

## WYRE MAKING SPACE FOR WATER MEETING

Minutes of meeting held Thursday 23 February 2023  
at Wyre Civic Centre and via Microsoft Teams.

### Present

Carl Green (CG)	Wyre Council (WBC) (Engineering)
Paul Long (PL)	Wyre Council (Engineering)
Lorah Cheyne (LC)	Lancashire County Council (Flood Risk Management)
Brian Birkett (BB)	Lancashire County Council (Flood Risk Management)
Ben Rogers (BR)	Lancashire County Council (Flood Risk Management)
Pippa Hodgkins (PH)	Environment Agency (EA)
Robert Brooks-Taylor (RBT)	Environment Agency
Daniel Archer (DA)	Environment Agency
Phil Wylie (PW)	United Utilities (UU)
Dan Blacow (DB)	United Utilities
Luke Matthews (LM)	United Utilities

### Via Teams

George Briscoe	Wyre Council (Planning)
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### Apologies

Rachel Crompton	Lancashire County Council (Flood Risk Management)
Mark O'Donnell (MO)	Lancashire County Council (Highways)
Graeme Kellott (GK)	Environment Agency
Tom Myerscough (TM)	Wyre Rivers Trust (WRT)

## **1. WYRE STRATEGIC FLOOD RISK ASSESSMENT (SFRA)**

GB addressed the Group in advance of the main meeting to provide an update on the review of the council's Local Plan.

He informed the Group that, last month, the Council adopted a partial update of the Local Plan, including twenty policy wording amendments and the removal of Policy LPR1.

The Planning Team are continuing to gather evidence for the full review of the Local Plan and will shortly be commissioning a new Level 1 Strategic Flood Risk Assessment (SFRA) (see [www.gov.uk](http://www.gov.uk)) on behalf of Wyre, Blackpool and Fylde councils. Additionally, Wyre is likely to require a Level 2 SFRA which will be considered once consultants have been appointed.

Wyre will be forming a steering group to progress the work and will be discussing with neighbouring authorities and flood management authorities in the coming months.

CG thanked GB for his input, adding that this is a good opportunity for everyone to input into the scope.

## 2. INTRODUCTION

CG welcomed everyone to the meeting. There were a few new faces in the meeting and all introduced themselves.

DA is part of the EA's Asset Performance Team and has taken over responsibility for the Wyre area from Mia Mullender.

RBT is standing in for Graeme Kellott who has taking up a temporary post in the Environment Agency until 3 May.

## 3. APOLOGIES

Apologies were noted as above.

## 4. MINUTES OF PREVIOUS MEETING

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

### Matters arising:

- i. Thornton Gauge boards - RBT reported that gauge boards for the bridge adjacent to the Bay Horse and on the screen on Heys Street are sat in the EA's Bridge End Depot awaiting installation.

PL confirmed that both Wyre and Thornton FLAG now have online access to view the new board on the screen at Brookfield Road. CG asked that Wyre's Duty Officer be given access for out of hours – PL to arrange.

**Action - EA**

- ii. Drainage, School Road, Thornton - PW confirmed that he looked at the surface water drain adjacent to 104 School Road following the request to block off the hole in the pipe – it is unclear whether this hole is designed to drain the pipe to the watercourse when levels are high or to drain the watercourse to the pipe. UU have agreed to block it off with a flap valve as a temporary to see whether it improves local drainage during peak rainfall.

**Action - UU**

- iii. Fleetwood Road South - PL confirmed that he had been in contact with the residents concerning clearing the watercourse and had visited the property on 17 February to confirm that the works had been done. This item can now be closed. DB said that UU would keep an eye on this outfall.
- iv. Hillylaid Pool, School Road, Thornton - DA confirmed that the trees in the watercourse, behind Baines School had now been cleared. PL confirmed that the FLAG were aware of this and were happy with the work. PL reported that there is also a concrete obstruction in the watercourse at the same location which the FLAG have asked be removed. PL to pass on details to RBT to arrange clearance.
- v. Culverts under the A585 - PL reported that he had not spoken with National Highways about clearing of the culverts under the A585 Amounderness Way, but would do so and report back to the Flood Forum next month.

**Action - PL**

- vi. Moss Side Lane, Great Eccleston – BB reported that he had yet to speak with MO on this issue; he will be looking to do so soon to arrange a site inspection to determine what, if anything, could be undertaken to improve the situation.
- vii. Carr Lane, Hambleton - PL reported that the FLAG had again raised issues about the highway drainage that runs in the field on the east side of Carr Lane, opposite Queensland. They have asked when this drain will be inspected/cleared. LCC to investigate and report back.

**Action - LCC**

PL informed the group that he had been working with LCC (Highways) to clear all the highway gullies in Hambleton – the gulley wagon has been working overtime on Saturday mornings to clear all gullies in the village. Currently over 200 have been cleared and the works are expected to continue for a few weeks more. Once these are completed, we can look at addressing other areas.

- viii. Hambleton Flood Defence Scheme - PH said that currently expecting to submit the scheme to Planning in June, and to hold a public engagement day approximately six weeks ahead of that. She confirmed that compensatory habitat is planned upstream on Rawcliffe Road and ideally and subject to planning permission, this would be constructed this year.
- ix. Garstang Flood Barrage - DA said that the site was inspected last week (Section 12 inspection); he confirmed that a hinge on the bottom of the east gate has failed where it connects to the concrete. Replacement of the hinge is a major job – the EA are hoping to have this completed before next winter.

DA reported that calculations show that, in its current state, the barrage is working at 90% efficiency.

- x. High Street, Garstang - PL reported that he and MO have visited the site and LCC (Highways) have arranged to undertake repair works from the highway. It is noted that this is likely to be a riparian issue (blockage/collapse appears to be on private land) but is affecting the highway.
- xi. Springfield Pumping Station, Fleetwood - PL reported that Wyre Council is still looking to hand over ownership of the Springfield pumping station to Haven, but this is currently under negotiation. There is a complication that a planning application has been received that wishes to discharge into Springfield watercourse and PL has raised concerns that this will increase to the flood risk to Cala Gran Holiday Park – negotiations are currently underway with the developer to look at alternative surface water discharge points.

