

Wyre Flood Forum

Minutes of meeting held Thursday 16 June 2022

Meeting held at Civic Centre and via Microsoft

Teams

PRESENT:

Civic Centre:

Chair

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

Lancashire Councillors

Cllr John Shedwick (JS) Thornton & Hambleton

Wyre Borough Councillors

Cllr Roger Berry (RB) Neighbourhood Services & Community Safety Portfolio Holder

Cllr Phil Orme (PO) Preesall Ward and Preesall Town Council

Cllr Dulcie Atkins (DA) Garstang Ward

Parish and Town Councillors

Cllr Roger Brooks (RBr) Garstang Town Council

Council Officers/Agency Representatives

Paul Long (PL) Wyre Council (Engineering)

Graeme Kellott (GK) Environment Agency

Mia Mullender (MM) Environment Agency

Brian Birkett (BB) Lancashire County Council (Flood Management Team)

Chun Teh (CT) United Utilities

FLAG Representatives

Eddie Waring (EW) Thornton FLAG

Phil Jenkins (PJ) Thornton FLAG

John Bracken (JB) Churchtown FLAG

Roger Weatherell (RW) Churchtown FLAG

Linda Rowland (LR) Preesall FLAG

Via Microsoft Teams:

Lancashire Councillors

Cllr Matthew Salter (MS) Wyre Rural Central

Cllr Alf Clempson (AC) Poulton-le-Fylde

Council Officers/Agency Representatives

Mark O'Donnell (MO) LCC (Highways)

Phil Wylie (PW) United Utilities

Dawn Bromley (DB) United Utilities

Louise Ashworth (LA) United Utilities

FLAG Representatives

David Astall (DAs) Great Eccleston FLAG

Nigel Litherland (NL) Thornton FLAG

Apologies:

Cllr Stephen Clarke	LCC Councillor
Cllr Lynn Walmsley	Marsh Mill Ward
Cllr David Walmsley	Jubilee Ward
Diane Andrews	Out Rawcliffe PC
Christine Hamilton (CH)	Environment Agency
Tom Myerscough (TM)	Wyre Rivers Trust
Olivia Tindale	Natural England
Len Harris	Wyre Council (Planning)
Michael O'Flaherty	Hambleton FLAG
Ashley Anderton	Preesall FLAG
Alan Ellerton	Hambleton Resident

The Forum was held as a combination of live event and remotely via Microsoft Teams.

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

CG welcomed all attendees to the meeting. He explained that, once again, the meeting would be held simultaneously both in the Council Chamber and online.

He noted that there were new representatives in the Forum and invited everyone to introduce themselves.

2. Apologies

Apologies were noted as above.

3. Minutes of previous meeting

CG asked whether there were any comments on the minutes of 17 March 2022.

Matters arising:

There were no matters raised from the previous minutes.

The minutes of the meeting were otherwise confirmed as a true record.

4. What's going on in the region - Reports from Flood Management Authorities: United Utilities:

- PW reported that works within Wyre were generally "business as usual".
- He reported that the sewer flow meters being installed in the Fleetwood catchment were approximately 50% installed, with the scheme expected to be complete in September 2022.
- CT reported updates from the Process Team about the construction of a new outfall at St.Michaels last in line pumping station overflow; he confirmed that the design is now completed and the UU are awaiting consent from the EA to undertake the works. He added that the works have been put back from May and are now expected to be undertaken in August. The works are expected to take around two to three weeks to complete.
- CT reported that UU have been looking at the operation of the St.Michaels pumping station. A hydraulic modelling assessment has been undertaken – UU are looking at solutions to improve flow by either improving the pump capacity or allowing a higher pass through rate.
- CT reported that UU have completed the maintenance of the air valves within the rising main at Great Eccleston pumping station. He confirmed that details have been forwarded to the FLAG and to Ben Wallace MP.

Questions to UU

- CG asked whether the EA have received a permit request for the works at St.Michaels. GK and PH both confirmed that they were not aware of such a request at this time; PH proposed to confirm details with CT after the meeting.

Environment Agency

A pre-meeting update to the Forum is included as Appendix 1

GK provided an update on maintenance works;

- He reported that there currently remain an issue with the east gate of the Garstang flood barrier. The upstream stop logs have been inserted while the downstream ones are yet to be installed. He noted that the stop logs will act in place of the barrier should there be a need to activate the flood basin.
- Embankment repairs have been completed to Whites Brook, Great Ecclestone; Inskip and Stockenbridge, St Michaels.
- A number of blockages to main rivers have been removed, including the two trees in the River Wyre reported by Churchtown FLAG
- The flaps on the Ainspool watercourse have been inspected (following a report from Churchtown FLAG) and found to be in good order.
- Replacement tidal doors have been installed at Cocker Bridge, Cockerham – these have been missing for around two years.
- Works on the Hambleton Tidal Flood Risk Management Scheme and the Fleetwood and Copse Brook Flood Risk Management Scheme remain as detailed in the pre-meeting report (Appendix 1)

Questions to EA

- JS said that he understood the Hambleton scheme looked to be delayed until 2023, he asked if the EA could confirm this. PH replied that CH was the main EA contact for this scheme and queries on should be directed to her. PH agreed to ask CH to provide feedback to JS.
- DA asked if the EA were aware of the pollution in the canal at Garstang. GK replied that he was not involved in this issue but was aware of it. He understood that agricultural effluent has been released into the canal and officers from the EA are investigating this.
- RB noted the damage to the east gate of the Garstang flood barrier and asked what had gone wrong. He added that this is a vital part of the river defences and should be considered as a priority. GK confirmed that the issue this time was suspected to be the hinge mechanism on the east gate and that inspection works are in progress.
- RB noted that the Copse Brook scheme has a funding gap that puts the scheme at risk. He asked whether other interested parties (including ABP) had been asked to provide funding – CG confirmed that recent cost increases had made the scheme financially unviable and the scheme is currently on hold while additional funding is sourced.
- PJ reported that one of the major concerns in Thornton is the levels of siltation within the watercourses. He noted that there is a massive lack of capacity in the network due to the high levels of silt. He noted that, while in previous years extensive works had been undertaken to reduce silt levels, there was no provision from the EA to undertake such works.

GK replied that the days of wholesale desilting works were over due to lack of funding, although targeted desilting works are still possible. He noted that artificial pinch points on Hillylaid Pool (such as the bridge at Belvedere Road) reduced the impact that desilting works can have.

PJ noted that dredging of the watercourse would provide additional storage within the watercourse system and allow the network to store more water during potential flooding events.

GK replied that the EA's funding is limited and that any desilting works would need to be targeted to achieve the greatest effect. He added that he has requested quotes for the length of Hillylaid Pool close to the School Road outfall to be desilted and was awaiting responses. PJ acknowledged this but raised concerns that a high quotation figure might mean that the works would not be completed. He awaited a further update.

- JS asked if PJ was aware of the desilting works being undertaken by National Highways to the culverts under the A585 Amounderness Way. PJ replied that some works have been completed, with the main area still to be done being the culvert at New Lane. He noted that there is some additional work to be undertaken on the culvert under the roundabout at the junction with Victoria Road East and NH are awaiting a permit from EA to continue works.
- PJ noted that there have been considerable development within Thornton over the last 20 years but no improvements to the watercourse network. He said that if Thornton gets more than three days rainfall then the system struggles to cope, and desilting of the network would provide additional capacity in the system. PL noted that the culvert level at Belvedere Road was such that any desilting work prior to the culvert would have little or no effect on the capacity of the watercourse, save for the initial rainfall which would effectively just replace silt with water. CG noted the comments, noting that the main issue is to prevent the siltation entering the watercourse in the first case; this is something that TM is looking into.
- PO asked whether the outfall flap at Grange Pool had been replaced as promised. GK confirmed that it had been replaced.
- PO noted that there were still consultations being sought with local residents for the Hambleton scheme – he thought that consultations on the scheme had been completed and asked whether the scheme had been changed. JS replied that issues had emerged (particularly relating to highways) as the scheme has been developed; he added that by the time the application went to Planning most of the issues had been resolved.

