In Parliament – Session 2021 - 2022

HS2

High Speed Rail (Crewe – Manchester)

Background information and data

Water resources and flood risk

BID WR-002-00001_Part 2

Water Framework Directive compliance assessment baseline data - Part 2 of 2

M304

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Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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3 Groundwater baseline

3.1 WFD groundwater bodies

3.1.1 Table 113 presents the baseline information for all WFD groundwater bodies in the study area and indicates whether they have been screened in for WFD preliminary assessment based on their potential to be affected by the Proposed Scheme.

3.1.2 The locations of the relevant WFD groundwater bodies are shown in Figure 21 to Figure 24.

3.1.3 The 2015 status and status objectives along with the 2019 status information for each WFD groundwater body is then provided in the sections below.

Table 113: Summary of all WFD groundwater bodies within study area and their 2015 and 2019 Cycle 2 status classifications

WFD water body	Water body ID	River Basin District / management plan	2015			2019			Screened in for WFD preliminary assessment?
			Overall status	Quantitative status	Chemical status	Overall status	Quantitative status	Chemical status	
Weaver and Dane Quaternary Sand and Gravel Aquifers	GB41202G991700	North West	Poor	Good	Poor	Poor	Good	Poor	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers	GB41201G101700	North West	Poor	Poor	Poor	Poor	Poor	Poor	Yes
Sankey and Glaze Carboniferous Aquifers	GB41202G100100	North West	Poor	Good	Poor	Poor	Good	Poor	Yes
Manchester and East Cheshire Permo - Triassic Sandstone Aquifers	GB41201G101100	North West	Poor	Poor	Poor	Poor	Poor	Poor	Yes
Douglas, Darwen and Calder Carboniferous Aquifers	GB41202G100300	North West	Poor	Good	Poor	Poor	Good	Poor	No

Figure 21: WFD groundwater bodies within the study area (Part 1)

