

Wyre Flood Forum

Minutes of meeting held Thursday 09 December 2021

Meeting held at Civic Centre and via Microsoft Teams

Present:

Civic Centre:

Chair

Carl Green (CG) Head of Engineering, Wyre Borough Council

Lancashire Councillors

Cllr Matthew Salter (MS) Wyre Rural Central
Cllr John Shedwick (JS) Thornton & Hambleton

Wyre Borough Councillors

Cllr Roger Berry (RB) Neighbourhood Services & Community Safety Portfolio Holder
Cllr Phil Orme (PO) Preesall Ward and Preesall Town Council
Cllr David Walmsley (DW) Jubilee Ward
Cllr Lynn Walmsley Marsh Mill Ward
Cllr Dulcie Atkins (DA) Garstang Ward

Parish and Town Councillors

Cllr Roger Brooks (RBr) Garstang Town Council
Neil Cookson (NC) Pilling Council

Council Officers/Agency Representatives

Paul Long (PL) Wyre Council

FLAG Representatives

Michael O'Flaherty (MF) Hambleton FLAG
Roy Peaker (RP) Hambleton FLAG
Phil Jenkins (PJ) Thornton FLAG
John Quinn (JQ) Thornton FLAG

Others

Richard Green Thornton resident

Via Microsoft Teams:

Wyre Borough Councillors

Cllr Cheryl Raynor Rossall Ward

Parish and Town Councillors

Jean Wilson Stalmine Parish Council
Dianne Booth (DB) Stalmine Parish Council

Council Officers/Agency Representatives

Graeme Kelly (GK) Environment Agency

Mark O'Donnell (MO)	LCC (Highways)
Christine Hamilton (CH)	Environment Agency
Mia Mullender	Environment Agency
Lydia Cowell	Environment Agency
Phil Wylie (PW)	United Utilities
Dawn Bromley (DBr)	United Utilities
Danny Wilson	United Utilities
Louise Ashworth	United Utilities
Dan Blacow (DBI)	United Utilities
Rachel Crompton (RC)	Lancashire County Council (Flood Risk Management)
Brian Birkett	Lancashire County Council
Stephen Clarke	Lancashire County Council
Tom Myerscough (TM)	Wyre Rivers Trust

FLAG Representatives

Alf Whiteside (AW)	Pilling FLAG
Pamela Nickols (PN)	St Michaels FLAG
John Nickols (JN)	St Michaels FLAG
David Astall (DAs)	Great Eccleston FLAG
Roger Weatherell (RW)	Churchtown FLAG
Linda Rowland (LR)	Preesall FLAG
Mike Pollard	Thornton FLAG
Nigel Litherland (NL)	Thornton FLAG

Apologies:

Cllr Alf Clempson	Poulton-le-Fylde
Cllr Andrew Cropper	Preesall Ward and Preesall Town Council
Cllr Elizabeth Webster	Brock with Catterall Ward and Garstang Town Council
Cllr Paul Moon	Preesall Ward and Preesall Town Council
Cllr Mary Stirzaker	Mount Ward and Fleetwood Town Council
Cllr Julie Robinson	Hambleton Ward and Hambleton Parish Council
Cllr John Ibison	Calder Ward
Andrew Hull	Winmarleigh Parish Council
John Kenyon	Barnacre Parish Council
Janet Huddart	Forton Parish Council
Susan Pelham	Stalmine-with-Staynall Parish Council
Margaret McLeod	Kirkland Parish Council
Roy Bassnett	Myerscough and Bilsborrow Parish Council
David Thow	Wyre Borough Council
Kevin Kellet	Lancashire County Council (Flood Risk Management)
Paul Bond	Environment Agency
Nikki Beale	Environment Agency
Katie Duffy	United Utilities
John-Gareth Phillips	United Utilities
Richard Rhodes	Natural England
Rita Carr	Preesall FLAG
Ashley Anderton	Preesall FLAG
Cindy Moseley	Preesall FLAG
Alan Ellerton	Hambleton resident
Lorah Cheyne	Lancashire County Council (Flood Risk Management)
Edward Greenwood	Fleetwood

The Forum was held as a combination of live event and remotely due to the Covid pandemic. Numbers in the Civic Centre were restricted to a maximum of 30 via appointment only; all others were included via Microsoft Teams.

1. Introduction by the chairman, Carl Green (Wyre Council)

Carl Green welcomed all attendees (in the Council Chamber and online) to the meeting. He explained that this was the second hybrid meeting of the Forum, involving both a live meeting and an online interaction, and asked members to continue to bear with us as we adjust to the new way of working.

2. Apologies

Apologies were noted as above.

3. Minutes of previous meeting

PL noted that the reference to Marsh Mill watercourse on p4 of the minutes should have read Marsh Road.

The minutes of the meeting of 9 September 2021 were confirmed as a true record

Matters arising:

There were no matters raised from the previous minutes.

4. What's going on in the region.

Reports from flood management authorities:

United Utilities

DBr said that, following feedback from the previous Forum, she wished to give Members an ideal of the scale of works that UU undertakes, other than flooding investigations within Wyre. She reported that in the north-west region UU had received 72,953 calls since April 2021 on wastewater issues and had attended 7,192 jobs. She noted that of these 7,192 jobs, 689 were in Wyre (219 were investigations only, 268 were identified as private issues and 372 were identified as UU assets and dealt with)

In addition to these, there were an additional 5,500 live chats held on wastewater issues in the region.

Questions to UU

- JN asked for an update on the review of the plans for the catchment; he noted that the investigations had been going on for some four years and he expressed surprise that the investigations appeared to be based on the design of the system rather than its current usage. He asked that UU clarify the current position of the review and for details of what was to be done about the condition of the sewer pipe from St Michaels to Churchtown. PW replied that the consultant undertaking the review had based their initial review on ideal conditions and UU had asked them to go back and redo the review based on current conditions. He noted that the goal was to get the drainage in St Michaels working as it was originally designed. JN noted that the FLAG have sent in details of a number of burst of the sewer pipe but were disappointed to hear that the consultant were not informed of these. He said that it was time that this issue was resolved. He asked that those dealing with this issue be made aware of the full facts, and offered to assist with the review if required. PW thanked JN and the FLAG for their help on this matter.

- NC asked whether UU had an update on timescale for the repairs to the sewer system on Damside, Pilling. He noted that there were a lot of temporary measures to resolve the issue, but it was time for a permanent solution to be found to prevent repeat of children walking through sewage on their way to school. DBI replied that UU have worked planned for the coming weeks to carry out repairs to the current system while UU are looking for a permanent solution. Due to the proximity of old buildings with shallow foundations and the requirement for any sewer to be at depth, UU are considering an off-line solution for this area. MS expressed his frustration that there was no indication as to when the permanent works would be completed and asked if a timeline of works could be offered. DB replied that local conditions meant that any solution would be extremely difficult and suggested that, even if a scheme was agreed now, it would still be 12-18 months before it was delivered. He agreed to raise this with management and get a response sent to the Parish Council before Christmas. DBr confirmed that further works were planned in the next few weeks and that a response would be sent.

Action - UU

NC said that sewage was running down the road only that morning and it is up to UU to resolve this matter quickly.

- DAs reported that there are concerns about the quality of the water in Great Eccleston. He said that there had been reports of very hard water and people have complained of a black scum when washing clothes. DBr said that this needed to be reported to the water supply part of United Utilities rather than to this forum; DAs to report.
- RBr noted that the highway network Over Wyre seemed to be sinking as a consequence of movement of the ground underneath. He asked whether this was likely to have an effect of UU infrastructure in the roads. DB replied that UU would deal with any such issues as and when they occurred in conjunction with Lancashire County Council.

Environment Agency

GK provided an update on maintenance works;

- works on cutting grass on the river embankments are coming to an end, and checks on vermin and rat removal are planned to be undertaken over the winter.
- temporary repairs to the void in the Catterall embankment have been completed and held up well during the flooding events of 1/2 November 2021 and is currently being monitored. The full repair will need the bank to be dug out and is not expected to be undertaken until spring 2022.
- contingency plans have been put in place for works that have not yet been completed; these include repairs to the embankment at Wild Boar Farm, Inskip Brook and Whites Brook. Works will continue when weather conditions permit.
- the new CCTV cameras have now been received and will be installed shortly

GK confirmed that he had not yet inspected Hackensall watercourse, Preesall but intended to do so when time allowed. He reiterated his comments from the previous Forum that this section of watercourse is not maintained by the EA.

Action - EA

GK confirmed that he had been in contact with the landowner of the land adjacent to Marsh Lane watercourse, Hambleton and was in discussion with them as what works should be undertaken. He added that he was also trying to find ownership details of the footpath adjacent to the watercourse.

Action - EA

GK reported that the trees in the River Wyre, downstream of Kirkland Bridge, Churchtown had been checked but the EA did not have the necessary equipment to remove them. He added that this work would need to be undertaken by one of the EA's contractors.

Action - EA

Questions to EA

- JS reminded the EA that the Out Rawcliffe Parish Council had raised a concern of flooded fields in the area but had yet to receive a response – he asked that the EA look into this matter and respond to the Parish Council. He also noted that the Parish Council had additionally raised concerns about the condition of the watercourses along Union Lane (Broadfleet watercourse) – he asked if the EA had any details on this.

GK replied that these watercourses are not maintained by the EA but will be the responsibility of the riparian owners. He added that the EA has been in contact with the Parish Council and local landowners – Broadfleet watercourse appears to be running well, with water levels dropping quickly after a flooding event. He noted that there did not appear to be any blockages in the section maintained by the EA and added that the EA would work with local landowners on sections upstream.

JS said that he would speak with the Parish Council and correspond again with the EA.

- JS asked whether the EA had a date when the planning application for the Flood Relief Scheme in Hambleton would be submitted. GK replied that there remain some issues that require further work, but it is expected that the application would be submitted some time in spring 2022.
- NC noted that there are a number of sandbars obstructing the outfall from Broadfleet watercourse; he said that removing these restrictions would allow the watercourse to flow properly. GK confirmed that the only agreement that EA have with Natural England is to remove silt from directly in front of the tidal gates; there is no permission to remove silt from any other area. He added that Robert Ide from the EA is liaising with landowners around Morecambe Bay on this matter.

NC added that many landowners have undertaken works to their own drainage ditches but were frustrated that their work is being negated by the restrictions. GK noted that there is a good flow through Broadfleet watercourse and the water flows out very quickly. NC agreed this but pointed out that the level in the watercourse was very high and allowing the level to drop would provide more capacity in the watercourse to reduce the risk of flooding. GK confirmed that there are discussions in place to look into this issue but for the moment the EA has no permission to undertake such work.

CG informed the Forum that the Council is currently working on the ECO-CoBS scheme which tries to address difficult issues such as this – he offered to get more information on the scheme and report back to the Forum.

Action - CG

- DA raised an issue of flooding on Lancaster Road, Garstang. She has reported this to LCC highways but wanted to know whether there was an issue where the system discharged to the river adjacent to High Street car park. LCC have responded to her that the issue was believed to be caused by high river levels preventing discharge through the tidal flap on the system. GK replied that he is aware of the flooding issue and agreed that a high river could impede flow and prevent the system from draining.

RBr added that the flooding was very deep and necessitated the closure of Lancaster Road, thus inconveniencing a large number of visitors to the town centre. He noted that several vehicles had tried to drive through the floodwater and had become stranded as their engines cut out.

CG noted that the issue was that the flooding was in place for around four days during which river levels had dropped sufficiently for the system to drain. MO said that he would have his team investigate this.

