

WYRE MAKING SPACE FOR WATER MEETING

Minutes of meeting held Thursday 30 May 2024
at Wyre Civic Centre.

Present

Paul Long (PL)	Wyre Council (Engineering)
Lorah Cheyne (LC)	Lancashire County Council (Flood Risk Management)
Nigel Rutledge (NR)	Lancashire County Council (Flood Risk Management)
Mark O'Donnell (MO)	Lancashire County Council (Highways)
Pippa Hodkins (PH)	Environment Agency
Melissa Hanson (MH)	Environment Agency

By Microsoft Teams

Phil Wylie (PW)	United Utilities
Lindsey Gregory (LG)	United Utilities

Apologies

Carl Green	Wyre Council (Engineering)
Ryan Hirstwood	Wyre Council (Engineering)
Rachel Crompton	Lancashire County Council (Flood Risk Management)
Graeme Kellott (GK)	Environment Agency

1. INTRODUCTION

PL welcomed all to the meeting and all introduced themselves.

NR explained that he would be taking on the responsibilities of Brian Birkett until his replacement starts later in the month.

2. APOLOGIES

Apologies were noted as above.

3. MINUTES OF PREVIOUS MEETING

The minutes of the meeting of 29 February 2024 were agreed.

Matters arising:

Hillylaid Pool, School Road, Thornton

PL asked for an update on the removal of the concrete block from Hillylaid Pool (to the rear of Baines School, School Road, Thornton) reported by Thornton FLAG. MH replied that this was not seen as a priority and had still not been removed. She added that this and the report that the embankment is collapsing will be addressed under routine maintenance works.

Action - EA

Sunnyside Terrace, Preesall

PL reported that he and MO had recently visited the field adjacent to Sunnyside Terrace and agreed with Cllr Rushforth to dig out the watercourse adjacent to Sandy Lane to improve drainage on the field and reduce the risk of flooding to properties. No date has yet been agreed for the work, but it is expected soon.

Action - LCC (Highways) / WBC)

The Avenue – Churchtown

PL reported MO had undertaken further investigative works at the junction on the Avenue and the A6 and carried out cleaning works and repairs to a damaged section of pipe. Details have been forwarded to the FLAG, who have asked for additional works on the east side of the A6. It was agreed that a further meeting with the FLAG and Wyre Council would be helpful to discuss further actions.

PL confirmed that, prior to the Flood Forum, he would recontact the owner of Green Wood on the Avenue to discuss the installation of a penstock to slow the flow from the Wood to Ainspool Lane. MO asked that PL also raise the issue of blocked watercourses within the wood.

Cottam Hall drainage

PW reported that he had asked for the drainage on and around the car park to be surveyed; as yet he has not received a report on the works. He will check and report back later.

Action - UU

Stanah pumping station:

PL asked whether there was any update on the transfer of the pumping station from Wyre Council to the EA. MH said that this remains with the EA's legal team and she was unaware of any update.

Springfield pumping station:

MH asked what the latest information was regarding Springfield pumping station, Fleetwood. PL replied that he has not recently spoken with the owners of Cala Gran Holiday Park about them taking over the operation and maintenance of the station – he would look to this soon and report back to the group.

Action - PL

White Brook watercourse:

MH reported that the banks have been made safe and that further works to reinstate the embankment would be undertaken soon.

Desilting works at Stanah:

MH confirmed that the works to desilt the outfall from Stanah pumping station (including the outfalls from Hillylaid Pool and Royles Brook watercourses) has now been completed.

Garstang floodgate:

MH reported that the design for the crane pad was in progress with work expected to begin on site in July / August. She added that the contractor did not expect that the works would be completed before the start of winter. It is expected that the stop boards will remain in place over winter.

Siltation survey:

MH confirmed that the survey has been completed. She said that the survey was disappointing and contained a number of gaps in the data where access had not been possible. GK will report back to the Flood Forum on this issue.

Foot bridge at Catterall flood basin, St Michaels:

MH confirmed that the works to replace the bridge are planned to start in June. She noted that there have been reports of badgers in the area of construction and this could delay works.

Intersection of Royles Brook and Anchorsholme Road East watercourse:

MH reported that the removal of debris blocking the watercourse at the junction of Royles Brook (from White Carr Lane) and Anchorsholme Road East has been raised with the maintenance contractor and is expected to be undertaken in July. MK to provide an update at the Flood Forum.

St Heliers Place, Barton:

NR reported that LCC have written to the landowners to remind them of their riparian responsibilities to maintain the watercourse. MO added that this was not an LCC issue and would be dealt with by landowners.

Inskip flooding:

MO reported that LCC have undertaken a full survey of the area flooded last year. He said that there did not appear to be any issues with highway assets – the main issue appeared to be a lack of maintenance of the ordinary watercourses. He asked that this issue be further discussed by all parties at a separate meeting to determine what, if any, actions are required.

LC added that she had been in contact with residents who run the community hall in Inskip and had sent them information from the Flood Hub to advise them on what actions could be taken to reduce flooding and its effects. She said that residents were keen to install features that would help do this.

Action - ALL

Blackpool Road flooding:

PL confirmed that LCC had cleared a blockage in the sewer system on Blackpool Road, Carlton in January. PW confirmed that UU have since attended the site and confirmed that the system is now operating normally.

Moss Side Lane, Great Ecclestone:

NR confirmed that the case still resides with LCC Legal Team and there is no update on this matter.

School Road, Thornton:

PL noted that Brian Birkett had been in discussion with Network Rail about desilting or daylighting the culvert to the rear of the properties. NR confirmed that there had been no further correspondence with Network Rail. BB had suggested a meeting with them to discuss options – LC to forward contact details for Network Rail to PL so that further discussions can be had on how best to tackle this issue.

Action - LC/NR/PL

Rosslyn Ave / Pilling Lane, Preesall:

NR reported that the investigation to confirm the outfall to Wheelfoot watercourse is still outstanding. MO confirmed that the highway drainage on Pilling Lane has been cleared and the outfall confirmed to run west to east to discharge into Wheelfoot watercourse – this is opposite to the UU and historic drain plans (which show the discharge into Meadow Ave). While unexpected, it does explain why the watercourse on Meadow Ave remains dry during rainfall events and where the water from Pilling Lane, including north of the roundabout, discharges.

PL noted that BB had requested a CCTV from Sorrel Close to the former outfall on the beach. The survey confirms that the discharge to the beach has been properly blocked and that water

in the watercourse north of the roundabout discharges to the south and thus to Wheelfoot watercourse.

