

Wyre Flood Forum

Minutes of meeting held Thursday 09 September 2021

Meeting held at Civic Centre and via Microsoft Teams

Present:

Civic Centre:

Chair

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

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

Parish and Town Councillors

Cllr Roger Brooks (RBr) Garstang Town Council

Council Officers/Agency Representatives

Paul Long (PL) Wyre Council
Lorah Cheyne (LC) Lancashire County Council (Flood Risk Management)
Tom Myerscough (TM) Wyre Rivers Trust

FLAG Representatives

Roger Weatherell (RW) Churchtown FLAG
Michael O'Flaherty (MF) Hambleton FLAG
Roy Peaker Hambleton FLAG
Phil Jenkins (PJ) Thornton FLAG
Eddie Waring Thornton FLAG
 David Ford Thornton FLAG
Linda Rowland (LR) Preesall FLAG

Others:

Paula Knox (PK) Great Ecclestone resident
Terry Caveny Great Ecclestone resident

Via Microsoft Teams:

Wyre Borough Councillors

Cllr Lynn Walmsley (LW) Marsh Mill Ward
Cllr Cheryl Raynor Rossall Ward

Parish and Town Councillors

Jean Wilson 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 (MM)	Environment Agency
Phil Wylie (PW)	United Utilities
Dawn Bromley (DBr)	United Utilities
Danny Wilson	United Utilities

FLAG Representatives

Alf Whiteside (AW)	Pilling FLAG
Pamela Nickols (PN)	St Michaels FLAG
John Nickols (JN)	St Michaels FLAG

Apologies:

Cllr Alf Clempson	Poulton-le-Fylde
Cllr Matthew Salter	Wyre Rural Central
Cllr John Shedwick	Thornton & Hambleton
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
Dianne Booth	Stalmine Parish Council
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
Rachel Crompton	Lancashire County Council (Flood Risk Management)
Kevin Kellet	Lancashire County Council (Flood Risk Management)
Brian Birkett	Lancashire County Council
Paul Bond	Environment Agency
Nikki Beale	Environment Agency
Dan Blacow	United Utilities
Katie Duffy (KD)	United Utilities
Louise Ashworth	United Utilities
John-Gareth Phillips	United Utilities
Richard Rhodes (RR)	Natural England
David Astall	Great Eccleston FLAG
Rita Carr	Preesall FLAG
Ashley Anderton	Preesall FLAG
Cindy Moseley	Preesall FLAG
Alan Ellerton	Hambleton resident
Richard Green	Thornton resident

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 to the meeting. He explained that this was the first hybrid meeting of the Forum involving both a live meeting and an online interaction and asked members 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

The minutes of the meeting of 10 June 2021 were confirmed as a correct record.

Matters arising:

CG noted that all matters arising would be picked up in the meeting.

4. What's going on in the region. Reports from flood management authorities:

United Utilities

DBr reported that there were no major updates to report other than those reported in the MSfW minutes (attached as Appendix 2).

PW added that there were no major works in progress – thinks were “business as usual”.

Questions to UU

RBr asked what works were currently being undertaken by the river at Garstang. DBr was unaware of any works in this area and speculated that this may be the work of the clean water section of UU. She asked for details of the location and offered to find out and report back. **Action - DBr**

RBr also reported a large amount of broken glass on the roof of the buildings; he asked that this be removed. DBr agreed to feed this information back to her colleagues. **Action - DBr**

PJ noted that UU have previously undertaken a CCTV survey of the surface water drain around Aintree Road, Thornton (Issue 20/09). He noted that the drain discharges to the watercourse on Anchorsholme Lane East before joining with Royles Brook on Marsh Farm. He added that the watercourse was blocked with a large volume of debris at the junction, and that EA had previously promised to look into clearing this. He wondered whether the flooding previously experienced on Aintree Road was linked to this blockage.

PW confirmed that UU had carried out a CCTV inspection of the pipes and found them to be clear up to the point they hit standing water in the pipes. It was agreed that this would be considered further by MSfW group. **Action – MSfW**

PN expressed her thanks to UU for their response on the situation on Rawcliffe Road, St.Michaels and their plans for the foul pumping station (Wyre 82) at St.Michaels. She looked forward to further progress reports on these issues.

AW asked if UU had an update on works in Taylors Lane, Pilling. PW replied that an application had been made for funding to replace the full length of the sewer. DBr added that ground conditions were very poor in this area and geotechnical experts were investigating to ensure that the works could be completed safely. AW noted that he was aware that a ground radar survey had been recently completed and he looked forward to an update on the works.

MF repeated his request for information on the pumping station on Kiln Lane pumping station. He also asked that UU provide information on the Sherbourne Road pumping station so that the Hambleton FLAG could determine how the drainage system works to get a better understanding of it and why it floods. DBr replied that this was being dealt with by KD who would provide the information on her return from holiday. DBr offered to contact MF in the following week to discuss this matter further. **Action - UU**

RB asked for UU to provide an update on the works on Rawcliffe Road. DBr replied that UU have undertaken a drainage impact assessment to look at new development on the area to see what funding could be made available to upgrade the drainage system, and were looking to see if the station could be updated to allow larger flows. She added that any upgrade works would need to ensure that any increase in flows did not overwhelm the system and result in flooding elsewhere.

PN noted that alterations to the permitted outflow would still not be operating in compliance with permissions. DBr said that the drainage impact assessment would include how the two pumping station would link together to ensure that there are no further outflows. PN asked when UU would be able to provide an update – DBr said that this was likely to be late October / November.

TM noted that there had been reports on Facebook about sewage entering Wardleys Creek at Hambleton from a development in Stalmine (Linley Grange); he asked if UU had any information on this. PW said that UU are aware of this – early reports are that dirty water is entering the local surface water. He added that the drainage is unadopted and that UU have no involvement in this – he said that this was an issue for Wain Homes, the EA and Wyre Council. PL added that he informed Wyre Pollution Control Team who would be investigating the claims.

RB said that this is a potentially serious issue and that it is necessary for an investigation to be undertaken to determine that the drainage system is properly connected in line with the planning consent for this development.

MF asked if the flow monitors for the Over Wyre area were still on track to be installed and could UU advise where in Hambleton these would be installed. DBr confirmed that the project was still on track and results would be expected from March 2022. PW confirmed that KD is looking to provide this information as part of the pumping station information requested. KD to contact MF to provide an upload.

Environment Agency

PH provided a report on works undertaken by the EA at Appendix 1

GK provided an update on maintenance works. He explained that the EA is currently around three weeks behind on their maintenance schedule. He gave updates on the following specific works.

Garstang:

Works on the Wyre Lane and Green Lane culverts has been completed.

The west ram of the Garstang flood gate has been replaced. There is a minor fault on the east gate which will be repaired in the coming week. The gate is currently in the up position.

Hambleton

Maintenance works on the Kiln Lane and Wardleys watercourses is currently running late; works are expected to be undertaken within September.

St.Michaels

A bid has been made to sort the reported erosion on the river embankment close to the A586 bridge. GK would also contact the landowner to discuss the erection of suitable fencing. Re the survey on Tarnacre Lane, GK confirmed that he had been in touch with the landowner and would be visiting the site the following day to take levels.

Churchtown

GK noted that there has been a suggestion that the non-return valve at Ainspool Lane may not be closing properly; he would be checking that the valve does shut properly and is not leaking. There has been some discussion on modelling of the Ainspool and whether the modelling took into account all the new development in the area. GK confirmed that the latest report dates to 2014 and does not include any recent development. Further, the report does not include data from the 2015/16 floods. He noted that all inputs into the Ainspool should be accounted for within the planning process and should not affect the main river flows.

Preesall

GK confirmed that normal maintenance works on the main river watercourses to Grange Pool is running behind schedule but would be undertaken in September.

Thornton

The CCTV camera for Royles Brook watercourse has been ordered and is still awaited.

Questions to EA

PO noted that Preesall FLAG had asked a question as to where the lakes on the east side of Park Lane discharge. The FLAG is concerned that the lakes discharge to Hackenshall watercourse on the west side of the road but that the filling in of the old railway bridge some years ago may have redirected the flow from the lakes to exacerbate the flooding on Sunnyside Terrace and Sandy Lane. He also asked GK to confirm whether or not Hackenshall watercourse has been enmained.

GK confirmed that Hackenshall watercourse is main river but is not maintained by the EA. He agreed to check whether or not there is a connection to Hackenshall watercourse. Action - EA

LR noted that the watercourse behind Sunnyside Terrace and under Cart Gate is classed as main river; she asked whether the EA maintained this section of watercourse. GK confirmed that the watercourse behind Sunnyside Terrace is maintained by the EA and would be included in works this month.

RW reported that Churchtown FLAG head warden has twice reported to the EA trees in the River Wyre approximately 300m downstream of Kirkland Bridge, but this had not yet been removed. GK was unaware of this but would check. **Action - GK**

RBr noted that planning permission has been approved for 270 properties to the west of the A6 and a further 79 properties south of Prospect Farm. He asked whether the 2014 survey had been updated to consider these properties or would the EA rely on the planning conditions to ensure that surface water from the sites did not lead to further flooding. GK confirmed that planning consent was given for the sites to discharge at green field run-off rates and so should not affect the rate of flow in the main river.

RBr asked if a copy of the 2014 report could be made available. GK agreed to check that the report could be shared outside the EA and agreed to make it available to the Flood Forum.

CG asked whether the EA had any plans to update the 2014 report with data from the 2015/16 floods; GK confirmed that he had asked the question, but was still waiting on a response.

MF asked for more information on Marsh Mill watercourse, Hambleton. He noted that in the MSfW minutes the EA had confirmed that the watercourse was designated as main river but that the EA did not maintain it. GK confirmed that it was main river but did not constitute a high flood risk; as such responsibility for its maintenance would reside with the landowner. He agreed that the EA would contact the landowner to arrange for the works to be undertaken. **Action - EA**

PK asked for an update on the issues at Moss Side lane, Great Eccleston. GK confirmed there are ongoing works as part of the recovery programme on Whites Brook, Inskip Brook, Wild Boar embankment and Catterall basin. He confirmed that topographical survey had been on both banks of the watercourse and that the EA were preparing designs to improve the system; no firm start date has been agreed for any works as yet.

PK noted that White Brooks Dyke had not yet been maintained; she asked when this would be done. GK confirmed that a grass cut had been undertaken and the weed cut was planned to be undertaken soon.

PK asked whether the defences at Almonds Farm were going to be maintained; she noted that no maintenance had been undertaken since it was installed in 2016. GK said that he would check this and reply back to PK. **Action - GK**

PK said that she had a 3 acre field but because of flooding she was unable to keep animals on it in winter and did not have a decent crop this year due to the EA repeatedly “hijacking” the field for its flood defences. She added that she had sent a letter to the EA on this matter in August but had not yet received a response. GK replied that he had not seen the letter and asked that a copy be sent direct to him.

Wyre Council

PL confirmed that Wyre have been involved in walk through inspections with both Hambleton and Preesall FLAGs, looking at drainage and flooding issues raised by the FLAGs. Issues raised have been added to the Issues & Actions log (see [APPENDIX 3](#)) for discussion by the MSfW Group.

Additionally, PL had met remotely with a number of FLAGs to discuss flooding issues – these issues have been raised with the MSfW Group meeting on 26 August (at Appendix 2)

CG reported that the Wyre Beach management Scheme, at Cleveleys, is progressing, with works on diverting services beginning this month. The main works of the scheme are planned to commence early next year.

Wyre has been successful in obtaining finance to install Ecological Community-owned buffer strips. The project aims to enhance the coastal resilience of North West coastal communities to the consequences of climate change, such as from erosion and coastal flooding by creating buffer strips (which could include natural wooden barriers to capture sediment, seeding of plants, establishing saltmarshes) that also capture carbon.

PO asked how this scheme fits in with the SSSI designation for much of the coastline. CG replied that the scheme would be developed in agreement with Natural England

Link: [Innovative projects to protect against flooding selected - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/news/innovative-projects-to-protect-against-flooding-selected)

Questions to Wyre Council

RB noted that the MSfW minutes raised a flooding incident in Sefton Ave., Poulton; he asked what the group's plans were to resolve this issue. PL noted that this was a long standing incident that had been resolved over 20 years ago but had recently resumed following development of the land to the rear. It is proposed that PL and MO make contact with the developer (Wainhomes) to see what action can be taken to resolve the flooding. **Action - PL / MO**

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. Other works included;

Out Rawcliffe – extensive repair works have been undertaken on Rawcliffe Road (by Hudsons Farm) with the help of the EA. Works are now complete and have hopefully resolved the issue of flooding to the highway at this location.