Wyre Council

- PL reported that he had been in contact with National Highways about the culverts under the A585 Amounderness Way (as reported above).
- PL has been in contact with National Grid re the culvert under the sub-station at Stanah – he is awaiting an update on investigative works on the position and condition of the culvert.
- PL confirmed that he had been working with LCC to resolve the flooding issue on High Street, Garstang and Wheel Lane, Pilling and has been working on the issues raised in the Issues & Logs log.
- CG reported that the Beach Management Scheme at Cleveleys is planned to begin on 5 September. The £42m scheme will involve works to improve the revetments and build a number of rock groyne. The scheme will protect up to 11,000 properties within Wyre.
- CG noted the recent report BBC on coastal flooding – he said that Wyre and the EA are investing considerably in the protection of the coastline and the current risks are low and remain low based on current forecasts. [Responding to climate change around England's coast - The scale of the transformational challenge - ScienceDirect](#)

- CG reiterated that the council has been successful in getting funding of £6.2m from the Innovation Bid from Defra. The scheme will look at issues with salt marshes and sand dune systems, to manage realignment and to work better with land owners using natural flood management processes to build resilience. [Innovative projects to protect against flooding selected - GOV.UK.](#)
- CG reported that Churchtown FLAG had been awarded the Community Partnerships Award at the Flood and Coast Excellence Awards on 8 June 2022.

Questions to Wyre Council

- LR asked whether any additional works were planned on the watercourse under Park Lane, adjacent to Fordstone Av., Preesall. PL confirmed that the investigation was to establish whether the watercourse ran to the west or towards Sunnyside Terrace – the investigation proved the connection to the west, so no further works were necessary. He noted that works to protect Sunnyside Terrace were being drawn up by TM and works were expected to be undertaken this summer; he would get an update from TM.

Action – PL

- PO noted that sand levels in Knott End were very high and have risen significantly over the last few year; he considered that the innovation works would help trap sand on the west coast of the borough and reduce the impact Over Wyre.
- RB asked for an update on flooding issues on Sefton Ave, Poulton. PL confirmed that he and officers from LCC had visited the site with a representative from Wain Homes, but no update had been received. BB confirmed that LLFA could not enforce this under the Land Drainage Act as there is no watercourses at this point - it is water running off the land. The likely resolution is extend the bund that was installed by the previous landowner twenty years ago. PL to chase up with Wain Homes.

AC considered that the flooding of properties on Sefton Ave is a direct consequence of over development in Poulton and needs urgent action. PL disagreed with this comment as he has dealt with this issue some twenty years ago and had been in contact with the previous landowner when the bund was constructed.

Action – PL

Lancashire County Council

MO provided an update on the works being undertaken by LCC (Highways)

Works undertaken recently include:

- continued with planned and reactive maintenance and clearing of highway gullies.
- **Longmoor Lane, Nateby** - repairs to the highway drainage has been completed (a BT duct was found to have gone through the drainage pipe).
- **Wheel Lane, Pilling** - investigative works and cleaning of highway culverts has been undertaken.
- **Fleetwood Road North, Thornton** - works to raise the footpath on are expected to be completed today.
- **High Street, Garstang** works have been undertaken on the flooding issue on– this is thought to be resolved, but additional works are planned to ensure this next week.
- **Moss Side Lane, Great Eccleston** - the flap valves on the defence works are to be inspected next week.
- **Breck Road, Poulton** – works on highway drainage are programmed to be undertaken over the school holidays.
- **A586 St. Michaels** – investigations are taking place to resolve flooding issues by the cottage. LCC still have a pump on site to deal with flooding.

BB provided an update on the works being undertaken by LCC (Flood Management Team)

- LCC are investigating a complaint about the watercourse on Moss Side Lane, Great Eccleston and whether the flap valves are operating correctly. He noted that a site inspection is planned for Monday 20 June.
- BB confirmed that LCC have been continuing their CCTV survey of the culverted watercourses around the Rosslyn Ave area of Preesall.
- BB has approached Network Rail re the watercourse behind School Road, Thornton; NR have completed their initial inspection although no cleaning works have been undertaken as yet.
- BB confirmed that a survey of the drainage at Royles Brook School, Thornton, to the discharge into Royles Brook on King George's Playing Fields is to be undertaken during the school holidays.
- A Section 19 flooding report is to be undertaken at St Michaels, following the flooding earlier this year.

Questions to Lancashire County Council

- DA said that she was delighted that the issue on High Street, Garstang has been resolved. She noted that there is a flooding issue on Gubberford Lane and asked whether action was being taken to resolve this. MO was unaware of any issue at this location but would look into it.

Action – MO

- JS noted that there was still outstanding on Staynall Lane which required sorting. He thanked MO for his work in resolving flooding issues in Hambleton, particularly on and around Kiln Lane and Sherbourne Road, and noted that there were still a couple of issues on private land on Carr Lane that required attention.
- JS noted that Network Rail have agreed to undertake works on the watercourse behind School Road, Thornton.
- RW asked if there was an update on the installation of a penstock in Churchtown; the FLAG have received a quotation to purchase the penstock. MO and PL to meet with the FLAG to install the penstock and to look at drainage issues on The Avenue.
- PO asked for an update on flooding on Park Lane, Preesall. MO said that the issue remains root ingress in the gullies. He considered that major works would be required to replace the carrier drain – he is looking into this and will report back once works are planned.
- PJ thanked MO for his work in resolving the footpath issues on Fleetwood Road North.
- AC thanked MO for recent works on Rydal Ave (clearing of gullies blocked by builders' materials). He also raised the issue of blocked gullies on Blackpool Old Road (by BT entrance) – MO confirmed he is aware of this and will check that this is now complete.
- MO raised the issue of private companies damaging highway drainage assets by either digging through them or filling with debris. He said that this was extremely frustrating.
- JS thanked BB for his update – he noted that there has been a big increase in planning applications for consideration and that consideration of these is affecting officer time, and thanked BB re riparian ownership and pursuing owners to meet their legal responsibilities.

Natural England

No report was received.

Questions to MSfW Group

None raised.

Wyre Rivers Trust

No report was received.

Questions to Wyre Rivers

Trust None raised.

5. Making Space For Water technical group

PL reported that the MSfW Group met (jointly in person and via Teams) on 26 May and that minutes of the meeting have been distributed to the Forum – see [APPENDIX 2](#).

Questions to MSfW Group

None raised.

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

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

- Prior to the FLAG reports, CG presented the Coast Excellence Awards, Community Partnerships Award to RW representing Churchtown FLAG

Churchtown FLAG

RW reported that there were three main issues to report

- the removal of trees from the River Wyre – this has now been completed
- the proposed scheme to install a penstock to hold back water within Green Wood during a potential flooding event; a meeting has been arranged with MO and PL for mid-July to look into moving this on.
- to undertake inspection / cleaning of drainage system at the junction of The Avenue and A6, and Smithy Lane – this is being addressed with PL and MO next month.

