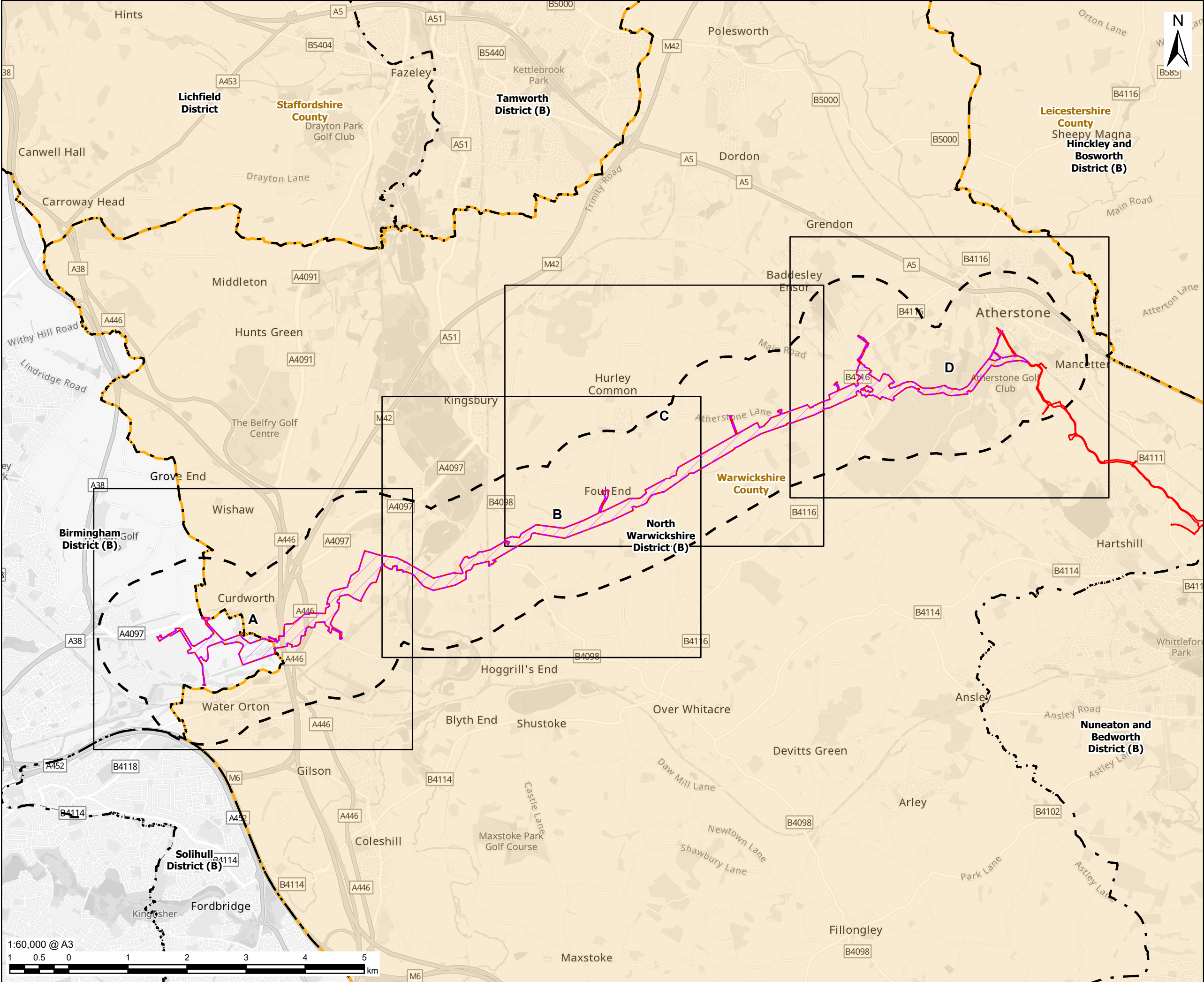


**Figure 22-P1-4: Part 1 BGS Aquifer Classification
Bedrock, Groundwater Abstractions, Source Protec-
tion Zones and Discharge Permits**