Royles Brook School:

PW confirmed that UU would need to look for funding to reconnect pipes. He said that UU were concerned that the overflow from the pond was blocked – UU did not wish to discharge further volumes to the pond if it could cause flooding within the school. He added that he did not expect this issue to be fully resolved quickly.

Derby Crescent, Inskip:

PL confirmed that he met with Dave Andrews from UU to investigate the issue. He reported that the main issue seemed to be that the foul system is being inundated with surface water during rainfall events, which is causing the foul pumping station to overflow into the main river watercourse. There does not appear to be any single point where the water is entering the system, and it is unlikely that this issue will be resolved any time soon.

Bishop's Close, Poulton:

PW reiterated that the foul pumping station remained private and not a UU asset. He was not aware of any further odour complaints from the station.

Broad Oak Road, Garstang:

PW reported that UU are continuing to investigate the drainage in this area. There was nothing further to report at this time.

4. UPDATES FROM MEMBERS

Wyre Council

PL confirmed that he had met with representatives from Churchtown, Preesall and Thornton FLAGs. Issues raised were discussed – comments are detailed below, and the Issues & Actions log has been updated (see Appendix A).

PL noted that Thornton FLAG have asked for telemetry to be installed at D-Fit to activate Stanah pumping station earlier, when upstream levels are high before the level indicators at Stanah react to a potential flooding incident. PH said that water levels could be looked at once the station has been passed over to the Environment Agency.

CG reported that Wyre Council had been undertaking works on Royles Brook pumping station, Thornton. This included rewinding and overhauling of the three pumps to stop the excessive vibration during operation, and installation of a new telemetry system.

PL has been in touch with contractors to carry out the inspection of the culvert under Calder Ave, Thornton. Inspection is still being made difficult by the volume of water in the pipe and works are still ongoing.

PL reported that Preesall FLAG had reported that Park Lane flooded again recently but cleared quickly. MO said that this was possibly due to the outfall being partially blocked and would need to be checked.

PL has undertaken a walkthrough of the watercourses adjacent to Willowgrove caravan site in Preesall. The watercourses are blocked and not allowing water to flow. PL to try and identify the likely owners so that they can be cleared.

Action - PL

Environment Agency

MH reported that the tree that had fallen in St Michaels has now been removed and the embankment reprofiled.

MH reported that works to repair the collapse of the embankment at Whites Brook watercourse outfall, Great Eccleston are due to commence next week – these have been delayed due to the recent rainfall.

Routine maintenance of watercourses has begun. She noted that works were scheduled to commence in Catterall but, as the landowner had refused access, works started in Preesall. MH noted that residents in Preesall had complained that the works had been undertaken earlier than normal as the strimming works on the embankment had cut back some wild flowers which had established themselves there.

MH reported that the rain gauge at Pilling sewage works is faulty. The gauge has been repaired but since the last event there has been no accurate rainfall level.

PH reported that the works capital works at Hambleton are currently on hold until after the General Election next month. She noted that costs have significantly increased and requires additional funding. The proposed start date had been put back to early next year. She added that the scheme is currently being held up by Wyre Council's planning process.

LCC Highway Authority

MO reported that LCC are currently concentrating on default works; he said that the cleaning of 9,213 highway gullies within Wyre began in April and is expected to continue until September. He added that LCC have a new contractor working for them to address these works, as well as additional two gulley wagons dealing with blocked gullies reported via the reporting app "Love Clean Streets".

MO reiterated his report from last meeting that LCC has received money from the HS2 cancellation for funding works in the borough. He said that the following works are planned to be funded from this fund.

- A586 Churchtown
- Lord Street, Fleetwood
- Poulton Square, Poulton
- Victoria Road West, Cleveleys
- Rawcliffe Road, St Michaels
- Catterall Lane, Catterall
- Woods Lane, Inskip
- Whitters Lane, Winmarleigh
- School Lane and Moss Lane, Myerscough

LCC (Flood Risk Management)

NR noted that he was temporarily standing in for Brian Birkett, who retired recently; he confirmed that a replacement has been selected for BB but was yet to start work. In the meantime NR would be dealing with any issues arising.

NR reported that an issue has arisen on Hollins Lane, Forton where surface water drainage from a new development discharges to a private culvert – LCC and UU are working with

residents to resolve. PL noted that this is a repeat issue and due to a lack of maintenance of the culvert; he added that the Council had looked into this matter several years ago and noted that the culvert appeared to be blocked downstream of the site.

United Utilities

PW said there were no new issues to report.

PL asked whether there was any new information from the flowmeters in Hambleton. PW replied that the meters were merely confirming what was already known – that when it rains, the system fills up and creates localised flooding issues. The devices are not sensitive enough to determine where the excess water is coming from. PW said that UU are looking at possible solutions and that a major capital scheme is planned for sewer near The Beeches, Hambleton

PW confirmed that mitigation work was now complete to the property on Stricklands Lane, Stalmine and this is resolved as far as possible.

PW reported that UU are proposing to undertake a study of the catchment area for Kiln Lane, Hambleton pumping station to determine any issues.

Wyre Rivers Trust

No representative from the Trust was present at the meeting and no report was received in advance.

PL noted that WRY have funding to undertake the works on Sunnyside Terrace, Preesall and that they are proposing to start works this year – a side meeting will be required with WRT and local residents to decide on how best to undertake the works. PI to arrange a meeting with WRT

Action - PL

5. ISSUES FROM FLOOD FORUM AND FLAGS

PL noted that the Issues and Action log has been updated to reflect recent works and additional requests for actions. (An updated copy is attached as Appendix A)

FLAG Reports:

Churchtown FLAG

PL met with the FLAG via Teams on 28 May 2024.

The FLAG raised a number of queries in advance of the meeting, and these were addressed at the meeting.

Issues raised:

There has been no reported flooding since the last meeting in February 2024.

The following areas of concern were noted:

1 & 2.

The Avenue and Smithy Lane (see Appendix B – Churchtown plans)

Work done by LCC to repair the lower pipe 20m from MH7 (JC Jetz numbering). No further CCTV done to locate and investigate the junction beyond between 30 and 36m from MH7, that had been successfully jetted and cleared two years earlier, releasing backwater and silt that flowed for 30 mins into river behind the Memorial Hall. Mark O'Donnell is aware of this and the need to continue the investigation of all the connections from Smithy Lane and will be reporting back at the Forum. If the pathway from MH7 under the A586 to the river is proven, then the only further actions then needed to eliminate the Avenue nuisance flooding, will be to modify or rebuild MH7 to include a deep silt trap and clear it regularly.

It was agreed that this issue would be raised with LCC to consider additional investigation works on Smithy Lane.

3.