CleveleysFLAG

No report.

Garstang FLAG

- RBr reported that, as part of the recent visit to Abbeystead, he had viewed the reservoir which holds back a significant volume of water that would otherwise flow unimpeded downstream to Garstang. He noted that the authorities needed to do more to hold more water upstream to protect Garstang, Churchtown and St.Michaels.
- RBr thanked MO for his work on resolving the flooding issue on High Street. He noted that the flooding had occurred very quickly (within 30 minutes) and hoped that the resolution would be successful.

Great Ecclestone FLAG

- DAs said that there was nothing to report this meeting. He noted that the drains on the cycle track on the A586 (reported last Forum) have now been cleared by LCC
- CG noted that there are two holes close to the UU pumping station on the north side of the A586. DAs noted that these are in fact sink holes and he is aware of them. He added that they did not appear to be in line with the surface water outfall pipe. PW confirmed that UU were not aware of these.

Hambleton & Stalmine FLAGS

- JS informed the Forum that, as of today, Hambleton will be represented by Parish Cllr Ian Smith, while Stalmine will be represented by PO.
- JS noted that most issues have already been covered in the meeting (Staynall Road and Carr Lane), but added that the watercourse on Marsh Lane is still outstanding.

Out Rawcliffe

FLAG No report.

Preesall FLAG

- PO reported that all issues in Preesall are either now completed, or are in progress.
- PL reported that he had received reports that Wheel Foot watercourse, adjacent to Sandy Bay Caravan Park has very high silt levels and is holding back water on the north side of Pilling Lane. GK replied that he was aware of this, but that local residents were refusing permission for the EA maintenance team to enter the watercourse.

St. Michaels FLAG

No report.

PO noted that there had been a number of issues with a quarry at Tarnacre – he reported that a new planning application for a quarry in Preesall has been submitted, and expressed his hope that any lessons learnt there would be incorporated in the planning so that there were no flooding issues arising from the works.

RB asked whether there was an update in the membership of the FLAG (following the moving of the former FLAG officers from the village). He asked that the forming of a replacement FLAG be a priority. PL replied that he has not chased this with the parish council. RB suggested that the formation of a replacement FLAG be included in the next parish council meeting. PL to contact the parish council.

Action - PL

MS noted that the FLAG has previously operated separately from the parish council and expressed concern that the council may not be able to fill in the void left by the previous FLAG members.

MS noted the application for a new quarry in Preesall and said that it was important there is early stage engagement on flooding issues.

Thornton FLAG

- PJ said that most issues have been covered during the meeting. He wanted to bring up the plot of land SA1/3 on land opposite the Iron Horse, Bourne Way; he said that the FLAG would be keeping an eye on the land when it comes up for planning permission.
- RB noted that there has been no update on the clearing of the watercourse on Fleetwood Road South. PL to contact riparian owner.

Action - PL

- RB asked whether National Highways have provided a date by which they will complete the cleaning of the culvert under Amounderness Way A585. PL confirmed that no date has yet been provided, but that NH have applied for a licence from LCC to enter onto their land off New Lane to allow them access. Consent is still awaited. RB asked if this could be expedited.

7. Communications Update

No report.

PL noted that there been a number of recent press releases on flooding issues, including natural flood management - copies of all releases have been copied to FLAGs.

Other information is available at [The Flood Hub](#)

8. Emergency Planning Update

- PL reported that Section 2 of the Multi-Agency Flood Plan is to be updated. This includes specific site information, including contact details, pumping plans and any site specific issues. PL will be contacting the FLAGs at some point over the coming months to seek updated information.

9. Site visit to Abbeystead

- RB reported that he and RBr had attended the visit to look at natural flood management (NFM) assets on the Abbeystead Estate on 9 June. The visit had been well attended with representatives from the main flood management authorities, councillors and FLAG members. The visit included a presentation by TM and estate managers before visiting the works that have been done to retain water on the top of the catchment to slow the flow of water toward Garstang and the downstream villages. He noted that local farmers were interested in supporting the scheme.
- RBR noted that in the 1970s the government had paid landowners to remove the grips on the moors to encourage rainwater to flow off quickly, and then, following flooding downstream, had paid the same landowners to replace them. He said that the works being undertaken at Abbeystead is remedial work to return the land to its original status. He noted that the soil depth is very thin and needs to be built up to better retain water.
- CG noted that the works are important is retaining water at the top of the catchment, but is being funded by private investment.

More information is available at: [First of its kind £1.5m nature restoration project to reduce flood risk \(triodos.co.uk\)](#)

10. Requests for reports for next Forum

- PO asked whether the Forum could have a presentation on the coastal defences in Wyre. CG replied that a consultant is currently working on the Shoreline Management Refresh and whether current policies on sea level rise and climate change were still robust. He offered to give a presentation on this to the Forum.

Action - CG

11. Any other business

- RBr asked for an update on the repairs to the gates at the Garstang barrier to be presented at the next Forum. GK agreed to do so.

Action – GK

- RBr expressed his hope that the recent drainage works on High Street and Longmoor Lane were now resolved.

12. Next meeting

8 September 2022. 1pm start.

Meeting to be in person only (No Teams availability) - Details to follow.

Appendix 1

Pre-meeting report from Environment Agency (June 2022)

Maintenance Programme

The maintenance work the Environment Agency plans to carry out this financial year (1 April 2022 - 31 March 2023) 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 March 2020 from the Environment Agency:

Flood Basin training dates

Garstang Flood Basin Training dates from March 2022 to May 2022:

09/03/2022

06/04/2022

05/05/2022

Catterall Flood Basin Training dates from March 2022 to May 2022:

07/03/2022

05/04/2022

05/05/2022

Highgate Park Training dates from March 2022 to May 2022:

24/03/2022

04/05/2022

30/05/2022

Maintenance Work

We are continuing work to investigate the fault with the east gate at Garstang flood basin. We have installed stop logs which will act as substitute gate in a flood event while we undertake the investigation/repairs. We will keep you updated on this work as it progresses. We have completed a number of repairs to damaged embankments at Whites Brook, Inskip and Stockenbridge and we continue to work on the remaining repairs. We have removed blockages in several locations including at Franklaw treatment plant, Churchtown and New Lane in Thornton so please continue to report blockages to us through our incident hotline number 0800 80 70 60.

Our annual grass cutting programme is underway although additional health and safety requirements may have an effect on the programme. We hope to deliver as much of the frequent maintenance programme as possible and will update on its progress through the MSfW and Flood Forum meetings.

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 ongoing. We are engaging with individual stakeholders and members of the community, on elements of the detailed design. We are working closely with stakeholders, such as Natural England and Lancashire County Council Highways, on elements of the scheme that fall within their remit. Our current best estimate for the planning application submission is winter 2022/2023. We are planning to engage with the public this summer on the scheme design and planning application submission.

Further information relating to the scheme is available via the scheme's FloodHub page (<https://thefloodhub.co.uk/hambleton/>).

If you would like to discuss the scheme further, please contact Christine Hamilton who will be happy to help you.

You can contact Christine at CMBLNC-PSO@environmentagency.gov.uk.

Fleetwood and Copse Brook Flood Risk Management Scheme:

The scheme will construct approximately 800 metres of tidal flood defence wall and reconstruction of the Copse Brook outfall to provide protection to Fleetwood. The scheme will protect over 2,200 properties from flooding. The Outline Business Case was submitted to our Large Project Review Group on 31 January and subsequently received 'technical approval'. However, due to the increase in costs (like across all FCRM schemes) our partnership funding score has dropped well below the 100% required to qualify it for full Government Grant in Aid funding. This means we have a significant funding gap of £4.6M. The scheme will therefore not be able to proceed until we are confident in filling the funding gap with other sources. We have already secured £1.77M of Local Levy funding through the North West Regional Flood and Coast Committee and will be bidding for further funding over the next 5 months.