Filename: C:\Users\Dirmina\AECOM\Affinity Water GUC GIS team - Affinity Water EIA Project\02_Maps\PPEL_Report\Chapter_22_Water_Env_and_Flood_Risk\Chapter_22_Part_1_Figs_22_1_1_to_22_7_Water_Env_and_Flood_Risk.aprx

Revision: 0 Drawn: DD Checked: JW Approved: LL Date: 2025-11-14



AECOM

PROJECT

Grand Union
Canal Transfer

CLIENT

Affinity Water, Severn Trent Water
and Canal & River Trust

CONSULTANT

AECOM Limited
Midpoint,
Alencon Link
Basingstoke, RG21 7PP
www.aecom.com

LEGEND

- Part 1
- 1km Study Area
- Preliminary Order Limits
- District Boundary
- County Boundary
- Sheet Extent

NOTES

- Reproduced from Ordnance Survey digital map data © Crown copyright and database rights 2024 OS 100025261.
- Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

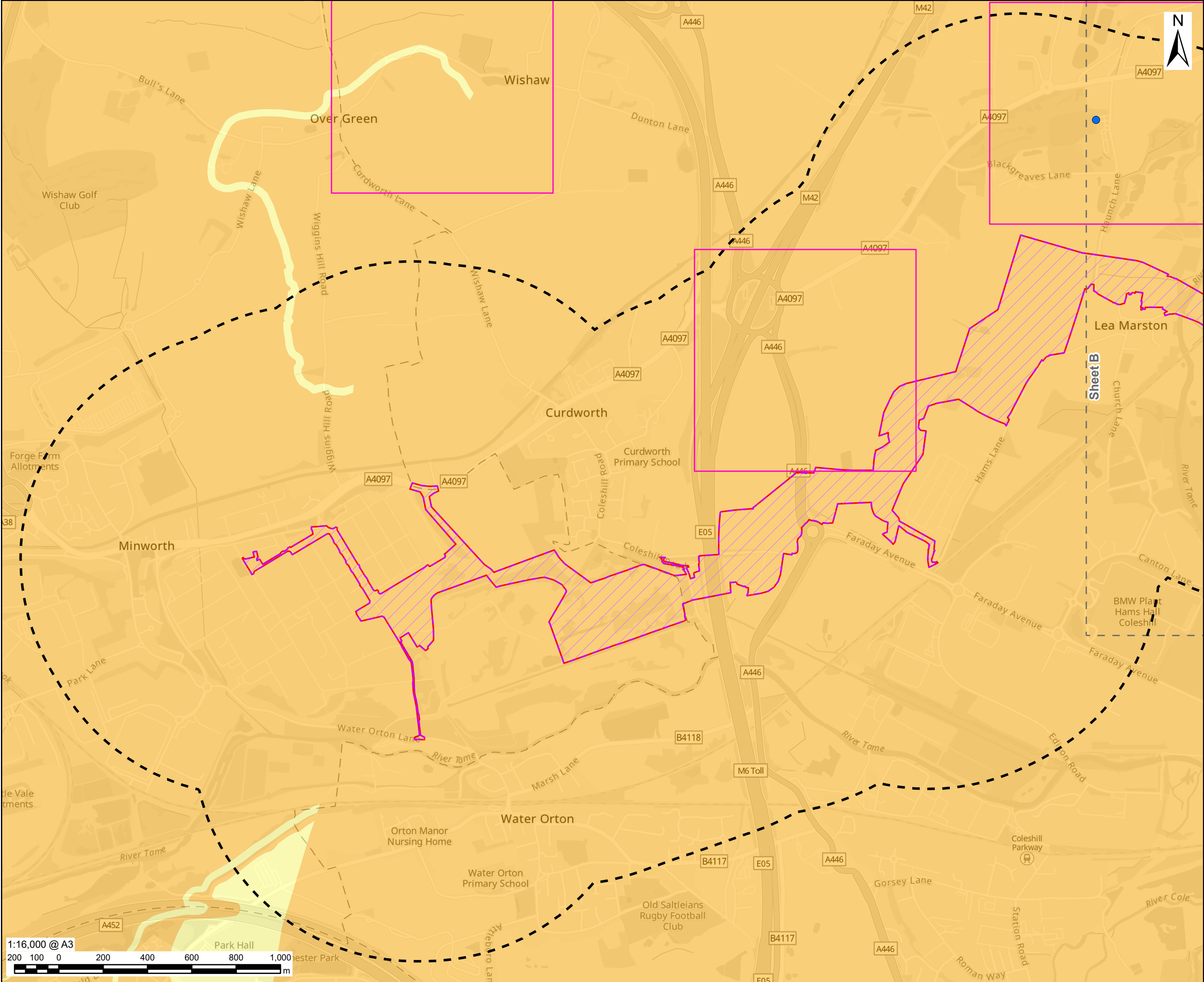
60720432

FIGURE TITLE

Part 1 BGS Aquifer Classification
Bedrock, Groundwater Abstractions,
Source Protection Zones and
Discharge Permits
Overview

FIGURE NUMBER

Figure 22-P1-4



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