Ainspool Lane

Two plastic rulers obtained from EA? via WBC. One is to be attached by the CFLAG to Ainspool Bridge wing wall to indicate when the planned penstock should be reopened, and the other is held ready to locate in Green Wood to indicate when the penstock should be closed. Awaiting permission to allow the penstock experimental solution to be installed in the manhole on the opposite side of the A586 from Kirkland Hall Gateway. *PL confirmed that a further approach will be made to the owners of Green Wood to allow the installation of the penstock. When last asked, the owners were not against the installation but were unable to give a favourable response at that time.*

4.

Ainspool Field

No flooding recently, CFLAG to continue to monitor ingress locations as opportunities may arise during daylight flooding.

5.

Repairs to A586 drains

Noted that LCC have done repairs at several locations along the verges of the A586 west of the Ainspool prior to the total surface dressing, presumably as a result of prior pipe investigations.

Cleveleys FLAG

No meeting held ahead of the MSfW meeting. No report received.

Garstang FLAG

No meeting held ahead of the MSfW meeting. No report received.

Great Eccleston FLAG

No meeting held ahead of the MSfW meeting. No report received.

Hambleton & Stalmine FLAGS

No meeting held ahead of the MSfW meeting. No report received.

Out Rawcliffe FLAG

No meeting held ahead of the MSfW meeting. No report received.

Preesall FLAG

The FLAG met on 20 May 2024.

Issues raised:

1.

Dykes and Gullies – Cllr Rushforth has undertaken an inspection of the watercourse on the west side of Sandy Lane and received consent from the landowner to excavate the old watercourse. PL /MO to arrange for works to be undertaken. It was agreed that the FLAG would arrange access to the field with the current land user.

2.

Water Retention Scheme – nothing further to report at this times but it will be discussed further with Wyre Rivers Trust. *Works are planned by LCC (Highways) to dig out the watercourse adjacent to Sandy Lane in June and WRT are looking to construct the wetland area this year subject to landowner's approval.*

3.

Park Lane, Preesall – During the last heavy rainfall the road flooded again but quickly subsided. The recent works appear to be helping – the FLAG will continue to monitor the situation.

4.

Eskdale Ave / Consiton Ave – Concerns raised at last meeting by resident that the UU surface water outlet in the sea is blocked by rising beach levels and that the house is suffering flooding issues. *UU are aware of this and the issue remains with them.*

5.

Lancaster Road culvert – water levels either side of the culvert differ significantly; they are high on the north side but low on the south. *No update - LCC have previously inspected the culvert and noted that it is not blocked or restricted. Difference may be due to differing levels or the culvert being too high.*

6.
CCTV on Sunnyside Terrace still not working - PL to investigate.

7.
Green Lane watercourses – it has been noted that the water level on the west of Green Lane is significantly higher than that on the east side; it has been suggested that the two watercourses be joined upstream of the current connection to ease flooding to Sunnyside Terrace. *Option to be considered – no further update.*

8.
Rosemount Ave developments – PL has visited the site with Cllr Rushforth and Cllr Orme. Concerns have been made about the proximity of existing buildings to the watercourse and non-approved construction adjacent to the southern watercourse. *Issues to be raised at the MSfW meeting in May.*

Pilling FLAG

No meeting held ahead of the MSfW meeting. No report received.

St Michaels FLAG

No meeting held ahead of the MSfW meeting. No report received.

Thornton FLAG

PL met with the FLAG on 28 May via Teams; The FLAG had raised a number of queries in advance of the meeting and these were addressed at the meeting.

Issues raised:

1. Royles Brook pumping station:

The desilt of Royles Brook from the YMCA pumps to Meadows Avenue remains outstanding. Will the desilt still occur if the culvert alone is successfully cleaned?

The unsilted section in the dyke creates a higher low level than if it was cleared.

The emphasis of the works is to inspect the private culvert to ensure that there is no damage and to prevent any reoccurrence of the flooding of 2017 and 2023. If this can be done without desilting the watercourse at this time then the desilting works will be delayed to a more convenient time.

PS Gauge boards were to be relocated at the same time as the above desilting work. If the desilt work is delayed over a long time frame then could the gauge boards be fitted as an independent task? The gauge boards provide a clear indication that the level start equipment is operating correctly.

Yes, they can be installed separately. We look to install them this summer.

Once the culvert desilt is completed is the work to assess the Calder Ave Culvert with a camera survey still going to be undertaken and any damage to the culvert logged and repaired. Culvert integrity is key for containment and minimising contributors to the Calder basin.

The condition of the culvert is the main priority and will be given priority over other works in this area. Any repair will depend on the severity of the damage found and the cost to undertake this. The culvert is privately owned and it is not the Council's responsibility to maintain it – any excessive costs may need to be picked up by the residents or their insurers.

Third pump is now refitted but requires a Thermal Switch (does this mean a thermal overload)? There's been recurring electrical issues with the PS, will the electrical equipment be updated or improved, it's 35 years old?

All pumps in the station have been overhauled and mobile telemetry installed in the station. Pump 2 requires a new switch – the equipment is old and a suitable replacement has been sourced but not yet installed. It is unclear at this time if the replacement will be compatible with the old equipment but indications are that it should. Should there be further issues then an update may be necessary – this has not yet been considered.

The telemetry notifies the Severe Weather Officers by text. We need to gain confidence of this working and delivering early warnings to enable faults to be rectified. The recent thermal switch problem wasn't flagged up via the Telemetry, it only showed up on a failed start attempt.

The telemetry has been tested and shown to be working as designed. The fault on pump 2 was not flagged as a fault as the other pumps were activated and the station remained operational. The fault was then picked up as part of the inspection regime.

What is test schedule for the YMCA pumping station. Testing obviously shouldn't wait until there is a weather warning. Who does the test?

The pumps are visually inspected and tested every three months or when there is a fault reported. The testing is undertaken by Wyre Council engineering staff.

There were mootings of a camera at the PS and /or a remote level indication, is this still on the table or are we wholly reliant upon the telemetry?

There are no plans for a camera at the moment but this could be considered and linked to the mobile service that supports the telemetry.

2. Hillylaid Pool:

Location 31DD Various branch obstructions with a tree encroaching into the dyke. Photos previously supplied. This is on New Lane just down from the rail crossing.

Noted.

29 and 30 CC. Numerous obstructions which require removal. Access to the area quite poor. We had to cut back undergrowth to gain access. *Noted*

Outfall into Hillylaid Pool at the rear of 104A School Rd. Pictures previously supplied. Water only a few inches deep in the dyke with 1/3 of the culvert under silt. Area around this outfall requires desilting. *Noted*

25 CC Fallen brickwork and concrete across bottom of dyke still requiring removal. *EA are aware, but do not consider this as priority. It will be addressed in future maintenance works.*

3. Royles Brook

Woodlands Ave

King Georges field flood scheme works really well but we have noticed the water is very slow to flow down Woodlands Avenue. We suspect that silt from the work undertaken by the Wyre Rivers Trust has flowed and settled into Woodlands Ave thus limiting the flow downstream.