It is our ambition that the scheme will provide a catalyst for the wider regeneration of Fleetwood by injecting capital investment into the frontage, whilst unlocking large areas of derelict land for re-development. We are therefore working closely with Wyre Council, Lancashire County Council and Associated British Ports (ABP). ABP are providing project support by contributing to the cost of the structural survey and providing us with Ground Investigations that will help inform the final design options. The Eco-CoBS project being led by Wyre Council has an ambition to create an area of saltmarsh on front of the quayside and this would be complimentary to the Flood Risk Management Scheme as it would provide a natural protection to the quayside which the new flood defence would be built upon. It would also create habitat and lead to a significant amount of carbon storage.

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

This was one of four pilot projects that received funding from the Natural Environment Investment Readiness fund last year. It has secured investment and will now deliver work to reduce flood risk to downstream communities – generating income through the sale of these services.

Over several years, interventions in the Wyre catchment will include wetland creation and temporarily storing water by putting in place leaky barriers, sloped embankments and hedgerows alongside peatland restoration and river restoration. Other measures include slowing overland water flow through changes in grassland management, and tree planting to allow water to seep into the ground.

It is the first project to use a new green investment financial model, which will see the upfront investment repaid through contracts with organisations that benefit from these improvements, including water and insurance companies.

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/>.

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 May 2022
at Wyre Civic Centre and via Microsoft Teams.

Present

Paul Long (PL)	Wyre Council (WC)
Brian Birkett (BB)	Lancashire County Council (Flood Risk Management)
Benjamin Rogers (BR)	Lancashire County Council (Flood Risk Management)
Lorah Cheyne (LC)	Lancashire County Council (Flood Risk Management)
Mark O'Donnell (MO)	Lancashire County Council (Highways)
Pippa Hodgkins (PH)	Environment Agency
Mia Mullender (MM)	Environment Agency

Via Microsoft Teams

Graeme Kellott (GK)	Environment Agency
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Apologies

Carl Green	Wyre Council
Rachel Crompton	Lancashire County Council (Flood Risk Management)
Phil Wylie (PW)	United Utilities (UU)
Elizabeth Lowe	Environment Agency
Tom Myerscough (TM)	Wyre Rivers Trust (WRT)
Chun Teh	United Utilities

1. INTRODUCTIONS

PL welcomed everyone to the meeting. There were a couple of new faces at the meeting so the following introduced themselves

- Pippa Hodgkins will be replacing Christine Hamilton representing the Environment Agency Partnership and Strategic Overview team.
- Ben Rogers will be attending representing Lancashire County Council Flood Risk Management Team.

2. APOLOGIES

Apologies were noted as above.

3. MINUTES OF PREVIOUS MEETING

The minutes of the meeting of 24 February 2022 were agreed.

Matters arising

Preesall

- PL confirmed that he had yet to contact the owner of Willow Grove caravan park, Preesall re cleaning of the ordinary watercourse behind Roslyn Crescent.

Action - PL

- PL reported that he and GK had inspected the watercourse to the west of Park Lane and confirmed that the watercourse on the east side of Park Lane does flow to the west. This is further confirmed by historical records that show the original run of the watercourse. Details have been forwarded to Preesall FLAG.

Stalmine

- MO reported that the highway at the junction of Highgate Lane and Staynall Lane is still outstanding – LCC have replaced a broken culvert in the area, which has significantly improved the flooding situation, but there remain surface water flooding at the junction, especially after heavy rainfall. MO to investigate further.

Action - MO

Churchtown

- GK confirmed that the EA have inspected the large flap valve 10m downstream of Ainspool Bridge, Churchtown but couldn't find any fault.
- GK confirmed that the EA have checked the tidal gauge at Six Arches caravan site following a query from Churchtown FLAG noting a double peak in the data. GK reported that this has been put down to excessive rainfall from Abbeystead and not a fault with the telemetry. GK confirmed that he had informed the FLAG.

Thornton

- MO reported that he had instructed his team to raise the footpath in front of the two properties on Fleetwood Road North, north of Springfield Drive, Thornton. The work is imminent. He would check and report back to the next Flood Forum meeting.

Action - MO

- MO confirmed that LCC (Highways) have undertaken the cleaning of several culverts in Thornton but could not specifically confirm whether the culverted watercourse on Wembley Road had been checked and cleared. He would check and report back to the next Flood Forum meeting.

Action - MO

- MK reported that the gauge boards for Brookfield Road screen and on the bridge at Bay Horse have been used elsewhere. It was noted that TM had offered to provide them if necessary – PL to contact TM to see if these could be made available, and report back to the Flood Forum.

Action - PL

- GK reported that the camera promised for Sandyforth Arms has still to be installed. He confirmed that he has the camera but has yet to get round to having it installed.

Action - GK

- PL noted that one of the actions was for UU to look at the surface water drain adjacent to 104a School Road to see if the hole in the pipe is still required and whether it would be possible to block this off. As no representative was present from UU to provide an update, this was added to the actions for the next meeting.

Action - PW

- PL reported that he has yet to contact the riparian owners of the watercourse on Fleetwood Road South which is reported to be restricting the local surface water system from discharging due to a blockage in the watercourse.

Action - PL

- GK reported that the embankment repairs at Whites Brook and Stockenbridge embankments have now been completed. He confirmed that he and TM had yet to meet to discuss options to hold back water to reduce the flood risk to Moss Side Lane, Great Eccleston.

BB is also looking to be involved in this issue, following a complaint from residents that the flap valves on Moss Side Lane are not operating properly.

Action - GK / TM / BB

- MO reported that works in Hambleton were largely completed. There are still a couple of issues to address on Carr Lane, which may be on private land.

Action - LCC

PL reported that no complaints have been recently received from either Kiln Lane (including Sherbourne Road) or Paul Lane, following the recent drainage works.

PL asked whether there were any updates re clearing of the watercourse on Marsh Lane, Hambleton. GK replied that this was still being discussed with the riparian owner.

Action - EA

- PL asked whether LCC (Highways) had any further update on flooding to High Street, Garstang. MO repeated his thought that the pipe discharges close to the bridge adjacent to the EA barrage and not, as first thought, to the river at the car park on High Street. He added that further investigation of the drainage in this area is required. PL and MO to investigate this further on 10 June and report back to the Flood Forum.

GK noted that there is an outfall from a culverted watercourse downstream of the weir which may take the drainage; this to be investigated as part of the site inspection.

Action - PL / MO

- MO reported that LCC (Highways) have undertaken works on Longmoor Lane, Garstang to repair a broken pipe which had been damaged by BT. It is hoped that this will resolve the long standing flooding issues here.
- PL reported that he still not managed to arrange a meeting with Haven to discuss Springfield pumping station – this needs to be sorted to ensure that its future usage and maintenance can be agreed.

Action - PL

- GK noted that there is a broken pipe in the embankment downstream of the bridge at St Michaels. He asked whether this had been sorted between LCC (Highways) and UU. MO confirmed that there was still some uncertainty over responsibility for maintenance of the pipe. It was agreed that further information was required and UU needed to look into this matter further.