PROJECT

CLIENT
Affinity Water, Severn Trent Water
and Canal & River Trust

CONSULTANT
AECOM Limited
Midpoint,
Alencon Link
Basingstoke, RG21 7PP
www.aecom.com

LEGEND

Part 1

1km Study Area

Preliminary Order Limits

Sheet Extent

Permitted Discharge (Groundwater)

Env Agency Groundwater Abstraction
Licences Aug 2025 - 1km resolution

BGS Aquifer Classification - Bedrock

Secondary B

Secondary (undifferentiated)

- NOTES**
1. Reproduced from Ordnance Survey digital map data © Crown copyright and database rights 2025 OS 100025261.

2. Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS.

3. © British Geological Survey.

4. Contains Environment Agency information © Environment Agency and/or database rights.

5. © Environment Agency copyright and/or database right 2016. All rights reserved.

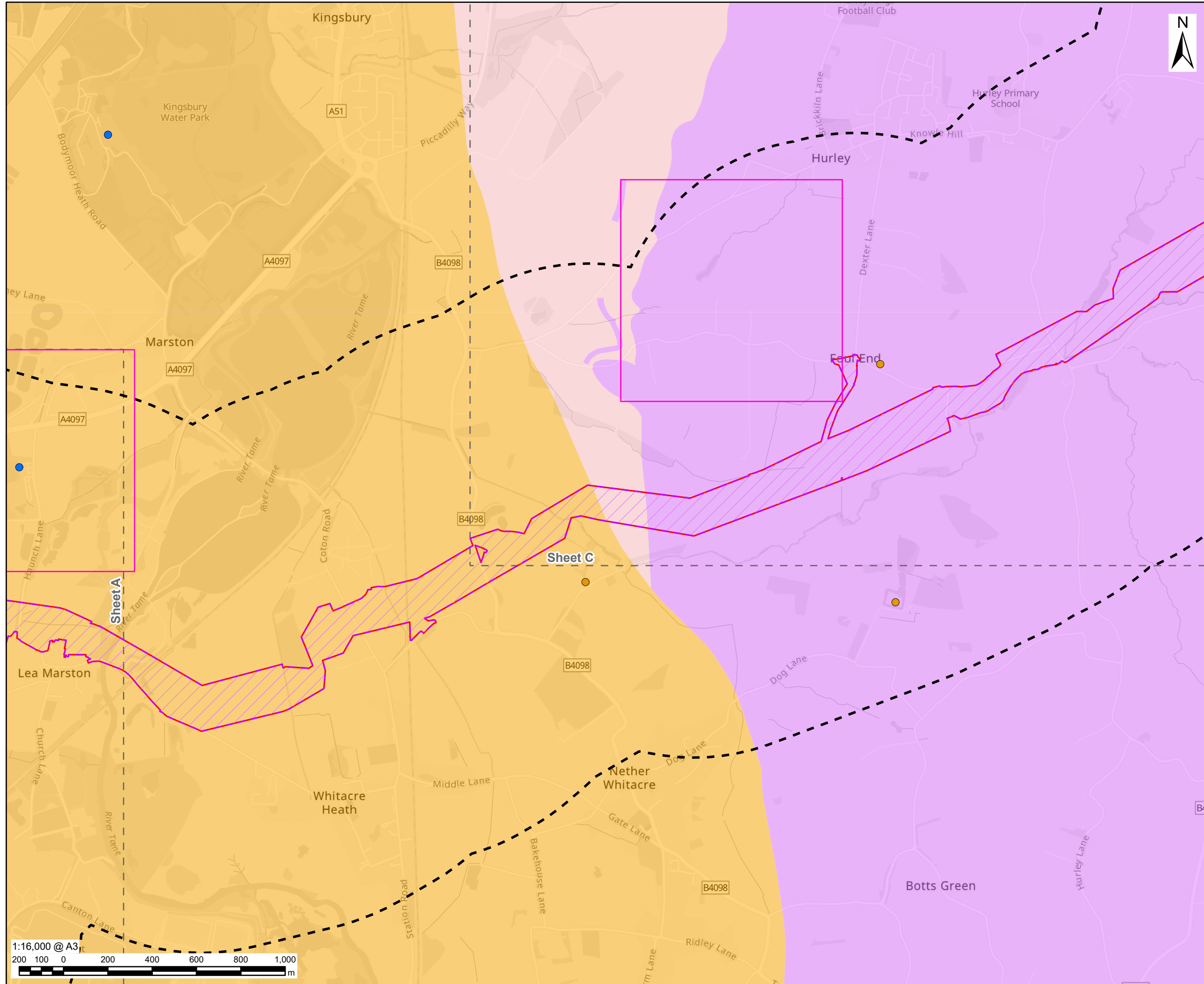
6. Private Water Supply Abstraction: © Buckinghamshire Council 2025, © Central Bedfordshire Council 2025. © North Warwickshire Borough Council.