PL suggested that a connection between Springfield and Copse Brook watercourses would resolve most of the issues – CG agreed, adding that it seemed senseless to pump out water from a watercourse when there was a perfectly adequate gravity watercourse close by. RBT said that he would look into this to see how practical it would be to connect the two watercourses.

**Action - RBT**

- xii. Fleetwood Quay outfall - RBT confirmed that the headwall on the outfall is in poor condition and that the EA plan to make a five-year temporary repair on a like-for like basis, as well as a remodelling of all the outfalls in the Fleetwood area.

- xiii. St.Michaels flooding - BB confirmed that the LCC (FRM) are continuing with the Section 19 Report for St.Michaels; this will be published as soon as it is completed.
- xiv. Wyreside caravan site, St.Michaels - BB confirmed that LCC would not be taking any further action re the building over the watercourse adjacent to the caravan site.
- xv. Sefton Ave., Poulton - PL informed the group that he had been in contact with Wain Homes and they have now confirmed that they own the land to the rear of Sefton Ave – they will look to see if works can be done to reduce run-off from the land to prevent flooding to adjacent properties. PL to liaise further with them to ensure works are undertaken as necessary.

**Action - PL**

- xvi. Sunnyside Terrace, Preesall - PL noted that these works were still outstanding while consent to build the proposed wetland area has not been given. Alternate proposals are being considered, but need further discussion with TM.

PL noted that there had been no reported flooding incidents in 2022 due partly to the works undertaken so far by all parties and by having a pump on standby. PL relayed the thanks from residents and the FLAG for the continued support.

- xvii. The Avenue, Churchtown - PL reported that he had attended site with members of the FLAG and LCC's gully maintenance team to check and clear the drain from the gully on The Avenue to the River Wyre, downstream of Kirkland Bridge. He confirmed that this had now been cleared and appeared to be free running. Further investigation works are required to determine the condition of the pipe and how it connects to the existing system.
- xviii. Green Wood, Churchtown - PL informed the group that proposals to store additional floodwater in Green Wood have been put on hold as the owner has put the wood up for sale. The FLAG and he will approach the new owners, once known, to consider the proposals again.
- xix. Highway flooding on Norcross Lane, Carleton - PL noted that there has been no repeat of the flow of water from the site close to the junction with the A585. The issue is considered closed.
- xx. Royles Brook School, Thornton - BB confirmed that he and MO has spoken with school representatives and agreed to undertake excavation works (probably over the Easter period) to check on connections around the junction of Wordsworth Ave and Tennyson Ave. DB noted that UU had noted similar issues in this area, including foul flooding to the school.

PW expressed some concern that LCC were looking to work on UU's asset and queried whether this was the source of recent flooding, which appeared to be foul or combined related, rather than surface water.

It was agreed that LCC (FRM) and UU would liaise further on this issue to resolve flooding issues at the school and to surrounding areas.

## 4. UPDATES FROM MEMBERS

### i. Wyre Council

- PL confirmed that he had met with Churchtown, Cleveleys, Hambleton, Thornton and Preesall FLAGs in the last few days and had received reports from Churchtown, Hambleton and Thornton (see FLAG updates). The Issues & Actions log has been updated (see Attached), but there are several issues that require signing off or updating.
- Following discussion with the FLAG and a walkthrough inspection of gullies in the village, PL has been working with LCC (Highways) to clear all the gullies in Hambleton. Works have taken place on Saturday mornings and to date around 250 gullies have been cleared. Any requiring additional work have been reported to LCC. These works are in addition to planned works by LCC (Highways). It is hoped that once Hambleton has been completed to undertake similar works elsewhere, possibly with the assistance of the FLAGs.
- PL and members of Cleveleys FLAG met on 17 February for a walkthrough of the local watercourse network. Issues were noted on the private watercourse behind Northumberland Ave. PL has since identified the owner of the watercourse and will be contacting them to undertake works at the earliest opportunity.

### ii. Environment Agency

RBT confirmed that the routine maintenance on the main river watercourses, including Hillylaid Pool, Royles Brook and Wardleys, has been ongoing.

PL noted that the dredging of watercourses, particularly sections of Hillylaid Pool in Thornton, had been a hotly debated item at the last Forum and asked whether there was any update of potential works. RBT was not aware of these but agreed to discuss with Graeme Kellott and update the Flood Forum.

PH confirmed that a level survey of the Urban watercourses is planned for next year.

### iii. LCC Highway Authority

- MO was unable to attend the meeting due to having been out on the previous night on winter maintenance works. No report was submitted in his absence.

PL confirmed that works were being arranged on High Street, Garstang to clear the private pipe leading from the highway to the culverted watercourse under the cricket pitch. The works have been delayed due to the presence of a BT pole nearby but are expected to start soon.

PL said that he understood works to clear the drain on the A588 outside Queensland, Hambleton had been completed – MO to confirm at a later date.

Similarly, PL understood flooding to the highway at the junction of Bull Park Lane and Grange Road, Hambleton had been resolved.

PL confirmed that the clearing of gullies on Kiln Lane, Hambleton had been done two weeks previously, as part of the gully clearing works in Hambleton.

PL reported that that he and MO had met with the Parish Lengthsman to further investigate flooding issues on Wheel Lane, Pilling. It was noted that, in addition

to works undertaken by LCC (Highways) local landowners had undertaken watercourse clearance works and the issue appears to be resolved. It was noted that there was a separate highway flooding issue further towards Smallwood Hey Road and this was addressed on the day by LCC. It is understood that additional works may be needed to resolve this issue.

PL confirmed that the survey works / gully cleaning programmed for 28 November in Churchtown went ahead as planned and further works have been identified as a consequence – these are addressed in the FLAG report.