Were this the case it will have been noted by the EA silt survey,

The culvert under Fleetwood Rd North may also need checking for silt build up. *The culvert is regularly inspected by the EA.*

Location V16.

Our team gained access to Royles Brook behind one of the homes which the EA (Graeme Kellott) also visited. Work is still required to clear vegetation and fallen tree branches in this area. *Noted.*

Woodlands Ave location V18. Obstruction in the dyke, branches etc. Photo supplied. *Noted.*

Location W16. Small island with reeds etc in the middle of the dyke requires clearing. *Noted*

Location 14X. Fallen branches across the dyke adjacent to the Sandyforth Carpark. *Noted*

We are unable to check the condition of the dyke between locations 15X and 16X as it runs behind the houses. Could you please confirm if this section has been inspected as part of the EA programme?

Any update on the installation of telemetry at the D Fit camera location. As we have discovered over the years waiting for the Stanah Pumping Station to start automatically on high levels is too late to alleviate high levels in the Hillylaid Pool and Royles Brook dykes up stream. What will be the process and who will monitor the telemetry and start the pumps early at Stanah in the event of high continuous rainfall.

This has been raised with the EA but no decision as yet.

What will be the process and who will monitor the telemetry and start the pumps early at Stanah in the event of high continuous rainfall? *The responsibility will be passed to the EA – No decisions have been made at this time on starting pumps in advance of rainfall events.*

The development at the Hickory's Smoke House has commenced and a concrete foundation and wall installed next to the drain which flows from the west side of Fleetwood Rd North and joins up with the Springfield Dyke system. We have been informed that there should be a 5 metre separation zone between the drainage channel and any structure. We are informed that the planning department have been notified but as yet no action has been taken with regard to the removal of the base and wall.

It appears that the new wall is going to be backfilled to create a raised level, is this a loophole and is there confidence that nothing has been compromised?

Wyre planners have spoken with the developer and confirmed that the retaining wall is part of the works to raise land levels on the site. The wall will fully buried and an 8m easement to the watercourse maintained at all times. No further action is required.

How will the drainage ditch be maintained as the developer is now the riparian owner and is there a plan to install a brick chamber on the east side of the culvert under the road to allow clear access for Lancashire County Council Highways Division to maintain the culvert under Fleetwood Rd North? If no prior forethought has taken place can the planning department ensure that work is undertaken to remedy this situation? *Maintenance of the watercourse will be undertaken by a site maintenance company employed by the residents. Details of the company are not yet known as they have not yet been nominated.*

We have previously reported that the surface water basin on the Centurian Park development west of Fleetwood Rd North is highly dangerous with no lifebuoys or rescue equipment should anyone and in particular a child falls into the water. *The Developer has been informed of the FLAG's concerns. It is understood that this pond is now fully empty and is no longer a danger.*

How is this water storage being managed, is it being periodically pumped out? *During construction the pond will be maintained by the Developer; after completion the pond forms part of the surface water drainage system – any maintenance will be undertaken by the nominated management company.*

Has anyone from Wyre Council visited the site? *Not in relation to the specific concern.*

Stanah Area

Any update on the camera installation work at the Stanah Pumping Station from the EA and possible time scale for the work to be completed. *None yet.*

During recent exceptionally high tides the concrete tank from the screws was full and water wasn't exiting to the river. Any updates, what did the investigation find?

Tidal flaps were prevented from opening due to exceptionally high tides. Also noted that one of the outfall was partially silted up. EA have undertaken dredging works to clear silt at the outfall into the River Wyre.

The dyke at the Cathrow Way estate was requiring remediation by POS Landcare. Could you confirm if the work has now been completed please? *PL has spoken with POS who have confirmed that the watercourse has been recently cleaned out. PL noted that flooding of the highway outside Cathrow Way had occurred since the works have been completed. Most of the water is run-off from the fields opposite Cathrow Way rather than highway drainage; this needs to be brought up with the landowner.*

I believe the work is now complete on the National Grid site (please advise if not). What is the plan for checking all the outstanding sections up to the sump? *PL confirmed that the works on NG land are now complete. Any works in the highway will need to be looked at by LCC (Highways).*

Additional Issues

The long standing blockage at the junction of Anchorsholme East and Royles Brook on Marsh Farm. I believe the EA were attending to this. Any updates please. This could have an impact on the water levels in White Carr Lane although would restrict volumes coming into Thornton. *This work remains with the Environment Agency – the EA's contractor had some difficulty in accessing the area due to soft ground – EA will take another look when ground conditions are more favourable.*

Victoria Road East (East of Morrisons roundabout)

The highway's north side floods the gulleys and eventually flows across the footpath and into the gardens of around six bungalows, this then flows north and into the Calder basin. The tarmac footpath is dipped at each driveway entrance allowing rainwater to leave the highway and into the adjacent gardens. LCC have confirmed the gulleys clear but has the main section been proven which takes water away to Royles Brook?

MO yet to report whether connecting pipes are clear and not blocked.

The pond at Royles Brook School is very overgrown and the dyke which runs adjacent to the pond alongside Wordsworth Ave has a lot of rubbish and vegetation and the water is flowing very slowly. This is clearly the Schools responsibility but it needs sorting. Can contact be made with the school to chase up please? *The school has been made of the issues regarding the pond and overflow watercourse. It is the school's responsibility to maintain these.*

The investigation work being conducted in this area by UU and LCC is still not completed. Any updates please. *LCC (FRM) have undertaken a survey of the area. UU are looking for funding to install missing section in their system.*

We have had a report from one of our team who lives in the area saying that there are 5 areas of road surface on the stretch of Marsh Road along the side of the school that are sinking again. There is a particularly bad one opposite the Scout Hut which local people know to avoid in wet weather. Could this be linked to the surface water sewer under the road and the fact that its not known where it links to and is possibly broken? *This is unknown, but unlikely as the missing section is downstream of this site. Details have been passed to LCC (Highways) to investigate. No update to date.*

There are still issues on Lawsons Road with its junction with Briar Road. We are not sure if this was as a result of the dykes being full and that the levels were not reduced prior to heavy rain on the 23July last year. Has there been any investigation work in the area to check for blockages? *MO confirmed that no further inspections have been carried out since inspection of Torrentum Court a few years ago. Flooding is considered to be due to inability of local drains to empty quickly enough into Hillylaid Pool at high levels.*

We are very aware of the increasing problem with siltation in both Royles Brook and Hillylaid Pool. I know we are still waiting for the recent silt survey from the EA. Has this now been completed and will the results be shared at the forum and any possible remediation work discussed?