Churchtown – works to the surface water drainage system on The Avenue and Ainspool Lane are now complete. This should resolve the continued flooding at the junction of the A6/A586 and Ainspool Lane.

Preesall – a topographical survey of Preesall Hill has been completed and details forwarded to TM to help him draw up a scheme to hold and divert water from the hill to protect properties on Sunnyside Terrace.

Forton – a new culvert has been constructed in School Lane to resolve flooding issues there. A highway flooding issue on Wallace Lane is to be addressed in the coming weeks.

Upcoming works in quarter 3 include:

Hambleton – recent surveys have been completed of the surface and highway drainage. Works to clear/repair pipes on A588 will start in October.

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

Preesall – works are planned to inspect and clear the surface water culvert under Cart Gate to improve discharges to Green Lane watercourse and reduce impact of flooding.

Thornton – works planned for October include;
Woodlands Ave.

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
survey / clearance of culverted watercourse on River Road.

Out Rawcliffe – drainage outfall to River Wyre to be completed

Questions to Lancashire County Council

PO asked whether there had been any movement re the enforcement action against the landowner on top of Cart Gate. Despite LCC asking for actions to reduce the increased run-off on to Cart Gate, residents were unaware of any works being undertaken. MO replied that no further action had yet been taken, although there had been little rain in the recent past so it was difficult to determine whether any improvement had been made; he agreed to continue to monitor the situation.

PO notes that residents on Cart Gate and Sunnyside Terrace were disappointed that the proposed change to the camber of the highway had not been done. MO replied that the works had proved to be difficult and expensive, so an additional drain had been installed to drain the water from the north side of the road to the watercourse. Additional works are also planned to inspect and clear the culverted watercourse on the south side of Cart Gate to improved drainage.

LR asked whether there were still plans to construct a bund in the field adjacent to no. 1 Sunnyside Terrace to divert water away from properties. MO replied that the full works had yet to be drawn up and the proposed construction of a bund had been neither included nor ruled out. LR noted that due to flooding issues, water is underneath all the properties and houses are unsaleable.

PO asked whether or not it had been confirmed whether the highway drains on Pilling Lane, Preesall connect to the watercourse on Meadow Ave. There is some doubt as to whether or not these drains are connected and this needs to be confirmed to ensure that Pilling Lane is draining properly. PL said that a CCTV inspection of the drains would be required to confirm this; he would arrange for it to be undertaken. **Action - PL**

PO noted that the watercourse behind Rosslyn Crescent was in desperate need of maintenance. He noted that the Town Lengthsman would trim the side of the watercourse, but that major cleaning works are required. PL noted that the previous clean had been undertaken by Willowgrove Leisure Park (as riparian owner) and he would contact them to undertake further works. **Action - PL**

PO asked whether maintenance of the watercourses from the bridge behind Rosslyn Crescent to Wheelfoot Watercourse would be undertaken. PL noted that parts of this have already been done; the remainder would need to be done to improve local drainage. PL confirmed that this was “on his radar” but was not likely to be undertaken any time soon due to works elsewhere.

PO asked that the eastern watercourse from the new development on Rosslyn Ave be checked as nothing appears to be being discharged even though fields are full of water. PL confirmed that when last inspected the watercourse was empty, although works were still in progress on site. PL to re-inspect watercourse. **Action - PL**

PJ asked if the works to raise the kerb line on Fleetwood Road North could be considered for an early completion as this is causing considerable hardship to the residents. MO said that the works were minor and he would look to get them done as early as possible. PJ agreed to meet MO on site to resolve the issue quickly.

PK asked if there was any update on raising the road on Moss Side Lane, Great Eccleston. MO noted that the cost of these works had been estimated around £100k and was considered too expensive. PK thought that this was a lot of money to raise the road by a couple of inches, although MO reminded her

that the extra thickness was considerably in excess of a couple of inches. He noted that raising the road would also have a detrimental effect on access to the nearby field. At the moment the EA are looking at other options to prevent or reduce the flooding in this area. It was suggested that an additional meeting could be held on site to re-examine the options. PL to liaise with LCC and EA to arrange further meeting. **Action - PL**

RW thanked MO for his work on the drainage on A586 and Ainspool Lane, Churchtown. He asked whether LCC had removed the existing flap valves on the drainage outfalls and put on directional valves that point downstream. MO confirmed that he had had a team of divers check the outfall flaps; the flap upstream of Kirkland Bridge has been amended to point downstream, while the two downstream of Kirkland Bridge were already facing downstream. RW asked whether the two outfalls downstream of Kirkland Bridge had flap valves on them already – MO thought that this was the case but would check to be certain and report back. **Action - MO**

RW asked whether the flood pathways from Green Wood to Ainspool Lane had been looked at. MO replied that this had not yet been looked at as works had been concentrated elsewhere in the village. It would be considered at a later date.

MF asked whether LCC had any plans to extend their survey work in Hambleton once the current proposed works are completed. MO replied that, while there was remaining finance available, he would continue to look at flooding issues in Hambleton.

LR noted that Sunnyside Terrace residents were grateful for the works to resolve the flooding issues and were reassured that works would continue until a resolution had been found.

CG informed the meeting that he had received a query from Blackpool Council trying to establish who had undertaken maintenance works to a bridge on Horse Bridge Dyke, Normoss. MO was not aware of any such works.

Wyre Rivers Trust

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

The Wyre Natural Flood management (NFM) Project ended in March. The scheme had delivered 294 projects, mainly leaky dams, buffer strips and tree planting. Data being received indicate a 10-20% reduction in watercourse levels that show that NFM is working well to augment traditional flood risk management.

Link: [Investing in nature: Wyre catchment project | The Rivers Trust](#)

WRT is looking for private investment in the Wyre NFM Project and is expecting to see around £1m investment in the next three years. As part of the project farmers and land managers will be paid for NFM on their land while communities downstream will benefit from reduced flood risk.

The Hillylaid Pool wetland is now complete, providing 6,000m³ of storage to reduce the risk of flooding to Thornton. TM asked that if anyone wished to visit the site, they should contact him direct to arrange it.

The White Carr Lane wetland is also nearing completion, providing 2,000m³ of storage.

Work on an additional 1,750m³ storage on King Georges Playing Fields, Thornton is also planned to start soon.

Further works are being drawn up to provide up to 2,000m³ storage on fields to the rear of Millfield School, Thornton. It is hoped to integrate an education centre with this scheme for teaching school children on the benefits of NFM.

Leaky dams are to be installed on Hillylaid Pool close to the intersection of Horse Bridge Dyke following inspection with Thornton FLAG and local residents.

This winter WRT has planted 15,000 trees across the Wyre Catchment area – this is approximately 7 hectares and WRT are looking to install this number every year. The WRT is planning to install around 39 hectares of woodland in the next three to four years.

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

Questions to Wyre Rivers Trust

PJ asked when the leaky dams on Hillylaid Pool were likely to be installed. TM replied that funding had yet to be sourced for the works but it is expected that the works would be completed this winter, subject to an EA permit and consent from the land owner.

RBr said that many local landowners were sceptical about the benefits of NFM and he asked how tax payers could be sure that their investment is value for money. TM replied that initial scepticism on the works undertaken on the Abbeystead Estate had been overcome by the success of the scheme in reducing flooding on the estate.

RB asked on the progress of flood management works to Sunnyside Terrace, Preesall. TM confirmed that the topographical survey had been completed and the data received and he is starting work on drawing up a proposal for the site. RB asked if funding is available and whether the landowner is on board; TM confirmed that funding was not in place but this was not expected to be an issue and LCC had money available. PO asked whether TM had a ball park figure for these works; TM confirmed that his costs are covered, so the majority of the cost would be for earth movement – he expected this to be no more than a few thousand pounds.

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.

Natural England

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

5. **Making Space For Water technical group**

PL reported that the MSfW Group met (via Teams) on 26 August 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.

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

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

Issues raised by FLAGs at pre Forum meetings are detailed at Appendix 4 and have been added to the Issues and Action log.

Churchtown FLAG

RW noted that most of the issues have been covered already. He reported that the problems faced by Churchtown are gradually being resolved and thanked MO for the work in resolving flooding issues on the Avenue and Ainspool Lane.

He noted that Churchtown is now being affected by “nuisance flooding” around three times a year instead of the more serious surface water flooding previously. Due to the works undertaken by LCC (Highways), he expected the flooding issues at The Avenue / A6 junction and at Ainspool Lane to be significantly reduced.

Work is still needed on the Ainspool watercourse, although recent works have succeeded in delaying when flooding occurs. He added that it would be helpful if surplus water could be held up in Green Wood to reduce the risk of flooding of Ainspool Lane.

The works undertaken by the WRT on NFM upstream of Churchtown are greatly beneficial and appear to be having a positive effect in reducing the risk of flooding downstream of the Garstang Flood Basin.

TM said that it was imperative that funding is made available for the next phase of works on the Ainspool watercourse; he confirmed that costings for the scheme have been drawn up from the Lancashire bid from the Flood Resilience pot. CG added that he would look to push this via the Regional Flood and Coastal Committee (RFCC) as it is an important part of the bid.

Cleveleys FLAG

DW said that the summer to date had been largely uneventful. Through June/July/August the threat from tidal flooding is none existent. On the afternoon of the 4 July over an inch of rain fell in under an hour; fortunately the drainage system were able to cope with the rainfall and no flooding was reported. The FLAG’s focus is on the astronomical high tides in November, which could be problematic if coupled with poor weather conditions.

Garstang FLAG

RBr reported that planning permission has been granted for a significant number of properties along the A6, most of which discharge surface water to the Ainspool watercourse. He considered that the additional surface water run-off from these properties would have a significant effect on the watercourse

and on Churchtown. He welcomed the news that additional storage upstream of Churchtown is being considered to reduce the flow in the Ainspool.

RBr reiterated the report from the EA that works to repair the east gate ram on the Garstang flood barrier, and looked forward to it being fully operational.

Great Eccleston FLAG

No representative was available from the FLAG. PL confirmed that he and PW had undertaken a recent inspection of the surface water drainage system close to the junction of Lancaster Road and the A586 following recent flooding. He confirmed that the watercourse on the western side of the pumping station access road had been cleared by local landowners, but the east side remained overgrown. He reported that the inspection chamber lids had been lifted on Lancaster Road and water levels had dropped to normal low levels.

Hambleton & Stalmine FLAGS

MF noted that in 2012 there had been extensive flooding in Hambleton, including flooding of the properties The Coppins and Birkrigg on Carr Lane. Since that time several works have been undertaken to try and resolve this flooding, but the problems still persist. He asked that something is done to resolve this matter once and for all.

PL replied that the MSfW Group was looking to resolve a significant number of flooding related issues in the village (including Carr Lane) and that works are planned to clean a significant number of drains (many of which are privately owned and maintained) to ease flooding in the whole of the village.

RBr asked whether the Authorities looked back at previous decisions (particularly planning) to determine whether or not those decisions were correct or not. PL replied that decisions are made based on the available information and following guidance and legislation. CG added that there have a number of changes to drainage planning, including the use of SuDS and NFM, which have improved drainage in the last few years.

PL informed the Forum that he had recently spoken with Wyre's Head of Planning on proposals to include SuDS in all schemes – the current policy HP9 is currently being updated to include SuDS provision.

Out Rawcliffe FLAG

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

Preesall FLAG

LR expressed the FLAG's thanks for the recent works around Sunnyside Terrace – she noted that the prompt response from the Authorities was reassuring and hoped that the works to be undertaken on Preesall Hill would prove successful.

LR informed the Forum that the Fire Service were now attending the FLAG meetings and were keen to be part of the response procedures.

PL noted that LCC are looking at allowing residents to close the roads drawing a flooding event and re proposing to provide training and equipment to the FLAG to allow this to be done. Further details would be sent to the FLAG as the proposals developed.

PO confirmed that, while the FLAG has been focussing on flooding on Sunnyside Terrace, it was expanding its interests to include Pilling Lane, Meadow Ave., Rosslyn Ave and others.

PO asked for a site visit to view the watercourse behind 149 Pilling Lane and Sandy Bay caravan site. PL to arrange a meeting with PO. **Action - PL**

Stalmine FLAG

JW said that the only issue of any concern was the alleged foul flooding from Linley Grange site – this had been addressed earlier.

PO asked if anything was being planned for the flooding on Carr End Lane – he was concerned that the proposed development on Carr End Lane would increase the likelihood of flooding. PL noted that much of the flooding was from a lack of cleaning of the screen when it discharges from the fields into the 300mm culvert. PO proposed that this could be cleaned through the Parish Council; he would speak with the Clerk on this matter.