**iv. LCC (Flood Risk Management)**

BB reported that LCC (FRM) have been continuing with their investigations re flooding around Broad Oak Ave., Garstang. He has arranged a meet with MO to come up with a plan to resolve the issue. He confirmed that the watercourse to the east of the site appeared to be functional and unlikely to be the source of the issue. The focus of attention is on the pumping station on Fairfax Close that discharges towards Broad Oak Ave – he wondered whether this was causing a problem during heavy flows and asked UU whether they had any records of when this station was operating during the time of flooding to help them identify the flooding mechanism.

BB reported that he has continued to investigate the surface water drainage in Preesall, around Rosslyn Ave. He reported that there is definitely an issue with one of the outfalls and he has discussed this with MO. Further investigation is required to fully clarify how the drains discharge.

BB reiterated his last report that Network Rail have completed the maintenance of the watercourse behind School Road, Thornton. He remains concerned about a small section of culverted watercourse half way along the watercourse, which Network Rail are considering daylighting. He added that he was still to chase this issue.

**v. United Utilities**

PW reported that he had inspected the hole in the surface water pipe adjacent 104a School Road Thornton (Issues & Actions ref 19/14). He noted that, due to the recent works on the watercourse, the watercourse invert is now about 150-225 mm below the inlet/outlet of the manhole so it won't drain into the manhole under normal conditions.

It remains unclear whether the hole was designed to discharge from the pipe to the watercourse during storm conditions or from the watercourse to the pipe (and hence to Hillylaid Pool). However, PW confirmed that he will arrange for a temporary stopper to be put in the hole to see whether this has a positive effect on flooding to School Road.

I still have reservation about stoppering off the inlet/outlet as the water won't be able to drain away after rain. But I will arrange for the pipe to be bunged off ASAP.

PW reported that UU have completed the construction of an emergency overflow from the pumping station on Rawcliffe Road St Michaels (Issue & Actions ref 19/20). The construction was completed at the end of January and should hopefully stop further flooding of the highway.



PL said that Hambleton FLAG had requested an update on the fitting of flow meters in the village, including how many are planned to be installed, how many have been installed and whether any useful information has been received yet. PW confirmed that there were 24 being installed of which approximately 60% have been installed – just the most difficult ones left to install. He noted that the meters had not been installed long enough to give any meaningful results.

PL noted that Cllr Orme had raised concerns about manhole covers on A588 Carr Lane being lifted and presenting a hazard to road users. PW noted this and said that UU are looking at changing the type of cover used.

PL asked whether UU had yet resolved the issue of sewage in the watercourse discharges to Wardleys watercourse from Rydal Road, Hambleton. PW confirmed that this was still outstanding but was on their list of works to be completed. He noted that identifying the culprit would be difficult in a closed system, but that UU would pursue this.

vi. **Wyre Rivers Trust**

TM was unable to make the meeting and had not supplied an update to the group.

PL noted that TM was still working on the new wetland on King George's playing fields, Thornton. These remain due to commence in July 2023.

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. (A further updated copy – 26 February – is attached as Appendix A)

- PL noted that the key issue from the previous Flood Forum had been the need for dredging of watercourses, and the EA's reluctance to undertake such works. RBT replied that the EA would undertake desilting works where it could be shown that doing so would help reduce flood risk. However, he did not consider that simply removing silt from a watercourse did not create sufficient capacity and was not a reliable means of flood prevention.

PL replied that there were a number of spots where the water level seemed to be artificially high and this was potentially as a consequence of high siltation levels – RBT noted this and said that if the EA could target specific areas of siltation then it could be considered.

PL proposed that a representative from the EA met with Thornton FLAG and walked the section of watercourse between New lane and Belvedere Road (where safe to do so). RBT agreed to add a note to the EA’s pre-Flood Forum notes to specifically address this issue.

- A second point of concern from the last Flood Forum was the perceived lack of gully maintenance. PL reiterated that he had discussed this with MO and agreed to clear gullies within a large target area, starting with Hambleton. These works were being undertaken on a Saturday morning and were in addition to the normal routine maintenance. It is hoped that once the gullies in Hambleton have been completed, works can be moved to another area where there is high demand.

**FLAG Reports:**

**i. Churchtown FLAG**

PL met with the FLAG via Teams on 20 February 2023.

The FLAG had raised a number of queries in advance of the meeting (see below) and these were addressed at the meeting.

**Churchtown FLAG Report to Making Space for Water Meeting 23 Feb 2023**

The status of the five local flood hotspots in Churchtown are described below, working from west to east across the village. The status, options and actions are summarised in the table below with fuller details set out in the following sections. Two photos are attached to show one of three flood events at the end of the Avenue endured by residents between 27 Dec 22 and 13 Jan 23 and described in more detail in Item 4) below.

Hotspot	Situation	Options and Actions
1 Ainspool Lane	Cause and source of flooding now found, low cost solution proposed but blocked. Anxiety at each heavy rain, WBC and Rescue service pump out at each flood.	<ul style="list-style-type: none"> <li>• Do nothing, endure angst, disruption and pumping costs</li> <li>• Try it anyway to check if any adverse effect (Least cost)</li> <li>• Major NFM upstream.</li> </ul>
2 Ainspool Field	Water rises and floods field towards stables, gardens and houses. Happens when Ainspool Brook at full height but flood pathway not yet known. More research to find cause and solution.	<ul style="list-style-type: none"> <li>• CFLAG monitoring time and location of start of flooding vs level in Brook.</li> <li>• Need detailed field levels to identify surface drainage routes</li> </ul>