The EA have confirmed that the survey has been completed – a report will be given at the Flood Forum on 13 June.

We did some sample silt depth checks around the system last year and based on an average depth of 0.6m and width of 2m came up with the following silt volumes which are taking up valuable storage capacity. This will continue to increase, at what point will the EA restore this capacity?

Approx. silt volume of Royles Brook including the feed from Calder and Hillylaid Pool from the tee with Horsebridge = **11,934 m³**

If Springfield were to be included too then this increases to **13,794 m³**.

These are approximations but give an idea as to how much impact the silt is now having on system performance and probably explains why we now appear to be less tolerant of prolonged rain periods compared to decades ago when the system was better maintained by Wyre Council.

6. UPDATES TO ISSUES & ACTIONS LOG

The updated Issues & Actions log – 03 June 2024 - is attached at Appendix A

7. NEW ISSUES

PL asked LCC to look at the watercourse behind Pinewood Ave., Preesall where a local resident has extended their garden into the watercourse. He agreed to send details to NR and asked that LCC look to enforce the removal of the obstruction.

Action - PL / LCC

8. ANY OTHER BUSINESS

No matters raised

9. NEXT MEETING

22 August 2024, 10am start in person at Wyre Civic Centre and via Teams - Details to follow.

Appendix A

Issues & Actions Log

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
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 Highways	WBC		UPDATED 30/05/2024	<ul style="list-style-type: none"> - Works planned to be undertaken in June in conjunction with FLAG. - Works on hold following discussion with landowner. - WBC to write to landowner for consent. - Permission refused as Wood is now up for sale. New owner to be approached once the sale has gone through. - No update on proposed sale. - Works on hold pending update from landowner. - PL to contact landowner for update on permission. 	A
23/04 29 Aug 23	The Avenue	- Reopen issue 22/01 – Surface water drainage from the Avenue direct to the River Wyre – route to be confirmed	Churchtown	LCC	WBC		UPDATED 30/05/2024	<ul style="list-style-type: none"> - CCTV inspection abandoned due to blockage in drain. Route and condition of pipe to be confirmed. - Further investigation works to be undertaken. - Works undertaken to determine route. Damaged pipe relined – update to be provided by LCC to FLAG. 	A
19/35	Gubberford Lane, Garstang Query re surface water drain connecting to septic tank	- UU to speak with customer and provide feedback	Garstang	LCC Highways			UPDATED 30/05/2024	<p>Ongoing:</p> <ul style="list-style-type: none"> - 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. - No further UU involvement - Works passed to LCC to investigate. - Works to be programmed for April 2023 - Works outstanding – to be programmed for Q4. - No further action required. 	G

Incident No.	Description	- Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	- Status	RAG
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 Highways	WC		UPDATED 30/05/2024	<ul style="list-style-type: none"> - LCC to check tidal flap at outfall to River Wyre and ensure that the pipe is clear. - LCC / WC to investigate drainage June 2022. - Blockage cleared – No further action required. - Further investigation 28/11/2022 found blockage approx. 2m passed the chamber on High Street – will require a dig down to locate and repair. - Works to investigate/clear blockage to be undertaken by LCC Highways. Residents have been informed. - Works to be programmed for March/April 2023. BT column causing delay. - Damaged section of pipe repaired. Approx.100m of culvert checked. Works to be monitored. - Additional cleaning / inspection of pipe undertaken. Further works are required to remove excess silt. Expected Nov 2023. - Works completed. PL to arrange meeting with residents to discuss future maintenance. 	G
22/07 May 2022	Flooding to properties – Broad Oak Ave	<ul style="list-style-type: none"> - Repeated flooding to residential properties - Residents blame lack of maintenance to local watercourse, although this is a considerable distance from affected area. 	Garstang	UU	LCC , WBC		UPDATED 30/05/2024	<ul style="list-style-type: none"> - Flooding reported. Similar to previous flooding 31 Oct 2021 - LCC (FRM) have undertaken CCTV investigation – no issues found. Request to UU for information re discharge from pumping station on Fairfax Close - CCTV survey completed. Meeting to be held between LCC Highways and FRM Team to finalise action plan. United Utilities and FRM Team to exchange information regarding date of flooding and to check if Pumping Station was operating and what volume the pump station outputs. A decision on the identification of the Flooding mechanism from all the available information can then be considered as part of the Action plan and Section 19 Report. - Investigation has not resolved issue – LCC (FRM) to consider involving UU in further investigation. - Issue passed over to UU to resolve. - Case closed – this is no longer an issue for the MSfW Group 	G

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
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	LCC			UPDATED 30/05/2024	<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. - Embankment on Right Bank of Whites Brook repaired in 2022. - The investigation is still ongoing and LCC Highways/ FRM Team are looking at use of portable pumping solution to lower the water levels in the watercourse to enable the inspection of the flap valves to take place. - Further investigation of flap valves required. - LCC Asset Team investigation into wall ownership has been submitted to LCC Legal Team. FRM Team and Highways awaiting outcome into ownership. - Ongoing. Issue is being dealt with by LCC Legal Team to determine ownership and responsibility. 	A
24/01 16 Jan 2024	Raikes Road, junction with A586	<ul style="list-style-type: none"> - Highway flooding due to suspected blocked gullies 	Great Eccleston	LCC			UPDATED 16 Jan 2024	<ul style="list-style-type: none"> - LCC to investigate 	A
21/02	Bull Park Lane / Shard Lane	<ul style="list-style-type: none"> - Highway flooding on Bull Park Lane 	Hambleton	LCC Highways	EA		UPDATED 30/05/2024	<ul style="list-style-type: none"> - LCC (Highways) to check condition of gully on Bull Park Lane to determine whether the pipe is blocked / broken. - Works to be programmed for April 2023 - UPDATE AWAITED FROM LCC - Ongoing – LCC to investigate 	A
23/01 26 Feb 23	Hambleton – private culverted watercourse from Broadpool Lane to Rydal Road. End of culvert under water where it discharges to Wardleys watercourse.	<ul style="list-style-type: none"> - EA to look at silt levels adjacent to outfall. Previous inspections had shown no increase in silt levels - UU to investigate cross connections of foul into surface water 	Hambleton	EA/LCC	WBC/UU		UPDATED 30/05/2024	<ul style="list-style-type: none"> - EA works planned for August / September. UU checking connection from Sherbourne Road pumping station. - UU confirm that no connection from Sherbourne Road PS to watercourse. Suspected cross connections from residential properties. - Ongoing. 	A
24/03 16 Jan 2024	Private culvert under Broadpool Lane	<ul style="list-style-type: none"> - Culvert to be check to ensure that it is clear and running clear 	Hambleton	LCC / WBC			UPDATED 16/01/2024	<ul style="list-style-type: none"> - LCC / WBC to investigate - Ongoing 	A
23/11	Derby Crescent, Inskip – flooding to road and residential gardens.	<ul style="list-style-type: none"> - Reopening of issue 19/10 – potential misconnections require investigation 	Inskip	UU			UPDATED 30/05/2024	<ul style="list-style-type: none"> - Repeat of previous issue that was resolved in 2019. - Site has been inspected by WBC and UU – unclear as to source of excess surface water in foul system that is causing flooding – further investigations required. 	A
23/12	Flooding to residential property on Carrs Green on 23 July 2023`	<ul style="list-style-type: none"> - Flooding to property – unknown cause 	Inskip	LCC			UPDATED 30/05/2024	<ul style="list-style-type: none"> - LCC / WBC to contact resident and visit site - Ongoing. 	A