ISSUE PURPOSE
FINAL

PROJECT NUMBER
60720432

FIGURE TITLE
Part 1 BGS Aquifer Classification
Bedrock, Groundwater Abstractions,
Source Protection Zones and
Discharge Permits
Sheet A

FIGURE NUMBER
Figure 22-P1-4



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.

AECOM

PROJECT



Grand Union Canal Transfer

CLIENT

Affinity Water, Severn Trent Water
and Canal & River Trust

CONSULTANT

AECOM Limited
Midpoint,
Alencon Link
Basingstoke, RG21 7PP
www.aecom.com

LEGEND

-
- Part 1
 - 1km Study Area
 - Preliminary Order Limits
 - Sheet Extent
 - Permitted Discharge (Groundwater)
 - Private Water Supply Abstraction
 - Env Agency Groundwater Abstraction Licences Aug 2025 - 1km resolution

BGS Aquifer Classification - Bedrock

- Principal
- Secondary A
- Secondary B

NOTES

1. Reproduced from Ordnance Survey digital map data © Crown copyright and database rights 2025 OS 100025261.
2. Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS.
3. © British Geological Survey.
4. Contains Environment Agency information © Environment Agency and/or database rights.
5. © Environment Agency copyright and/or database right 2016. All rights reserved.
6. Private Water Supply Abstraction: © Buckinghamshire Council 2025, © Central Bedfordshire Council 2025. © North Warwickshire Borough Council.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