3 Arnwood House	100m south of R Wyre with only the access track as low protection.	<ul style="list-style-type: none"> <li>• Need road and field levels to compare with telemeter level to reassure residents.</li> </ul>
4 The Avenue*	Outlet of flood water from MH11 into river now proved to be part of a wider system that blocks. Flooded three times in three weeks after last clean.	<ul style="list-style-type: none"> <li>• Pipe investigation needed with cctv, probe and surface detector</li> <li>• Raise intake in MH11 to only flow under pressure in flood to prevent silting</li> <li>• Clean MH11 regularly</li> </ul>
5 Smithy Lane	Existing gullies cannot take flood water volumes, system route unknown and blocked. Somehow linked to Avenue system. Flooded same dates as Avenue.	<ul style="list-style-type: none"> <li>• Pipe investigation needed with cctv, probe and surface detector</li> <li>• A6 gullies and pipes cleaned</li> </ul>

\* Supporting attachments include:

- Plan of findings of pipe investigations 8 Dec 21 and 28 Nov 22, referencing manhole numbering 1pp
- Details of recent flooding and 2 photos 3pp
- Photos on MHs 11, 12 & 13 1pp
- Proposed solution at MH11 1pp

### **Churchtown Hotspots**

***Ainspool Hotspot*** – The cause of flooding into Ainspool Lane is now well established by the CFLAG as the run-off from the natural catchment above Nook Lane. A low cost solution comprising a penstock in a manhole manually operated by Flood Wardens has been suggested by the CFLAG that would add around 40mm of additional flood water on top of flood water already held in the Green Wood during a nuisance flooding event. The Green Wood is up for sale in two parcels at the moment, but the present owner when asked, has refused permission for LCC to implement this solution located in the A586 footpath. The last development was that WBC were writing to the owner to ask for a review of the decision to end the years of flooding in Ainspool Lane.

The insignificance of the extra 40mm of flood could be tested by installing the penstock and monitoring the consequence, always with the safeguard of reopening the penstock if the estimate was wildly wrong. This would be far less costly than doing a whole survey and modelling, though with LIDAR grid levels, a better calculation could be made of the excess depth.

**Ainspool Field** – When the River Wyre is running full, Ainspool Brook outfall is locked off in order to provide a flood water storage area within the Ainspool flood embankments, extending also upstream of Ainspool Bridge on the A586. When its water level is reaching its highest, well above field and road levels, water rises up in the field lying between the Ainspool Brook east embankment and the gardens, stables, horses and the houses on the western side of Ainspool Lane and Church Street. The cause is likely to be localised seepage under the head of pressure through or beneath the eastern embankment but the location has not been identified. Flooding often starts during the night or when house owners are busy protecting their properties and animals. It could even be an old culvert that was not closed off properly.

CFLAG is trying to find the place where the rising water first appears, if indeed it is always the same location, and under what head of pressure (Ainspool water level) this occurs. To help this exercise, LIDAR grid levels of the whole field would facilitate contours to identify the natural surface drainage pathways which are distracting from the search.

**Arnwood House** – lies about 100m back from the south bank of the River Wyre, with no embankment protection other than the slightly elevated access track. It would be useful to have the LIDAR levels of this area to be able to relate the high river levels at Kirkland Bridge telemeter to the level of this track.

Surface water flooding from the area surrounding the house is less catastrophic, but the fear always remains about the main river level. The residents now understand why, that after a flood, this section of the Wyre between Garstang and St Michael's has to be maintained at a high flow rate until Garstang Basin is emptied and ready for any subsequent surge from Abbeystead. After the flooding disasters of 2015 and 2016, when confidence in the EA's ability to control the flow was rock bottom, local confidence is slowly rebuilding. To know that the actual margin of safety at any time is always good, and knowing it is within bounds, will gradually reduce the level of anxiety at each storm.

**Avenue Hotspot** – Currently, flooding in front of the bungalows and across the road is the most frequent event in Churchtown. There is a solution that still needs a little more pipe investigation with jet cleaning and CCTV probe and surface detection. The clearing of a blockage at 30m from MH 11 outside the bungalow on 28 Nov 22, proved that water can drain from this point into the river, until MH11 silts up again.

The attached plan showing results of pipe investigations over this area in Dec 21 (red) and Nov 22 (green), shows the data on the flood events on 27 Dec 22, 10 Jan 23 and 13 Jan 23. The Head Wardens report "Churchtown Flag" (1pp) is attached giving details. In two cases the river level was low and in one case it was high, but still lower than road channel level on the Avenue.

This shows that although the pipes between manhole and the river were clear on 28 Nov 22, they were blocked by 27 Dec, likely well before that, owing to the near zero falls on all the pipes at this location. Silt and tyre dust carried into MH11 from the A6 and the Avenue quickly block the lower outlet of MH11 leading directly to the river.

Water can then only leave the MH11 by flowing level or uphill through the higher 225 dia pipe to MH13 and MH14 at the BP Garage entrance (until that pipe gets silted up), then under the A6 to the outfall just upstream of Kirkland Bridge. When blocked, only a slow seepage through the silt eventually lowers the water in MH11.

Another possible route for flood water arriving at the Avenue bungalows is from the westward leading pipes in MH14 and MH15 at the entrance to the BP Garage. These need investigating at the next CCTV probe session to eliminate them as feeders of flood water coming out of the pipe system and into the gardens in the Avenue.

The CFLAG solution is to raise the intake of the lower 150 dia pipe in MH 11 so that it only draws water in from a higher level under flood conditions, creating a head of pressure to push and flush the flow down to the river. The manhole then becomes a catchpit maintaining the drainage out from the higher 225 dia pipe. As such it requires clearing of silt before it reaches that level. The one other gully 20m to the west that feeds into this MH 11, needs a new higher level connection so that it can flow out of the 225 dia pipe under normal conditions. Both new pipes can be rodded or jet cleaned if needed.

**Smithy Lane** – drainage is served by two separate systems on unknown routes. One system connects with the Avenue system and is believed to outfall into the river downstream of Kirkland Bridge, the other serves the part of Smithy Land near the A6 Junction outfalls into the river upstream of the Bridge.