Incident No.	Description	- Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	- Status	RAG
23/14 13 Nov 23	Coniston Ave, Knott End	- Void under footpath adjacent to 36 Coniston Ave.	Knott End	LCC / UU			UPDATED 30/05/2024	- LCC have inspected collapse of footpath on Coniston Ave – large void found below. Issue with non-return valve on beach. - LCC have filled in void under footpath.	G
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 30/06/2024	- 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 - WBC Engineers to inspect and confirm drainage as constructed. - Drainage has been inspected – additional works required by Developer. - No further flooding reported – no further action required.	G
22/06 7 April 2022	Sefton Ave., Poulton	- Flooding of property from field to rear	Poulton	LCC LLFA	EA		UPDATED 30/05/2024	- LCC/WBC visited site with Wainhomes to establish source of flooding. - Wyre BC have continued to speak to Landowner and the extension of the existing bund in the field is the favoured solution. Wyre BC keeping FRM Team informed. - No further flooding reported. No further action required.	G

Incident No.	Description	- Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	- Status	RAG
19/07	<p>Sunnyside Terrace has suffered a number of flooding events which have included internal flooding to properties – the most recent event was 22 November 2017.</p> <p>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.</p> <p>LCC have obtained a grant to undertake capital works to reduce the risk of flooding.</p>	<ul style="list-style-type: none"> - LCC to cut back willow tree in Green Lane watercourse to allow free flow in the watercourse. - LCC to undertake desilting works to culvert under Cart Gate. - LCC to undertake desilting works on Green Lane watercourse, including culvert under road. WBC to inform landowners adjacent to watercourse. - LCC to consider other flood mitigation works once the discharge point is cleared. - LCC / EA to inspect full length of Green Lane watercourse to its discharge point to River Wyre. - EA to inspect and clear if necessary river outfall. - Update 21/02/19 - LCC (Highways) 	Preesall	LCC Highways	All		UPDATED 30/05/24	<ul style="list-style-type: none"> - Desilting of watercourse completed by LCC – approx. 500m cleaned either side of Green Lane. - Walk through of Green Lane East watercourse undertaken (LCC/WBC). - Draft pumping plan written. - LCC to clear/desilt culvert under Cart Gate - practice trial of pumping plan undertaken - LCC to undertake road resurfacing July 2019 including additional gully and to look at road levels to reduce drainage runoff. - LCC works completed - watercourse cleaned out. - Inspection of northern part of Green Lane East watercourse to be inspected to look at clearing by EA. - New sub-group of MSfW formed to look at works on Preesall Hill.- See Sub-Group - Rivers Trust looking to introduce measures to reduce runoff from Preesall Hill towards Sunnyside Terrace. - Changes to profile of Preesall Hill presents problems with the WRT plans to reduce flows - requires meeting with landowners. - LCC to undertake topographical survey of Preesall Hill to allow revised drainage plan to be drawn up by WRT. - WRT have produced works plan for Preesall Hill. To be presented to residents March 2022 - WRT and WBC discussed use of land for attenuation ponds with landowner – consent to form ponds not agreed – further discussion with landowner’s builder planned. - Cllr Rushforth confirms that consent has been given to clear watercourse adjacent to Sandy Lane. Works to be planned by Group. - Works to field on Sandy Lane to be undertaken summer 2024. 	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
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	LCC LLFA	WBC		UPDATED 30/05/24	<ul style="list-style-type: none"> - LLFA (FRM Team) to investigate, potential enforcement action required. - Inspected LCC/WBC – WBC to look at community payback as possible option to clear on a one-off basis. - Still outstanding. Site to be inspected as part of community walkabout on 30 May and action planned. - 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. - FRM continues to work with LCC highways to provide further a access point to the drainage system at Rosslyn Avenue to identify the route of the unmapped outfall from Millstone towards Longacre. This does not appear to be connecting to the separate outfall at Cherrytree/Elfside. Once the mapping is complete the full extent of any possible enforcement can be considered without losing the public goodwill being offered by residents during the investigation. Once there is confirmation of working outfalls the remaining lengths of the watercourse will have to be revisited to update the enforcement issues. - The cctv survey had to be abandoned a second time as the nearly discovered manhole chamber cover and frame in the field entrance near could not be opened. FRM are currently arranging for an estimate to be provided to the landowner to replace the existing cover and frame. - The manhole chamber in the concrete products entrance was found to be a foul sewer connection. The watercourse to the east side of the concrete products remains the potential outfall - New LCC survey shows no connection from Pilling Lane to Meadow Ave. Inspection of watercourse shows this to be in very poor condition – WBC to contact management company to get this cleared. Noted that local resident has blocked watercourse behind Pinewood Avee; WBC/LCC to enforce removal. 	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
22/10	Meadow Ave. – developer has filled in watercourse to improve access to site	- Reported to LCC (Floof Management Team) to investigate	Preesall	LCC LLFA			UPDATED 03/06/2024	- LCC informed. Confirmed that developer has blocked watercourse. - The temporary access provided at the development site off Meadow Avenue has been revisited by FRM and Highways and identified that in addition to unconsented works there ie damage to the public highway infrastructure. FRM to exchange photographs etc with LPA and Highways. LPA/LLFA/FRM to agree actions required and who leads on which issue - Further inspection shows watercourse is blocked by works by developer. Noted that watercourse had no water in it at this point and no sign of recently containing water.	A
22/11	Property on Parrox Fold discharging water onto Recreation Ground	- Reported to EA/UU	Preesall	EA	UU / WBC		UPDATED 30/05/2024	- Reported to EA/UU/WBC. Brief investigation suggests that this may be an unauthorised toilet outfall. - WBC visited site and advised resident. Written confirmation to be sent for resident to remove pipe into Recreation Ground. - No further action required. Case closed - Reports that discharging has restarted. WBC to contact resident.	G
23/05	Potential blockage to culvert in Green Lane East watercourse	- Reported by Preesall FLAG – suspected blockage in culvert forming field access at junction of Green Lane East w/c and ordinary w/c	Preesall	EA			UPDATED 30/05/2024	- Reported to EA 22/08/23 - EA to write to riparian owner - EA have inspected culvert and confirmed that it is free running. No further action required.	G
23/15 13 Nov 23	Pilling Lane roundabout and outfall to Meadow Ave.	-	Preesall	LCC			UPDATED 30/05/2024	- CCTV Survey of Pilling Lane between Roundabout and No 52 indicates that the drainage on Pilling Lane from the roundabout flows in a north easterly direction past the public right of way. There is a an issue which is preventing the jetter from clearing the water from the system so highways have been asked to investigate. - Once the cctv camera can revisit the drainage we will be able to confirm if there is a connection to the Meadow Avenue Watercourse, however, this connection is looking less likely. The level survey of the invert levels at the roundabout is still outstanding but is still a priority. - LCC survey confirms that exit to beach has been closed off and watercourse flows to south. Survey of highway drainage on Pilling lane confirms that surface water flows west to east and discharges directly into Wheelfoot watercourse, contrary to UU drainage records.	G
24/02 16 Jan 2024	Pilling Lane – from Lancaster Road to roadabout	- Highway flooding due to suspected blocked gullies	Preesall	LCC			UPDATED 30/05/2024	- LCC to investigate - Gullies have been cleared	A