Action - MO

- DA also informed the Forum that the pathway at the southern end of the Millennium Green is breaking up. GK confirmed that the EA are aware of the issue and were arranging a meeting with Wyre Countryside Rangers to look into this issue.
- RB asked whether the EA was monitoring the works on the bypass in Poulton; he noted that the works ran very close to Main Dyke and wanted to be assured that the watercourse remained in good order. GK confirmed that the EA were keeping a close eye on the works and the Permitting Team were ensuring that the works were undertaken in compliance with their permits.
- RP asked whether there was any uncertainty in identifying the ownership of the watercourse on Marsh Lane, Hambleton. GK replied that the uncertainty related to the ownership of the track to the east of the watercourse; he confirmed that the EA had been in talks with the owner of the field but needed to correspond with the other landowner as the jointly responsible party.
- PJ noted that there are concerns about the high water levels in Hillylaid Pool watercourse. He confirmed that the Rivers trust had agreed to remove the leaky dam in the watercourse near to Hillylaid Road but were awaiting a permit from the EA to undertake works. He asked what the current progress of this permit was. GK said that he was checking whether a permit was required; he agreed to speak with TM to progress this work.
- PJ confirmed that the FLAG would be undertaking a walkthrough of Hillylaid Pool on 21 December to determine whether there were any blockages that could be causing the high levels in the upstream catchment. He asked whether the EA could be in attendance to highlight any works so that these could be dealt with promptly. GK replied that he was aware of the proposal and would liaise with PL on this matter.
- PJ informed the Forum that the contractor working on the A585 bypass (Kier) would be removing the temporary dam at Skipool over the Christmas period and have advised that they expect works in this area to be completed by the end of January. The FLAG are looking to check levels in the local drainage system once things have reverted to normal.

- JQ reported that the camera on the watercourse at Bay Horse was not working; he added that this was an important tool for the FLAG as it included a depth gauge to show the depth of water in the watercourse. GK replied that he was aware of this issue which has been caused by a damaged solar panel that powers the camera. Repairs were being planned. PJ asked that a depth gauge be included when the new camera at Sandyforth Arms is installed; GK agreed to look into this.
- PN noted that the location of the erosion of the river embankment, as reported by the St Michaels FLAG, was downstream of the bridge and not upstream. GK acknowledged this.
- PN queried the installation of a flap valve by a third party on the Humblescough Brook close to the entrance to Sharples Quarry; she asked if this had been investigated yet. GK confirmed that topographical levels had been taken and the EA had written to the permit applicant. He confirmed that the permit was granted for a temporary road crossing and not for the installation of a flap valve. PN asked whether the EA was happy for the flap to stay or not; GK said that this was still to be discussed, but confirmed that the flap remains an unpermitted structure and will be investigated further.
- JN asked where the embankment works to Wild Boar would be completed by Spring 2022. GK confirmed that this was the case but noted that, should weather conditions permit, the EA would look to undertake the works sooner.
- JN asked whether GK was aware of a permit that had been applied for outside Catteralls Farm, St.Michaels. GK confirmed that he was not aware of this – JN to pursue this by other routes.
- LR noted that the drainage system for Sunnyside Terrace, Preesall discharges through Grange Pool watercourse to the River Wyre. In the last Forum meeting the EA had stated that maintenance works on Grange Pool were behind schedule – she asked whether these works were undertaken. GK confirmed that the works had been undertaken.
- RW noted that, when the Garstang storage basin is emptied, many of the downstream drainage outfalls are cut off and can lead to localised flooding. He asked whether the EA consider downstream levels when emptying the basin and if the discharge rate could be reduced to allow outfalls downstream to continue to discharge. GK replied that the EA controls the downstream river levels to 2.31m at Garstang – he said that the intention was to release the water as quickly as possible to allow the basin to be used again if rain reoccurred. He added that if a fully reliable weather forecast could be possible then the discharge rate could possibly be reduced.
- RW noted that the telemetry at Catterall flood basin had been replaced and had a new datum level. He noted that the recorded levels at Catterall and Churchtown were noticeably different even though they were physically close by. GK confirmed that the old telemetry had been replaced during works to repair a slippage on the embankment at Catterall. The current level being used is based on telemetry within the Catterall structure but had been calibrated to be the same as the previous unit. The original telemetry will be replaced in Spring 2022. He added that the difference in the levels and characteristics of the units in Catterall and Churchtown was probably caused by the influence of the River Brook entering the system downstream of Catterall.

- RBr noted that during the latest flooding event there has been standing water on the A586 by Whites Bridge but there didn't appear to be any issues on Ainspool Lane. He asked whether this was not the case or whether the recent drainage works had resolved flooding here. RW confirmed that Ainspool Lane had not flooded on this occasion as the water had remained stored on Green Wood. He added there had been no changes to the system but the water from Nook Lane catchment had not arrived in the volumes that it normally does.

Wyre Council

CG reported that the two major schemes that Wyre Council is currently involved with are the Wyre Beach Management Scheme, at Cleveleys, and the proposed installation of Ecological Community-owned buffer strips (ECO-CoBS).

He reported that work on the beach management scheme is progressing well, a contractor is now in place, and planning permission for Phase 1 of the scheme has been approved. Approval from the Maritime Management Organisation (MMO) is still awaited for both Phase 1 and Phase 2 of the scheme. Work to set up the site compound in Cleveleys is imminent.

CG said that Wyre has obtained finance to install Ecological Community-owned buffer strips. The scheme aims to enhance the coastal resilience of North West coastal communities to the consequences of climate change, such as from erosion and coastal flooding. Link: [Innovative projects to protect against flooding selected - GOV.UK](#)

PL confirmed that he had met (either in person or remotely) with a number of FLAGs during 15-17 November to discuss flooding issues in their areas – these issues have been raised with the MSfW Group meeting on 25 November (at [APPENDIX 2](#))

Questions to Wyre Council

- MS asked who would be looking at the ECO-CoBS in Pilling. CG confirmed that Wyre was leading on this but would be working with the community to progress this scheme. He noted that he would liaising with Pilling Parish Council, local landowners and other shareholders early in the New Year.
- Asked if there was a start date for the start of the works in Cleveleys, CG confirmed that the site setup would be in April with the actual works programmed for September / October – he noted that this was all subject to the MMO licence being received.

Lancashire County Council

MO provided an update on the works being undertaken by LCC.

- Works are continuing on the planned cyclic and reactive maintenance, including clearing of highway gullies.
- Hambleton. Works to clear/repair pipes on Kiln Lane have now been completed, including clearance of a private watercourse,
- Hambleton. Works have start on cleaning/repairing highway drains on the A588 Carr Lane and will continue into January
- Nateby – investigations are being made into resolving the highway flooding on Longmoor Lane

- St. Michaels – investigations are in place to resolve the flooding issues on the A586 Garstang Road at the junction with Rawcliffe Road
- Pilling – investigations have been undertaken to flooding on Wheel Lane; it is thought that this may have been resolved but further investigation is planned jointly with Wyre Council.

Upcoming works in quarter 1 2022 include:

Poulton – works on highway drainage on Breck Road to commence in the New Year. The works are likely to be undertaken overnight due to the complication of works being undertaken by Highways England on the A588.

Thornton – works planned for 17 January 2022 include;

- repair of highway drains at the junction of Bourne Road and Fleetwood Road North
- clearance of culvert under Fleetwood Road North (north of Bourne Road)
- raising of kerb line at junction of Fleetwood Rd North and Springfield Drive

Great Ecclestone – investigation works planned for Copp Lane.

Preesall - Sunnyside Terrace; the survey of Preesall Hill has now been completed and a copy sent to TM to develop a plan for reducing the flood risk downstream.

CG noted that Hambleton FLAG had sent in their thanks to MO and PL for their efforts in resolving the flooding issues in Hambleton.

Questions to Lancashire County Council

- PO noted that LCC workers would often drive through a flooded area to attend a job to clear blocked gullies but would not deal with blocked gullies that they encounter in the course of their work. He explained that residents of Park Lane, Preesall were pleased to see the arrival of the highway team to deal with a flooding issue but disappointed when the team left having dealt with one problem but having left leaving the blocked gullies not cleared. MO explained that the team had been prevented from clearing the gullies by a private contractor who had a work permit for the area and who would not permit the team to work. He confirmed that the team returned the following day and cleared the gullies.
- PO asked whether Residents of Park Lane could obtain a couple of signs to advise traffic that the road is flooded – while the road flooding is relatively minor, the wake from passing vehicles did cause issues. MO noted that there is a scheme being developed to provide such signs for local residents - RC confirmed that LCC has been given funding from the NW Regional Flood and Coastal Committee for an experimental scheme in Preesall to allow residents to put out flood signage for highways; the money should be available in the New Year. LCC would be looking to discuss this with the FLAG. LR confirmed that the FLAG has some signage stored locally, but would be happy to work with LCC to progress this scheme.
- LR noted that Cart Gate had been recently resurfaced and plans are in place to resurface Lancaster Road. She said that some local residents were concerned that the works would raise the road level and could result in increased flood risk to their property. MS added that he was aware of this and was arranging to meet the residents sometime soon. MO confirmed that the works are planned for Easter 2022.

- LR advised that, since the flooding in November, it has been noted that several road kerbs on Sunnyside Terrace are now loose. She asked that these be checked to ensure that they remain in a safe condition. MS said that he would report this direct to the Highways team; a response would normally be made within 28 days.
- JS noted that there still remained issues with flooding on Stanah Road, Thornton Market Street/Carr Lane in Hambleton and School Road, Thornton.

MO confirmed that LCC and WBC had undertaken a number of works to have both the private and council owned watercourses and culverts cleaned and that some works were still outstanding. PL reported that he had spoken to National Grid about cleaning of the culvert under their substation and was still waiting for feedback. He added that it was uncertain whether the culvert followed the line of the original watercourse (although this appeared to be the case) or had been rerouted a different way.

MO confirmed that the drainage system at the junction of Market Street and Carr Lane, Hambleton would be included in the drainage works currently being undertaken and would be done in the New Year.

Regarding School Road, Thornton, PL reported that there were a few issues that had been looked at, including the absence of a non-return valve on the UU outfall pipe, high silt levels in Hillylaid Pool watercourse adjacent to the UU outfall, and a hole (designed, not damaged) in the UU pipe connecting the private watercourse behind properties on School Road. He confirmed that he was looking at this with Thornton FLAG.

- MO reported that LCC have recently resolved a flooding issue on Woodland Ave to keep surface water from entering a property close to Trunnah Road.
- RBr said that he understood that flooding issues on Church Lane, Winmarleigh. He understood that this work had been completed but noted that it still remained on the Issues & Actions list. MO confirmed that the majority of works had been completed but there remained a few residual matters that need to be completed. RBr noted that, as far as the Parish Council was concerned, these works have been completed.
- RBr asked whether MO knew what was the cause of the flooding on Longmoor Lane, Garstang. MO replied that all road gullies are working, but there appeared to be a blockage on the private drainage that discharges to Ainspool watercourse. He confirmed that LCC were looking into this. RBr added that development works had begun on the site south of Prospect Farm (off the A6), Garstang – he said that it might prove interesting to note whether the runoff to the Ainspool would have any negative affect on the flooding on Long moor Lane.
- PJ noted that no works had yet been undertaken to raise the kerb on Fleetwood Road North, adjacent to Springfield Drive, to reduce flooding to the two properties there. MO conceded this but agreed to include as part of the works in January 2022.
- PJ asked whether LCC would be undertaking checking and clearing as required the culverted section of Hillylaid Pool on Belvedere Road ahead of the planning watercourse inspection on 21 December. MO confirmed that he was aware of the request to check it and would instruct his team to do so. Note: culvert was confirmed to be clear and free running when inspected on 21 December.