Action - PW

- MO reminded the group that LCC (Highways) still had a pump on site in St Michaels to respond to flooding issues. He added that LCC have undertaken some cleaning

works to ensure that the existing drainage system discharges to the river, but additional works are required. He confirmed that the system is private, although it does take some highway drainage. He noted that a long term solution is required to either improve the drainage system or discharge the water elsewhere. BB confirmed that LCC (LLFA) is undertaking a Section 19 for this area which may identify issues that need to be addressed.

It was noted that UU have a surface water pumping station nearby which could be used to discharge the surface water. It was noted that UU may have an issue with liability here should the pump fail or be unable to cope with the additional volumes.

PL suggested that the local residents could install and maintain their own pump to protect their properties. GK said that community operated pumps were in use elsewhere and that it may be necessary to have a conversation with the right people from St Michaels to see if this was possible. PL noted that the FLAG was not very active with the loss of its two main members; it was considered that this may have to go through the Parish Council.

GK suggested that the purchasing of a suitable pump could be organised through the Quick Wins pot.

PL asked whether it would be possible to reroute the highway drainage to the west of the A586 to reduce the volumes of water in the system and allow the current system to cope with the reduced flow. MO to investigate if this is a possibility.

4. UPDATES FROM MEMBERS

i) Wyre Council

- PL confirmed that there had been no FLAG meetings ahead of the MSfW this quarter. He noted that Preesall FLAG were planning to meet on 30 May.
- Some FLAGs have provided information by email (see Section 5 below) – in lieu of any updates from the FLAGs the Issues & Actions log lists all current issues. (see Appendix A)
- The main issue that Wyre is involved with remains the construction works adjacent to Sunnyside Terrace, Preesall. PH confirmed that the EA have not yet received an application for works, BB confirmed that LCC had not received one either. TM to make application for consenting of works at the earliest opportunity.

PL confirmed that consent is still required from local landowners

Action - TM

- PL noted that Churchtown FLAG are looking to undertake drainage clearance works and installation of a penstock to keep surface water within Green Wood during peak flooding. PL / MO to liaise with the FLAG to arrange works.

Action - MO / PL

- PL reported that he had received an enquiry from a resident on New Lane asking for an update on any plans to desilt Hillylaid watercourse between New Lane and Belvedere Road. GK replied that he had yet to get a quotation for these works, but noted that the high level of the culvert at Belvedere Road raised questions as to the effectiveness of undertaking these works.

Action - GK

- PL reported that he has received a thank you from a resident on New Lane for the removal of two trees from Hillylaid Pool.
- PL reported that he had yet to receive any update from National Highways re the cleaning of the culvert under Amounderness Way. He will chase this up and report back to the Flood Forum.

Action - PL

ii) Environment Agency

- GK confirmed that embankment repair works have been undertaken to Stockenbridge, Inskip Brook and Moss Side Lane, St.Michaels.
- The trees downstream of Kirkland Bridge (as reported by Churchtown FLAG) have been removed.
- The trees on New Lane, Thornton have been removed.
- The stop logs on the Garstang barrage are still in place and are likely to remain in place for most of the summer. He reported that the basin is only operating at 75% capacity. He added that work is in progress to inspect the east gate before any remedial works are undertaken. He added that an update would be included at the Flood Forum.
- GK reported that works on the repairs to the Catterall flood basin embankment are still ongoing – he confirmed that the temporary repairs were holding OK.
- GK reported that the EA are still working on installing an access ramp to the outfall at Stanah pumping station to undertake desilting works. He confirmed that ground investigation works are now complete and the design of the ramp is being drawn up.

iii) LCC Highway Authority

- MO reported that LCC continue to undertake highway gulley cleaning, more planned and reactive maintenance.
- Works on Longmoor Lane, Garstang to resolve the continued flooding have been completed – this was found to be a broken highway drain which had been damaged by utility works.
- Works to Fleetwood Road North, to raise the footpath at the junction with Springfield Drive, are planned for 6 June.
- Further investigations into flooding on Wheel Lane, Pilling have been undertaken – it remains unclear exactly what is causing the flooding, although works to clear three culverts have been ordered. An update will be provided once the cleaning works have been undertaken.
- Two dig downs are planned to be undertaken on Breck Road, Poulton, during the school holidays to resolve long-standing flooding issues.
- Garstang Old Road, Catterall – investigation works are currently being undertaken to look at flooding issues there.
- St Heliers Place, Barton – works have been continuing to resolve flooding issues.

iv) LCC (Lead Local Flood Authority)

- BB noted the addition of Broad Oak Avenue, Garstang to the Issue & Actions Log (issue 22/7). LLFA are looking into this issue.
- BB has informed local MP of investigation into flooding behind Sefton Ave., Poulton. The issue is not one that the LLFA can enforce on as there is no watercourse in the vicinity. The LLFA and MSfW group will, however, continue to raise this as an issue with the current land owner.
- BB confirmed that the LLFA have been asked to undertake inspection and enforcement on ordinary watercourses in Preesall, around Meadow Ave and Rosslyn Ave. He confirmed that a CCTV survey has been undertaken on the two outfalls on Rosslyn Ave to Wheelfoot watercourse. He added that once the outfalls had been shown to be functioning properly, the LLFA would work their way back to Meadow Ave. ensuring that the watercourse is clear and functioning.

PL noted that there are two main areas of concern on this watercourse network – first, the condition of the watercourse behind Rosslyn Crescent, which is fully overgrown, and secondly the intersection of the east Meadow Ave watercourse at Pinewood Ave, where it has been culverted without consent and where the adjacent properties have built a fence line too close to the watercourse.

BB noted also the watercourse adjacent to Hawkshead Road and that adjacent to Sandy Bay caravan site were both heavily silted up as they went north. It was considered that both watercourses have now been reversed due to the outfalls being buried on the beach, and do in fact now flow to the south.

- BB reported that the LLFA have received a request by Royles Brook School, Thornton to check an unconsented culverting of the watercourse downstream of the school. He said that LLFA will be checking the local drainage during the school holidays.
- BB reported that Network Rail have agreed to carry out maintenance of the watercourse to the rear of School Road, Thornton.

v) United Utilities

No representative from United Utilities was present at the meeting. No updates received.

vi) Wyre Rivers Trust

No representative from Wyre Rivers Trust was present at the meeting.

- PL reminded the group that TM has arranged a visit for Flood Forum members to the Abbeystead Estate on 9 June 2022 to look at the Natural Flood Management works that have been undertaken.
- PL noted that TM has been working on the Sunnyside Terrace scheme to reduce flooding from the land to the rear of Sunnyside Terrace. It is planned that the works will be undertaken this year. TM to provide an update to the Flood Forum.

Action - TM

5. ISSUES FROM FLOOD FORUM AND FLAGS

PL noted that there was only one new issue to add; all issues are included in the Issues and Action log (Appendix A).

Churchtown FLAG

- As above, MO / PL to meet with FLAG to arrange clearance of surface water drains on The Avenue, check outfalls adjacent to the Memorial Hall and install penstock downstream of Green Wood.

Action - MO / PL

- GK noted that the two trees reported by the FLAG floating in the River Wyre, approximately 300m downstream of Kirkland Bridge have been located and removed.

Garstang FLAG

- As above, PL and MO to investigate flooding to High Street 10 June and report back to the Flood Forum.
- BB to investigate new flooding issue to Broad Oak Ave., as detailed above.
- Works continuing on repairs to the east gate of the Garstang barrier. GK to update as part of the EA report to the Flood Forum.

Great Ecclestone FLAG

- No new issues to report.

Hambleton & Stalmine FLAGS

- Nothing new to report this quarter.