Thornton FLAG

PJ said that all questions had been answered during the meeting.

PJ noted that he had been made aware that the pump no.1 on New Lane was broken. PL confirmed that he had undertaken a routine inspection of the pumping station on the previous day and reported that the pump had been left switched on and was running dry. The pump was not broken but PL had raised a concern that the pump may have been damaged through running without any water; he would be looking into this. **Action - PL**

PO asked whether the culvert under the A585 at New Lane had ever been cleared. PL confirmed that it had been cleared approximately three years ago but Highways England have planned to clear it and the culvert off White Carr Lane by the end of September.

PO asked whether any one at Wyre was keeping an eye on the Highways England scheme on Main Drain. CG noted that the works were within Fylde but that he was seeking a meeting with HE as the works affect Wyre.

7. Communications

No report was submitted.

8. Issues and actions update

The updated Issues & Actions list is attached at Appendix 3

9. Any other business

TM to arrange a site visit to Abbeystead Estate. Details to follow.

CG suggested that the Forum could visit the National Green Infrastructure at Newcastle University to look at examples of SuDS techniques.

Link [National Green Infrastructure Facility | UKCRIC](#)

RB asked if the Thornton FLAG could visit Hawley Gardens to get the clearing works on the watercourse and pond. PL and PJ confirmed that this has been reported to POS Landcare but nothing had been undertaken. PL to raise this again with POS Landcare. **Action - PL**

10. **Next meeting**
9 December 2021, 1pm start. Details to follow.

Appendix 1

Pre-meeting report from Environment Agency (September 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 June 2021 from the Environment Agency

Flood Basin training dates

Garstang Flood Basin Training dates from June to August 2021:

08/06/2021

07/07/2021

25/08/2021- West gate only as the East gate is currently isolated for works (see further update provided below).

Catterall Flood Basin Training dates from June to August 2021:

08/06/2021

07/07/2021

19/08/2021

Highgate Park dates from June to August 2021:

30/06/2021

29/07/2021

26/08/2021

Maintenance Work

The annual maintenance programme is continuing for this financial year, although slightly behind schedule due to repeated machinery breakdowns earlier in the summer.

The relining works to the Garstang Green Lane culvert, running from Green Lane West downstream to Wyre Lane, have been completed. The West Gate ram at Garstang basin has been successfully replaced and is now fully operational. The East Gate is currently being worked on after a faulty valve was noticed during an oil change and this will be repaired shortly.

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. We will provide regular updates on the progress of this programme of work.

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.

We will shortly be engaging with the community on the proposed finishes for the scheme. 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.

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/>

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) – and are on track to submit for approval in October this year.

The cost of the scheme is anticipated to be in the region of £6M to £7M but this understanding will change during the development of the Full Business Case. 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). Wyre Council's Future High Streets Funding bid was unsuccessful but we are still committed to look for other partnership funding opportunities and continue to work with our partners to develop a scheme that can maximise future ambitions of the site (we are now supporting Wyre's Levelling Up Funding Bid). 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. After approval of the OBC, we will begin communicating the flood risk to the community and intend to hold drop-in style events (or other as COVID restrictions allow) in order to gauge local reaction to the plans as we develop them. We expect to carry out these events with support from Wyre Council and ABP. We would normally have engaged during the OBC stage but in this instance this would have been unwise as the type of scheme we develop will depend on the success of the Levelling Up funding bid. That is expected to be announced in the autumn.

Our current programme suggests construction would start in late 2022 and be completed in late 2023. Although we will revise this as we work through the appraisal process and look for efficiencies and potential to speed up delivery with our partners.

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 26 August 2021 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
Phil Wylie (PW)	United Utilities (UU)
Chun Teh (CT)	United Utilities
Brian Birkett (BB)	Lancashire County Council (Flood Risk Management)
Mark O'Donnell (MO)	Lancashire County Council (Highways)

Apologies

Christine Hamilton	Environment Agency
Kevin Kellett	Lancashire County Council (Flood Risk Management)
Tom Myerscough (TM)	Wyre Rivers Trust (WRT)

1. Introductions

PL welcomed everyone to the meeting. GK introduced MM to the meeting; she will be working on flooding issues within Wyre for the EA.

2. apologies

Apologies were noted as above.

3. Minutes of previous meeting

The minutes of the meeting of 27 May 2021 were agreed.

Matters arising

GK confirmed that the EA maintenance team have completed works to the watercourse on White Carr Lane; this included all works within the channel and on the banks. He added that there is a section between the bank of the watercourse and the highway that needs some maintenance, but this would be the responsibility of LCC (Highways) – he noted that there is a lot of vegetation and a row of trees alongside the highway and the recent addition of roadside bollards made vehicle access to this section difficult. LCC to undertake works to clear. Action - LCC (Highways)

PL reported that he had received a request from Highways England (HE) re the clearing of the culverts under the A585 Amounderness Way at White Carr Lane and New Lane. GK confirmed that the EA had received an application from HE for consent to undertake these works; he thought that the works could be exempted from licencing, but confirmed that this is being processed. HE confirm that the works are planned to be completed by the end of September.

PL confirmed that, while Wain Homes had been shown to be the owner of the land behind Sefton Ave, Poulton, no contact had been made with them with regard to the flooding. WC and LCC to arrange site meeting with Wain Homes 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, Hambleton 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:

PL confirmed that he had spoken with TM the previous day and confirmed that the topographical survey of Preesall Hill has been completed but the drawings have yet to be received. Once TM has these he will be able to draw up proposals for drainage improvements upstream of Sunnyside Terrace.

MO said that LCC are looking to connect some of the drainage from the Hill to the watercourse behind the properties on Sandy Lane. He confirmed that there is an existing 150mm pipe under the road which is proposed to provide an alternate route for surface water to discharge; he added that this pipe has been recently cleared and confirmed working.

It was agreed that the Sunnyside Terrace sub-group would meet the following week to discuss this with TM. PL to arrange. **Action - MO, TM, PL**

Flooded gardens/ cross contamination issues were raised about Coniston Ave. Issues have been raised with UU. PW noted that the outfall from this area discharge to the sea through a tidal flap; the flap is now buried under the rising sand levels and not discharging properly. He added that this issue is being dealt with by UU but did not consider that a resolution would be found in the near future.

Action - UU

The FLAG had asked if the Acco drain and highway gullies at the junction of Sunnyside Terrace and Sandy Lane could be cleared – they appear to be blocked. PL reported that, to date, only half of this had been completed. LCC to complete. **Action - LCC**

New issues - meeting 16 August 2021

Watercourse behind Rosslyn Crescent is in poor condition and needs clearing. PL confirmed that Willowgrove caravan park had undertaken clearing works previously; he also noted that they have recently undertaken works to the tree overhanging the watercourse. PL to contact the caravan site to arrange for works to be undertaken. **Action – PL**

MO confirmed that the culvert under Burned House Lane has been inspected and found to be in good condition. It was agreed that inspection of the watercourse downstream of the culvert would be undertaken to ensure the flow is maintained. **Action - LCC**

MO reported that highway improvement works had been undertaken on Cart Gate. He added that the plans to adjust the camber of the road at the intersection of Green Lane and Sunnyside Terrace to help divert water toward the watercourse, had been abandoned as local ground levels did not permit this. Instead he had installed an additional pipe at the bottom of Cart Gate to improve local drainage; in addition works are to be undertaken to clean and clear roots within the existing culvert.

The FLAG have asked whether it was known whether the lakes on Park Lane (adjacent to the old railway bridge) flowed to the east or west. If, as suspected they discharge to the watercourse on the west side of the road, then maintenance may be required to ensure the flow. GW noted that the

watercourses was not Main River so the EA would not normally maintain it. He agreed to have someone check it out.

Action - EA

Hambleton & Stalmine

Matters arising from last meeting:

The local drainage culvert from the former Police Station on Broadpool Lane has been surveyed and works identified – MD confirmed that no works have been undertaken to date – works are expected to start by the end of September.

PL noted that the FLAG had raised concerns about the highway drainage pipe in the field opposite Queensland. This pipe had not been included in the survey and the FLAG have asked that it be checked as part of any works in this area. MD confirmed that LCC will survey the pipe and undertake repair works as necessary. **Action - LCC**

The issue of foul discharging from the culverted watercourse at Rydal Road was discussed. GK confirmed that the EA are aware of foul in the system. PW asked whether the volumes of foul discharging were known; he added that there is an overflow from Sherbourne Road pumping station shown on UU's plans, although he understood that this is no longer connected. He was also aware that it is thought that there may be an unplotted overflow from the combined foul system entering this culvert. UU to investigate further. **Action - UU**

With reference to the clearing of the watercourse on Marsh Lane, close to the junction with Sandy Lane, PL confirmed that this had been inspected during the walkover on 21 June. While the watercourse would benefit from clearing to improve flow, it was not critical. GK confirmed that, while the watercourse was classified as Main River, the EA did not undertake any maintenance of it. He added that the landowner would need to undertake works to clear it. **Action - EA**

Stalmine FLAG asked that LCC look at the junction of Highgate Lane and Staynall Lane. MO replied that works are expected to be undertaken here by the end of September. He planned to have further information available for the Flood Forum. **Action - MO**

Update on the request by the FLAG for information on the layout of the foul pumping station on Kiln Lane, including invert levels of discharge to Wardleys Creek. PW confirmed that this is being dealt with by others at UU and they will liaise direct with the FLAG. **Action - UU**

MO confirmed that money is available to resolve flooding issues on Wardleys Lane – he noted that additional highway drainage is to be included in the new river defences being planned by the EA.

New issues raised - meeting 18 August 2021

The FLAG have provided a report for discussion which includes a large number of questions on specific issues in Hambleton. As several of the questions require detailed answers, it was agreed that individual authorities would respond to these and answers collated and passed back to the FLAG when received.

PW noted that he was confident that the installation of the flow meters in the UU system would help to identify the source of many of the flooding issues in Hambleton. He expects that useful data will not be available until March 2022. In the meantime it is hoped that recent works (particularly on Kiln Lane) would have a positive effect on flooding issues; it was conceded that this could only be confirmed during heavy rainfall.

Churchtown

Matters arising from last meeting

The FLAG have confirmed that most issues have been resolved by LCC (Highways) including the installation of new drainage at the junction of The Avenue and the A6 and at Ainspool Lane. It is hoped that the works will greatly improve the flood resilience of the local drainage systems.

MD noted that there is concern that the flap valve on the outfall into the Ainspool. GK noted that this has been reported but no issue has been found. He agreed to have this checked again. **Action - EA**

New issues - meeting 18 August 2021

None raised

Thornton

Matters arising from last meeting

The FLAG have asked for an update on whether the gully at the junction of Bourne Road and Fleetwood Road North has been repaired yet. MO said that works have yet to be done; he would push the team to get this done as soon as possible. **Action - MO**

Have ENWL have been contacted about the culvert under their concrete apron Stanah area, and if they have undertaken any work to clear their culvert? PL confirmed that he had spoken to Dalcour Maclaren, who maintain the site for National Grid - they have lifted manhole covers and visually checked the drainage system and found no issues; they intend to CCTV the system to get a fuller picture of its condition. PL added that if there was no problem on the site then the next section of culvert from the site to Hillylaid Pool by Stanah pumping station would need to be checked.

MO agreed to have the section downstream of the site checked. He asked PL to send a plan showing the suspected route of the watercourse. **Action - PL, MO**

The two properties on Fleetwood Road North, north of Springfield Drive, Thornton have no freeboard on their dropped kerbs and suffer regular flooding off the highway. MO agreed to look at the possibility of raising the kerb to reduce the risk of flooding from the highway and from wash from passing cars.

Action - LCC

There is continual road flooding at the junction with Bourne Road - the FLAG have asked that LCC clear the two drains in this area (even though they are private drains). MO to look at this.

Action - LCC

The culvert under Fleetwood Rd North which feeds the tributary of Springfield Dyke south of the Iron Horse is blocked. We have dyed it and no flow was obvious. Could you ask Mark if and when he is going to clear this culvert please? MD asked PL to send plan of culvert. **Action - PL, LCC**

Moving onto Hawley Gardens the area is worse than ever. I know this is not your responsibility so I'm not sure what can be done but I believe that as existing areas of North Thornton drain through this system there should be a responsibility on LCC as Lead flood Authority to get something done.