- MO confirmed that the works on the highway drainage and culverted watercourse under Fleetwood Road North would be undertaken early in 2022.
- JS reported that fencing panels on part of Hillylaid Pool on Belvedere Road were missing and could be a hazard to school children in the area. This was confirmed to be on private land (Belvedere Court)

Natural England

RR sent his apologies for the meeting. No report was received.

Wyre Rivers Trust

TM provided an update on the works being undertaken by the WRT.

WRT is currently working on the Wyre Natural Flood Risk Management Project, focussing on the upper River Wyre and River Calder catchments. The Trust is working with local farmers, landowners and tenants to undertake works over next three years. This will include around 70 Ha of natural flood management works and 7 Ha of tree planting. [Wyre NFM Project | The Flood Hub](#). Based on the modelling of the works, the works will have a big impact on Churchtown and a significant effect on St.Michaels.

TM said that he was aware of the concerns raised about the recent works on the Hillylaid Pool wetland and their alleged link to retention of water upstream. He has agreed with Thornton FLAG to remove the leaky dam so that levels could be monitored; he confirmed that he was awaiting a permit to work from the EA.

Work on an additional 1,750m³ storage on King Georges Playing Fields, Thornton is continuing and the designs are mostly now finalised.

Plans are being drawn up to design the wetland and water retention project on the land next to Sunnyside Terrace, Preesall – this is expected to be completed soon. LR thanked TM for his work on this project.

Works is continuing to create coastal buffer strips – the main focus of works would be on the salt marsh at Arm Hill, Knott End.

PJ asked if it would be possible for a trip to be arranged for members of the Forum to visit the Abbeystead Estate to view the works there. TM and CG to look into arranging this.

5. Making Space For Water technical group

PL reported that the MSfW Group met (via Teams) on 25 November and that minutes of the meeting have been distributed to the Forum – see [APPENDIX 2](#).

PL reported that he had been in contact with most of the FLAGs prior to the meeting to establish any issues and the Issues and Actions log has been updated to reflect these at [APPENDIX 3](#)

In response to a matter raised by PO at the last Flood Forum, PL confirmed that the surface water on Pilling Lane, Preesall did instead flow south into the watercourse network. He added that an additional pipe had been found running from the roundabout on Pilling Lane and joining with this system.

PL confirmed that flooding of the highway on Hall Gate Lane, Preesall had been resolved the day before and the system now running well. MO confirmed that the system, which takes surface water from Park Lane, had been cleared of roots and is now running well.

PL said that he had been in contact with Thornton FLAG over the high levels of water in Hillylaid Pool; a walkthrough of the watercourse is planned for 21 December to check for blockages in the system that may be holding back water.

No questions were received from the Forum; PL said that if anyone had any subsequent queries on matters covered by the Group then they should forward them to him at paul.long@wyre.gov.uk

Questions to MSfW Group

- JS thanked the Group for the recent works in Hambleton. He also thanked PL for investigating the alleged cross connections from Linley Grange, Stalmine. PL noted that the complainant was not happy with the report and has expressed their intention to take this further; as such PL did not wish to elaborate further on this matter.
- PO asked whether any progress had been made on clearing the watercourse behind Rosslyn Crescent, Preesall. PL replied that he had yet spoken to the landowners on this matter, but would look to do so before the next Forum. PO asked that the matter remained on the Agenda.
- RBr asked that the highway flooding on Lancaster Road, Garstang be added to the Issue & Actions log. PL agreed to add this.
- RBr said it was rather disturbing the leaky dams on Hillylaid Pool had been subject to a no confidence reaction from local residents. PL noted this and explained that the issue had been discussed at length with the FLAG and local residents. PJ explained that the leaky dam raised the water level within Hillylaid Pool and was considered a factor in the recent flooding events in Thornton; it was being removed in agreement with WRT to establish whether it was contributing to flooding or whether the issue lay elsewhere.
- RB asked the issue of flooding on Sefton Ave be addressed as a matter of priority. PL noted that he had been in touch with Wainhomes on this matter, but had yet to progress this issue. He added that he and MO would look into this matter in the New Year.
- RB asked whether the issue at the Show Site, Garstang (as previously raised by Cllr Atkins) could be looked into. PL said that he had looked into this issue some months ago and there was no issue with the downstream watercourse; he confirmed that he had inspected the watercourse within the caravan site downstream and there is no issue that the council can look into; it is up to the landowner to deal with drainage on his own property.

6. Local flood action groups (FLAG): reports and questions

Issues raised by FLAGs at pre Forum meetings have been added to the Issues and Action log.

Churchtown FLAG

RW reported that during the flooding of 21 October / 1 November there had been five areas affected (normally four) – the church graveyard had suffered flooding during this event.

- Ainspool Lane was flooded again
- The fields behind Ainspool Lane were flooded
- The Avenue flooded up to the door steps
- The Smithy on Lancaster Road. Both this and The Avenue were saved from flooding of properties as the combined sewer took a lot of the water.

He noted that, while much has been achieved to resolve flooding issues in the village, many residents were angry about the repeated flooding.

He reported that LCC and Wyre had met with the FLAG on the previous day to carry out a survey of the drainage pipes in the village. This had been particularly successful and had identified a couple of surprises which had helped better understand the issues.

He noted that there was significant silting of the highway drains due to the gradients being shallow; he suggested that more regular cleaning of the gullies on The Avenue and A6 would significantly improve the flow within the local drainage pipes.

He noted that Ainspool Lane was the low spot in the area and that water from the Nook system flowed via Green Wood to here. He confirmed that the drainage inspection had confirmed a single discharge from Green Wood which could allow surface water to be held back in the Wood to protect properties on Ainspool Lane. He said that this would need further work in the summer.

He queried the efficiency of the non-return valves asked that these be checked to ensure that they were not blocked by silt within the pipe.

He reiterated that the main contributing benefit from recent works was the work undertaken by the WRT on NFM upstream of Churchtown which has a positive effect in reducing the risk of flooding in the village by reducing the rate at which water arrives in the village via the Nook system.

He expressed concern about the cleaning of attenuation tanks in developments upstream of the village. He noted that there were fourteen developments upstream of the village and asked that consideration be given to one of the agencies, probably UU, taking on maintenance of attenuation tanks to ensure that they work properly in future.

Finally, he noted that additional sandbag storage bins were to be provided by the FLAG for outlying areas of the village.

Cleveleys FLAG

DW reported that the autumn had been one of the mildest on record and driest since 1956 despite high rainfall at the end of October. He noted that, despite 4" of rainfall on 31 October, there was no surface water flooding in Cleveleys. He noted that this rainfall had coincided with low tides so had allowed the water to discharge to the sea.

Storm Arwen on 26 November arrived during low neap tides. He noted that in the evening wind speeds had been recorded at hurricane speeds on Cleveleys promenade but, once again, no flooding was experienced. He noted that had this coincided with spring tides the result may have been far different.

Garstang FLAG

RBr noted that there needed to be someone from the Planning Department present at the Forum to support officers and residents on developments where there was a significant risk of flooding. CG agreed with the proposal and added that councils should continue to lobby government to improve drainage issues on planning applications. He added that PL did provide advice to Wyre planners on drainage issues in most planning applications.

Great Ecclestone FLAG

DA said that, despite the heavy rainfall over the previous night there were no flooding issues observed. The usual areas affected by flooding were all dry and no reports of flooding had been received.

He noted that there is an ongoing issue with flooding at St Marys Road which appears to be getting worse; there are no highway drains in this area and the surface water is collecting at the junction with Pennine Way. He asked that this issue be looked at.

Action - LCC

Hambleton & Stalmine FLAGS

RP said that there were no issues to report – he noted that works were currently in progress and the FLAG would be keenly watching these.

DB noted that there were a couple of issues – flooding at the junction of Highgate Lane and Staynall Lane and on Brickhouse Lane. PL reported that the junction of Highgate Lane/Staynall Lane has been repaired – MO confirmed that this had been repaired two weeks previously. DB reported that the issue on Brickhouse Lane was at the junction with the private road to Brickhouse Cottages and was very deep.

Action - LCC

Out Rawcliffe FLAG

No representative was available from the FLAG and no report was submitted.

Preesall FLAG

LR reported two flooding events on Sunnyside Terrace this year (compared to six last year) and also noted that there appeared to be more regular flooding on Sandy Lane. She raised the possibility that this was related to the works undertaken last year by the owner of the land on Preesall Hill.

She said that there were a couple of projects currently being developed by the Making Space for Water Group – the creation of a wetland on the land around Preesall Hill, and the directing of some of the flow away from Sunnyside Terrace and toward Sandy Lane. She said that residents looked forward to these being developed to ease flooding on Sunnyside Terrace

She noted that the main concern was the presence of water under the properties on Sunnyside Terrace that is leading to rising damp under the properties. She added that insurance costs were rising steeply and properties were not selling due to the flooding history.

She thanked everyone for their help in dealing with the flooding incidents adding that the continual flooding was affecting residents' health. She reiterated residents' hope that the works to be undertaken on Preesall Hill would prove successful.

St. Michaels FLAG

PN reported that during the end of November / beginning December (Storm Arwen) there was significant flooding in the village, including

- 3 houses flooded
- Roads flooded and a number of gardens flooded
- Village virtually cut off due to flooding of the A586 at the junction with Rawcliffe Road and Hall Lane
- Floodwater was a mixture of surface water and sewage
- A586 flooded adjacent to White Bridge
- Brock overtopped at the site of the 2015 breach during Storm Desmond.

PN repeated the concern expressed by Churchtown FLAG that emptying of the Garstang and Catterall basins leads to higher river levels locally and can exacerbate flooding in the village. She also note that discharges from attenuation schemes in upstream developments could also add further to this.

PN informed the Forum that the FLAG had held a Teams meeting on the previous evening to discuss flooding issues within the village with the flood authorities and local residents. She said that this had been well received and thanked those attending for their help, both in facilitating the meeting and for works being undertaken in the village.

Finally, she added that she and JN would no longer be attending the Forum as they had now moved away from the village. She thanked everyone for their friendship and support. CG thanked them both for their work, not only with issues in the village but also for the Flood Forum itself.

Thornton FLAG

PJ reported that the FLAG had a number of projects that it was involved in

- Checking/cleaning of the culverts under the A585 at New Lane and Anchorsholme Lane is still awaited. PL confirmed that he had been in regularly contact with Highways England on this matter and had copied in the FLAG on all correspondence.
- The FLAG had been speaking with TM of WRT and had expressed concern about the volume of water entering Hillylaid Pool via Horsebridge Dyke due to the Kier works at Skippool. Combined with the leaky dam at Stanah this has resulted in elevated water levels upstream in Hillylaid Pool. The FLAG are also discussing with TM whether there would be any benefit in repairing the old dam structure on Hillylaid Pool, close to the junction with Horsebridge Dyke, to reduce the upstream volumes in Hillylaid Pool.
- There is a lot of building work planned for Poulton and much of this flows into Horsebridge Dyke. PL confirmed that the run-off from the developments would be restricted to current greenfield run-off rates so there should be little impact on Hillylaid Pool watercourse.

PL advised the FLAG that he would continue to chase up the issues with Highways England and National Grid and keep the FLAG informed.