Out Rawcliffe FLAG

- No-one was available to meet ahead of the MSfW meeting

Preesall FLAG

- Meeting cancelled and rescheduled for 30 June.

Pilling FLAG

- No-one was available to meet ahead of the MSfW meeting

St Michaels FLAG

- No-one was available to meet ahead of the MSfW meeting.

Thornton FLAG

- Desilting works to Hillylaid Pool from New Lane to Belvedere Road – GK has agreed to price the works but notes that the benefit from undertaking the works need to be sufficiently high to warrant the works – noted that culvert level at Belvedere Road is higher than the watercourse bed, so dredging works may have little or no effect on the watercourse.

- Pavement works to properties on Fleetwood Rd Nth. – MO confirmed that these are scheduled for 6 June.
- Update requested for the wetlands area planned for King George's playing field. TM to provide an update at the Flood Forum.

Action - TM

- Update requested on cleaning of culverts by National Highways under Amounderness Way. PL to contact NH and report to the FLAG.

Action - PL

- Update requested re clearing the Anchorsolme Lane East dyke blockage on Marsh Farm. GK to check and report back to Flood Forum.

Action - PL

- Update requested re land opposite Iron Horse pub on Fleetwood Rd Nth (designated SA1/3 in Local Plan). PL noted that he is aware that the land is expected to be developed for residential housing but was not aware of any application at the moment.

- Update requested on works by EA on the outfall from the Stanah pumping station. GK reported that preliminary investigative works have been undertaken ahead of drawing up of proposals.

- Update requested on cleaning of culvert by National Grid on Stanah Road. PL to contact NG and report to the FLAG.

Action - PL

6. UPDATES TO ISSUES & ACTIONS LOG

The updated Issues & Actions list is attached at Appendix A.

PL asked that members check the list and update as much as possible as many of the issues were long-standing.

Action - All

7. NEW ISSUES

Broad Oak Ave, Garstang – See Issues & Action log 22/07

8. ANY OTHER BUSINESS

MO asked whether a site visit to Stanah pumping station for LCC drainage team. PL said that if MO could provide numbers and a suitable date he will show them around.

Action - MO / PL

9. NEXT MEETING

25 August 2022, 10am start – The meeting to be in person only – not on Teams.

Details to follow.

APPENDIX A

Issues and Actions Log - Updated 1 June 2022

WYRE COUNCIL FLOOD FORUM – ISSUES & ACTIONS LOG



New / Urgent issue **R**

Ongoing issue **A**

Completed issue **G**

Updated text in bold/red

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
22/01 Feb 2022	The Avenue	- Surface water drainage from The Avenue direct to River Wyre to be cleared and route confirmed	Churchtown	LCC	WC		01/06/2022	- Works planned to be undertaken in June in conjunction with FLAG	A
22/02 Feb 2022	Green Wood off A585	- Surface water discharge from Green Wood to be restricted to prevent excessive flow to Ainspool Lane. Potential to install penstock to maintain surface water within the wood.	Churchtown	LCC	WC		01/06/2022	- Works planned to be undertaken in June in conjunction with FLAG	A
22/03 Feb 2022	Trees in River Wyre	- FLAG reports two trees in River Wyre approx. 300m downstream of Kirkland Bridge	Churchtown	EA			UPDATED 01/06/2022	- Issue previously reported but EA not able to locate trees - Trees removed	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
22/04 Mar 2022	Flooding to High Street, Garstang.	- Flooding on highway to be investigated. Suspected outfall to River Wyre adjacent to High Street car park to be checked for issues.	Garstang	LCC	WC		UPDATED 01/06/2022	- LCC to check tidal flap at outfall to River Wyre and ensure that the pipe is clear. - LCC / WC to investigate drainage June 2022	A
22/05 Mar 2022	Flooding on Longmoor Lane, Nateby	- Regular flooding of highway	Garstang	LCC			UPDATED 01/06/2022	- Long standing issue – LCC to investigate issue but suspected riparian responsibility - Works undertaken by LCC to replace broken drain. Are to be monitored for future flooding issues.	G
22/07 May 2022	Flooding to properties	- Repeated flooding to residential properties - Residents blame lack of maintenance to local watercourse, although this is a considerable distance from affected area.	Garstang	LCC	UU , WC		NEW 17/05/2022	- Flooding reported. Similar to previous flooding 31 Oct 2021	R
19/21	Great Eccleston pumping station 52544 - no evidence of sewage discharge from pumping station into the Wyre even though sewage discharged from pipe on Rawcliffe Road (see 19/20)	- UU to investigate and report back to Forum	Great Eccleston	UU			UPDATED 18/02/2021	Ongoing: - Site visit undertaken July 2019. - UU continuing to look into this. - UU remodelling network, including proposed new major housing development. - The project to accommodate the Great Eccleston development has been approved, and is with UU's Engineering and Capital Delivery team who have been tasked with providing a solution to alleviate the predicted detriment to the network. This is programmed to start in April 2021. Hopefully, (and if required) site investigations will be completed through June and July 2021, to then enter the discussions and contracts with UU's Contractor Delivery Partners in September 2021.	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
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 01/06/2022	<ul style="list-style-type: none"> - Network inspected by WBC. Riparian owner of watercourse has undertaken clearance works at WBC's request - UU have inspected the outfall from the adjacent foul pumping station. The final section of pipework and the outfall accommodates both the overflow from Great Eccleston WWNT PS and a local watercourse that takes the highway drainage serving Raikes Road. The CCTV survey found no operational issues on this section and the upstream sections of the PS overflow. However, it was not possible to camera right up to the shared outfall due to a bend in the pipe. A joint site inspection carried out by UU (PJW) and WBC (KG) found the waters in the Wyre above the outfall so it was not possible to inspect the flap valve (re-visit required). Please note that the modelling work carried out by UU indicates that flooding will occur from the manholes on the outfall and possibly the manholes on the piped watercourse (not included in the model but has very similar cover levels to that of the outfall) when the Wyre is high and the outfall closed. - Watercourse to west side of lane to pumping station has been cleared. No further flooding issues noted. No further action required. 	G
21/07	Flooding to Moss Side Lane – road impassable due to overflowing watercourse	<ul style="list-style-type: none"> - EA to look at Whites watercourse which is overflowing onto land to the east. - LCC (Highways) to consider raising road levels 	Great Eccleston	EA	LCC		UPDATED 01/06/2022	<ul style="list-style-type: none"> - Works programmed for the end of March 2022 to restore right bank crest level after overtopping damage. - LCC investigating repeated flooding 	A
19/06	Flooding of highway, Carr Lane, Hambleton	<ul style="list-style-type: none"> - 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 01/06/2022	<p>Ongoing – works undertaken</p> <ul style="list-style-type: none"> - 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. - Highway drains cleared from Sandy Lane to Queensland. Damaged pipe repaired. 	A

								- Highway drains cleared/repaired. Some outstanding root issues to be resolved summer 2022.	
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 01/06/2022		G
								- Monitoring of drainage only to be undertaken. No further action required.	
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 01/06/2022		G
								- Monitoring of drainage only to be undertaken.	