The pond area in our opinion is patently dangerous for children. It would be impossible to see a child in distress in the long bulrushes. The lifebuoys are not easily seen or accessed. Once again there will be photos taken in 2015 and 2020 and the neglect obvious. Surely there should be some overarching responsibility on the Environment Agency or LCC. Clearly something has gone wrong in this area and

it needs fuller discussion when the Flood Forum can once again meet in person. This is why in our opinion riparian responsibilities should lie with the proper agencies and not with some subcontracted company with no standards to work to.

PL to raise the issue again with POS Landcare. **Action - PL**

We 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 in the next couple of weeks. He said that this would be installed at the earliest opportunity, but noted that the Field Team are currently behind on their works programme so it could be a few weeks before it is installed. **Action - EA**

Could you also check with Tom Myerscough of the Rivers Trust regarding when the leaky dams are to be fitted on Peter Holts land. Richard Green keeps sending me pictures of the broken dam and I tell him that the leaky dams are to replace the existing structure which is clearly useless. No update was provided. **Action - TM**

Marsh Road / Church Road sewers - can UU provide an update on drainage works? PW confirmed that no action has yet been taken on this issue. UU have no idea where the surface water in this area discharges and there is no connection to either Royles Brook School or the local watercourse network. There are other issues downstream, including flooding to the school – UU will look into this matter, but nothing is imminent. **Action - UU**

Tesco car park, Marsh Mill, regularly floods – can EA check that culvert is running free? PL confirmed that he spoken to someone at Tesco who confirmed that they had employed a drainage company to check and clear their car park drains. GK confirmed that the culvert was last surveyed about a year ago and found to be in good condition.

New issues raised

The FLAG asked about arranging a visit to the new wetland schemes at Hillylaid and on the new development off White Carr Lane. This to be raised with TM to arrange visit.

St.Michaels

Matters arising from last meeting

Unknown persons have put in a clough on Humblescough Brook watercourse under the road leading to the quarry. EA claim not to have installed this. Can EA investigate it? GK confirmed that he is aware of this issue and will be investigating. **Action - EA**

PW confirmed that UU were continuing to work with the FLAG on issues relating to the discharge of foul sewage from the Gt Ecclestone – Churchtown sewer on Rawcliffe Road. This is being dealt with at a higher level as a major investigation.

New issues:

Concerns were raised about the bank erosion on the north bank of the River Wyre upstream of the village. EA to investigate. Action - EA

Great Ecclestone

Matters arising from last meeting

Whites Bridge - concern about flooding of A586 and the potential for a vehicle accident when hitting floodwater, particularly at night. The FLAG asked that LCC consider improved signage to warn drivers in advance of floodwater. GK confirmed that the EA have surveyed the right side of the watercourse and were investigating options alongside the flooding to Moss Side Lane. **Action - LCC / EA**

Flooding to Lancaster Road and Raikes Road - regular flooding at junction with A586. While works have been undertaken to improve the drainage on the north side of the A586, further works, including to the pipe that outfalls to the need undertaking. PL confirmed that he and PW had checked the system and confirmed that it was much improved and water levels in the manholes on Lancaster Road were back to normal. There remains potential for additional works to the watercourse on the east side of the lane, which will be investigated. **Action - WBC / UU**

New issues

None raised

Pilling

Matters arising from last meeting

None raised

New issues

None raised

Out Rawcliffe

Matters arising from last meeting

Road flooded, Bodkin Lane. MO confirmed that works have been completed. **Action - LCC**

Dry Bread Lane, matters being managed by Mark O'Donnell. MO confirmed that works have been completed. **Action - LCC**

Road flooded on riverside road Out Rawcliffe, at the bottom of the hill just past Town End, possibly a drain needs clearing, but water is normally across the road. MO confirmed that this had now been cleared and running well. **Action - LCC**

New issues

None raised

5. Issues and actions update

The updated Issues & Actions list is attached as Appendix 1

New issues from last meeting

Item 21/08 – “CG reported that Cllr Clempson has raised an issue of foul flooding to Bluebrook Ave., Hambleton. It is unclear whether this is due to improper connection of the foul system or a capacity issue. Investigation of foul drainage is being undertaken by UU.”

GK confirmed that he had contacted the developer and asked them to clear their section of watercourse; he was awaiting a response.

PW confirmed that UU are dealing with foul drainage capacity issues for the whole of the network, there was no evidence that the pipes had been incorrectly connected.

CG reported that he received a report of damage to a bridge over Horsebridge Dyke watercourse on The Oaks, Poulton. It is unclear who is responsible for maintenance of the bridge.

GK confirmed that the footbridge is not an EA asset. It is not known who owns it, but assumed that it was installed by the estate developer as part of the scheme. It is unclear who would be responsible for its continued maintenance.

6. **New issues**

None raised

7. **Hambleton and Preesall walkovers**

PL confirmed that the walkover inspections of Preesall (3 June) and Hambleton (21 June) had been undertaken and were well attended by all agencies, Councillors and FLAG members, allowing them to see first-hand local issues.

8. **Any other business**

PL asked whether the EA had cleared the debris from the confluence of Royles Brook watercourse and the watercourse from Anchorsholme Lane East during their last maintenance work. GK replied that the contractor had been instructed to clear this as part of the works, but confirmed that this had not yet been checked to ensure that it had. **Action - EA**

GK confirmed that the EA has cleared the section of Royles Brook watercourse on White Carr Lane. He noted that some clearing of vegetation adjacent to the road was required. MD to look into this. **Action - LCC**

PL reported that Thornton FLAG had undertaken a recent inspection of Royles Brook watercourse. While most of it was found to be in good order, they had reported several issues where residents had thrown garden waste and general rubbish into the watercourse. GK confirmed that he had received the report and the blockages would be removed.

GK reported that the hydraulic ram on the west gate of Garstang flood basin has been replaced. He added that contractors had noted a leak on the ram on the east gate – as such the gate has been fully raised until it can be fixed. It is expected that repair works will be undertaken in the coming week.

9. **Next meeting**

25 November 2021, 10am start. Details to follow.

Wyre Council Flood Forum – issues & actions log

New / Urgent issue

Ongoing issue

Completed issue

Updated text in red

Appendix 3

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
17/02	Churchtown walkover – walkover with Churchtown FLAG to identify all issues the FLAG have.	EA attending to map areas of concern for the community	Churchtown	EA				Closed – 10/05/2017	G
17/04	Direct correspondence 26/04/2017 - letter from member of FLAG regarding flooding issues at Ainspool	The letter primarily refers to surcharging drains on Ainspool Lane. No known update from Lancashire County Council on whether the issue is being addressed.	Churchtown	LCC				Letter sent 19/5/17	G
17/05	Natural Flood Management application	EA attended a meeting with Churchtown FLAG on 26/04/2017. Agreed that a direct application would not be supported. However, Wyre Rivers Trust have agreed to include Ainspool on their application, which would mean opportunities mapping at Ainspool. 05/12/18 - Updated 'involving' column to include Wyre Rivers Trust & FLAG and re-opened. Update from Wyre Rivers Trust awaited	Churchtown	EA	WRT / FLAG /UU		UPDATED 27/02/20	Complete. Wyre Rivers Trust - Feasibility study now completed -additional funding is required for next phase. Wyre Rivers Trust are now looking for funding. WRT have installed 100 leaky dams and 3km of fencing on Smithy Beck on Abbeystead Estate. Additional works are planned for 2020/21. WRT also to look at works on the Ainspool. Funds have been raised by Churchtown FLAG.	G
17/06	EA Sandbox visit - invited FLAG to watch a demonstration of new sandbox technology from JBA consultant	Cancelled due to purdah	Churchtown	EA				Closed - 09/05/2017	G
17/08	Churchtown pumping plan	Draft plan has been drawn up and discussed with partners. Pump locations agreed and main discharge points agreed. Additional discharge point to field adjacent Ainspool to be discussed with landowner.	Churchtown	WBC				Closed	G
17/09	Potential works adjacent to the River Wyre near Kirkland Bridge	Topographical survey now complete and has been sent to landowner via Wyre Borough Council.	Churchtown	EA	WBC			Complete	G
17/10	Structural investigations of Ainspool banks	Ground investigation works at Ainspool will investigate the possibility of porous material under the banks. Report due by end of 2018?	Churchtown	EA				Ongoing	G
17/11	Unpermitted embankment	EA Warning Letter issued	Churchtown	EA				Complete	G
17/12	Natural Flood Management Project updates	Added to EA WFF Pre-meeting reports and presentations to WFF at key points.	Churchtown	EA				Closed	G
17/13	Topping up low spots, River Wyre	Works programmed to top up three low spots on the River Wyre at Churchtown. Provide update to group	Churchtown	EA				Complete	G

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
17/14	Kirkland Bridge Environmental Permit	Issued	Churchtown	EA				Complete	G
17/15	Request for Funding for FLAG proposal	4 Oct 17 EA received a phone call from member of FLAG asking whether any funding contribution would be available to assist with a FLAG proposal to construct a bund upstream of Kirkland Bridge. 21 Feb 19 EA to vary permit and put notice onto property deeds regarding future maintenance.	Churchtown	EA	WBC	W17	25/08/17	Completed	G
18/11	Request for EA or multiple agency lecture on the different pathways to possible funding.	EA to suggest Wyre Flood Forum presentation with follow up section on TheFloodHub.co.uk	Churchtown	EA	WRT / NE		UPDATED 27/02/20	Complete. Presentation to Flood Forum proposed - no date yet planned. Presentation given at Wyre Flood Forum Dec 2019	G
18/17	Potential to talk about DIY bund at National Conference	Churchtown FLAG made suggestion to EA nationally for Telford event (18-20 June 2019?) Call for content and speakers now open http://floodandcoast.com/ Action of FLAG to contact event organisers	Churchtown	FLAG			UPDATED 05/09/19	Closed	G
18/18	Kepple Lane development	Walkover planned with FLAG for 23 November to discuss concerns	Churchtown	EA			UPDATED 27/02/20	Complete. EA have inspected development with FLAG. UU to check tanks - can they be adopted by UU? Requires Developer to request adoption by UU. FLAG to approach Developer UU S104 adoption in place	G
18/19	Abbeystead Estate Visit - Joint visit with EA / Churchtown FLAG to Abbeystead Estate	Planned for 6th December 2018	Churchtown	EA			UPDATED 05/09/19	Completed. Query whether other Forum members wish to visit.	G
18/20	Portable Flood Defences - Request for any RMA comments in relation to portable defences	CRMAs to provide comments including whether their organisation considered use in Churchtown, links to product information, any other relevant comments on storage /deployment etc.	Churchtown	EA				Closed	G
18/21	Funding for Pumps - Would the EA (or others) look into buying equipment to pump water over roads in Churchtown (or other places) threatened with flooding?	Response via the Wyre MSfWG Update 21/02/19 - EA have a number of pumps in their Sale depot although these are prioritised for EA assets WBC have two high volume pumps.	Churchtown	EA	All		UPDATED 06/06/19	Complete. Wyre Council has pumping plans for Churchtown and Sunnyside Terrace	G
18/22	Facebook Article re Combined Sewers and blocking off of CSOs to improve water quality	EA response requested to email dated 08/12/18	Churchtown	EA				Closed	G
18/23	Potential for funding for Landscaping / resilience on triangular piece of land where sandbags are stored (downstream / east of A586 - grid ref required)	EA / RMA advice sought on any requirements / permits etc. Update 21/02/19 - discussed at MSfW, little benefit seen.	Churchtown	All				Closed	G
18/36	Flooding is possible query - can we change threshold?	Email 04/12/17 from FLAG "It was noted that the monitoring station on the River Brock at Roe Bridge frequently shows levels above the line	Churchtown				UPDATED 17/01/18	Closed :- "In the absence of any FAL's or FW thresholds 1.5m is good enough I	G

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
		saying minor flooding is possible. I think you said that the threshold of some of the monitoring stations was subject to review and I wondered whether this is such a station and whether the current threshold may be causing some unnecessary concern if it is indeed too low. Please would someone investigate this and let me know what I can report back to our FLAG members?"						guess so I will change the FIP to this." EA 040118	
19/31	What is the EA planned maintenance for the Ainspool downstream of road bridge	EA response: Scheduled for a cut in June and another cut in September.	Churchtown	EA		F6-F7	UPDATED 06/06/19	Completed	G
19/32	Solar panels for telemetry at Kirkland Bridge were shaded by tree cover. Will this affect performance?	EA response: There is also a 2 month battery supplied and these will be monitored and changed where required to ensure resilience of the monitoring.	Churchtown	EA		O6	UPDATED 06/06/19	Completed	G
19/33	Could a staff gauge (red and white staff) be placed on near telemetry as a visual marker of depth?	EA to update FLAG	Churchtown	EA		O6	UPDATED 05/09/19	Completed.	G
19/34	On the path at the back of the church, that leads to the bridge over the river (Around grid ref H10) there is a wire fence protecting the bund where the original path was. Alternative path is slippery. Could metal webbing be placed on the bund to protect it from prior to fencing being removed	EA to update FLAG	Churchtown	EA		H10	UPDATED 28/11/19	Ongoing. EA to remove fencing. Fencing has been removed.	G
19/01	Kirkland Bridge telemetry	new site online. EA going on site in December 2018 to carry out survey to check to ensure levels are correct Plans to make the site permanent at start of 2019 as covered by Permitted Development Update 21/02/19 - Permanent site by summer 2019	Churchtown	EA			UPDATED 05/09/19	Completed. Telemetry now in place. Permanent status yet to be confirmed.	G
19/35	Gubberford Lane, Garstang 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	A

