

Meeting minutes

Phase 2b Planning Forum – Flooding and Drainage Subgroup Minutes #1 – September 2022

Meeting date Thursday, 22 September 2022
Meeting location Mott MacDonald Manchester/Teams online

Presenters	
Chair:	Water Resources and Flood Risk Specialist HS2
Coordinator:	Senior Technical Engagement Manager HS2
Water and Drainage:	Groundwater Specialist HS2, Water Resources and Flood Risk Specialist HS2, Principal Hydrogeologist Mott Macdonald, EOC Water Resources and Flood Risk Topic Lead Arup
Meeting minutes:	Technical Engagement Advisor HS2
Attendees	
Organisation	
Environment Agency	
HS2	
Manchester City Council	
Salford City Council	
Scottish Environment Protection Agency	
Trafford Council	
United Utilities	

1 Agenda item – Welcome and Introduction

- 1.1 Water Resources and Flood Risk Specialist as Chair, HS2 asked all attendees to introduce themselves and went through the agenda, Senior Technical Engagement Manager took attendees through housekeeping.

2 Agenda item – What is Happening

- 2.1 Senior Technical Engagement Manager gave a project overview on what is happening on Phase 2B. Chair also presented a diagram of the Hybrid Bill process, the Phase 2b programme and shared helpful links.

Questions and discussion

Manchester City Council asked HS2 if the GIS data link includes all the data for the Bill
The Chair, HS2 advised that the GIS data link does not include data from Additional
Provision 1 (AP1)

Manchester City Council raised concern about HS2 ensuring the GIS data for AP2 is on
the website in time when that comes into play

3 Agenda item – Terms of Reference (ToR) Approval

3.1 Senior Technical Engagement Manager took attendees through the Terms of Reference.

Questions and discussion

Manchester City Council queried if this subgroup will be responsible for shaping the
Environmental Minimum Requirements (EMRs) to a degree during the parliamentary
process.

The Chair, HS2 advised that the discussions on EMRs will come out of this group, any
U&A which is put into writing will be taken out of this group as it goes beyond the
technical team. But the actual EMRs itself will come out of here

Action 1: HS2 to send the ToR to United Utilities attendees

**Action 2: HS2 to update the ToR and see if the wording is appropriate around
guidance for EMRs**

4 Agenda item – Action Log

4.1 The Chair, HS2 went through the action log from the previous Flooding and Drainage
Subgroup meeting.

Questions and discussion

Manchester City Council queried if the Flooding and Drainage Subgroup want
attendees to comment on any documents they have previously shared such as, the
Code of Construction Practice

**Action 3: HS2 to share a comment sheet with attendees so that they can
comment on the Code of Construction Practice**

5 Agenda item – Climate Change Allowances

5.1 The Chair, HS2 provided an overview on how the scheme proposed to incorporate the latest
climate change allowances.

6 Agenda item – Design Development Works Post Royal-Assent

6.1 The Chair, HS2 presented Phase 1 examples on design development works post Royal-assent.

Action 4: HS2 to share the presentation with attendees

7 Agenda item – Blue Infrastructure Design Approach (BIDA)

- 7.1 The Chair, HS2 presented a Phase 1 example on a number of low carbon initiatives that have been incorporated into one of the stations design. The chair also took attendees through the BIDA document and went through a case study on a design process for achieving an integrated balancing pond.

BREAK (10 mins)

8 Agenda item – Surface Water and Groundwater Flooding Along the Line of Route

- 8.1 The Chair, HS2 asked attendees if there was any location along the line of route that they would like to have a look at. United Utilities asked if HS2 could share any station proposals, particularly Piccadilly. Drainage Engineer and The Chair, HS2 presented and took attendees through a diagram of Manchester Piccadilly station.

9 Agenda item – Future Meetings and AOB

- 9.1 The Chair, HS2 advised that the next Flooding and Drainage Subgroup meeting will take place in March 2023.