After the Avenue MH11 was jet cleaned on 28 Nov 22 and large volumes of silt and water were flushed out of the pipes downstream of the bridge behind the Memorial Hall, it was hoped that this could have cleared the blockage causing the Smithy Lane flooding. But Smithy Lane continues to flood and did so on the same dates as the Avenue in (4) above. The flood water comes mostly from the A6 where gullies are continuously blocked but it looks like the pipes are now blocked too.

A thorough survey of the layout of the various pipe system in this whole area is the first step to coming up with solution to prevent flooding. This exercise has had two attempts since Nov 2021 but frustrated by either the weather or only having part of the necessary equipment present. The CFLAG can do dye testing but this is only be possible once pipes are unblocked.

### Recent Flooding Events - Churchtown

27 Dec 2022	Serious flooding occurred on Churchtown Avenue outside Joyce & Allen's bungalow on Tuesday 27 December between 5pm and 7pm. Heavy rainfall for two hours which caused the avenue to flood very bad across the main road and four houses flooded up their drives. The river level was 1.40m
10 Jan 2023	Serious flooding occurred again on Churchtown Avenue outside Joyce and Allen's bungalow on Tuesday 10 January. Surface flooding peaked at 1pm to 2pm (river level was 3.02m) and again at 6pm to 7pm (river level was 4.34m)
13 Jan 2023	Flooding again on the Avenue and front gardens. Peaked at about 2pm to 3pm (river level about 1.20m)

### The Avenue - 15 January 2023



# AVENUE HOTSPOT - WEST

FROM GULLY  
IN GARAGE APPROACH



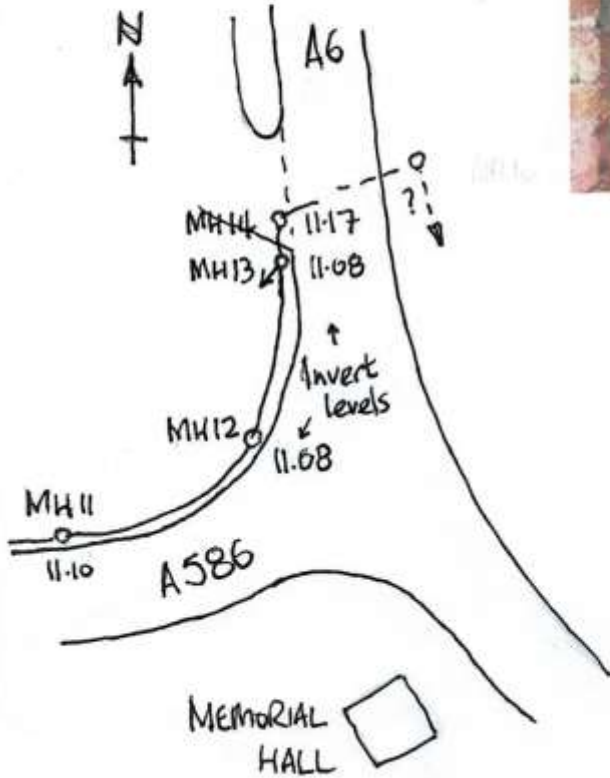
CROSSES  
UNDER  
A6

**MH14**

6m @ 1.5%



**MH13**



FROM SLOTTED PAVEMENT DRAIN



FROM  
ROAD GULLY

**MH11**

225φ

34m @ 0.06%

**MH12**

31m @ 0.00%

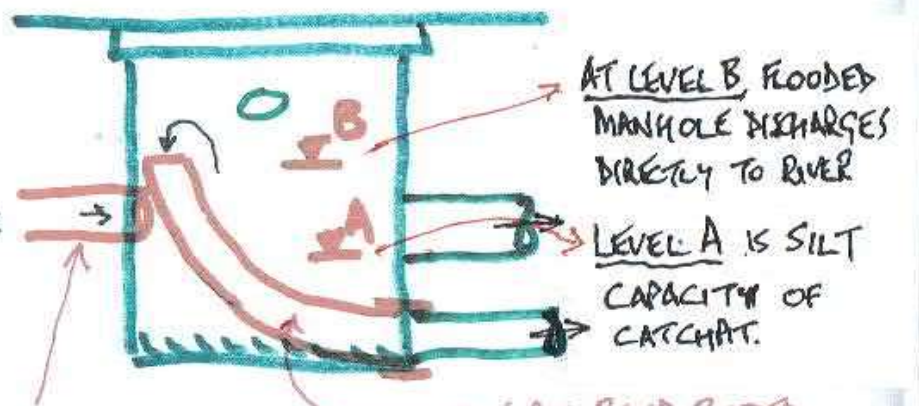
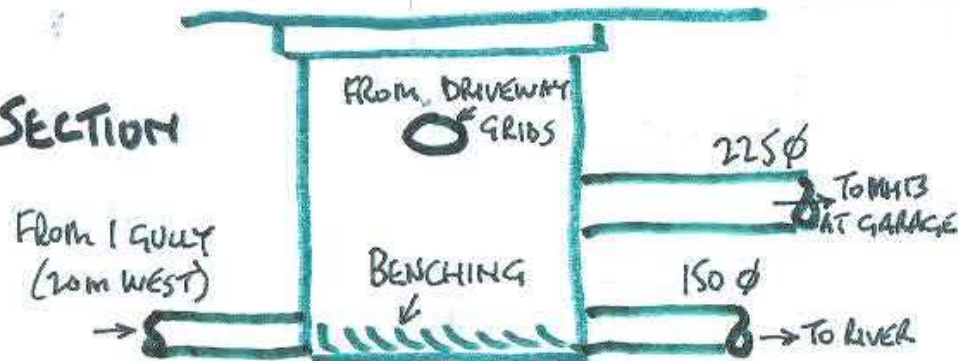
LOWER OUTLET PIPE  
BELOW VISIBLE ONE  
(BLOCKED BUT TAKES  
WATER OUT OF SILT)