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								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.	
19/24	St Michaels FLAG and possibly other WFF members would like to have a guided visit to the Great Eccleston pumping station 52544 and the Churchtown sewage works.	UU to liaise with FLAG to arrange visit	Great Eccleston	UU			UPDATED 05/09/19	Site visit undertaken July 2019	G
19/37	Back Lane - new development.	LCC / WBC to investigate local drainage to determine how site will discharge surface water.	Great Eccleston	WBC	LCC		22/08/19 UPDATED 28/11/19	WBC / LCC are objecting to surface water discharging to combined sewer. Require Developer to follow SuDS hierarchy for discharging surface water. WBC / LCC to undertake local survey to find alternative discharge point. Revised drainage layout agreed with Developer that removes surface water from foul sewer.	G
19/38	Copp Lane - new development.	WBC asked EA to undertake checks on York Drive pumping station.	Great Eccleston	WBC	LCC / EA		22/08/19 UPDATED 28/11/19	EA to check pumping station on York Drive. Station has been checked - all OK	G
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	A

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								cover levels to that of the outfall) when the Wyre is high and the outfall closed.	
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		18/02/2021		A
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

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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. Additional survey of highway drainage has noted issues with gullies adjacent The Shovels. LCC to resolve issues	A
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	A

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								UU have cleaned surface water pipes but report that watercourse requires desilting. EA to look into.	
21/08	Bluebrook Ave. Foul flooding during heavy rainfall events	UU to investigate	Hambleton	UU			27/05/2021	New issue	A
19/10	Derby Crescent, Inskip - Surface water flooding to residential street. Foul and surface water misconnections in local drainage leading to foul in street		Inskip	LCC			20/02/2019	Carried over from MSfW Hot Spots Completed UU have inspected and report misconnection of highway drainage and local residential property. LCC to fix connection issues; UU to contact resident to resolve misconnection. Resident has been advised and will undertake misconnection works. LCC to resolve misconnection of highway drainage	G
21/03	Flooding to property on Sunningdale Place, Inskip PR4 0UB	UU to investigate and report to Flood Forum	Inskip	UU			UPDATED 10/06/2021	UU investigating the inundation of the foul sewer network by surface water. The investigations undertaken identified a cross connection upstream of the pumping station. This has now been removed subsequently reducing the amount of surface water entering the foul system. UU have also installed mitigation on a property adjacent to the station to reduce the risk of flooding. Further investigations have been put on hold for now whilst UU monitor the effects of the recent findings and mitigation works undertaken. UU to continue to monitor.	G
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

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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
19/12	Normoss Road, Normoss - Flooding to residential property from surface water sewer.	LCC to inspect culverted watercourse under Normoss Road for blockages.	Poulton	UU / LCC			UPDATED 27/02/20	Carried over from MSfW Hot Spots. Ongoing UU has inspected assets and found no problem. Will monitor for any reoccurrence. LCC yet to inspect culvert. No further flooding noted.	G
20/04	Longhouse Lane / Hardhorn Road - flooding on junction at bottom of hill.	LCC to investigate	Poulton	LCC			NEW 27/02/20	LCC have cleaned watercourse - works completed	G
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: 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
18/48	Cartgate / Sunnyside dyke clearance	According to FLAG EA had undertaken to clean out these dykes in 2018 but had not yet done so. Update requested	Preesall	EA	LCC		14/05/18	Complete: Update 21 May 2018 - Half of tree removed from Cart Gate by EA. Routine maintenance carried out in Nov 2017. LCC applying for permit for de-silt - this will not be carried by EA but highways. EA to carry on routine maintenance.	G
18/49	(Preesall) Cocker's Dyke Pumping Station	Site visit requested by Cllr Orme with EA to discuss pumping station "on three occasions the pumps... had not worked satisfactorily and needed to be upgraded" Formal response requested - 6 inch pump was also brought to site in November 2017. Site meeting via Dave Booth / Nikki to lead / attend if possible. Update 21 May 2018 - EA can organise site visit for Cllr Orme and rep from FLAG if required. Cllr Orme to provide EA with couple of dates so EA can request MEICA attendance.	Preesall	EA			UPDATED 27/02/20	Ongoing. Nikki Beale (EA) to discuss with Cllr Orme to confirm dates available. Cllr Orme to arrange meeting date.	G

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		Update 21/02/19 - EA will arrange for Cockers Dyke pumping station with Cllr Orme for May/June 2019							
18/59	Can EA carry out maintenance work on an ordinary watercourse if in the area if only a few hours work? This would be on a watercourse outfalling to Wheelfoot	EA only have a budget to maintain Main Rivers and cannot carry out works on Ordinary Watercourses. Works are planned and submitted in advance and often EA contractors are involved. It is therefore not possible to do any additional works on an ordinary watercourse - this would be down to the riparian landowner to carry out.	Preesall	EA				Complete 23/07/18	G
18/60	Cllr Orme asked if there was any reason as to why no maintenance (dredging) appears to have been carried out on Hackensall tidal outfall recently but it has to a nearby outfall	Update to be provided by Asset Performance Update 28/02/19 - The EA carry out dredging of the outfalls only when necessary and when funding / permission allow. They aim to flush silt away rather than dredge where possible. Some works may already have been carried out at this location as part of the EA tidal outfall improvement works	Preesall	EA			UPDATED 06/06/19	Completed. EA surveyed full length of Grange Pool watercourse - no major issues reported; no issues with tidal flap reported.	G
18/61	Site Walkover requested with RMAs planned for 24 July 2018	RMAs to attend 2 walkovers with Preesall Flag and provide notes on issues Part 1 Complete 30 May 2018 Part 2 Complete 24 July 2018 Outstanding notes to be agreed with FLAG	Preesall	All	WBC / FLAG		UPDATED 21/02/19	Closed	G
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.	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. 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.	A

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								LCC to undertake topographical survey of Preesall Hill to allow revised drainage plan to be drawn up by WRT.	
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: 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. 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	A
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: 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.	Undertake preliminary investigations Undertake appraisal to identify possible actions	Preesall	LCC	WBC / EA		UPDATED 27/02/20	Carried over from MSfW Hot Spots. Ongoing 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	A

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	Investigate if there is a blockage in the culvert.							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. 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.	
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
17/01	EA Sandbox visit - invited FLAG to watch a demonstration of new sandbox technology from JBA consultant	Cancelled due to pre-election period following advice from C&E	St Michaels					Closed - 08/05/2017	G
17/03	Leaking flood gate at Catterall basin (near the footbridge)	Contractors have visited the site but no definitive timescale has been set. EA to follow up. Update - Project Manager confirmed that this work has now been complete and email update to St Michaels Group has been sent out to reflect this.	St Michaels					Closed 05/10/17	G
17/07	Tarnacre - requested a meeting with Paul Flintoff and all relevant agencies regarding the flooding issues at Tarnacre, the bunds, the quarrying activities etc.	EA received correspondence via Wyre Borough Council and directly to EA. EA questions have been directed to C&E	St Michaels					Ongoing	G
17/16	Embankment issues - Split in the bank of Wyre on south side downstream from Stockenbridge Farm (email 05/04/2017)	Stockenbridge update for June 17 WFF 1) A gateway on the crest has been reinstated with concrete slab to match the embankment crest level. 09/07/18 Works we had planned to carry out have been carried out.	St Michaels	EA		M17 & 018	UPDATED 17/05/2021	Ongoing 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 -	A

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		<p>No funding has been allocated for any additional works.</p> <p>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.</p> <p>3) Additional location of 018 added following meeting on 16/01/18 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. EA to speak with landowner to discuss works in more detail.</p>						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	
17/17	Embankment issues - Rabbit holes in the south bank of Wyre between the Coppice and Long Meadow at St Michael's (05/04/2017)	Update FLAG on any actions and schedules. If no work planned or monitoring just feed that back. 12/7/18 - Due to be carried out by the end of 2018 05/11/18 - EA confirmed works are complete and machine being removed from site	St Michaels			Q18		Complete	G
17/18	Natural Flood Management Project - Alison Whalley to give a presentation at the next Wyre Flood Forum	AW to give presentation at the June 2017 Wyre Flood Forum.	St Michaels					Complete 29/06/2017	G
18/08	Embankment issues - Rabbit holes on the east bank of the Wyre just upstream from St Michael's Bridge, a few metres upstream of repairs undertaken last year on that stretch of the bank.	Update FLAG on any actions and schedules. If no work planned or monitoring just feed that back. Update 14 Aug 2017 A new set of rabbit holes on the east bank of the Wyre just upstream from St Michaels Bridge, just a few metres upstream of the repairs undertaken last year on that stretch of the bank. 12/7/18 Vermin checks are carried out by field teams and appropriate actions will be taken 05/11/18 - Ad-hoc maintenance repairs carried out by Maintenance Team. EA Asset Inspectors,	St Michaels	EA		T17	UPDATED 17/05/2021	Ongoing. Need clear confirmation about whether the vermin control has been carried out and where – particularly rabbit holes. Parish Council Chair is very concerned about this. EA have found no evidence of rabbits in this areas - can FLAG confirm location. WRT have noted that sheep are causing river bank poaching on the right bank - fencing is required - WRT to investigate funding.	G

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		FLAG and Vermin Control will continue to monitor and highlight areas of concerns. 04/02/19 EA Vermin Officer working on Wyre catchment over the past few weeks, so these should have been looked at and dealt with. EA has limited resource and budget to deal with everything therefore if any larger scale works are required this would fall within the bidding process for 20/21. Also reminder that Riparian Landowners can help the EA out as some of these embankments are within their back gardens.						Vermin checks are carried out along the EA maintained Wyre embankments. Vermin holes on the Old House embankment will be filled as part of the embankment repair works this financial year. Update required. Land owners have been on site and shown EA reps locations - GPS photos taken. Vermin checks have been undertaken through St.Micheals during Dec 2020. Vermin holes near Old House have been filled as part of the recent embankment works. Completed	
18/09	Warrington forecasting centre - requested a visit to forecasting colleagues in the Warrington office	Update from 16/1/18 meeting. Change to WFF Presentation Update 06/02/19 - Book for March or June 2019 if possible	St Michaels	EA			updated 28/11/19	Completed. Presentation to Flood Forum planned for Sept 2019. Warrington presentation can be noted as completed since Sept 19 WFF. A representative of the forecasting group is visiting St Michaels FLAG in late October to discuss how St M FLAG can assist their work. Will also discuss methods of estimation of river flow and capacity in relation to rainfall, ground saturation, pinch points such as bridges etc	G
18/10	River level measurements - inconsistency in quoting water height at Catterall to issue flood warnings (seems not be in AOD)	- The measurements quoted in our manual for the Catterall flood basin are not in AOD, whereas measurements for other gauges on the Wyre are in AOD. This was the way it was set up originally but now we don't tend to use it i.e. this is just a legacy arrangement and there are no immediate plans to change it. However it will be discussed with AP / Field Teams etc. Update 16/01/18 - This has also been flagged up as a recommendation by Wyre BC in that consistency using AOD would make more sense for FAS tele-cons etc - Update 9/7/18 - Understand that there are multiple data feed for this locations and colleagues are looking into this. Any changes will be updated to the Community Group	St Michaels					see 18/55	G
18/24	Basins training dates - requested the dates of training carried out at the basins	- As training dates change EA will propose to send retrospective update at each WFF. (Stored in basin visits folder) - Supply for each WFF	St Michaels					Supply for each WFF	G
18/26	Rivermede embankment - ongoing monitoring of the embankment at residential property	Resident to continue to monitor the embankment	St Michaels			R17	UPDATED 07/06/2021	Ongoing. Knotweed treatment has taken place on the embankment and tree removal work is being scoped. The embankment is judged	A