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	EA		R17	UPDATED 30/05/2024	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. - EA awaiting framework set-up - EA have confirmed that the works have been delayed. No further update. 	A
20/03	White's Bridge on A586 - bridge structure leaking and water flowing onto highway, causing flooding	- LCC to investigate	St Michaels	LCC Highways	EA	I22	UPDATED 30/05/2024	<ul style="list-style-type: none"> - 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 - LCC records confirm that works were ordered 03/03/2022. Next inspection due 2024. No further action required by MSfW group. 	G
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	LCC Highways		S16	UPDATED 30/05/2024	<ul style="list-style-type: none"> - Completed? Check with LCC (Highways) - Pump plan in place. Awaiting survey monies for diversion of existing drainage system. Embankment outlet cleared. - LCC monitoring road for flooding. - No further action required. 	G

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
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 30/05/2024	<ul style="list-style-type: none"> - 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. - This has continued to be monitored as per previous update - EA looking to fund a repair/improvements to the embankment on both sides at this location. - No further action required. 	G
21/09	Flooding to Allotment Lane	<ul style="list-style-type: none"> - Flooding of highway, and sewage flooding to gardens. 	St Michaels	LCC Highways	UU		UPDATED 30/05/2024	<ul style="list-style-type: none"> - LCC assisting Parish Council with jetting operations to identify how existing drainage system works. - LCC have jetted pipes – further inspection required. - No further action required. 	G
23/11	Stricklands Lane	<ul style="list-style-type: none"> - Foul water flooding to residential property from highway and from drainage to rear 	Stalmine	UU	WBC		UPDATED 30/05/2024	<ul style="list-style-type: none"> - Site visited by UU and WBC and residents spoken to . UU have update non-return valve in system but more works required. WBC looking at condition of culverted watercourse which runs through the property. - UU have installed flood mitigation equipment to property. No further action required by MSfW group. 	G
23/03 26Feb23	Hillylaid watercourse to the rear of Baines School, School Road – concrete debris blocking watercourse.	<ul style="list-style-type: none"> - Concrete post partially blocking watercourse. Issue to be reported to EA Field Team to remove 	Thornton	EA			UPDATED 30/05/2024	<ul style="list-style-type: none"> - Reported to EA at MSfW meeting 23/02/23. EA to investigate and remove. - EA have assessed and deemed the blockage is very low flood risk and therefore a low priority to remove at present. - Works to undertaken as part of routine maintenance works summer 2024 	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?	<ul style="list-style-type: none"> - 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 - EA to check with PSO team to understand when the survey was due 	Thornton	EA			UPDATED 30/05/2024	<p>Ongoing</p> <p>Silt survey to be undertaken on Hillylaid Pool 2020/21 - results to be shared with FLAG.</p> <ul style="list-style-type: none"> - 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. - EA have requested quotation from their works contractor to undertake dredging works – quotation awaited. - EA have completed silt survey of Thornton watercourses – some lengths not surveyed due to access issues – report to be considered for potential desilting works. 	A