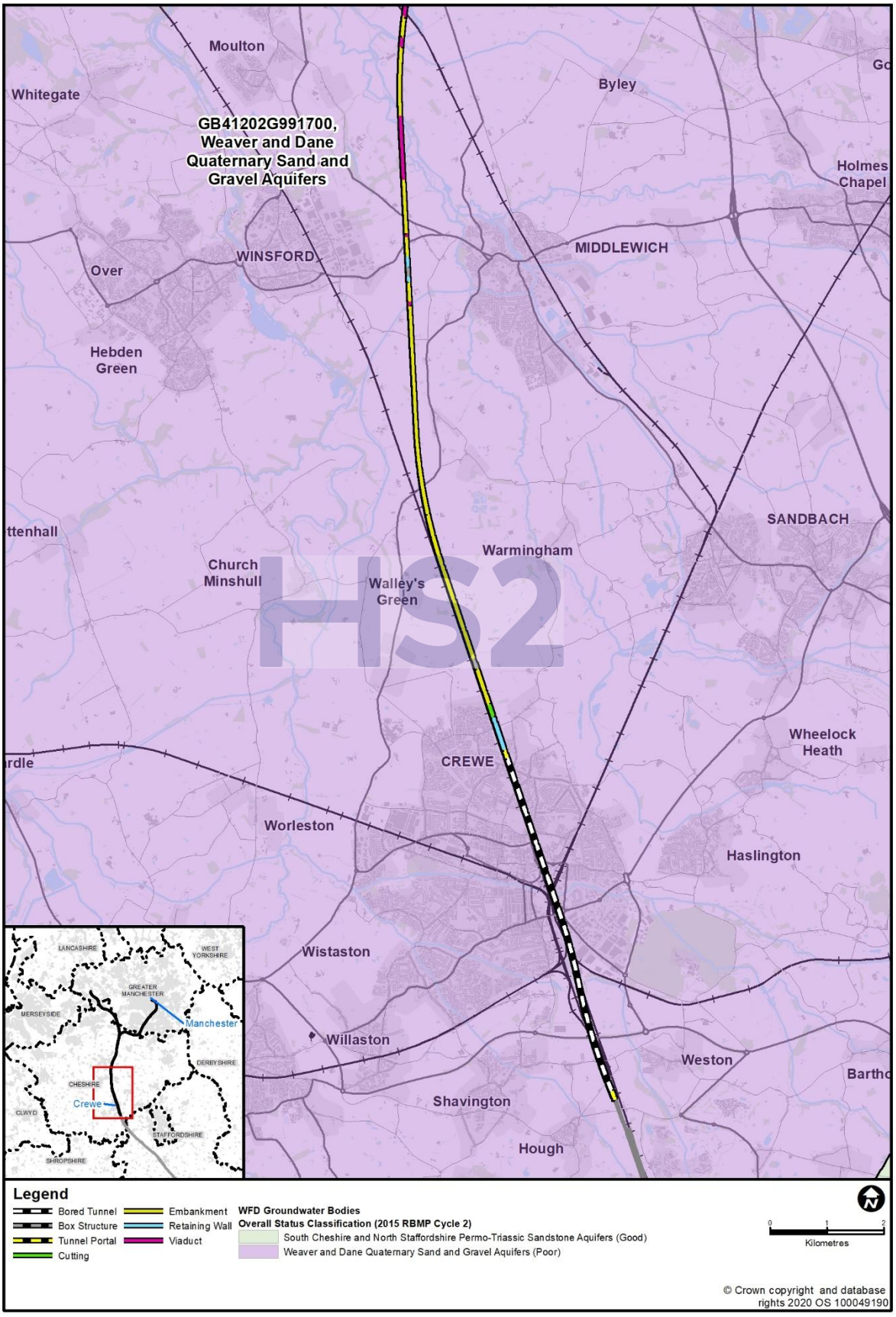


Figure 22: WFD groundwater bodies within the study area (Part 2)

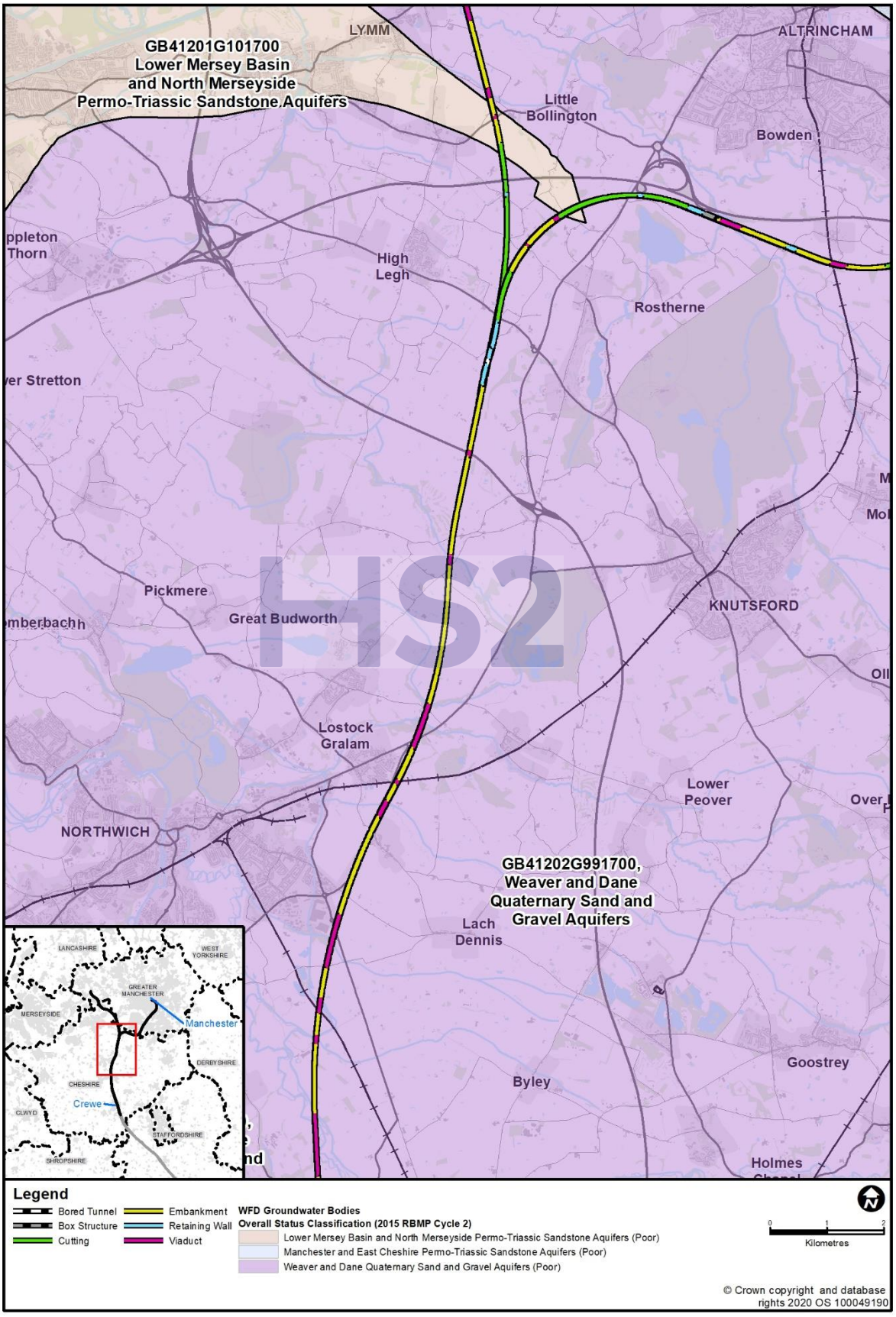


Figure 23: WFD groundwater bodies within the study area (Part 3)