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								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.	
18/27	A-Z Grid Maps for the Parish	- Map to be updated to cover whole Parish. EA to get approval from FLAG. Once approved these maps will need to go to Wyre BC to be included in the Flood Risk Summary sheet. - EA to upload electronic copy to IM Toolbox with version control. - Additional action to consider adding key features on to the maps in consultation with St Michaels FLAG - v 2.0 complete	St Michaels	EA	WBC			Complete v2.0	G
18/28	Upper and Mid Wyre Review	- St Michaels FLAG strongly against this review being signed off before they have had chance to see the final version and feel that this was requested / agreed at the Wyre Flood Forum. They want a final version circulated to FLAGs and Cllr Berry and EA representation from someone involved with the review at the next Wyre Flood Forum	St Michaels	EA					G
18/29	Snakes & Ladders / Lancaster Uni (C & YP)	- EA to ask National colleagues for an update on this. Actioned on 17 Jan 2018. - 05/11/18 - If online resource becomes available this should be added to TheFloodHub.co.uk - 08/11/18 - Online link http://wp.lancs.ac.uk/cyp-floodrecovery/our-outputs/flood-snakes-and-ladders/	St Michaels	EA			17/01/18	Closed	G
18/30	Maintenance Enquiry Rivermede and Catterall Basin	- FLAG had requested maintenance update. EA confirmed that team was going on site on 29/09/17 and this was fed back to FLAG / resident. EA provided update once works had been completed	St Michaels	EA			Updated 29/09/17	Completed	G

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18/31	St Michaels Walkover	- Offer from St Michaels FLAG for EA to attend a site walkover.	St Michaels				updated 17/01/18	Complete 13/04/18	G
18/32	FSO Questions from October 2017 Site Visits Flood bank defects on the south bank of the Wyre between the church and the Old House – when are these being fixed? Do we monitor New Draught Brook? It responds more quickly now than it did in the past and feeds in to the River Brock. Update 17 Jan 2018	09/07/18 - Understand that EA will be bidding for money for this 12/7/18 - EA aware and will continue to carry out routine maintenance and monitoring and aim to source capital funding for large scale repairs. 05/11/18 - No funding to maintain embankment at New Draught Brook. Need to look at links in with the UMW Project to look at ways to obtain potential funding for large scale repairs of existing structures. 06/02/19 - Added reference to location area "Old House"	St Michaels	EA		U18 & V17	UPDATED 17/05/2021	19 Jan 2018 EA emailed enquirer to confirm this had been added to log. Ongoing. WRT proposing to reinstate flood plain EA to consider reducing flow in Wyre at St.Michaels EA to fill in low spots on river left bank - access is limited and will require small machinery to undertake works EA works are on 2020/21 programme Update required from EA as to when works planned for. Work on low spots completed 19/02/21, we shall return to reseed bank in Spring. Recommend closing action. Completed. EA and FLAG to monitor.	G
18/33	Upper & Mid Wyre Review- follow-up for FLAG	- Email 4/12/17 from FLAG "I believe there will be items to follow up with your colleagues arising from our review of the report and when it is convenient for you please ask them to propose some dates when we can discuss anything which requires resolution." - Update on 17 Jan 2018. Meeting confirmed for 10am Monday 19th February at St Michaels.	St Michaels				updated 17/01/18	Completed 19/02/18	G
18/34	Brock embankment - potential 'trickling' through repaired section	- Email 04/12/17 from FLAG "At our FLAG meeting some members suggested that the repairs made to the Brock Bank following the floods of Dec 2015 may still be "trickling". Apparently the adjacent field has had an unusual amount of standing water in it at times of high river level since then. I am not able to comment on whether the "trickling" theory is correct but I have seen the water in the field." - 12/7/18 - EA to check whether this section was sheet-piled and if so whether it is the field drains that may have damaged - 05/11/18 - Project Manager to investigate this week and report back to FLAG	St Michaels	EA		W18 or X17	updated 28/11/19	Ongoing:- AP/Field team to monitor. This is the first report we have had regarding the site. The field drains for the whole area drain under the floodbank at this point and if the river is high, ponding in the field should be expected. Ongoing - EA to chase this up FLAG is satisfied with this response so could be marked as completed.	G
18/35	Details of EA visual Inspection	- Email 04/12/17 from FLAG "One of our members reported meeting an employee of the EA walking on the river banks during the week before our meeting and was told that he was making a visual inspection of the state of the river banks etc. Would it be possible please to have a note of his observations in relation to our Parish?"	St Michaels				updated 17/01/18	Closed :- This is normal in the lead up to any period of forecast rain. The operative would have been looking for any signs of bank deterioration in the form of vermin damage, livestock damage or slumping of the banks. None was reported at the time	G
18/37	Myerscough College Embankment	- Email 04/12/17 from FLAG "A question was asked about the effect of recent flood banks	St Michaels			A18 - A19	updated 27/02/20	Completed. EA to check whether permit is required or	G

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		installed by Myerscough College on the volatility of the River Brock, which you staff have previously said has increased in recent years. Is it possible to have any comments on this please?" update on 17 Jan 2018 - outside parish boundary but on Paul's phone for reference - 12/07/18 - In theory this shouldn't increase flood risk to properties given the rural location but Asset Performance Team now aware. - 05/11/18 - Agreed that although not an immediate priority this should remain on log to be picked up if and when resources to investigate further are obtained. The unpermitted bund and impacts downstream remain the modelling priority for the group. - Update 28/02/19 - EA Asset management Team to investigate						issued. FLAG comment - There may be two issues here. The first being any bunds installed by Myerscough college as part of their extensions. FLAG is now aware of the location or implications of these. The second issue is a relatively new bund which we believe is unpermitted and Wyre Borough Planning Dept have been asked several months ago to investigate. This bund is near Roe Bridge. Need to add a comment as to whether the EA have discovered whether a permit is required and/or has been issued. - EA, case can be closed	
18/38	UMWR Scoping Meeting Request	- St Michaels FLAG asked for a follow-up meeting to the meeting that took place on the 19th Feb 2018. This is to finalise a 'sign-off' of the review and also to discuss the scope of the next steps - 09/07/18 - David Blake received answer from consultant re do nothing and do minimum potential error - info was correct	St Michaels	EA			19/02/18	Complete - Email sent out on 11 July 2018	G
18/39	Walkover - general comment	- EA to organise someone from Lancashire County Council to call landowner to discuss permissions required to carry out works on an Ordinary Watercourse in St Michaels on land north of the River Wyre.	St Michaels	EA			09/05/18	Complete 09/05/18	G
18/40	Photo 5 from walkover	- TG to find out why the contractor had done this and to challenge the contractor to remedy this. - Update 23 May 2018 - Chipper will be used on site as soon as bird nesting season is complete. - 09/07/18 - Planned to be carried out by EA field team may have been completed - 05/11/18 - Believed to be complete FLAG / EA field teams to confirm prior to closing this	St Michaels	EA			09/05/18	Closed 06/02/19	G
18/41	Low spots - photos 6-8	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 07/06/2021	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	A
18/42	Poaching - photos 12-13	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	St Michaels	EA		V17, T17, Z11, AC18, AD20	UPDATED 17/05/2021	WRT may be able to help with fencing works. We are gathering information on all areas that require fencing and the Environmental	A

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		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.						Management team is contacting landowners. Update required from EA as to when works planned for. EA to advise if completed.	
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 05/11/18 - Update required from project manager	St Michaels	EA		EA repair sites - T17, V17, X17	UPDATED 17/05/2021	Please can FLAG re confirm location. Update from EA required EA will look to re seed when returning to seed recent embankment work at Old House. EA to advise if completed	A
18/44	Debris left on site - photo 19	- At the location of photo 19 there was disappointment at the state in which the contractors had left the site. Both debris and a soil mound had been left clearly visible so EA said they would report this back as well. - 15/5/18 - Project Manager has flagged this up together with the 'defect' of manhole cover sitting proud of the group - 05/11/18 - Project Manager - this manhole cover was level with the ground originally but 'back-flow' scoured land around it. This 'defect' will be investigated again this week during site visit	St Michaels	EA		X18	updated 06/03/20	Not causing flood risk- advise to be closed down.	G
18/45	Slump - Photo 26 (L17)	Photo 26 shows a slump on the right (north) bank, attendees wanted to know whether this is a cause for concerns. 05/11/18 - General comment, if this (or any other) bank deteriorates to such an extent that it could be an immediate flood risk then FLAG / individual should call 0800 80 70 60 (National Incident Hotline). Update 21/02/19 - Nikki Beale to update	St Michaels	EA		L17	UPDATED 17/05/2021	The embankment is piled in this location. Damage was caused during Storm Ciara which we have carried out a temporary repair on. It is being put forward for inclusion in the recovery programme. Further work is programmed to be completed by March 2021 to repair the section of wall. Update from EA required as to when works planned for. Work to repair overtopping point currently forecast to be completed by end of March 2021. Completed	G
18/46	Photo 29 shows the clough and outlet at Hamilton House Farm.	- This feature is not listed as an EA asset. EA to find out where the water is coming from- there is no associated water course and who is the responsible party for maintenance. (It may be connected with the drainage of the east side of the A586 and be the responsibility of LCC Highways) - 09/07/18 - Passed to Highways at Tarnacre walkover - 05/11/18 - Suggestion that this could be passed to the MSfW Group with new I&A log if agreed with	St Michaels	LCC			09/05/18	Complete	G

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		FLAG. - Update 21/02/19 - LCC to review and feedback							
18/47	Concerns over flood risk downstream of unconsented Hamilton House Farm Bund Plus feasibility of new bund	- Concerns raised at March 18 WFF re the impact of the unpermitted bund on downstream flood risk. Action on EA to provide update on scope of modelling. - Discussions also around a potential new bund downstream of Hamilton House Farm on right bank. EA staff suggested that if should such a bund should be put forward as a proposal it would have the best chance of being approved if it ran alongside the A586 road. This would allow the fields between it and the River Wyre to flood and 'make space' for water whilst potential protecting properties and the road.	St Michaels	EA			09/05/18	Complete	G
18/50	Photos 23 and 24 - Gabion Baskets Also see 18/26	- Photos 23 / 24 show where the gabion basket wire has deteriorated at the toe of the left bank revetment at the site of the breach which resulted in the 1980 flood in St Michaels. Paul Bond to contact field team - 05/11/18 - In telecon talked about the value of local input from the FLAG / Community on this and other areas of concern. Consultation during UMW Project seen as best way forward and EA to take this as an action - Update 29/02/19 - EA to investigate this as part of the Upper Mid Wyre Project	St Michaels	EA		R17 R18	updated 06/03/20	Close-duplicate of Rivermede Embankment (18/26)	G
18/51	Maintenance Enquiry between Bridge & Rivemedede	- EA Maintenance / Grass cutting of the embankment between bridge and rivermedede - why did they stop halfway down the embankment and leave the Himalyan Balsam ? - 05/11/18 - Separate programme of himalyan balsam spraying to cover this (2 separate elements of work) details should be available online of the works programme.	St Michaels	EA		S18	10/07/18	Completed	G
18/52	Condition of embankments	- Concerns relating to recent dry weather and whether this could cause cracks in the embankments which could affect structural integrity. EA to confirm when recent / planned Asset inspection taking place and whether any issues. - 05/11/18 - EA no reported incidents of cracks but confirmed that they increase frequency of inspection around high tides and high river flows as appropriate.	St Michaels	EA			10/07/18	Completed	G
18/53	Flap valve functioning?	- Immediately d/s of A586 Bridge the field on the left bank had become increasingly waterlogged in recent year. Concerns that the field drainage isn't working efficiently. Whilst levels are low could asset inspectors record whether there are any flap	St Michaels	UU	EA	S18	updated 27/02/20	Ongoing. Passed to EA maintenance team - to be updated.	G

