: 14 March 2017 16:14

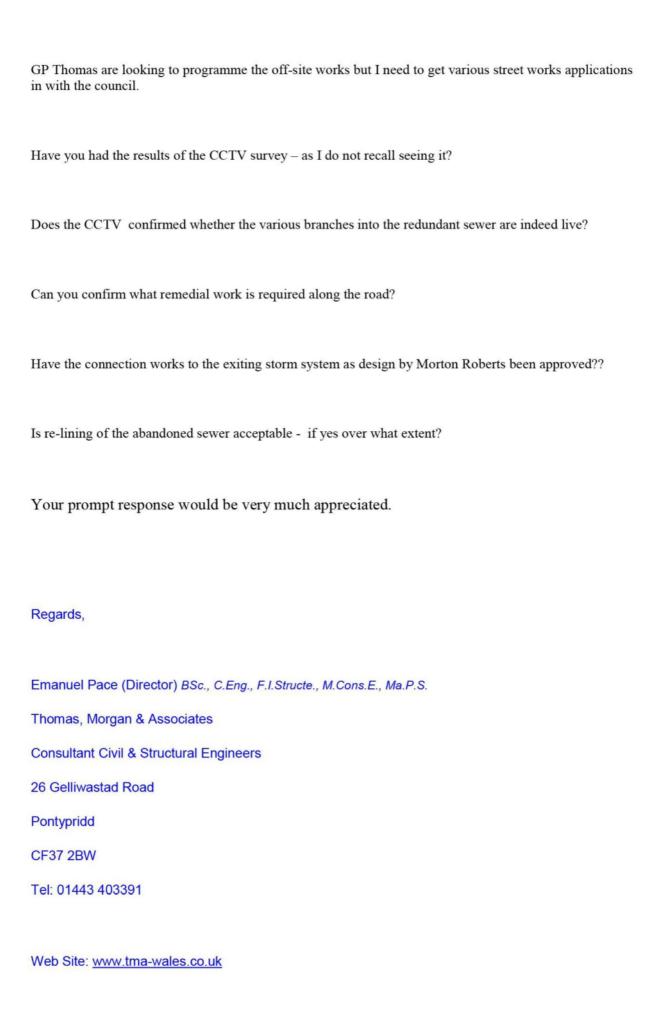
To: Howells Lloyd < Lloyd. Howells@dwrcymru.com >
Cc: George Thomas

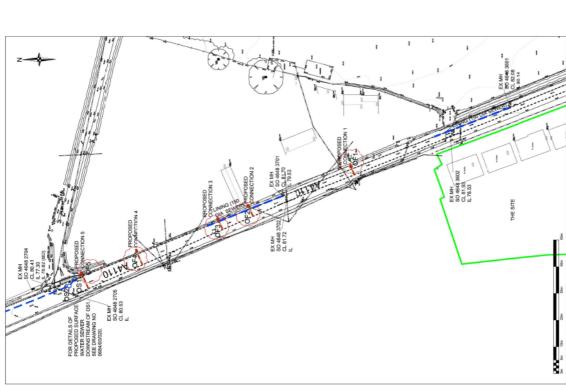
John Booth

Subject: Canon Pyon - Offsite Works to Abandoned Sewer

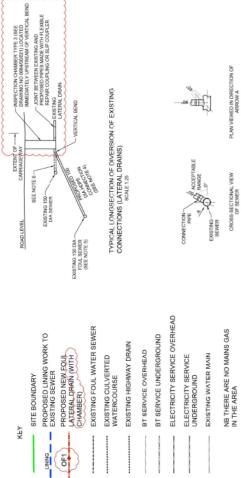
\*\*\*\*\*\* External Mail \*\*\*\*\*\*

Lloyd,





PLAN - PROPOSED WORKS TO EXISTING SEWER - SCALE 1:500





# HEALTH AND SAFETY RISKS

TO THE DESIGNATION THE HEALTH AND SAFETY BRIENS WHICH ARE KNOWN TO THE DESIGNATION OF THE IDMANAGE WORNS THESE ARE PROJECT SPECIFIC AND CONCENTRATE ON SIGNIFICANT RISKS WHICH ARE NOT BEEN TO BE CONTOURS, ARE UNUSUAL OR DIFFICULT TO MANAGE FEFETIVELY.

THE PIPE MATERIAL OF THE EXISTING SEWER BETWEEN MANHOLES 3601 AND 2704 IS BELIEVED TO BE PITCH FIBE WHICH MAY CONTAIN ASBESTOS.