EXISTING

# AVENUE MANHOLE II

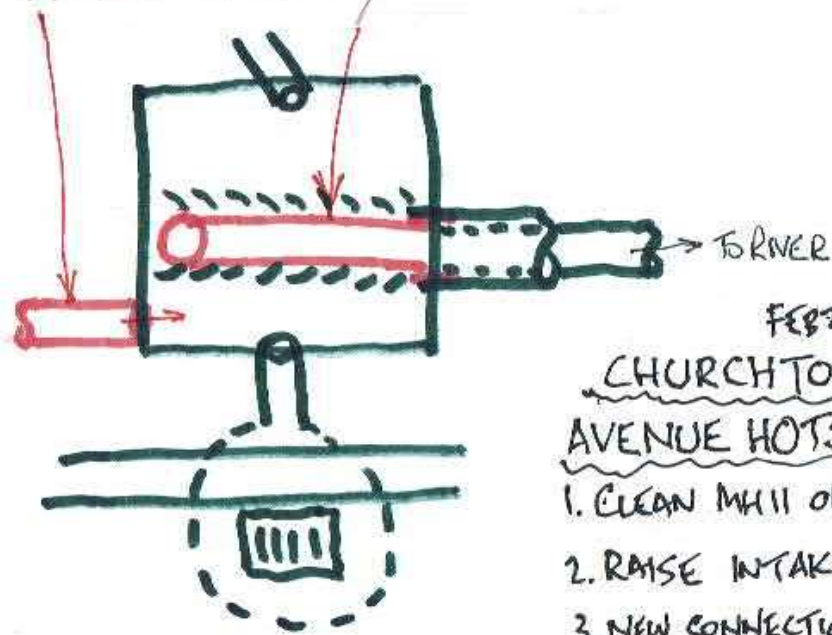
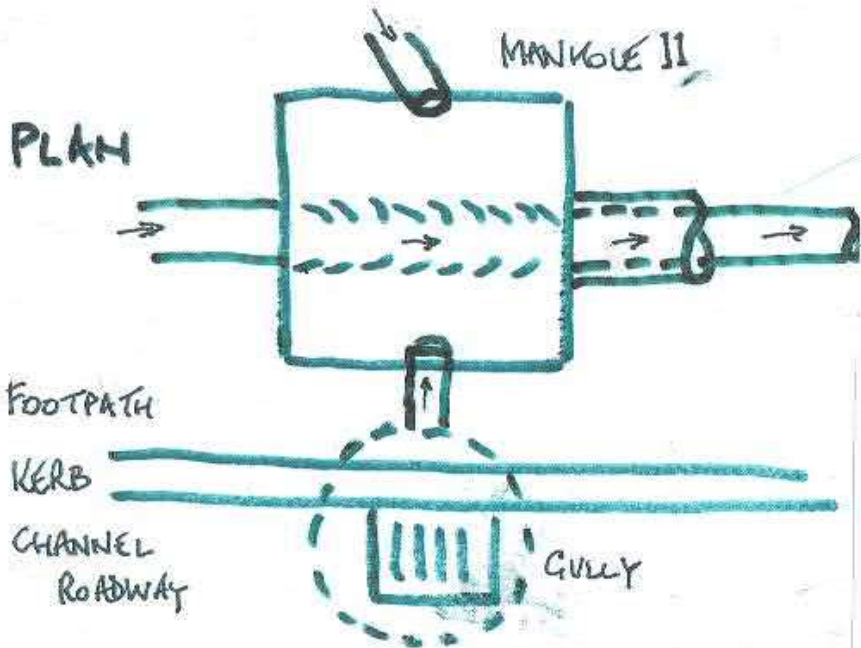
PROPOSED