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
		valves draining the field and if so whether they are operating effectively? - 05/11/18 - Landowner to check this and take appropriate action as required. If flooding highway needs to be transferred to LCC at MSfW. - Update 21/02/19 - EA to provide update						Landowner responsibility. EA to request that landowner maintain.	
18/54	Woody Debris	- On Longback Brook immediately d/s of road culvert headwall there is large woody debris. Understood that H&S meant that this woody debris couldn't be removed until new access steps had been constructed. However due to low flows / dry ground could a long armed machine not be used with a chain to remove debris? - Update 28/02/19 - EA to check whether this has been removed.	St Michaels	EA		X11	updated 05/09/19	Ongoing. Passed to EA maintenance team - to be updated Completed without stair construction.	G
18/55	Catterall Basin Telemetry We notice that there is an inconsistency in the graphed levels reported at Catterall, with those at Churchtown Bridge - upstream and St Michaels - downstream. It appears from the graphs that the river becomes much shallower at Catterall and then deepens again at St Michaels. This is clearly illogical and not consistent with reality. The Catterall levels are recorded near the entry to the flood basin which is only a few hundred meters upstream of the St Michaels levels.	- "I would advise the local community that as this site provides us with multiple data feeds (basin level, gate level and downstream river level) and the website was designed to only show one it causes performance issues as the webpage randomly picks a different data feed at times. So the scale is reflecting the basin level but the data showed the downstream river level hence the mismatch. Nationally the EA was planning to close the few sites that suffered these problems however there is one last alteration to the data feeds we can try. However we need to ensure this does not affect the performance of the forecasting system. I will keep you updated re this. As to the comment about whether we could show levels to mAOD I am not aware of any intention to do this. Bear in mind if we did make that change upland rivers would have extremely large values which may confuse the public. I believe that is why local levels are used"	St Michaels	EA			17/10/18	Closed	G
18/56	Combine EA / FLAG I&A Log for use at Wyre MSfW meeting	- 05/11/18 FLAG to consider this at November Meeting. - Update 21/02/19 - Lists combined	St Michaels				Updated 21/02/19	Completed	G
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	A

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								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.	
18/58	At our meeting last night, it was noted that nothing appears to have been done about an issue with the river bank in the woods at the Old House, Hall Lane, St Michaels on Wyre. This was identified as a problem some 3 years ago. Do you know whether this is still on the radar please and if not, would there be someone else dealing with it?	- 17/01/19 - Check with PN at next meeting and update enquirer re email on 16/1/19 - 06/02/19 - PB emailed enquirer to advise future enquiries to be sent to the FLAG so that regular updates can be obtained via MSfW	St Michaels				06/11/18	Closed	G
19/02	Flood outline for Tarnacre from August 2016 The flooding mechanism from the main river has been demonstrated by video and by photograph so please update the flood outline map.	- Information provided by FLAG member to update the flood outline from August 2016. - 06/02/19 - Re-opened as PF has provided a photo showing the location flooded. Needs to be covered at MSfW - Update 21/02/19 - Group aware of the issue. Flooding mechanism has not yet been proven	St Michaels	EA	All		Updated 27/02/20	Ongoing. Flood outline map needs to be updated. - EA - no evidence that flooding is from watercourse. EA have no plans to update their flood maps.	G
19/03	Issues 26 - 36 picked up via St Michaels Walkover. The figure of £2.6BN of government money was mentioned following the December 2015 floods – where did that money go and how much was spent in Lancashire?	- Not sure of exact amount but understand that money went to Cumbria and Yorkshire but not to Lancashire - 06/02/19 - A proportion of that money was spent in Lancashire on embankment and asset repairs done in 2016 after the December 2015 floods.	St Michaels	EA			04/02/19	Closed 06/02/19	G
19/04	EA actions wrt Hamilton House Farm Bund	- Email from St Michaels FLAG on 280118 requesting representative to next WFF to give explanation of EA actions re this one. - 09/07/18 - EA to try and arrange representative - 12/07/18 - EA have offered to have this meeting outside the flood forum possibly before the Dec Flood Forum Does this sound ok ? Alternatively we can look to arrange a separate meeting - 05/11/18 - To be transferred to MSfW I&A log and receive input from Wyre BC / LCC where applicable re potential enforcement. - 04/02/19 - EA responded to resident complaint about Hamilton House Farm bund	St Michaels	EA			04/02/19	Closed	G
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	A

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								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.	
19/22	Figures for discharge through CSOs were provided to St Michael' FLAG for WYR0051 - Garstang Road Great Eccleston, and PRE0034 Garstang Road Bridge CSO - where precisely are these two CSOs?	UU to provide information to FLAG	St Michaels	UU			updated 06/06/19	Completed	G
19/23	No mention was made of discharges from WYR0082 which were requested - is this used and if so under what circumstances and how dates and number of spills recorded at that location?	UU to provide information to FLAG	St Michaels	UU			updated 27/02/20	UU are actively investigating. - Agreed that this is not an issue for MSfW but is for UU to resolve. Removed from I&A list	G
19/25	Why is EA not clearing the vegetation along the main river which links the discharge point mentioned at Catterall Farm to the River Wyre - see 19/20	EA to investigate and report back to Forum	St Michaels	EA	UU	Q16-O17	updated 27/02/20	No longer required - no current issues	G
19/26	What arrangements have been made with UU for the prompt clearance of sewage/ toilet paper etc from the banks of this main river particularly where proximate to the public footpath.	EA to investigate and report back to Forum	St Michaels	EA	UU	Q16-O17	updated 06/06/19	UU have cleared debris from watercourse. Completed	G
18/01	Grid maps required to cover whole of Thornton area which can be used by Thornton FLAG and partners to highlight issues	- Produce new map A1 size and give to Thornton FLAG at Dec17 WFF. - Electronic version to be updated and shared with	Thornton	EA			18/01/18	Closed - 21/12/2017	G

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		John Blundell at WBC							
18/02	Need to set-up issues and actions log to cross- reference with A-Z maps following Nov 2017 floods	- Meeting with Thornton FLAG and John Blundell to cover this	Thornton	EA			18/01/18	Closed - 15/01/2017	G
18/03	Question for DEC 2017 WFF - Has Royles Brook been desilted in the section through the NPL site? If this has not been done then it could be causing an obstruction to the free flow of surface water through the system.	- The Environment Agency did not de-silt Royles Brook through NPL estates land as the project could not attract the funding required to undertake the works, as there are no properties within this section only businesses. There are also concerns around the makeup of the silt from the former ICI site and disposal costs. The project costs are high because of the cost of silt disposal and the restricted access around the site. - As the system is pumped, that is the main mechanism driving water through the catchment. Surface water is excess water that road drains cannot cope with and water ends up ponding and can lead to road flooding. Surface water will eventually reach the watercourse however this will be through the drainage network. The fact we have not de-silted the section of Royles Brook through NPL Estates would not obstruct surface water through the catchment. The channel sides through NPL Estates are high and therefore can store more water before it starts to come out of channel. - Update 28/02/19 - EA confirm that Royles Brook was last desilted in 2015/16 up to NPL land - No works were undertaken on NPL land.	Thornton	EA			18/01/18	Updated 30/01/18	G
20/02	Yoad Pool watercourse - bank on River Brock opposite Yoad Pool is eroding	EA to investigate and report back to Forum	St Michaels	EA			Flood Forum 09/01/20	New from FLAG EA have put in stone bags to reinforce banking.	G
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.	A

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								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	
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 07/06/2021	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.	A
20/23	Frequent overflow of sewage on to Rawcliffe Road and adjacent public footpath and farm land, blocked WC and domestic drain outlets (at least 26 occasions in 2019 -2020) and ongoing since 1980. The slow flowing sewage and full capacity manholes have also been noted by property owners on the South of Garstang Road A586 between S16 and U15.		St Michaels	UU		Q16	New 9/11/20	Duplicate of 19/20	G
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		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.	A

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	person when mowing in late Sept 2010 - not viewed by FLAG							Being monitored through maintenance programme and asset inspections	
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	NEW 17/05/2021		A
21/11	Humblescough Brook watercourse	Someone has put in a clough under bridge on road leading to quarry.	St Michaels	EA			NEW 17/05/2021	Can EA investigate?	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
18/05	Request for breakdown of Assets in terms of who owns what. Added following meeting with flag on 15 Jan 2018	Stanah Pumping Station, Stanah - Currently owned and operated by Wyre BC, but electrical and mechanical problems managed by EA's contractor. Plans for EA to take on ownership in near future. - Not aware of any problems during November 17 heavy rainfall events - No additional or temporary pumps utilised as far as we are aware. Springfield Pumping Station, Fleetwood - Unsure of ownership but operated by Wyre BC - Some problems during November 17 events due to incapacity . - Fire Brigade involved in trying to supplement Pumps. EA attempted to support with portable pumps but equipment unsuitable for the location. New Lane Pumping Stations, Thornton - Currently owned and operated by Wyre BC - Portable pump brought to site by EA to drain down flooded area after heavy rainfall period.	Thornton	EA	WBC		18/01/18	Complete	G
18/06	A-Z Map updates required with 4 maps instead of 1. Need to take out blue flood outline. Quadrants to expand south suggested quadrants for A-Z 0,20 AA-RR20,40 A-Z 20,40 and AA-RR 20,40. Also need to add sewer info if possible and ordinary watercourses	- Paul Bond to arrange to have these printed out on A1 and update an A3 version for John Blundell. Version control required for toolbox etc	Thornton	EA	WBC		18/01/18	Closed - 1/02/2018	G

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18/07	Site Walkover with Thornton FLAG and RMAs	- Environment Agency to use collector app to document key issues from the FLAG and provide an update / hard copy to Thornton FLAG and WBC	Thornton	EA	WBC		18/01/18	Closed	G
18/12	Question - when will residents to be notified when gulleys and dykes have been cleared so that they are aware that action is taking place ?	- EA to provide written response for May 2018 WFF - Update 28/02/19 - EA programme published online at https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme	Thornton	EA			Updated 21/02/19	Closed - to be left in place for reference	G
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
18/14	The EA said they would take away and respond to the question regarding lowering the level at which one of the screw pumps automatically starts at the Stanah Pumping Station. This was to increase the capacity in the system and help with drainage. What is their response?	- EA don't set the levels WBC operate manually based on forecast. - Response provided ahead of May 18 WFF	Thornton	EA				Closed - May 2018	G
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 08/12/20	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.	A
18/16	Is there any update as to when Highways England will be de-silting under Amounderness Way on the Hillylaid Pool section?	- picked up by MSfW meeting no EA action - Works completed 2018	Thornton	EA				Completed	G
19/05	Mayfield Ave	- Flooding to rear gardens from old watercourse on Bourne Way.	Thornton	UU		P7	updated 05/09/19	No issues noted. Closed.	G
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

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	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.						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	New Lane, Thornton Several properties on New Lane flooded Nov 2017. Source of flooding appears to be surface water from runoff from local fields, surcharged sewers and surface water drains.	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	Carried over from MSfW Hot Spots Ongoing: 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
19/17	Calder Ave, Thornton - Several properties were flooded	LCC to clear highway gullies on Calder Ave	Thornton	All			updated 05/09/19		G

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
	Nov 2017 – Residents have complained that highway drains contributed to the flooding and have not been cleared.								
19/18	Sandyforth Ave, Thornton - flooding to garden of single property	- MSfW group to inspect	Thornton				04/03/19		G
19/19	Swan Drive, Thornton - report that debris blocking part of the drainage system. Partial or complete blockages of culverts in area affecting effectiveness of system	WBC to inspect	Thornton	WBC			updated 27/02/20		G
19/27	Can we have a progress report regarding the inspection and condition of the Thornton culverts? See 18/13	WBC to provide update at March 19 WFF	Thornton	WBC	EA		UPDATED 27/02/20	Inspection / cleaning works in progress. FLAG have been invited to see works. Report to be updated and passed to FLA\g. Most inspected and found to be OK A585, Marsh Mill and Stanah Gardens yet to be checked	A
19/28	School Road, Thornton - following LCC starting legal proceedings against Network Rail are there any developments that can be shared with the FLAG? See 19/14	LCC to provide update to FLAG	Thornton	LCC	All		updated 27/02/20	- Flooding report in progress – to be presented to FLAG June 2018	G
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
20/01	Cut branches causing blockage in Royles Brook watercourse		Thornton	EA		W16	Flood Forum 09/01/20	- NR to clear watercourse - date to be agreed	G
20/06	Norcross Lane / White Carr Lane - concerns that highway culverts under Norcross Lane and White	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	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
	Carr Lane (at junction with Bescott Way) are silted up							Works planned for week commencing 22 June	
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 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.	A
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	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	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								underwater. Require LCC/WBC to check for any possible issues with highway drain/outfall.	
20/17	Flooding of highway to Lawsons Road on 11 August 2020	LCC to investigate for blocked gullies	Thornton	LCC			UPDATED 15/02/21	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	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	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
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

Appendix 4 - Issues raised by flags

Churchtown FLAG:

Churchtown FLAG Report for Flood Forum

24 Aug 2021

Avenue Hotspot - LCC Highways have now replaced a broken pipe under the roadway of the A 586 which will eliminate the nuisance flooding hotspot at the end of the Avenue, which has been causing trauma to residents up to three times a year.