RG noted that contractors for the EA were undertaking watercourse clearing on Holts Farm, New Lane; he suggested that the EA ask the contractors whether they could provide any advice as to why the water levels remained high in Hillylaid Pool. GK replied that the contractors often reported back on issues, but that he would ask the specific question.

7. Communications

No report was submitted.

PO asked if the Forum could stress in any public communication that flooding was largely a riparian responsibility and landowners should be reminded of their responsibilities to maintain watercourses. He added that there have been a number of fly tipping incidents where waste has been dumped into watercourses restricting the flow and increasing flood risk. RC replied that LCC were looking at ways to get this message across to landowners. DL noted that, through the works of the FLAGS, the public were becoming more aware of the role of watercourses in flood prevention and were reporting blockages or other issues more readily than previous.

8. Emergency Planning

CG confirmed that the Council maintained officers on call throughout the year to respond to issues involving flooding and the emergency number has been made available to all FLAGS – **01253 895116**. PL suggested that the FLAGS make this number available on their websites and/or Facebook sites. CG noted that, during a major flooding event, the number could be engaged but urged users to persevere.

PO noted that LCC had previously discussed training for FLAG members; he asked if there was any progress on this. RC said that this was progressing and would likely take place early in the New Year.

9. Requests for reports for next Forum

RB asked if there could be a presentation on modern farming methods and how they affect flooding. He wondered whether Myerscough College could add to this. CG said that this might tie in with the ECO-CoBs scheme and he would discuss this with TM.

10. Issues and actions update

The updated Issues & Actions list is attached at [APPENDIX 3](#)

11. Any other business

RB thanked the FLAGS and flood management agencies for all their hand work to reduce flood risk in Wyre

12. Next meeting

17 March 2022, 1pm start. Details to follow.

Appendix 1

Pre-meeting report from Environment Agency (December 2021)

Maintenance Programme

The maintenance work the Environment Agency plans to carry out this financial year (1 April 2021 – 31 March 2022) can be viewed online at <https://environment.data.gov.uk/asset-management/index.html>. This is the planned annual flood and coastal risk management (FCRM) asset maintenance programme. You can find a particular location by entering your postcode or navigating the map by zooming in and out.

Please note that this programme is updated quarterly. However, sometimes work may not go ahead as planned due to adverse weather, floods, or other operational or environmental considerations.

Summary of key features:

- Interactive map.
- It includes a vast amount of detail including extents of work, planned start and end dates, and links out to a description of each type of activity.
- It will be updated on a quarterly basis (eventually monthly), allowing the public to track maintenance progress through the year.

Reporting a problem

The most effective means of reporting a potential flooding or blockage problem on a Main River is to report it to the Environment Agency's National Call Centre on 0800 80 70 60. The National Call Centre will collect the relevant information and ensure it is passed to the correct team for assessment. A copy of the Main River Map can be viewed here [Main River Map](#).

Here are the present updates since September 2021 from the Environment Agency:

Flood Risk Management Plans (FRMPs)

FRMPs are statutory plans (under the Flood Risk Regulations 2009) that are developed collaboratively by Risk Management Authorities. They set the strategic direction of flood risk management activities for a 6-year period and contribute towards national objectives such as the National FCERM strategy. A FRMP is produced for each river basin district in England. Wyre is included in the FRMP drafted for the North West river basin district.

The Environment Agency have worked with Lead Local Flood Authorities and other Risk Management Authorities to draft the second cycle of FRMPs for England, which cover the period from 2021-2027. A 3-month public consultation is currently ongoing for the draft FRMPs and is due to close on 21 January 2022. Views provided through the consultation will inform the final set of plans that set out actions to manage flood risk between 2021 and 2027. Further information about the second cycle of FRMPs and how they fit with other plans and strategies relating to the management of the flood and water environment is available [here](#).

The Flood Risk Management Plan consultation is accessible [here](#) and open till 21 January 2022. We encourage you to submit your response to the consultation online, as this will enable you to manage your comments more effectively whilst also ensuring responses are gathered and summarised quickly and accurately. However, there are alternative options for submitting responses and further information on these is available via the consultation link.

For further information on FRMPs please contact FRMP.CycleTwo@environment-agency.gov.uk.

River Basin Management Plans (RBMPs)

River Basin Management Plan (RBMPs) are another plan that is used to set out how the flood and water environment is managed. This plan outlines how organisations, stakeholders and communities will work together to protect and improve the water environment.

RBMPs are strategic plans which support the delivery of the Government's 25 Year Environment Plan. The Environment Agency co-ordinates the preparation of the draft RBMPs alongside the draft FRMPs as both manage flood risk and the water environment. RBMPs summarise investment in the water environment through to 2027. Collaboration with key stakeholders is a vital element of these plans to ensure the delivery of multiple benefits across the water system.

A 6-month consultation is currently ongoing for the draft RBMPs, alongside the 3-month consultation on draft FRMPs. The consultation for the draft RBMPs is ongoing till 22 April 2022 and can be accessed [here](#).

For further information on RBMPs please contact RBMPconsultation@environment-agency.gov.uk.

Flood Basin training dates

Garstang Flood Basin Training dates from September to November 2021:

10/09/2021

06/10/2021

09/11/2021

Catterall Flood Basin Training dates from September to November 2021:

10/09/2021

22/10/2021

09/11/2021

Highgate Park dates from September to November 2021:

30/09/2021

05/11/2021 delayed due to incident response duties

24/11/2021

Maintenance Work

The annual maintenance programme is continuing and we are currently finishing off the second grass cuts on the Wyre embankments and have completed the channel weed work. Our teams are now also carrying out the vermin checks on the embankments. The flood basin embankments have received three grass cuts already and will receive a fourth in the new year.

All repair work to the gates at Garstang have been completed and the basin is fully operational. We are continuing to monitor the void in Catterall embankment after the temporary sandbag repair and no worsening was noted after the event on the 1st/2nd November.

Work on the multiple recovery projects in the catchment is progressing, which includes banks repairs at Catterall basin, Wild Boar, Whites Brook, Stockenbridge and Inskip Brook. Temporary repairs have been carried out to minimise any further degradation over winter before the main repairs can be carried out after the winter flood risk period has passed.

Project / Review updates

Hambleton Tidal Flood Risk Management Scheme

The proposed scheme will reduce the flood risk to over 600 properties. Linear flood walls are proposed from Kiln Lane, north of Wardleys Pool, to the end of the existing embankment near Peg's Pool. The Hambleton FRMS will provide a consistent standard of protection against a flood event with a 0.5% chance of occurring in any one year. The scheme has included the effects of climate change, with consideration given to the impacts of sea level rise and increased magnitude and severity of flood events.

The detailed design for the scheme is still ongoing, with the environmental assessments currently forming the main focus of the project. We are currently working closely with Natural England on the environmental aspects of the scheme. We continue to engage with individual stakeholders, including LCC Highways, United Utilities, and members of the community, on elements of the detailed design.

Our current best estimate for the planning application submission is spring 2022. This has moved due to our ongoing engagement with Natural England and revisions to the scheme design which have resulted from this engagement. We will engage with the public in advance of the planning application submission. The format of this engagement is to be confirmed and will be subject to Government guidelines and restrictions.

Further information relating to the scheme is available via the scheme's FloodHub page (<https://thefloodhub.co.uk/hambleton/>). If you would like to discuss the scheme further, please contact Christine Hamilton who will be happy to help you. You can contact Christine at CMBLNC-PSO@environmentagency.gov.uk.

Fleetwood and Copse Brook Flood Risk Management Scheme

The scheme will construct approximately 800 metres of tidal flood defence wall and reconstruction of the Copse Brook outfall to provide protection to Fleetwood. The scheme will protect over 2,200 properties from flooding. The Strategic Outline Case was approved in July and we have nearly completed the next stage of the project – the Outline Business Case (OBC). This will be completed in December 2021. Due to the current economic picture, like a lot of schemes, costs to deliver have increased from previous expectations. We are still analysing the impact of this on the fundability of the scheme and we remain confident in the ability to deliver it but the necessity for some sort of partnership funding is becoming more likely.

It is our ambition that the scheme will provide a catalyst for the wider regeneration of Fleetwood by injecting capital investment into the frontage, whilst unlocking large areas of derelict land for re-development. We are therefore working closely with Wyre Council, Lancashire County Council and Associated British Ports (ABP). ABP are providing project support by contributing to the cost of the structural survey and providing us with Ground Investigations that will help inform the final design options.

Wyre Natural Flood Risk Management Investment Readiness Project - *“Investing in Nature: Wyre catchment project”*

Further information on the project, as well as useful links and answers to frequently asked questions, is available at: <http://thefloodhub.co.uk/Wyre-NFM-Project/>. In addition, a recent press release from the Rivers Trust updating on the status of the project is available [here](#).

Upper & Mid Wyre Asset Management Project (following on from the Upper and Mid Wyre Review)

The Upper and Middle Wyre Asset Management Project was developed following the completion of the Upper and Middle Wyre Review in 2017. In January 2020 we announced that the project was unlikely to commence to the next appraisal stage (Outline Business Case) before spring 2021 due to constraints in available capital funding, as a result of the project's low Partnership Funding score. We are continuing to investigate the funding opportunities available to progress this project. However, progression of the project continues to be dependent on the project's Partnership Funding score improving.

Appendix 2

Wyre Making Space for Water Meeting

Minutes of meeting held Thursday 25 November 2021
at Wyre Civic Centre and via Microsoft Teams.

Present

Carl Green (CG)	Wyre Council (WC) – Chair
Paul Long (PL)	Wyre Council
Graeme Kelly (GK)	Environment Agency (EA)
Mia Mullender (MM)	Environment Agency
Mark O'Donnell (MO)	Lancashire County Council (Highways)
Tom Myerscough (TM)	Wyre Rivers Trust (WRT)

Via Microsoft Teams

Christine Hamilton (CH)	Environment Agency
Elizabeth Lowe (EL)	Environment Agency
Lorah Cheyne (LC)	Lancashire County Council (Flood Risk Management)
Brian Birkett (BB)	Lancashire County Council (Flood Risk Management)
Benjamin Rogers (BR)	Lancashire County Council (Flood Risk Management)
Phil Wylie (PW)	United Utilities (UU)
Louise Ashworth (LA)	United Utilities
Chun Teh (CT)	United Utilities

Apologies

Rachel Crompton	Lancashire County Council (Flood Risk Management)
Kevin Kellett	Lancashire County Council (Flood Risk Management)
Nigel Morris	Lancashire County Council (Flood Risk Management)

1. Introductions

PL welcomed everyone to the meeting.

EL introduced herself to the meeting; she will be working as Senior Advisor in the Partnership and Strategic Overview Team for the EA. She is familiar with issues in Wyre, having previously been involved in the MSfW meetings while working for LCC, four years ago.

2. Apologies

Apologies were noted as above.

3. Minutes of Previous Meeting

The minutes of the meeting of 26 August 2021 were agreed.

Matters arising

MO confirmed that the works to clear the excess vegetation on land between the bank of Royles Brook watercourse and the highway on White Carr Lane, Thornton has been completed

PL reported that Highways England (HE) have confirmed that the culverts under the A585 Amounderness Way at White Carr Lane and New Lane, originally planned to be cleared by the end of September, are to be cleared soon; no date has yet been confirmed.

PL confirmed that no action had yet been taken regarding flooding to properties on Sefton Ave, Poulton. PL to arrange site meeting with Wainhomes to determine what actions can be taken to prevent future flooding.