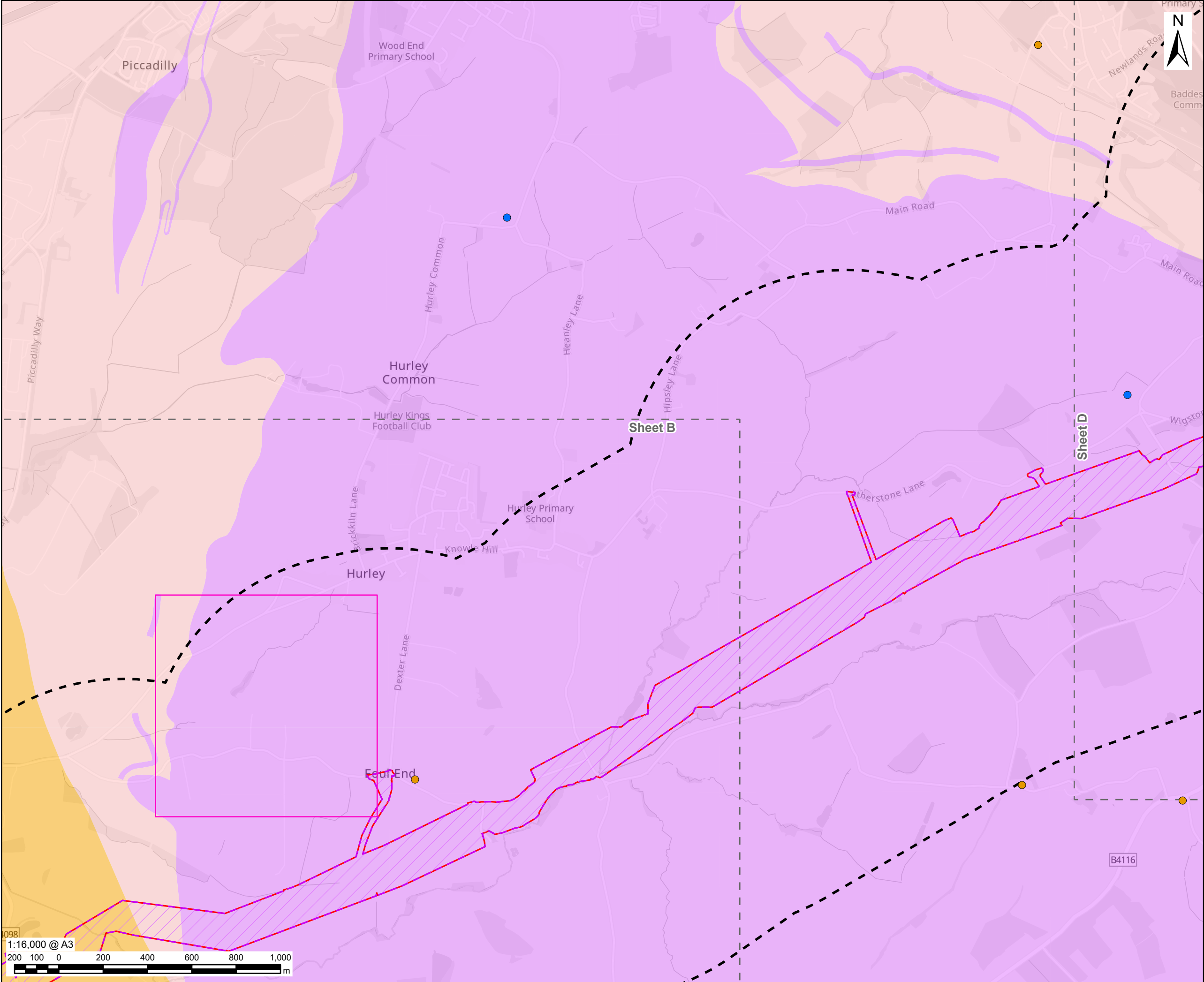
60720432

FIGURE TITLE

Part 1 BGS Aquifer Classification
Bedrock, Groundwater Abstractions,
Source Protection Zones and
Discharge Permits
Sheet B

FIGURE NUMBER

Figure 22-P1-4



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

AECOM

PROJECT



Grand Union
Canal Transfer

CLIENT

Affinity Water, Severn Trent Water
and Canal & River Trust

CONSULTANT

AECOM Limited
Midpoint,
Alencon Link
Basingstoke, RG21 7PP
www.aecom.com

LEGEND

 Part 1

 1km Study Area

 Preliminary Order Limits

 Sheet Extent

 Permitted Discharge (Groundwater)

 Private Water Supply Abstraction

 Env Agency Groundwater Abstraction
Licences Aug 2025 - 1km resolution

BGS Aquifer Classification - Bedrock

 Principal

 Secondary A

 Secondary B

NOTES

1. Reproduced from Ordnance Survey digital map data © Crown copyright and database rights 2025 OS 100025261.

2. Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS.

3. © British Geological Survey.

4. Contains Environment Agency information © Environment Agency and/or database rights.

5. © Environment Agency copyright and/or database right 2016. All rights reserved.

6. Private Water Supply Abstraction: © Buckinghamshire Council 2025, © Central Bedfordshire Council 2025. © North Warwickshire Borough Council.

ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

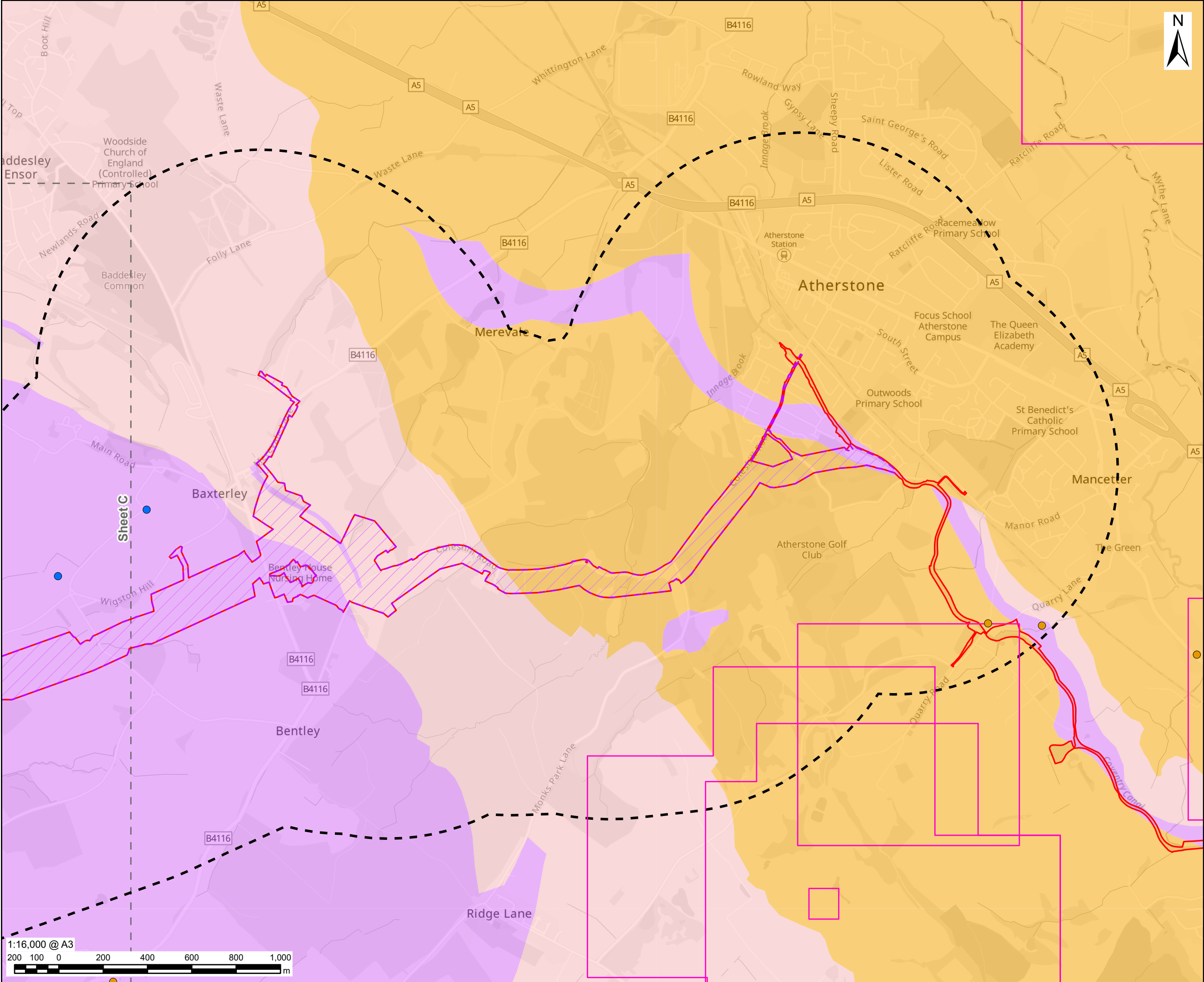
Part 1 BGS Aquifer Classification
Bedrock, Groundwater Abstractions,
Source Protection Zones and
Discharge Permits
Sheet C

FIGURE NUMBER

Figure 22-P1-4

Filename: C:\Users\Dirmina\AECOM\Affinity Water EIA Project\02_Maps\PEL_Report\Chapter_22_Water_Env_and_Flood_Risk\Chapter_22_Part_1_Figs_22_1_1_to_22_7_Water_Env_and_Flood_Risk.aprx

Revision: 0 Drawn: DD Checked: JW Approved: LL Date: 2025-11-14



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.