Avenue Slot Drains - LCC have also found the problem with the slot drains behind the footpath, where there was never a proper connection into the piped drainage system. The pipe line is now complete so that footpath and drives are now drainable, and maintainable

Outfalls into main river - To assist the draw-down of surface water from the Old A6 and Avenue Hotspots at the height of nuisance flooding events, LCC are planning to (or have) replace(d) the existing flap valves at the river outfalls of the three affected pipes by open ended pipes directed downstream. It is estimated that the energy of the moving flood water in the river will draw out the trapped static surface water from both hotspots, even though the road levels are lower than the nuisance flood level in the main river.

Ainspool Lane Hotspot stage 1 - LCC have investigated the end gully on Ainspool Lane and found it to be connected into the A586 drainage system, explaining why flooding always started with water rising out of this gully. A new connection from this gully across the roadway into the Ainspool Lane drainage system has been made and the old connection blocked off. This means that the flooding at this hotspot will now be held off until extended rainfall may eventually cause water to rise up through gullies on the A586. This partial alleviation is stage 1 until such time that the flood water from the Nook Catchment can be held in the short term within the Green Wood (see 5 below), leaving the Ainspool Hotspot free of nuisance flooding. Currently this calls for big pumps three times a year.

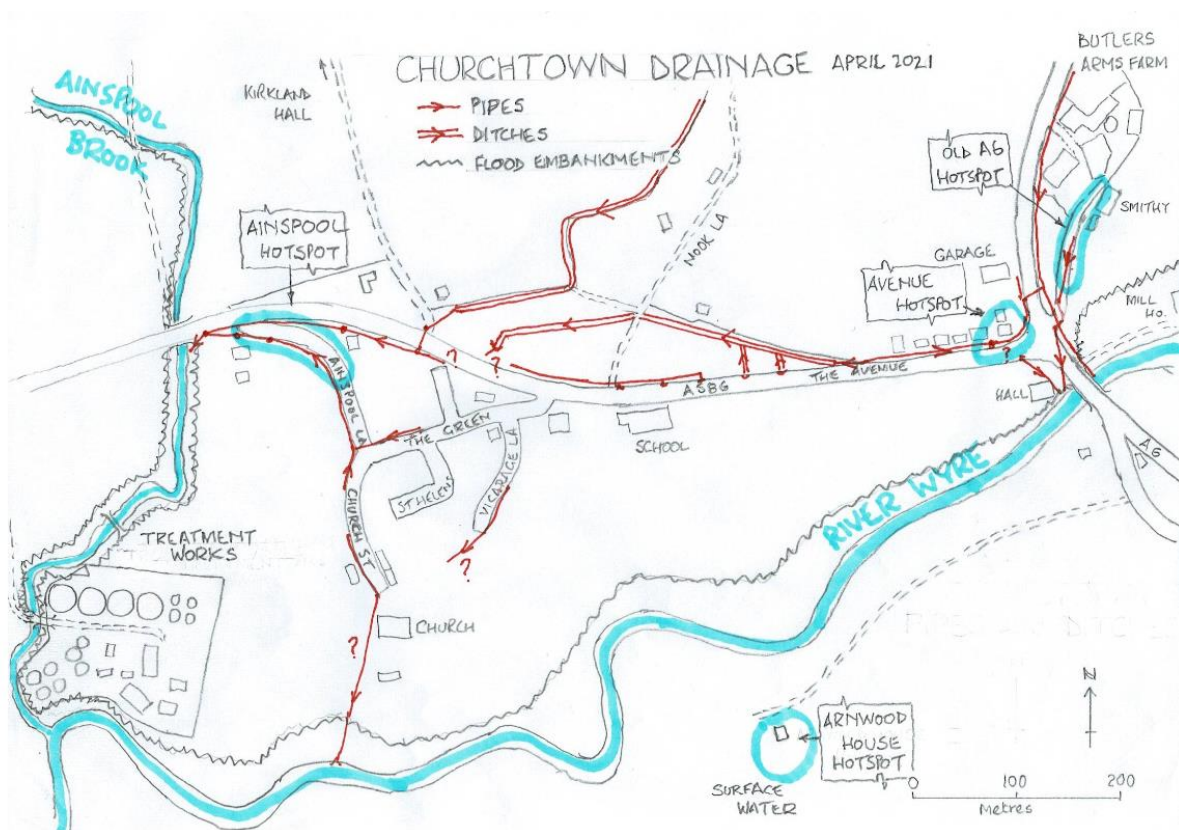
Ainspool Hotspot stage 2 - To finally eliminate the Ainspool Lane Hotspot, two further investigations are needed. First is to check the closure of the flap valves at outfalls in the Ainspool Brook from the A586 to ensure there is no back flow from the Ainspool into the A586 drainage system whenever the Ainspool rises above road levels. Second is to investigate all the drainage paths between the Green Wood and the A586 drainage system to establish the feasibility of introducing stops that could temporarily hold nuisance flood water on the north side of the A586. These could be located at the back of the footpath within the highway right-of-way at possibly one or two pipe crossing locations. If this is possible, it will be easy to build a stop structure that Flood Wardens could operate (up to three times per year) to close and reopen as needed; or something automatic.

Ainspool Hotspot stage 3 – The ultimate assurance for the prevention of flooding in Ainspool Lane is to hold back upstream waters in the Ainspool and its tributary catchments which is possible using Natural Flood Management (NFM) techniques of leaky dams and local storage areas, plus the strict enforcement of the maintenance of appropriate Sustainable Drainage Systems (SUDs) installations on all upstream developments. The Wyre River Trust has applied for funding for NFM measures at these locations as part of a catchment wide project. The responsibility for ensuring SUDs adequacy and maintenance is yet to be clarified, but is solvable if new legislation is brought in to ensure the adequacy of developers' SUDs provision and provide the method of funding an appropriate agency (such as UU) that has the equipment and skills to inspect and maintain SUDs over the long term.

Fylde Councillors visit - Friday 13 Aug we had a visit from a busload of Fylde Councillors as part of a tour of flood locations and solutions in the Wyre Catchment. We showed them the Kirkland Bund and explained how the CFLAG was formed after Storm Desmond in 2015, how we organised a Flood Warden system, made sandbags available around the village with the help of WBC, designed, raised £100,000 and built the 620m long flood protection embankment with a section of retaining walls and flood barrier openings, and how we still continue to chase down the remaining problems of nuisance surface water flooding at three locations in the village.

CFLAG meetings resuming - first Tuesday of even numbered months, 19:30 at Horns Inn.

Additional Grit Bins - to be purchased once a location in the Tarnacre area has been agreed.



Hambleton FLAG

Hambleton flag summary report August – 2021

For consideration at Planned Meetings;
the MSFW meeting August 26th; the Flood Forum September 9th

A village walkabout took place on 24th June, involving representatives of; Local Residents, Hambleton Council, Hambleton Flag, WBC, LCC, UU. EA. It was very informative and useful, thanks to Paul Long for arranging and the agency representatives for giving their time.

Summary of main issues

1 - Coppins/Birkrigg – Carr lane - property & house flooding

The low laying nature of the area will always be an issue that cannot be overcome at times of very heavy rainfall, we do however believe that the current local drainage conditions can be improved to reduce the risk of property flooding and request a specific sub-group take a holistic look at the issues with a view to the best strategy to deploy valuable resources to the best end. Improvement suggestions need design considerations and balance of risk reviews. We are now 8 years from this problem being flagged up and still there are blocked drains and maintenance works outstanding. The Queensland culvert; the owner has advised WBC (PL) that the pipes have been cleaned a couple of years ago, however it is still our belief that this unauthorised piping of the culvert needs to be removed and the culvert opened up. Can this be reviewed by the agencies? What would the response be if the owner applies for retrospective planning permission? A new factor is the 'improvement' of sewer operations further north which have resulted in the need for changes in design and remedial works (valves) to prevent further foul sewer flooding.

Actions

- 1a - FLAG request agency discussion re best strategy-LCC,UU, EA
 - 1b - Completion of surface water drainage survey, when? LCC
 - 1c - Survey has identified requirement for remedial works, when will these be carried out? LCC
 - 1d - The Queensland culvert removal what is flood risk reducing potential? EA
- 2 - Kiln lane / Sherbourne rd – property & house flooding

Work to opening the outfalls near the pumping station, and the drain and outfall clearing from Sherbourne Pump Station to its outfall; should assist in reducing flood risk, but there are still items that need attention so that we can fully understand the past flooding.

Actions

- 2a - Details of Wardley Creek outfall twin pipes, who assess requirement for desilting by owner, silt levels are above the pipe inverts. The pipe back up with current silt levels, what impact does that have on pipes silting back up again.
 - 2b - Pump station Detail, requested and re-requested many times, (inverts, piping and instrumentation drawings, emergency overflows)-UU
 - 2c - Pumpstation Visit-UU
 - 2d - Foul Sewer Pipe meter survey when?- UU
 - 2e - Survey Maintenance
 - 2f - CCTV and pressure clean survey completion, remainder of Kiln lane-LCC
- 3 - Thistlefield-Carr lane – outfall

The main A588 road floods during high rainfall, the manholes have water uplifting from them. It was hoped that this outfall could be surveyed as part of the recent second survey but it could not be done.

Actions

- 3a - We request survey of the Thistlefield outfall pipe from Carr lane-LCC
- 3b - Who is responsible for verification that the mitigation measures in Sanderling Drive system are operating (holding tanks & flow restricters)?-LCC

4 - Surface water drainage – Broadpool lane

This is part of the system that drains 35% of the village

Action

4a - Recent survey shows a significant number of significant defects requiring action, when will these be actioned? LCC

5 - Wardleys pool system

All the surface water drainage from Hambleton drains into this system

Actions

5a - There are areas requiring clearing what is plan? EA

5b - Flood defence design, when will we see the revisions, improving flows for higher tides that current designed for-EA

6 - Marsh lane

The Marsh Lane system drains nearly 500m of road with approx. 33 gullies, there are two outfalls into the open ditch. The outfalls are 50% silted. During heavy rain the roadway floods.

Actions

6a - MSFW minutes note watercourse designated as a Main River, when will this be desilted

Preesall FLAG:

Preesall FLAG met 16th August 2021

Questions and Issues raised to present to MSFW Sunnyside sub group

Currently there has been no reasons for concern due to a long spell of reduced rainfall but period of flood risk commences October through to February.

In the meeting issues were raised relating to the extended run of the watercourse which backs properties along Sunnyside Terrace.

Commencing at the area alongside the railway bridge on Park Lane Preesall, it was noted that the route of the watercourse was unclear on EA maps. A question was raised as to whether originally the watercourse had flowed from the pond area, under the bridge connecting with systems alongside the old railway track. Paul Long has checked with UU and EA records. It appears that the pond does drain under the bridge and he will ask EA to check it is running properly.

Following round the base of Preesall Hill, a topographical survey was planned by WRT prior to commencing a project to reduce the volume and flow of water draining down the hill. Please update the group of the progress of this project and whether the land owner changing the profile of the land has been met with.

Alongside this section, plans are ongoing to put a 6" pipe under Sandy Lane to take water from Sandy Lane hedgerow dyke towards dykes at Lancaster Road.

The clearing of the water drain alongside the Sandy Lane cottages in this area has been completed this week which hopefully will reduce the occasions when pedestrians have to walk in the centre of the road during flooding. Please keep us informed.

Are there still plans to construct a bund alongside 1 Sunnyside in this same spot?
Re surfacing of Cartgate was completed last week. An additional drain was put under the road close to the rear access to the terrace. Hopefully the renewed camber of the road and clearance of the storm grids will prove effective this coming winter.

Is routine clearing/jetting of the culvert under Cartgate still active on the action plan?
For the past month there has been no excess flow of water down Cartgate. The vegetation is re growing on top of the hill or it could just be as a result of the dry spell of weather.
Minimal water in Green Lane dyke. Trees were cut back by adjacent land owner but vegetation now overgrown.
We have been informed that Burned House Lane culvert is clear. Is the adjoining watercourse from Lancaster Road, through the travellers site being monitored?

The group thanks MSFW water for their constant support in the search for a resolution to the increased flooding problem and to Paul Long for his attendance at our meetings and his rapid response to our messages.

Linda Rowland, Secretary Preesall FLAG

24.08.2021

St.Michaels FLAG

Just the usual update request from UU about progress with the Gt Eccleston Churchtown sewer and upgrading the flow from St M pumping station - has this happened now and is the new strategic catchment plan now available.

Have EA made any progress in their investigations of the new flap valve installed at Tarnacre and the level survey they were planning.

Bank erosion west of our A586 bridge on the north bank - the bank has not been fenced and was covered in cows yesterday and there is quite a bit of erosion there.

Resurfacing of Rawcliffe Road opposite Catterall's Farm and re-instatement of road drains on Rawcliffe Road.