Action - WC / LCC

4. Issues from Flood Forum and FLAGS

PL reported that he had recently held Teams meetings with the FLAGS from Preesall, St.Michaels, Great Eccleston, Thornton, Hambleton & Stalmine and Churchtown.

Issues raised are detailed below and have been added to the Issues and Action log where necessary.

PREESALL

Matters arising from last meeting

TM confirmed that he now has the necessary information to allow him to produce a design for the creation of a wetland area on land adjacent to Sunnyside Terrace. He confirmed that he will provide an update on his design at the Flood Forum in December.

PW confirmed that there was no further update on flooding to gardens and cross contamination issues on Coniston Ave. He reiterated that he did not consider that a resolution would be found in the near future.

The FLAG confirmed that the Acco drain and highway gullies at the junction of Sunnyside Terrace and Sandy Lane had been cleared. They thanked LCC for their speedy resolution of this issue.

PL reported that he had yet to contact Willowgrove Caravan Park re the overgrown and restricted watercourse behind Rosslyn Crescent. PL to contact the caravan site to arrange for works to be undertaken.

Action - PL

MO reported that LCC have inspected the watercourse downstream of the culvert under Burned House Lane and found it to be in good condition. He noted that there was a section of the watercourse, where it joined with Grange Pool watercourse that would benefit from work to improve the flow. GK agreed that his Ops Team would take a look at this.

Action - EA

GK reported that the discharge from the lakes on Park Lane (and whether or not they flowed to the east or west) had not yet been checked. He reiterated that he would get someone to check this, but noted that the EA does not currently undertake any maintenance on this section of the watercourse network.

New issues - meeting 15 November 2021

It was reported that resurfacing works to Lancaster Road had affected the road camber such that water is being directed towards residential properties. There are no road gullies in this area and the water is causing flooding issues to properties. Residents have previously raised the lack of road gullies with LCC but there has been no response to date. FLAG have asked that LCC investigate this further.

Action - LCC

FLAG asked if the CCTV camera on Sunnyside Terrace could be repositioned to take in more of the junction with Lancaster. PL noted that the camera was principally installed to monitor the pump (when in use) but would raise with colleagues.

Action - PL

HAMBLETON & STALMINE

Matters arising from last meeting

MO confirmed that LCC are currently working on clearing the highway drainage on Kiln Lane, including additional works to dredge the private watercourse north of the UU pumping station. Works from Kiln Lane to Queensland on Carr Lane are planned over the coming weeks.

LCC have installed signage along the A588 to advise residents that drainage works are being undertaken within the village.

PL noted that the FLAG had reiterated concerns about the highway drainage pipe in the field opposite Queensland. MO confirmed that this pipe would be included in any maintenance works.

PW asked that any updated records be forwarded to UU so that they could update their own records where applicable.

Action - LCC

The FLAG have asked for an update on discharges from Sherbourne Road pumping station and whether this is discharging sewerage from an overflow to the watercourse at Rydal Road. PW said that UU had a video from a recent inspect of the pumping station and he would look to see if any overflow existed. He noted that the installation of flowmeters next years may help identify any uncharted connections.

Action - UU

With reference to the clearing of the watercourse on Marsh Lane, close to the junction with Sandy Lane, GK confirmed that a letter had been sent to the landowner to remind him of his responsibility to maintain the watercourse. A response is awaited.

MO confirmed that works to repair a collapsed culvert at the junction of Highgate Lane and Staynall Lane (as reported by Stalmine FLAG) have been completed.

PW confirmed that UU had contacted the FLAG to confirm that details on the layout of the foul pumping station on Kiln Lane, including invert levels of discharge to Wardleys Creek, was not available. He added that a site visit to the station still remained open to the FLAG if they wished.

New issues raised - meeting 16 November 2021:

Both Hambleton and Stalmine FLAGS raised concern about the capacity of the foul and surface water systems to cope during heavy prolonged rainfall. They have requested copies of the known damage plans to help them understand how the system works.

Stalmine FLAG asked for an update on the claim that the drainage pipes on Linley Grange had been incorrectly connected resulting in sewage being discharged to the watercourse network. PL confirmed that he had undertaken a survey of all drainage in the area, including that on Linley Grange, which confirmed that all connections were correct and as approved.

Stalmine FLAG raised an issue of flooding on Smithy Lane and Occupation Lane. PL noted that the UU drainage plans for this area were incorrect and agreed to forward a correct version to the FLAG.

Action - PL

CHURCHTOWN

Matters arising from last meeting

GK confirmed that the flap valve on the outfall into the Ainspool has been checked and confirmed working.

New issues - meeting 16 November 2021

The FLAG confirmed that despite recent works by LCC (Highways), the village did suffer flooding on The Avenue, the A6 and at Ainspool Lane at the beginning of November. It was agreed that officers from Wyre and LCC would undertake an additional survey of the drainage system in the village with members from the FLAG on Wednesday 8 December.

The FLAG asked that EA remove tree trunks in River Wyre approx. 300m downstream of Kirkland Bridge.

Action - EA

TM said the he may look at additional works to hold back water in Green Wood as requested by the FLAG. He would arrange a site visit to look at the possibility of undertaking any works.

Action - TM

The FLAG noted that a significant number of road gullies on the A6 (close to the junction with The Avenue A586) were blocked and in need of clearing. They asked that LCC clean these out.

Action - LCC

THORNTON

Matters arising from last meeting

MO confirmed that works to replace the gully at the junction of Bourne Road and Fleetwood Road North are now scheduled for January 2022.

Action - MO

PL confirmed he had again contacted National Grid to check the condition of the culvert under their concrete apron in the electrical sub-station on River Road, Stanah. While an initial inspection has been undertaken, major works are still awaited.

MO agreed to have the section of watercourse downstream of the sub-station checked, and cleared as required

Action - PL, MO

MO reported that he had instructed his team to look at raising the footpath in front of the two properties on Fleetwood Road North, north of Springfield Drive, Thornton which have no freeboard on their dropped kerbs and suffer regular flooding off the highway. He was unaware whether this work had been completed, but would check and report back.

Action - MO

MO confirmed that works to works to repair the manhole at the junction of Fleetwood Road North and Bourne Road will be undertaken in January 2022.

Action - LCC

MO confirmed that works to clear the culvert under Fleetwood Rd North which feeds the tributary of Springfield Dyke south of the Iron Horse will be undertaken in January 2022.

Action - LCC

PL reported that he again contacted POS Landcare re clearing the pond and watercourses on Hawley Gardens. POS have responded (24 Nov) that an instruction has been given for the works to be undertaken by Three Shires Ltd. PL added that the damage to the fencing around the watercourse headwall would also be undertaken.

GK reported that thWe had a meeting with Graham from the EA down at the Sandyforth Arms to look at the fitting of a camera overlooking the culvert which we use to assess the potential implications with high volumes of rainfall. Could you ask Graham for an update regarding progress please?

GK confirmed that the camera has been ordered and was expected next week. He said that this would be installed before Christmas.

Action - EA

TM confirmed that the proposal to install leaky dams on the section of Hillylaid Pool watercourse downstream of the connection with Horsebridge Dyke is still ongoing but would likely be delayed while work on the leaky dam at Stanah was completed.

Action - TM

PW confirmed that UU had no current plans to undertake any drainage works on the Marsh Road / Church Road sewers. He reiterated that UU are unaware as to where the surface water in this area discharges and confirmed that there is no connection to either Royles Brook School or the local watercourse network. UU will continue to look into this matter, but nothing is imminent.

Action - UU

GK confirmed that the culvert under Tesco car park, Marsh Mill, regularly remains free running. Any flooding to the car park is expected to be a combination of lack of capacity on the culvert and blockages within the private car park drains. No action is planned for this area.

New issues raised

There was significant flooding following heavy rainfall in late Oct / early November. While most of this was restricted to flooding of the highway and gardens, there were a small number of reports of flooding to residential properties. Residents in Thornton reported higher than expected water levels in Hillylaid Pool which they have attributed to the leaky dam constructed at Stanah as part of the new wetland scheme.

A site meeting with the FLAG and residents was undertaken on 8 November to inspect the dam. TM explained how the leaky dam operated and showed off the wetland / storage area. Most local residents blame the leaky dam for the rise in the level of Hillylaid Pool and have called for it to be removed.

While it is acknowledged that upstream levels in Hillylaid Pool do appear to be significantly higher than normal, it is noted that levels downstream are low. A check by the EA for potential blockages in the watercourse did not reveal any issues. A walkthrough of the watercourse is planned with the FLAG on 21 December.

TM said that it is intended to install number of level loggers along the full length of the watercourse – it is expected that these will provide data on the level of water in the watercourse and help to pinpoint any issues.

It was noted that as part of the current works to construct the new bypass road at Skippool roundabout, Kier has blocked the outfall from Horsebridge Dyke and using large pumps to overpump to the watercourse. It is unclear whether this is having an impact on the upper sections of Hillylaid Pool watercourse; GK to contact Kier for details of their operations.

Action - GK

ST.MICHAELS

Matters arising from last meeting

GK reported that an inspection of the north bank of the River Wyre upstream of the village had not identified the bank erosion reported by the FLAG. He asked that the FLAG provide a more accurate location. EA to investigate.

Action - EA

New issues

Following heavy rainfall in late Oct / early November, significant flooding to the highway, residential properties (including internal flooding) were reported. MO reported that a number of the surface water outlets from properties were silted up and required cleaning. He added that LCC had cleared a number of these but more is necessary to protect properties from localised flooding. It was further noted that traffic movement on the A586 was adding to flooding of properties.

LC noted that the flooding at St.Michaels had been sufficient enough to warrant the production of a Section 19 report.

PL reminded all present that the FLAG have organised a Teams meeting for 8 December and asked that representatives from all agencies attend.

GREAT ECCLESTON

Matters arising from last meeting

GK reported that the survey of Whites Bridge watercourse has been received. He added that, in the short term, sandbags have been installed on the right bank of the watercourse to reduce the impact of high water levels. It was, however, noted that, during the recent flooding events, Moss Side Lane had flooded again, threatening residential properties.

PL reported works to the watercourses on the north side of the A586 appeared to be having an effect; the FLAG reported only minor flooding of local highways and noted that water levels quickly dropped.

New issues

None raised

PILLING:

Matters arising

None raised

New issues

None raised

OUT RAWCLIFFE:

Matters arising from last meeting

None raised

New issues

None raised

5. Presentation

CG introduced Gerbren Haaksma from Andel Ltd (www.andel.co.uk) who gave a brief presentation on flood management and real time monitoring of watercourses

6. Issues and actions update

The updated Issues & Actions list is attached as Appendix 1

7. New issues

PW asked that LCC look at highway drainage close to 271 Garstang Road East following a complaint of highway flooding.

Action - LCC

Flooding to highway from watercourses, Wheel Lane, Pilling. MO confirmed that LCC had written to landowners to clear watercourses for which they are responsible. PL confirmed that an official complaint had been received relating to planning permission for new property discharging to watercourses. PL/MO to undertake site inspection. MD asked GK to cha on Fluke Hall Lane.