NO OTHER RISKS HAVE BEEN IDENTIFIED BEYOND THOSE WHICH WOULD BE EXPECTED BY AN EXPERIENCED CONTRACTOR.

11.29m UPSTREAM OF MH 2704

27.62m UPSTREAM OF MH 3701. 13.44m DOWNSTREAM OF MH 3701. 25.47m DOWNSTREAM OF MH 3701.

DIVERBION OF EXISTING CONNECTIONS
4. THE APPROXIMATE LOCATIONS OF THE EXISTING CONNECTIONS TO
THE SEWER ARE AS FOLLOWS: 3. PRIOR TO STARTING WORK THE CONTRACTOR IS TO CONFIRM THAT THE CONNECTIONS SHOWN DO IN FACT DRAIN INTO THE SEWER BETWEEN MANHOLES 3801 AND 2704.

1. ALL DIMENSIONS ARE IN MILLEMETRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM (AOD).

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5. NEW. CONNECTIONS (LATERAL DRAINS) TO BE 100mm DIA AND TO HAVE A GROUNECTIONS TO THAVE A GROUNECTIONS TO THE EXENTION 150mm DIA SEWIER ARE TO BE MADE LISING 49" ANGLE, OR 9" MAGLE, CURVED SQUARE JUNCTIONS, SEE EIFAIL.

CONNECTIONS TO BE MADE USING JUNCTION FITTINGS AND SHOULD MADE BY CUTTING THE EXISTING PIPE, INSERTING THE JUNCTION ID JOINING WITH FLEXIBLE REPAIR COUPLINGS OR SLIP COUPLERS,

7. REDUNDANT CONNECTIONS TO EXISTING SEWER TO BE CAPPED IN SUCH A WAY AS TO ENSURE A WATERTIGHT SEAL.

8. WHERE THE COVERTOTHE PIPE IS 1.2m OR MORE, TYPE S
WARKLAR BED AND SHROUNDS TO BE USED, WHERE THE DEPTH
OF COVER IS LESS THAN THIS, CONCRETE EED, AND SHROUNDS
BENOUNDS THE SHAND SALECTED TO THE SHANGE
THE SHOOTED THE SHOULD SHAND SELECTED EXCAVATED MATTERAL ESSEMBENT
TYPE IN ROADS AND SELECTED EXCAVATED MATTERAL ESSEMBENT

CONNECTIONS TO EXISTING SEWER - DETAILS SCALE 1.25

a. HOPE PRE TO COMBY WITH THE REQUIREMENTS OF SECTION E22 OF SENERS FOR ALOPTION 7. THIS NICLUISES RELEVAN REQUIREMENTS OF BS EN 13761. AND WIS 4-3501 AND RES EN 1378-2 SES EN 13762. PEPES TO HAVE ROMINAL, SHOTH THEM RING STIFFNESS OF NOT LESS THAN BRAIM (2898), AND PIEC LERGTH OF 3m.

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11. THE SEWER LINING WORK SHALL BE CARRIED OUT TO THE REQUIREMENTS OF SECTION 2.118 AND CHAPTER 9 OF THE CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY, 7TH

MMEDIATELY POWNSTREAM OF MH 3801 11. IT HAS BEEN AGREED WITH DOWN THAT LINING WORK IS TO BE CARRIED OUT TO THE EXISTING 150mm DIA SEWER AS FOLLOWS: SEWER LENGTH LENGTH TO SEWER DIA LOCATION BE LINED (m) (mm)

0684/00/020 PLAN & SECTION 0684/00/021 DETAILS 0684/00/022 WORKS TO EXISTING SEWER DRAWING LIST

IMMEDIATELY DOWNSTREAM OF MH 3701

150 92

92 MAY 17 AJB ICS ADDED TO CONNECTIONS
91 MAY 17 AJB MINOR CORRECTIONS TO SERVICES
90 MAY 17 AJB FIRST ISSUE

Morton-Roberts

Consulting Engineers

Tel: 02920 860283 web site: www.mortonroberts.com e-mail: enquiries@mortonroberts.com

Morton-Roberts Consulting Engineers Limited Sophia House, 28 Calhedral Road web Cardiff email: e-mail: e-mail: e-mail: e

**G P THOMAS CONSTRUCTION** 

PROPOSED OFF-SITE SW SEWER WORKS TO EXISTING SEWER CANON PYON

AJB Intface Chk Des Valid'n	Des Verfich Approved AJB	Drawing No	000,000,000	
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Rev 02	022	0684/00/022	Drawing No	SHOWN	S
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