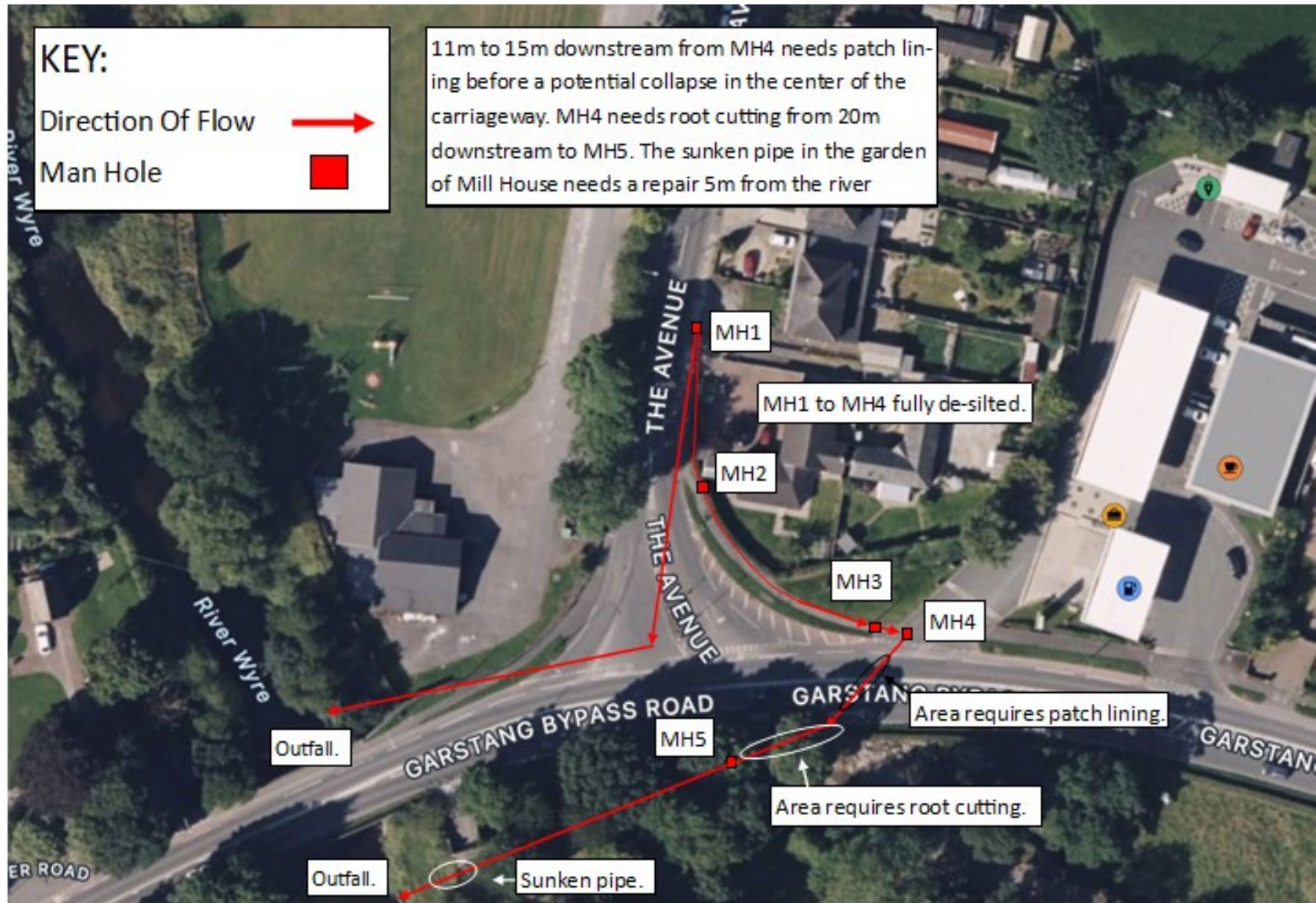
Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
19/14	<p>School Road, Thornton</p> <p>-Several properties on School Road flooded Nov 2017.</p> <p>Source of flooding appears to be surface water from local surface water drains, suspected blocked highway gullies and poor maintenance of watercourse behind properties</p>	<ul style="list-style-type: none"> - 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 30/05/2024	<p>Carried over from MSfW Hot Spots</p> <p>Ongoing</p> <ul style="list-style-type: none"> - 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. - LCC report that Network Rail will undertake further maintenance works on the watercourse behind School Road in year 2022/23 - LCC (FRM) report that maintenance works have been undertaken. Additional works to culvert (including potential daylighting) to be undertaken. - FRM Team to contact Network Rail to discuss daylighting/maintenance of short culverted section mentioned in report. - LCC (FRM) have followed up the enquiry with the Network Rail Engineer to find that he no longer looks after the area. He has confirmed that he will refer the enquiry to the correct person. - Network rail to be contacted for update on these works 	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
20/08	Royles Brook School, Thornton	- Suspected blockage in culverted watercourse	Thornton	LCC LLFA	UU		UPDATED 30/05/2024	<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 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. - CCTV investigation undertaken by LCC on 22 August 2022 – works identified. - Further investigation of outfall towards the pond are being organised for the easter holiday period via the School and LCC Highways. LCC highways and FRM continue to investigate the drainage issue at the junction Wordsworth Avenue and Tennyson Avenue. UU/FRM LCC Highways to share information to decide any further action required. Ownership of system to be identified. <p>LCC (Highways) planning exploratory dig (Easter 2023)</p> <ul style="list-style-type: none"> - Works delayed until summer 2023 - Works outstanding – new date to be confirmed. <p>UU/LCC/FRM undertaking investigation and survey work. UU have provided some further information in regard to depths to inverts for the surface water systems In the road and LCC (highways) are currently prioritising a dig down in the school grounds to investigate the outfall towards the pond. Work is expected to be completed by the Dec 2023 Flood Forum Meeting</p> <ul style="list-style-type: none"> - Works remain outstanding 	A


Incident No.	Description	- Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	- Status	RAG
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 30/05/2024	<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. - EA to clear debris from junction of Royles Brook watercourse and watercourse from Anchorsholme Road East - EA confirm that works to be undertaken summer 2024 	A
23/06 29/08/23	Flooding to Calder Ave on 23 July 2023	- Investigation as to probable source of flooding to be undertaken	Thornton	WBC			UPDATED 30/05/2024	<ul style="list-style-type: none"> - Investigation into breach in culverted watercourse undertaken. Unauthorised discharge point blocked off by WBC. Attempt to CCTV culvert prevented by heavy siltation levels – needs to be cleared. - Additional attempt to clear silt and camera culvert partially successful, but excess water in culvert due to high siltation levels downstream. Works to desilt from culvert to pumping station planned for November. - Works planned by WBC for further attempt at CCTV survey of culvert summer 2024. 	A

Incident No.	Description	Action	Location	RMA Lead	Other RMAs	A-Z ref	Date Added	Status	RAG
23/07 29/08/23	Royles Brook pumping station	- Pumping station failed on 23 July due to blown mains fuse. FLAG is asking for details on repairs	Thornton	WBC			UPDATED 30/05/2024	- Replacement pump was brought in to replace station on 23 July. Mains fuse confirmed as blown. - New fuse installed; electricians checked to establish fault. Station inlet desilted; pumps to be removed and checked for bearing wear. - Reinstallation of telemetry to be investigated. - Pump removed for refurbishment. New telemetry ordered for installation in November - All three pumps refurbished and replaced. New telemetry installed and tested.	G
23/09 29/08/2023	High silt levels in main river watercourses	- The FLAG consider that high silt levels in the watercourse network is contributing to increased flood events and ask that the EA consider large scale desilting. - EA to check with PSO team to understand when the survey was due	Thornton	EA			UPDATED 30/05/2024	- See 18/15	G
23/10	New development Centurian Park, Fleetwood Road North	- Springfield w/c to be maintained by the Developer to ensure that it flows correctly – the FLAG is concerned about the condition of the w/c either side of Fleetwood Road North	Thornton	Land Developer	EA		UPDATED 30/05/2024	- Developer informed of FLAG concerns. Pond to north of site now empty	G

Appendix B
Churchtown Drainage Plans



KEY:

- Gully 
- Direction Of Flow 
- Man Hole 
- Aco Drainage 

A1, A2, A3 G25 & G26 run to the ditch line which needs digging out. This section of the system is holding back because of it. A4, 5 & 6 run through MH7 which is blocked & stopping the system.





KEY:

Gully



Direction Of Flow



Man Hole



Lines were flowing with too much water to CCTV survey, although the systems were running with no issue from G2 to G13.