Action - PL/MD, GK

8. Any other business

None raised

9. Next meeting

24 February 2022, 10am start – Details to follow.

Appendix 3

Issue & Actions Log

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG

New / Urgent issue

Ongoing issue

Completed issue

Updated text in bold

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
19/35	<u>Gubberford Lane, Garstang</u> Query re surface water drain connecting to septic tank	- UU to speak with customer and provide feedback	Garstang	UU	LCC		UPDATED 18/02/2021	Ongoing: - UU have visited the site and discussed with complainant. Not a public sewer so no further UU involvement. - LCC (Highways) to undertake investigation of road gullies to establish if misconnected.	A
19/21	Great Eccleston pumping station 52544 - no evidence of sewage discharge from pumping station into the Wyre even though sewage discharged from pipe on Rawcliffe Road (see 19/20)	- UU to investigate and report back to Forum	Great Eccleston	UU			UPDATED 18/02/2021	Ongoing: - Site visit undertaken July 2019. - UU continuing to look into this. - UU remodelling network, including proposed new major housing development. - The project to accommodate the Great Eccleston development has been approved, and is with UU's Engineering and Capital Delivery team who have been tasked with providing a solution to alleviate the predicted detriment to the network. This is programmed to start in April 2021. Hopefully, (and if required) site investigations will be completed through June and July 2021, to then enter the discussions and contracts with UU's Contractor Delivery Partners in September 2021.	A
21/04	Flooding to Lancaster Road / Raikes Road.	- WBC and UU to undertake inspection of watercourses opposite Raikes Road and inspection of discharge pipe to River Wyre.	Great Eccleston	WBC	UU		UPDATED 18/02/2021	- Network inspected by WBC. Riparian owner of watercourse has undertaken clearance works at WBC's request - UU have inspected the outfall from the adjacent foul pumping station. The final section of pipework and the outfall accommodates both the overflow from Great Eccleston WWNT PS and a local watercourse that takes the highway drainage serving Raikes Road. The CCTV survey found no operational issues on this section and the upstream sections of the PS overflow. However, it was not possible to camera right up to the shared outfall due to a bend in the pipe. A joint site inspection carried out by UU (PJW) and WBC (KG) found the waters in the Wyre above the outfall so it was not possible to inspect the flap valve (re-visit required). Please note that the modelling work carried out by UU indicates that flooding will occur from the manholes on the outfall and possibly the manholes on the piped watercourse (not included in the model but has very similar cover levels to that of the outfall) when the Wyre is high and the outfall closed.	A
21/07	Flooding to Moss Side Lane – road impassable due to overflowing watercourse	- EA to look at Whites watercourse which is overflowing onto land to the east. - LCC (Highways) to consider raising road levels	Great Eccleston	EA	LCC		UPDATED 23/11/2021	- Sandbags have been added as a temporary measure to White's Brook bank until full works can be completed.	A

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG

New / Urgent issue

Ongoing issue

Completed issue

Updated text in bold

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
21/12	Butts Lane; junction with Back Lane	- Highway flooding due to suspected blocked gullies.	Great Eccleston	LCC			NEW 18/05/2021	- LCC to investigate / clear gullies	A
19/06	Flooding of highway, Carr Lane, Hambleton	- Blocked gullies and/or watercourse near to Hambleton paper shop - LCC (Highways) have investigated and will undertake works to redirect highway drainage.	Hambleton	LCC	UU, WBC		UPDATED 17/05/2021	Ongoing: - LCC to undertake works to improve local highway drainage. Works to commence in New Year. New sub-group of MSfW formed. - Works to begin 2 March 2020 - See Sub-Group - UU Model shows flooding occurs from 1 in 5 year rainfall and below due to the system being overloaded by surface water during rainfall. Ongoing investigations into the catchment with a proposal to install flow monitors under the capital project Dynamic Network Management (DNM). Approval has already been obtained to mitigate a number of the properties that experience flooding and have been included in the YR22 programme. - LCC to survey drainage from Sandy Lane to culvert under Carr Lane. - WBC / LCC to liaise with resident at Queensland Country Park to look at opening up culverted watercourse.	A
19/13	Kiln Lane / Sherbourne Road, Hambleton - Local area has suffered numerous flooding incidents resulting in internal flooding to a number of properties.	- UU to consider installation of new inspection chamber on culverted watercourse for easier access	Hambleton	ALL			UPDATED 07/06/2021	Ongoing - works undertaken; inspection only Carried over from MSfW Hot Spot - UU have inspected the banks of Wardleys watercourse and not located discharge point from culverted watercourse. - Investigation works may be required to ensure that water from local area can freely discharge to watercourse. - UU have excavated in footpath but encountered high water table. Will need to find alternate access point to survey culvert. UU to dye test piped watercourse to locate outfall. - WBC to undertake investigation into repeated flooding. - LCC to use sond to locate outfall to Wardleys watercourse - LCC have located and cleared outfall from private culverted watercourse. EA to look at additional works to improve flow. - Reopened following flooding 29 Sept. New sub-group of MSfW formed. - Inspection undertaken of local surface water drainage to establish connections and condition. Gullies on Kiln lane and Sherbourne Road cleared. - Private culvert and watercourse to north of Kiln Lane cleared by LCC over Christmas 2020.	A

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG



New / Urgent issue

Ongoing issue

Completed issue

Updated text in bold

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								- Additional survey of highway drainage has noted issues with gullies adjacent The Shovels. LCC to resolve issues	
21/01	Pauls Lane, Sandy Lane, Stoney Lane, Market Street	- Surface water flooding during heavy rainfall - gullies surcharging onto highways	Hambleton	LCC	WBC, EA		UPDATED 07/06/2021	- LCC (Highways) to undertake CCTV of private culverted watercourse to determine whether the pipe is blocked / broken. - Survey of highway drainage along Broadpool Lane to Sandy lane has noted issues with several highway gullies. LCC to resolves these issues.	A
21/02	Bull Park Lane / Shard Lane	- Highway flooding on Bull Park Lane	Hambleton	LCC	EA		03/02/2021	- LCC (Highways) to check condition of gully on Bull Park Lane to determine whether the pipe is blocked / broken.	A
21/05	Possible blocked surface water outfall Marsh Lane (Sandy Lane) FY6 9AW	- UU to investigate for blockages and report back to Forum	Hambleton	UU			24/05/2021	- Planned site inspection by UU Wednesday 24/02/2021 - UU have cleaned surface water pipes but report that watercourse requires desilting. EA to look into.	A
21/08	Bluebrook Ave. Foul flooding during heavy rainfall events	- UU to investigate	Hambleton	UU			27/05/2021	- New issue	A
20/11	Flooding of the highway at the junction of St Johns Ave and School Lane	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/2021	- Query - check with LCC whether cleared. No issues in January 2021	A
20/12	Flooding of highway on Smallwood Hey Road	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/21	- Jan 2021 road still flooding along middle length of road. No complaints of residential flooding.	A
20/13	Flooding of highway on Moss House Lane. Concerns that housing development under construction adjacent to highway is exacerbating flooding	- Wyre Council Engineers and Planners to investigate	Pilling	WBC			UPDATED 17/02/21	- Site inspected by WBC Engineers. - WBC Planners have written to Developer to discuss flooding issues. - Developer is proposing changes to surface water drains to divert water away from watercourse Moss Side Lane. Details awaited. - Revised plans from developers approved	A
20/14	Highway drain on Lancaster Road (adjacent Bodkin Hall) blocked	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/21	- Check with LCC (Highways)	A
20/15	Flooding of highway on Carr Lane - Flooding outside Melrose and Ibrox	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/21	- Check with LCC (Highways)	A
20/16	Flooding of highway on Taylors Lane	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/21	- Collapsed sewer near to Mill - not repaired. - Surface water flooding	A
21/13	Flooding Wheel Lane	- Investigate flooding on Wheel lane and complaint re local development	Pilling	LCC / WBC / EA			New 10/11 21		R

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG

New / Urgent issue

Ongoing issue

Completed issue

Updated text in bold

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
20/10	Flooding to properties on Snowdrop Dell, Hardhorn Road and Linderbreck Lane, Poulton 11 August 2020		Poulton	UU	LCC		UPDATED 18/02/2021	Ongoing: <ul style="list-style-type: none"> - UU undertaking CCTV survey of public sewers - The CCTV surveys of the public sewers and private drains immediately downstream of the property have been completed and no issue found. The property connects via gravity to the public foul sewer in Linderbreck Drive which in turn flows via gravity to public combined sewer in Hardhorn Road. UU NFA - Requested (24.08.2020) LCC check the condition of local highway drain. 	A
19/07	Sunnyside Terrace has suffered a number of flooding events which have included internal flooding to properties – the most recent event was 22 November 2017. The MSfW Group is looking to undertake initial works to carry out works to Green Lane watercourse to ensure that there is a clear discharge point for excess flood water. LCC have obtained a grant to undertake capital works to reduce the risk of flooding.	<ul style="list-style-type: none"> - LCC to cut back willow tree in Green Lane watercourse to allow free flow in the watercourse. - LCC to undertake desilting works to culvert under Cart Gate. - LCC to undertake desilting works on Green Lane watercourse, including culvert under road. WBC to inform landowners adjacent to watercourse. - LCC to consider other flood mitigation works once the discharge point is cleared. - LCC / EA to inspect full length of Green Lane watercourse to its discharge point to River Wyre. - EA to inspect and clear if necessary river outfall. - Update 21/02/19 - LCC (Highways) 	Preesall	LCC	All		UPDATED 17/05/21	Ongoing: Carried over from MSfW Hot Spots. <ul style="list-style-type: none"> - Desilting of watercourse completed by LCC – approx. 500m cleaned either side of Green Lane. - Walk through of Green Lane East watercourse undertaken (LCC/WBC). - Draft pumping plan written. - LCC to clear/desilt culvert under Cart Gate - practice trial of pumping plan undertaken - LCC to undertake road resurfacing July 2019 including additional gully and to look at road levels to reduce drainage runoff. - LCC works completed - watercourse cleaned out. - Inspection of northern part of Green Lane East watercourse to be inspected to look at clearing by EA. - New sub-group of MSfW formed to look at works on Preesall Hill.- See Sub-Group - Rivers Trust looking to introduce measures to reduce runoff from Preesall Hill towards Sunnyside Terrace. - Changes to profile of Preesall Hill presents problems with the WRT plans to reduce flows - requires meeting with landowners. - LCC to undertake topographical survey of Preesall Hill to allow revised drainage plan to be drawn up by WRT. 	A
19/08	Watercourse to rear of Meadow Ave, Preesall in urgent need of cleaning and reinstatement. Watercourse takes surface water from Pilling Lane and estate around Meadow Ave.		Preesall	WBC	LCC / EA		UPDATED 17/05/21	Ongoing: <ul style="list-style-type: none"> - LLFA (FRM Team) to investigate, potential enforcement action required. - Inspected LCC/WBC – WBC to look at community payback as possible option to clear on a one-off basis. - Still outstanding. Site to be inspected as part of community walkabout on 30 May and action planned. 	A