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
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	LCC			UPDATED 01/06/2022	- Planned site inspection by UU Wednesday 24/02/2021 - UU have cleaned surface water pipes but report that watercourse requires desilting. EA to look into. - EA liaising with riparian owners to have watercourse cleared	A
21/08	Bluebrook Ave. Foul flooding during heavy rainfall events	- UU to investigate	Hambleton	UU			27/05/2021	- New issue	A
21/03	Flooding to property on Sunningdale Place, Inskip PR4 0UB	- UU to investigate and report to Flood Forum	Inskip	UU			18/02/2021	- 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.	A
20/11	Flooding of the highway at the junction of St Johns Ave and School Lane	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/2021	- Query - check with LCC whether cleared. No issues in January 2021	A
20/12	Flooding of highway on Smallwood Hey Road	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/21	- Jan 2021 road still flooding along middle length of road. No complaints of residential flooding.	A
20/13	Flooding of highway on Moss House Lane. Concerns that housing development under construction adjacent to highway is exacerbating flooding	- Wyre Council Engineers and Planners to investigate	Pilling	WBC			UPDATED 17/02/21	- Site inspected by WBC Engineers. - WBC Planners have written to Developer to discuss flooding issues. - Developer is proposing changes to surface water drains to divert water away from watercourse Moss Side Lane. Details awaited. - Revised plans from developers approved	A
20/14	Highway drain on Lancaster Road (adjacent Bodkin Hall) blocked	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/21	- Check with LCC (Highways)	A
20/15	Flooding of highway on Carr Lane - Flooding outside Melrose and Ibrox	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/21	- Check with LCC (Highways)	A
20/16	Flooding of highway on Taylors Lane	- LCC to investigate for blocked gullies	Pilling	LCC			UPDATED 17/02/21	- Collapsed sewer near to Mill - not repaired. - Surface water flooding	A
21/13	Flooding Wheel Lane	- Investigate flooding on Wheel Lane and complaint re local development	Pilling	LCC / WBC			UPDATED 24/05/2022	- Site visited by WBC and LCC – residents spoken to. Watercourses cleaned out north of flooding. Dye test to be performed to determine where package treatment plant discharges.	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								- Dye tests (17 May 2022) confirm connection to watercourse on Wheel Lane. CCTV inspection of sections of culverted watercourse to be undertaken to look for blockages.	
20/10	Flooding to properties on Snowdrop Dell, Hardhorn Road and Linderbreck Lane, Poulton 11 August 2020		Poulton	UU	LCC		UPDATED 01/06/2022	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. - No further action required.	G
22/06 7 April 2022	Sefton Ave., Poulton	- Flooding of property from field to rear	Poulton	LCC	EA		07/04/2022	- LCC/WBC visited site with Wainhomes to establish source of flooding	A
19/07	Sunnyside Terrace has suffered a number of flooding events which have included internal flooding to properties – the most recent event was 22 November 2017. The MSfW Group is looking to undertake initial works to carry out works to Green Lane watercourse to ensure that there is a clear discharge point for excess flood water. LCC have obtained a grant to undertake capital works to reduce the risk of flooding.	- 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 01/03/22	- Desilting of watercourse completed by LCC – approx. 500m cleaned either side of Green Lane. - Walk through of Green Lane East watercourse undertaken (LCC/WBC). - Draft pumping plan written. - LCC to clear/desilt culvert under Cart Gate - practice trial of pumping plan undertaken - LCC to undertake road resurfacing July 2019 including additional gully and to look at road levels to reduce drainage runoff. - LCC works completed - watercourse cleaned out. - Inspection of northern part of Green Lane East watercourse to be inspected to look at clearing by EA. - New sub-group of MSfW formed to look at works on Preesall Hill.- See Sub-Group - Rivers Trust looking to introduce measures to reduce runoff from Preesall Hill towards Sunnyside Terrace. - Changes to profile of Preesall Hill presents problems with the WRT plans to reduce flows - requires meeting with landowners. - LCC to undertake topographical survey of Preesall Hill to allow revised drainage plan to be drawn up by WRT. - WRT have produced works plan for Preesall Hill. To be presented to residents March 2022	A
19/08	Watercourse to rear of Meadow Ave, Preesall in urgent need of cleaning and reinstatement. Watercourse takes surface water from Pilling Lane and estate around Meadow Ave.		Preesall	WBC	LCC / EA		UPDATED 01/06/22	- 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.	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								<ul style="list-style-type: none"> - 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 - May 2022 - LCC investigating watercourses from Wheelfoot watercourse back to Meadow Ave to ensure free flow of water. 	
19/09	Pilling Lane, Preesall - Highway floods during heavy rainfall events. Road is only passable with care.		Preesall	WBC	LCC / EA		UPDATED 25/02/22	<ul style="list-style-type: none"> - LLFA (FRM Team) to investigate, potential enforcement action required - Flooding presumed to be linked to Meadows Ave watercourse and to be considered as the same issue - Still outstanding. Site to be inspected as part of community walkabout on 30 May 2018 and action planned. - LCC to investigate - see 19/08 - LCC confirm that there is no connection from Pilling Lane to Meadow Ave. - WBC confirm that surface water discharges from Pilling Lane into watercourse on Meadow Ave. Watercourse requires clearing. - EA planned targeted desilting to remove constructions and aid flows to pumping station. Work scheduled for the end of summer 22. 	A
19/11	Lancaster Road, Preesall - Flooding of fields and Lancaster Road. Road requires to be closed when flooded. Dykes are not draining, possibility of blockage under highway. Investigate if there is a blockage in the culvert.	<ul style="list-style-type: none"> - Undertake preliminary investigations - Undertake appraisal to identify possible actions 	Preesall	LCC	WBC / EA		UPDATED 01/06/22	<ul style="list-style-type: none"> - LLFA (FRM Team) undertook initial site investigation and met local residents on Tuesday 15 November. - Dyke full and very limited flow. Maintenance cannot be undertaken on network of dykes until obstruction can be found and removed. - FRM have undertaken an investigation in January 2017. Culvert under highway was cleaned out and jetted to remove silt build up. Further works are required as there is a capacity issue and the embankment is slipping into the ditch. - Culvert now cleared. Works required to repair culvert end wall – LCC to undertake these summer 2017. 	G

									RAG
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.	<ul style="list-style-type: none"> - Making Space for Water Group to hold a walkover of Stalmine issues with new FLAG. Date to be organised 	Stalmine	ALL			UPDATED 01/06/2022	<ul style="list-style-type: none"> - EA have undertaken maintenance of - Drainage from new site agreed to discharge to culverted watercourse on Lynwood Drive. No further action required. 	G
17/16	Embankment issues - Split in the bank of Wyre on south side downstream from Stockenbridge Farm (email 05/04/2017)	<p>Stockenbridge update for June 17 WFF</p> <p>1) A gateway on the crest has been reinstated with concrete slab to match the embankment crest level.</p> <ul style="list-style-type: none"> - 09/07/18 Works we had planned to carry out have been carried out. - No funding has allocated for any additional works. <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</p> <ul style="list-style-type: none"> - 2/7/18 Works we had planned to carry out have been carried out. No funding has allocated for any additional works. - 05/11/18 - Aiming to carry out our usual embankment maintenance next as published online. Challenges around funding for any 'in-year' repairs until after April 2020 at earliest. If any 'Emergency Works' are identified funding would be made available but would require sign-off from Operations Manager. - 04/02/2019 looking at repairing the slump in the embankment at Stockenbridge 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. 	St Michaels	EA		M17 & 018	UPDATED 01/06/2022	<ul style="list-style-type: none"> - Works completed. No further action required. 	G