SECTION

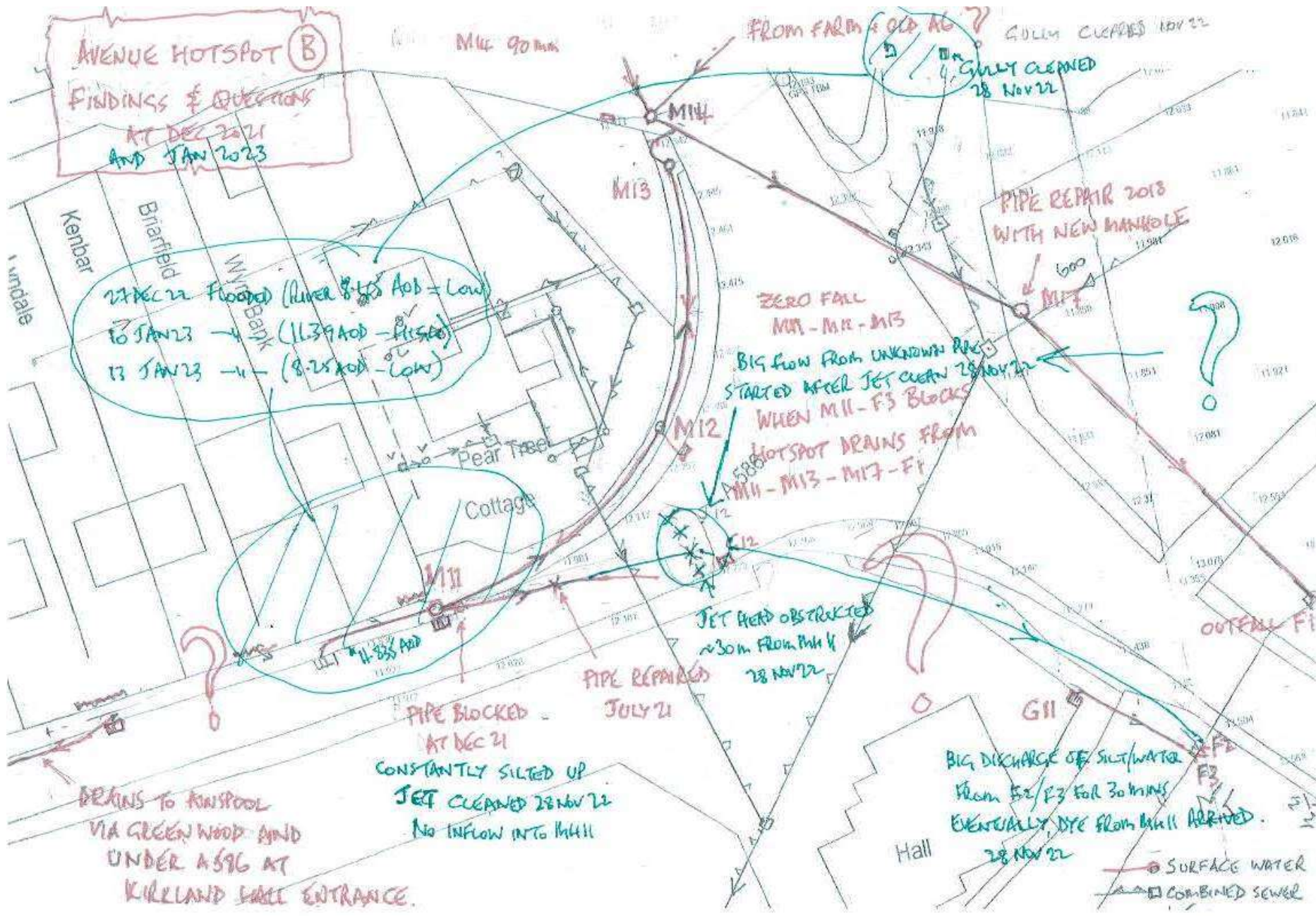


NEW PIPE CONNECTED TO NEXT GULLY 20m WEST.  
 NEW 150φ PVC BEND BONDED ON TO EXISTING 150φ OUTLET PIPE

PLAN



- FEB 2023  
CHURCHTOWN  
AVENUE HOTSPOT
1. CLEAN MH II OPEN
  2. RAISE INTAKE
  3. NEW CONNECTION FROM NEXT GULLY



## ii. Cleveleys FLAG

PL met with the FLAG on 6 February 2023. A subsequent walkabout to look at key issues was undertaken on 17 February

Areas of concern included

- Flooding to highway on and around Northumberland Ave
- Potential flooding from the watercourse to the rear of Southworth Way
- Proposed drainage layout from the new development site at the junction of Bourne Way and Fleetwood Road North

## Garstang FLAG

No meeting held ahead of the MSfW meeting.

MO and PL met with Cllr Atkins on 13 January to discuss options for inspecting/clearing the pipe on High Street thought to be responsible for the repeated highway flooding. LCC to undertake excavation works on the pavement to access the culvert.

## Great Ecclestone FLAG

No meeting held ahead of the MSfW meeting.

## Hambleton & Stalmine FLAGS

PL met with the FLAG on 22 February 2023.

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

### Hambleton:

#### Queensland/Coppins/Birkrigg

1. We noticed for a long time, flooding of the gullies particularly to the left of the Queensland Entrance, several works parties were observed, and it seems to have been cleared. It was noticed on a FLAG walkabout that manholes have been uncovered in the Garden of Brooklyn, and also in the field next to Ryedale House.

Can LCC/UU advise the works done for our information?

2. Is it possible that an elevated gully can be placed on the pipe that goes under the field, so as to be active during a high rainfall event and prevent water flooding the road?
3. Has the remainder of this system been proven from the Newsagent to Queensland?
4. This system relies on the outlet into Wardleys Creek at the bottom of Barrington Close, flowing under the property Thistlefield. Has this outlet been proven? This has been raised several times.



### Sherbourne Road Flooding

5. Recently this had flooded again due to the overcharging with surface water at high rainfall events. How many flow meters are planned to be installed in Hambleton, how many have been installed, and has UU gleaned and useful information from those installed.

### Marsh Lane

6. Whilst ditch cleaning has been done there are still issue with a possible root damaged pipe.

### Rydal Outfall/Covered Culvert

7. It is understood there are still issues with proving the section from above Rydal Road to the outfall, when will this be done?
8. Also there is an issue of the outfall being below the sediment level in the Creek.

### Pedder Lane

9. There are various issues with surface water drainage and where the pipes actually run. Does LCC or UU have information on this?

### River Defence System

10. When in "early 23" will this be issued for local consultation?

### Village Road Gullies

11. This is progressing is there anything of note for feedback
12. There are many gully pavement channels, outside the Shovels, Sutherland House (adj Pedder Lane), The Tarrants (Broadpool/Sandy).

### Green Meadow Lane Outfall

13. The flap valve is seized open at pegs pool.

### Information

14. Can the FLAG be provided with several copies of the latest UU plans to assist them in understanding, identifying and discussing issue?
15. Can the official "issues and actions log" reflect Hambleton Issues?

### Stalmine:

Issues raised included

- Repeated flooding of the highway at the junction of Staynall Lane and High Gate Lane. Despite numerous works to resolve this, it remains an issue.
- Flooding at junction of Old Toms Lane, Moss Side Lane and Mill Lane – this is a new issue and is suspected to be in relation to the private culverted watercourse. Requires an inspection to determine what the issue is.
- Similarly, on the opposite site of the road there is highway flooding in front of Stalmine Lodge that requires investigation.

### Out Rawcliffe FLAG

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

### Preesall FLAG

PL met with FLAG on 6 February

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

It was with gratitude and relief to report there had been no flooding incidences across the area throughout 2022 which could have resulted in ingress to any properties.

So far in 2023 there was a flood warning issued on 13th January where rising levels of surface water around the Sunnyside area of Preesall were monitored by residents. As the levels rose, a pump was brought to area by WBC, which was then in operation for four hours and reduced the surface water to a safe level thus safeguarding the properties.

Maintenance work in 2022 on the surrounding highways with additional drainage installed has also obviously made this situation manageable. The FLAG expressed their gratitude to WBC and all agencies involved for this work and enabling residents to stand down from night watch.