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG



New / Urgent issue

Ongoing issue

Completed issue

Updated text in bold

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								<ul style="list-style-type: none"> - Community Payback have confirmed that they do not wish to undertake this work. MSfW team to look to resolve. - WBC / LCC to issue letter to residents about need for works. - WBC / LCC to look at potential contributions to undertake works. - Watercourse identified as wholly being Developer responsibility. Developer to clear as part of construction works. - Developer has withdrawn current application, although second developer is showing interest. - Walkthrough arranged with FLAG for 3 June from Meadow Ave to Wheelfoot watercourse 	
19/09	Pilling Lane, Preesall - Highway floods during heavy rainfall events. Road is only passable with care.		Preesall	WBC	LCC / EA		UPDATED 27/02/20	Carried over from MSfW Hot Spots. Ongoing: <ul style="list-style-type: none"> - LLFA (FRM Team) to investigate, potential enforcement action required - Flooding presumed to be linked to Meadows Ave watercourse and to be considered as the same issue - Still outstanding. Site to be inspected as part of community walkabout on 30 May 2018 and action planned. - LCC to investigate - see 19/08 - LCC confirm that there is no connection from Pilling Lane to Meadow Ave. 	A
19/11	Lancaster Road, Preesall - Flooding of fields and Lancaster Road. Road requires to be closed when flooded. Dykes are not draining, possibility of blockage under highway. Investigate if there is a blockage in the culvert.	<ul style="list-style-type: none"> - Undertake preliminary investigations - Undertake appraisal to identify possible actions 	Preesall	LCC	WBC / EA		UPDATED 23/11/21	Carried over from MSfW Hot Spots. Ongoing <ul style="list-style-type: none"> - LLFA (FRM Team) undertook initial site investigation and met local residents on Tuesday 15 November. - Dyke full and very limited flow. Maintenance cannot be undertaken on network of dykes until obstruction can be found and removed. - FRM have undertaken an investigation in January 2017. Culvert under highway was cleaned out and jetted to remove silt build up. Further works are required as there is a capacity issue and the embankment is slipping into the ditch. - Culvert now cleared. Works required to repair culvert end wall – LCC to undertake these summer 2017. - LCC/WBC have undertaken walk through and identified areas of work required. - LCC to undertake clearance of ordinary watercourses to improve flow to Green Lane East watercourse - works completed. 	G

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG



New / Urgent issue

Ongoing issue

Completed issue

Updated text in bold

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								<ul style="list-style-type: none"> - EA to look at clearing northern part of watercourse. - EA have inspected the watercourse; there is some vegetation in it, but it is flowing freely. - EA – watercourse has been maintained. 	
20/05	Carr End Lane, Stalmine. Regular flooding of highway close to Lynwood Drive. Concerns have been raised about the proposed housing development adjacent to the site.	- Making Space for Water Group to hold a walkover of Stalmine issues with new FLAG. Date to be organised	Stalmine	ALL			27/02/2020	- MSfW to organise walkover with FLAG	A
17/16	Embankment issues - Split in the bank of Wyre on south side downstream from Stockenbridge Farm (email 05/04/2017)	<ul style="list-style-type: none"> - Stockenbridge update for June 17 WFF 1) A gateway on the crest has been reinstated with concrete slab to match the embankment crest level. <ul style="list-style-type: none"> - 09/07/18 Works we had planned to carry out have been carried out. - No funding has been allocated for any additional works. 2) We've highlighted the concerns highlighted by FLAG to colleagues in Asset Performance to check that they are already aware of this issue. The relevant colleague is currently out of the office so we'll get an update when he returns. We'll also make sure he's aware of the offer for a site meeting if required. 3) Additional location of 018 added following meeting on 16/01/18 <ul style="list-style-type: none"> - 2/7/18 Works we had planned to carry out have been carried out. No funding has allocated for any additional works. - 05/11/18 - Aiming to carry out our usual embankment maintenance next as published online. Challenges around funding for any 'in-year' repairs until after April 2020 at earliest. If any 'Emergency Works' are identified funding would be made available but would require sign-off from Operations Manager. - 04/02/2019 looking at repairing the slump in the embankment at Stocken bridge Farm in 19/20. EA site visit on 25 Jan 2019 to understand scope of works. Work should commence summer 2019. They will involve removal of tree, reinstatement of crest width and embankment side. 	St Michaels	EA		M17 & 018	UPDATED 23/11/2021	Ongoing <ul style="list-style-type: none"> - EA - works to start summer 2019 - EA confirmed that works are no longer going ahead. EA will look again to see if works can be included in financial year 20/21. - EA have undertaken investigation and confirmed embankment is not moving - works that were planned for 2020/21 have been rescheduled for 2021/22. - Works are programmed for 20/21. Work is part of the civils programme which also includes the works on Rawcliffe Road. - Work has been drawn up and contract issued but will be delivered in 21/22 due to in year budget reductions. - Awaiting update on works programme from EA - Works still planned for 21/22. Work designs have been received. 	A

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG

New / Urgent issue

Ongoing issue

Completed issue

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Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
		- EA to speak with landowner to discuss works in more detail.							
18/26	Rivermede embankment - ongoing monitoring of the embankment at residential property	- Resident to continue to monitor the embankment	St Michaels			R17	UPDATED 23/11/21	Ongoing. <ul style="list-style-type: none"> - Knotweed treatment has taken place on the embankment and tree removal work is being scoped. The embankment is judged to be stable and EA are liaising with the landowner. - EA to continue to monitor. - EA are planning minor tree work to lessen flows being directed onto the gabion baskets. - When river is high garden is being flooded by leakage through embankment. What are EA planning to do with gabion baskets? - Programme work for 21/22 to investigate embankment to determine depth and width of gabion baskets and also potential seepage routes. Investigation will inform potential construction work. - Erosion is worsening / baskets are falling apart – Can EA confirm that investigation has been completed – what were findings? - Investigations funded for this year- to determine depth and width of gabion baskets and also potential seepage routes. Investigation will inform potential construction work. - Design 2021/22; Construction 2022/23 	A
18/41	Low spots - photos 6-8	<ul style="list-style-type: none"> - 09/07/18 - Not in the bid for next year's repair but will considered for future capital scheme - 05/11/18 - Needs to link to UMW Project - PB to update 	St Michaels	EA		V17	UPDATED 23/11/2021	<ul style="list-style-type: none"> - Maintenance planned for 20/21 to fill in low spots and vermin holes on Old House Embankment. See 18/32 - Update required from EA as to when works planned for. - EA to advise if completed - Work to low spots completed 	G
18/42	Poaching - photos 12-13	<ul style="list-style-type: none"> - 12/7/18 EA aware and will carry out appropriate landowner engagement - 05/11/18 - EA had recent publicity campaign with NFU / Local Media etc. to landowners. Monitoring over coming months to ensure compliance of landowners - Update 28/02/19 - EA are aware of this. Landowners / tenants need to take appropriate measures to fence off cattle /livestock from embankments. 	St Michaels	EA		V17, T17, Z11, AC18, AD20	UPDATED 23/11/2021	<ul style="list-style-type: none"> - WRT may be able to help with fencing works. - We are gathering information on all areas that require fencing and the Environmental Management team is contacting landowners. - Update required from EA as to when works planned for. - EA to advise if completed. - Engagement with landowner continuing. Several stock fences have been put up in several areas. 	A
18/43	Coir roll - no vegetation photo 18	- Revetment not vegetated. On 15/5/18 and it was agreed that this would be monitored this year to ensure it takes	St Michaels	EA		EA repair sites -	UPDATED 23/11/2021	<ul style="list-style-type: none"> - Please can FLAG re confirm location. - Update from EA required 	A

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG



New / Urgent issue

Ongoing issue

Completed issue

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Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
		- 05/11/18 - Update required from project manager				T17, V17, X17		- EA will look to re seed when returning to seed recent embankment work at Old House. - EA to advise if completed - Old House embankment work completed. Please can FLAG reconfirm locations of others sites?	
18/57	Consult FLAG re Upper Mid Wyre Project.	- 05/11/18 EA to provide details of how this can be actioned. - 08/11/18 - Extract from email sent from EA to FLAG 08/11/18, "EA will seek to invite comments from the relevant communities/flood action groups. This will be carried out once an initial assessment has been made and report is still in draft. Please note that we are expecting to be able to consult the Flood Action Groups either at the end of 2018 or start of 2019 and due to contractual obligations will only be able to have a consultation period of up to 10 working days. - 06/02/19 - EA to meet St Michaels FLAG to discuss further on the 15 Feb 2019	St Michaels				UPDATED 08/06/2021	Project Ongoing. - EA to provide update in Pre Flood Forum report. - next update March 2020 - EA to provide update on Project and copy of report - EA to provide an update - In January 2020 EA announced that the project was unlikely to commence to the next appraisal stage (Outline Business Case) due to constraints in available capital funding, as a result of the project's low Partnership Funding score. We are continuing to investigate the funding opportunities available to progress this project. However, progression of the project continues to be dependent on the project's Partnership Funding score improving. EA to continue to provide updates in Pre Flood Forum report.	A
19/20	Rawcliffe Road, St.Michaels - sewer pipe opposite Catterall Farm is surcharging and discharge into watercourse	- UU to investigate and report back to Forum	St Michaels	UU	EA		UPDATED 17/05/2021	- UU are actively investigating. - Agreed that this is not an issue for MSfW but is for UU to resolve. - FLAG asked that this item remain on list as it leads to flooding of highway. - A full survey of the rising main has been completed and the preliminary findings appear to show the rising main to be in good condition. The possibility of taking another sample of the rising main at a location closer to the station is being considered. However, UU are still waiting for the full report before any decision can be made with regard to increasing the pass forward flow (PFF). In the meantime the existing pumps and air valves will be refurbished/serviced to ensure they are ready and capable of delivering the increase in the PFF, should the rising main be structurally sound enough to take the increase in pressure. The ongoing issues at Rawcliffe Road will form part in the solution development, but implementing the solution will stand alone and require additional investment and approvals. Please see 19/21 - UU to provide update. EA to confirm details of licence / warnings and enforcement.	A

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG

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Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
20/03	White's Bridge on A586 - bridge structure leaking and water flowing onto highway, causing flooding	- LCC to investigate	St Michaels	LCC	EA	I22	UPDATED 17/05/2021	- LCC Highway bridge inspector due to inspect. As part of the inspection they will identify any joints on the bridge structure which are allowing ingress. - EA/LCC undertaking surveys re access to properties on Moss Side Lane and flooding of A586	A
20/19	Road Flooding opposite the junction of Rawcliffe Road on the A586 - Mark O'Donnell mentioned that he had a project for this at the March 2019 Flood Forum but not further information has been received following FLAG request		St Michaels	EA / UU		S16	UPDATED 17/05/2021	- Completed? Check with LCC (Highways)	A
20/20	Non-functioning flaps/cloughs 1. north bank of Wyre upstream of bridge 2. south bank of Wyre downstream of bridge		St Michaels	EA and UU		1.T17 2.S18	UPDATED 17/05/2021	- Flap Valve No.2 south bank of Wyre and downstream of the bridge is the only ancillary that appears to relate to a UU asset. - Initial inspection required as previous visits have not be able to locate the flap valve due to water levels and vegetation. - EA to arrange site visit with residents to discuss clearing of watercourse by valve 1. - UU to confirm location of valve 2 – check it is working OK	A
20/21	North bank of River Wyre just west of bridge - erosion/slump of lower river bank		St Michaels	EA		S18	UPDATED 07/06/2021	- This seems to have been caused by cattle poaching. - EA will work with landowner to reinstate fence. - EA will monitor the erosion and bid for fund to repair if it continues to worsen. - Erosion worsening. Livestock getting to river. EA to reinspect. - Erosion still limited to berm rather than embankment. EA contacting landowner.	A
20/22	Leaking and overtopping of Wyre bank between Turnover Hall and Ratten Row - completely flooding and blocking Rawcliffe Road for several days in early Nov 2020 (has occurred before on a number of occasions)		St Michaels	EA and LCC		M17 to A16	UPDATED 23/11/2021	- EA - The embankment is piled in this location. Damage was caused during Storm Ciara which we have carried out a temporary repair on. Further work is programmed to be completed by March 2021 to repair and reinforce the crest. As part of the same work we are also reconnecting a field drain that runs under the embankment. - LCC/EA working on – further update required. - Overtopping point and damaged wall section have both been repaired. - Work completed	G