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
18/26	Rivermede embankment - ongoing monitoring of the embankment at residential property	- Resident to continue to monitor the embankment	St Michaels			R17	UPDATED 01/06/2022	Ongoing. <ul style="list-style-type: none"> - Knotweed treatment has taken place on the embankment and tree removal work is being scoped. The embankment is judged to be stable and EA are liaising with the landowner. - EA to continue to monitor. - EA are planning minor tree work to lessen flows being directed onto the gabion baskets. - When river is high garden is being flooded by leakage through embankment. What are EA planning to do with gabion baskets? - Programme work for 21/22 to investigate embankment to determine depth and width of gabion baskets and also potential seepage routes. Investigation will inform potential construction work. - Erosion is worsening / baskets are falling apart – Can EA confirm that investigation has been completed – what were findings? - Investigations funded for this year- to determine depth and width of gabion baskets and also potential seepage routes. Investigation will inform potential construction work. - Site investigations to inform formal design due shortly. 	A
19/20	Rawcliffe Road, St.Michaels - sewer pipe opposite Catterall Farm is surcharging and discharge into watercourse	- UU to investigate and report back to Forum	St Michaels	UU	EA		UPDATED 17/05/2021	<ul style="list-style-type: none"> - UU are actively investigating. - <u>Agreed that this is not an issue for MSfW but is for UU to resolve.</u> - FLAG asked that this item remain on list as it leads to flooding of highway. - A full survey of the rising main has been completed and the preliminary findings appear to show the rising main to be in good condition. The possibility of taking another sample of the rising main at a location closer to the station is being considered. However, UU are still waiting for the full report before any decision can be made with regard to increasing the pass forward flow (PFF). In the meantime the existing pumps and air valves will be refurbished/serviced to ensure they are ready and capable of delivering the increase in the PFF, should the rising main be structurally sound enough to take the increase in pressure. The ongoing issues at Rawcliffe Road will form part in the solution development, but implementing the solution will stand alone and require additional investment and approvals. Please see 19/21 - UU to provide update. EA to confirm details of licence / warnings and enforcement. 	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
20/03	White's Bridge on A586 - bridge structure leaking and water flowing onto highway, causing flooding	- LCC to investigate	St Michaels	LCC	EA	I22	UPDATED 17/05/21	- 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 25/02/2022	- Flap Valve No.2 south bank of Wyre and downstream of the bridge is the only ancillary that appears to relate to a UU asset. - Initial inspection required as previous visits have not be able to locate the flap valve due to water levels and vegetation. - EA to arrange site visit with residents to discuss clearing of watercourse by valve 1. - UU to confirm location of valve 2 – check it is working OK - EA - recommended to pick up actions in separate working group.	A
20/21	North bank of River Wyre just west of bridge - erosion/slump of lower river bank		St Michaels	EA		S18	UPDATED 01/06/2022	- 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. - EA contacting landowner. Monitoring slump, Landowner has agreed to fence off area. - Works completed. No further action.	G
20/24	Frequent highway flooding of A586 between St Michaels Garage and Compton House		St Michaels	UU		Q16	UPDATED 17/05/21	- LCC to confirm whether works completed.	A
20/25	Bank slump/erosion confluence of New Draught and Old Draught or New Draught and Brock (not sure reported by a bank maintenance person when mowing in late Sept 2010 - not viewed by FLAG)		St Michaels	EA		AC22 or Z/AA 18	UPDATED 25/02/2022	- EA will continue to monitor and bid for funds to repair. Current erosion not yet affecting the raised embankment. - Confirm that it is being monitored. - Being monitored through maintenance programme and asset inspections - Monitoring embankment condition. EA to contact 3rd party landowner to fence off.	A

21/09	Flooding to Allotment Lane	- Flooding of highway, and sewage flooding to gardens.	St Michaels	LCC	UU		NEW 17/05/2021		A
18/15	The Thornton FLAG has asked the EA if they can de-silt sections of the Hillylaid Pool system (assets 347659 and 375191). We had a reply from Paul Bond stating that they hoped to survey the area this summer. Does this mean that they agree with us that the weed cutting isn't sufficient so this will not now be done? Is the survey work to enable them to get the information they require so that they can decide what equipment and manpower will be required to do the de-silting?	- Nothing planned in this year's programme. Community Group can go ahead if they start from upstream end and need to apply for Permit. - Response provided ahead of May 18 WFF	Thornton	EA			UPDATED 01/06/2022	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. - Survey has identified that there is limited benefit to desilting this section. As, the invert level of the Belvedere Road bridge is higher than School Road outfall. We will continue to do our frequent maintenance weed cutting in this section. - EA looking at benefit in undertaking desilting works.	A
19/14	School Road, Thornton -Several properties on School Road flooded Nov 2017. Source of flooding appears to be surface water from local surface water drains, suspected blocked highway gullies and poor maintenance of watercourse behind properties	- LCC to carry out cleaning of local highway gullies WBC to contact Network Rail re maintenance of watercourse - 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.	Thornton	WBC	UU		UPDATED 01/06/22	Carried over from MSfW Hot Spots Ongoing - Gullies cleaned 29 May - 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.	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								- LCC report that Network Rail will undertake further maintenance works on the watercourse behind School Road in year 2022/23	
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
19/27	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 01/06/22	- Inspection / cleaning works in progress. FLAG have been invited to see works. - Report to be updated and passed to FLAG. - Most inspected and found to be OK - A585, Marsh Mill and Stanah Gardens yet to be checked - Update to be given at Flood Forum 16 May 2022	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 01/06/22	- 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 - LCC have cleaned/repared drains. No further action required.	G
20/06	Norcross Lane / White Carr Lane - concerns that highway culverts under Norcross Lane and White Carr Lane (at junction with Bescot Way) are silted up	- LCC to inspect and clear as necessary	Thornton	LCC			UPDATED 01/06/2022	New from resident. - LCC works planned for April 2020 - Works delayed; site visit to be arranged - Works planned for week commencing 22 June	G

Last update 1 June 2022

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								- Works completed. No further action	
20/07	Flooding to Stanah Road at junction with Cathrow Road	- Suspected blockage in culverted watercourse	Thornton	LCC	UU		UPDATED 01/06/2022	New From FLAG / Resident <ul style="list-style-type: none"> - 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. - Watercourse cleared as far as National Grid site. Awaiting survey from NG on culverted watercourse on their site 	A
20/08	Royles Brook School, Thornton	- Suspected blockage in culverted watercourse	Thornton	LCC	UU		UPDATED 18/02/21	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - UU undertaking CCTV survey of public surface water drain. - LCC to check highway drains on Aintree Road and Fleetwood Road South - UU have checked the public surface water sewer from Aintree Road to Fleetwood Road South to 80m but no visual as camera underwater. Require LCC/WBC to check for any possible issues with highway drain/outfall. 	A
20/17	Flooding of highway to Lawsons Road on 11 August 2020	- LCC to investigate for blocked gullies	Thornton	LCC			UPDATED 01/06/2022	- LCC cleaned highway gullies on Lawsons Road and Briar Road.	G

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
								<ul style="list-style-type: none"> - 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. - All drains checked and cleared. Breakage in surface water drain at entrance to Torrentum Court repaired by LCC 	
21/06	External surface water flooding to the property Holmefield Close	<ul style="list-style-type: none"> - UU investigation into status of surface as it appears to be a piped watercourse not a public sewer. 	Thornton	UU			UPDATED 18/02/21	<ul style="list-style-type: none"> - It is UU intention to investigate the status of the pipe and have it reclassified as a watercourse. However, due to the current review into the procedure to change the status of a public sewer and the number of possible landowners it has been put on hold. - On hold as the process for having the status of a public sewer changed is currently being reviewed - NFA 	A
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	<ul style="list-style-type: none"> - LCC to investigate. No action to date. 	A