The minutes of the PREESALL FLAG held 6th February 2023 itemise other issues which have previously been presented to MSFW and are awaiting actions have already been forwarded and the group await your valuable updates when available.

#### Issues raised include:

- Sunnyside Terrace flood alleviation scheme – the FLAG were disappointed that the scheme has yet to start, although they are aware that consent is still awaited from the landowner on which the proposed wetland is to be constructed.
- The sink hole in the highway on Coniston Ave; it is thought that this has been resolved, but require confirmation from UU.
- Concern was expressed that the watercourse outlets at Grange Pool and Hackenshall be checked to ensure that they are discharging freely.
- Gulley cleaning remains a major issue, particularly on Lancaster Road and Park Lane, which flood regularly.

### 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 20 February; The FLAG had raised a number of queries in advance of the meeting and these were addressed at the meeting.

Starting with Hillylaid Pool our team have located a few issues which we want to report.

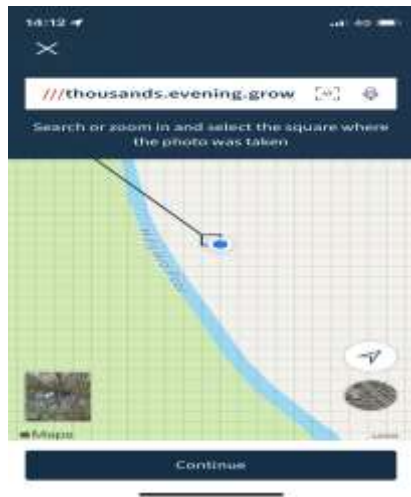
It's obvious from the pictures below that the tree has collapsed and brought a fence and associated hard paving down with it. The section in the dyke is a mixture of concrete and bricks which should easily be broken up to ease removal. It is holding back water but there is a small flow underneath. We have checked at both ends and there is no connection into the banks and no power or drainage within. This tree was recently removed by EA operatives and access is easy. We have a key to the crossing gates and so can provide access.



In the same area you can see the delicate state of refuse bins etc in the garden overlooking the dyke. From the road can be seen the collapsed wire mesh fencing now falling into the dyke.



Further down the dyke we come to another area for investigation. The location on what 3 words is thousands.evening.grow



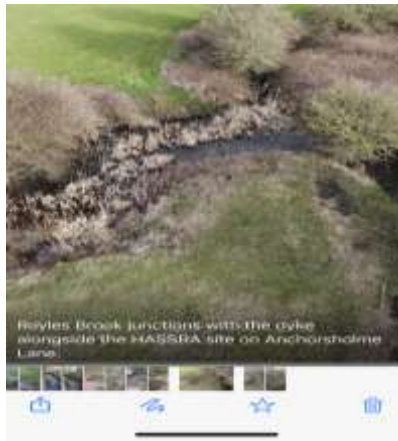
There are a few other issues in this area but further investigation by the EA would be beneficial.

Continuing south out of the railway area and into New Lane we have the following issue.



Leaving Hillylaid Pool we then travel to Anchorsholme Lane East to look at the blocked dyke adjacent to the road and the HASRA sports area and allotments. This blockage has grown and is now spreading into Royles Brook and before too long it will start to impede the flow from White Carr Lane. I believe you have requested the EA to do the work in the past and this issue is now becoming more serious.

This is an aerial photo but gives a better view of how the blockage is spreading. The top of the picture is the dyke from Anchorsholme lane and the right leg from White Carr Lane.



With regard to north Thornton the dyke which runs from the Pheasant Wood site (SA1/3) under Fleetwood Rd North and onto the Dickie and Moore site past the large corner house which is a mower business the dyke looks as though it is blocked further downstream. We are not sure if it is blocked on the development site which has just been refused planning or the Dickie and Moore site.

Further investigation is required but this dyke drains from the Pheasant Wood estate and must be free flowing.



The safety handrails which we temporarily tied up with string a few years ago have still not been repaired on Hawley Gardens. See the following photos.



We also want to highlight our concerns regarding the flood risk assessments for the planning application for Land off Fleetwood Rd North behind the Iron Horse. 21/01152/OULMAJ.

This development will come back before planning and our concerns are around the ground level heights where the whole development is being raised by 1 metre. All the older properties in this area of Burn Naze are in flood zone 3. There are existing issues regarding flooding in the area and as all the new developments flow into Springfield Brook and we know of maintenance problems on Hawley Gardens and the culverting of the system on the Power Station site then we have concerns going forward. We feel local residents should have confidence in the planning process

Our team have asked if we can visit the Power Station site to look at the culverted system and find out the inspection regime going forward. Has anyone from planning been to visit the site to check on progress to ensure the drainage system is being constructed to good standards and as to agreed plans?

Below is a photo taken a couple of days ago.



After our visit to the NPL site with Graham and Mia from the EA where we found the condition of Royles Brook through the site to have been maintained to a good standard we visited a home on Woodlands Avenue where I believe Graham was surprised to see the amount of trees and branches causing obstructions. Graham discussed the issue with the home owner and I just wondered what has been decided and if the work has been scheduled or indeed completed.

Finally I just wanted to mention the outstanding work from National Highways to desilt under Amounderness Way adjacent to New Lane. I know it's on your list and that you have contacted them on many occasions in the past.

Could you just thank Graham and his team at the EA for doing excellent work on Hillylaid Pool and also on the NPL site. We know work is constrained by budgets but we appreciate any work undertaken in our area.

## **6. UPDATES TO ISSUES & ACTIONS LOG**

The updated Issues & Actions log – 26 February - 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**

Issues raised by FLAGs (above) added to Issues & Actions log

## **8. ANY OTHER BUSINESS**

No matters were raised.

## **9. NEXT MEETING**

25 May 2023, 10am start in person at Wyre Civic Centre and via Teams - Details to follow.