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG

New / Urgent issue

Ongoing issue

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Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
20/24	Frequent highway flooding of A586 between St Michaels Garage and Compton House		St Michaels	UU		Q16	UPDATED 17/05/2021	- LCC to confirm whether works completed.	A
20/25	Bank slump/erosion confluence of New Draught and Old Draught or New Draught and Brock (not sure reported by a bank maintenance person when mowing in late Sept 2010 - not viewed by FLAG)		St Michaels	EA		AC22 or Z/AA 18	UPDATED 07/06/2021	- EA will continue to monitor and bid for funds to repair. Current erosion not yet affecting the raised embankment. - Confirm that it is being monitored. - Being monitored through maintenance programme and asset inspections	A
21/09	Flooding to Allotment Lane	- Flooding of highway, and sewage flooding to gardens.	St Michaels	LCC	UU		NEW 17/05/2021		A
21/10	Lower Wild Boar, Rawcliffe Road	- River bank is leaking – trees growing in embankment	St Michaels	EA		J18	UPDATED 23/11/2021	- Tree cut down. Root ball yet to be removed. - Temporary repair in place; awaiting full works.	A
21/11	Humblescough Brook watercourse	- Someone has put in a clough under bridge on road leading to quarry.	St Michaels	EA			UPDATED 21/11/2021	- EA investigating	A
18/04	What is the current status of the report into the study on Royles Brook / Hillylaid Pool and when will we receive this information? Has the Hillylaid Pool been desilted? Are there any issues which have been flagged up in the report to date?	- Royles Brook Geological Improvements report available for circulation as provided by Jonathan Croft on 18 Jan 2018. Stored in Thornton folder on Preston Drive - Update 21/02/19 - Awaiting response to report from EA.	Thornton	EA			UPDATED 27/02/20	Ongoing. - Silt survey to be undertaken on Hillylaid Pool 2020/21 - results to be shared with FLAG. - EA to provide copy of the Modelling Report to the FLAG	A
18/13	What is the current situation regarding the inspection and maintenance of the culverts / pinch points, a list of which was supplied to the Forum, by Thornton Flag?	- EA to provide written response for May 2018 WFF - Long section to be produced - WBC producing culvert list to include maintenance schedules	Thornton	WBC	EA		UPDATED 27/02/20	Ongoing - Maintenance works ongoing. List yet to be updated and made available to Forum. - Awaiting details on HE culvert under A585 at White Carr Lane, and Red Marsh Industrial Estate.	A
18/15	The Thornton FLAG has asked the EA if they can de- silt sections of the Hillylaid Pool system (assets 347659 and 375191). We had a reply from Paul Bond stating that they hoped to survey the area this summer. Does this mean that they agree with us that the weed cutting isn't sufficient so this will not now be done? Is the survey work to enable them to get the information they require so that they can decide what equipment and manpower will be required to do the de-silting?	- Nothing planned in this year's programme. Community Group can go ahead if they start from upstream end and need to apply for Permit. - Response provided ahead of May 18 WFF	Thornton	EA			UPDATED 23/11/2021	Ongoing See 18/04 - Silt survey to be undertaken on Hillylaid Pool 2020/21 - results to be shared with FLAG. - Routine maintenance will continue as normal. - Survey has been completed and although silt accumulations are present, variations in the hard bed mean that desilting is unlikely to increase flows. - Copy of Hillylaid Pool silt survey sent to FLAG.	A
19/14	School Road, Thornton -Several properties on School Road flooded Nov 2017.	- LCC to carry out cleaning of local highway gullies WBC to contact Network Rail re maintenance of watercourse	Thornton	WBC	UU		UPDATED 18/02/21	Carried over from MSfW Hot Spots Ongoing - Gullies cleaned 29 May	A

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Updated text in bold

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
	Source of flooding appears to be surface water from local surface water drains, suspected blocked highway gullies and poor maintenance of watercourse behind properties	<ul style="list-style-type: none"> - Inspection of local drainage network to be undertaken to identify issues - WBC to draft flooding report from Nov 2017 to identify issues and propose resolution. 						<ul style="list-style-type: none"> - NR have responded that they are not responsible for the watercourse – WBC to pursue this further - Inspection of watercourse and local drainage carried out by WBC/ Thornton FLAG 22 May - Flooding report in progress – to be presented to FLAG June 2018 - LCC to serve formal notice on Network Rail to undertake maintenance works - UU to look at blocking off outlet in main sewer to prevent flooding on watercourse - NR to clear watercourse - date to be agreed - UU/EA/WBC to inspect outfall to Hillylaid Pool to ensure free discharge/ - NR have completed watercourse works - Known flooding location which is predicted by the model to flood during storm events of less than 1 in 10 years. Consequently major capital investment is required in this part of the catchment to reduce the risk of flooding which is currently being investigated. The public sewers serving School Road are on the planned cleaning schedule to ensure the system operates at its maximum capacity at all times. A number of the properties on School Road have already been fitted with mitigation and UU are looking at the possibility of protecting others. 	
19/15	<p>New Lane, Thornton</p> <p>Several properties on New Lane flooded Nov 2017.</p> <p>Source of flooding appears to be surface water from runoff from local fields, surcharged sewers and surface water drains.</p>	<ul style="list-style-type: none"> - WBC to contact Highways England re maintenance of culverts under A585 Amounderness Way - WBC to draft flooding report from Nov 2017 to identify issues and propose resolution. 	Thornton	WBC	All		UPDATED 15/02/21	<p>Carried over from MSfW Hot Spots</p> <p>Ongoing:</p> <ul style="list-style-type: none"> - Culvert under A585 now cleared. - Inspection of watercourse and local drainage carried out by WBC/ Thornton FLAG 1 Feb 2018 – WBC to identify responsibility for all culverts on Royles Brook and Hillylaid Pool - Flooding report in progress – to be presented to FLAG June 2018 - WBC investigation ongoing. - EA to investigate additional dredging works on Hillylaid Pool south of New Lane. - Wyre Council have updated automatic level sensors in pumping stations and replaced sensor batteries. - Sensors adjusted so that pump switches on earlier. 	A
19/27	Can we have a progress report regarding the inspection and condition of the Thornton culverts? See 18/13	<ul style="list-style-type: none"> - WBC to provide update at March 19 WFF 	Thornton	WBC	EA		UPDATED 27/02/20	<ul style="list-style-type: none"> - Inspection / cleaning works in progress. FLAG have been invited to see works. - Report to be updated and passed to FLAG. - Most inspected and found to be OK 	A

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG



New / Urgent issue

Ongoing issue

Completed issue

Updated text in bold

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								- A585, Marsh Mill and Stanah Gardens yet to be checked	
19/29	Springfield Drive, Thornton - are there any updates re the surface water flooding to Springfield Drive from the Poolfoot Sports facility?	- WBC to update FLAG	Thornton	WBC	UU		UPDATED 27/02/20	Ongoing. - No updates to report at this time. - Location to be included in Wyre investigations.	A
19/30	Fleetwood Road North - are there any updates on investigative work regarding the section of Fleetwood Road North between West Drive and Bourne Way	- UU to update FLAG	Thornton	UU	EA / WBC		UPDATED 18/02/21	- Drainage to be inspected, including discharge to watercourse on Bourne Road. - LCC have cleared highway drains. NPL have agreed to clear drains on Bourne Way and clear watercourse from Fleetwood Road. - NPL still to complete clearing of watercourse on Bourne Road. - UU will look at undertaking the cleaning of the public surface water sewers on the section of Fleetwood Road North between West Drive and Bourne Way as part of the planned de-silting schedule. Dates to be confirmed	A
20/06	Norcross Lane / White Carr Lane - concerns that highway culverts under Norcross Lane and White Carr Lane (at junction with Bescott Way) are silted up	- LCC to inspect and clear as necessary	Thornton	LCC			UPDATED 28/05/20	New from resident. - LCC works planned for April 2020 - Works delayed; site visit to be arranged - Works planned for week commencing 22 June	A
20/07	Flooding to Stanah Road at junction with Cathrow Road	- Suspected blockage in culverted watercourse	Thornton	LCC	UU		UPDATED 28/05/20	New From FLAG / Resident - LCC / UU to inspect to determine what works required. Suspected riparian owner responsibility. - Works delayed; site visit to be arranged. - Site visit with FLAG planned for end of June.	A
20/08	Royles Brook School, Thornton	- Suspected blockage in culverted watercourse	Thornton	LCC	UU		UPDATED 18/02/21	- LCC / UU to inspect to determine what works required. Suspected riparian owner responsibility. - Works delayed; site visit to be arranged - Site visit with FLAG planned for end of June. - UU have inspected drainage in the area. Inspection shows surface water drains have been sealed off. No clear indication as to how local surface water drain discharges. Further investigation to be undertaken on 9 Sept. - UU investigation has found that the section of surface water sewer serving Marsh Road was found to go to ground rather than connecting to the SW sewer coming from Linden Avenue. Due to the invert levels it is not be possible to connect this section up as the sewer from Linden Avenue is higher. Consequently the preliminary investigation appears to show only 2 possible	A

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG



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Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								solutions. The first would involve connecting the SW sewer from Marsh Road to the pond located in the school grounds (levels permitting). The other would involve taking the sewer down Wordsworth Avenue until a suitable level could be found to enable it to be connected back into the existing SW sewer. Further work is required to progress a solution and obtain funding. In the meantime UU will look at what can be done to reduce the risk of flooding to the properties.	
20/09	Flooding to property on Aintree Road, Thornton	- Flooding to property - UU to check whether any blockage in surface water drain on Fleetwood Road South	Thornton	UU	LCC		UPDATED 18/02/21	<ul style="list-style-type: none"> - UU undertaking CCTV survey of public surface water drain. - LCC to check highway drains on Aintree Road and Fleetwood Road South - UU have checked the public surface water sewer from Aintree Road to Fleetwood Road South to 80m but no visual as camera underwater. Require LCC/WBC to check for any possible issues with highway drain/outfall. 	A
20/17	Flooding of highway to Lawsons Road on 11 August 2020	- LCC to investigate for blocked gullies	Thornton	LCC			UPDATED 15/02/21	<ul style="list-style-type: none"> - LCC cleaned highway gullies on Lawsons Road and Briar Road. - WBC inspected culverted watercourse and installed tidal flap at discharge point to Hillylaid Pool watercourse - UU have undertaken cleaning of sewers on Lawson Road – blocked with fat from commercial properties. 	A
20/18	Flooding of highway and residential gardens from foul drainage system - Calder Ave	- UU to investigate and report back to Forum	Thornton	UU			UPDATED 18/02/21	<ul style="list-style-type: none"> - UU attended site 14.08.2020 on carried a number of external clean ups and carried out an initial investigation into the cause of the flooding. - An additional CCTV survey was completed on the 24.08.2020 and found no operational issues. - Consequently it would appear that the public sewer network was inundated with surface water as a result of a 1 in 687 storm. NFA 	A
21/06	External surface water flooding to the property Holmefield Close	- UU investigation into status of surface as it appears to be a piped watercourse not a public sewer.	Thornton	UU			UPDATED 18/02/21	<ul style="list-style-type: none"> - It is UU intention to investigate the status of the pipe and have it reclassified as a watercourse. However, due to the current review into the procedure to change the status of a public sewer and the number of possible landowners it has been put on hold. - On hold as the process for having the status of a public sewer changed is currently being reviewed - NFA 	R

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG



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19/36	Church Lane, Winmarleigh at junction of Old Hall Farm Drive flooded 07/03/19 . Suspected inadequate drainage capacity		Winmarleigh	LCC			UPDATED 27/02/20	- LCC to investigate. No action to date.	A