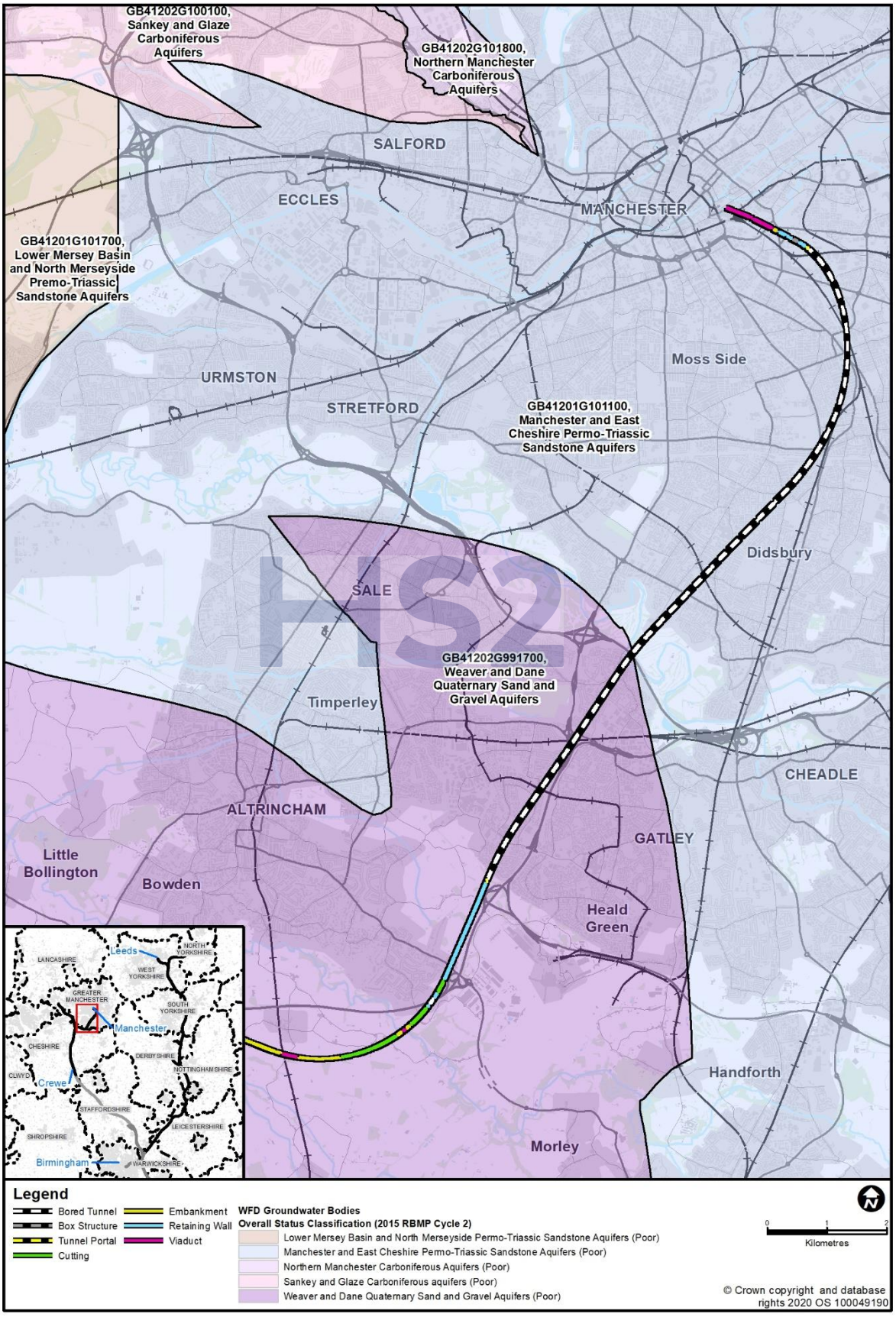
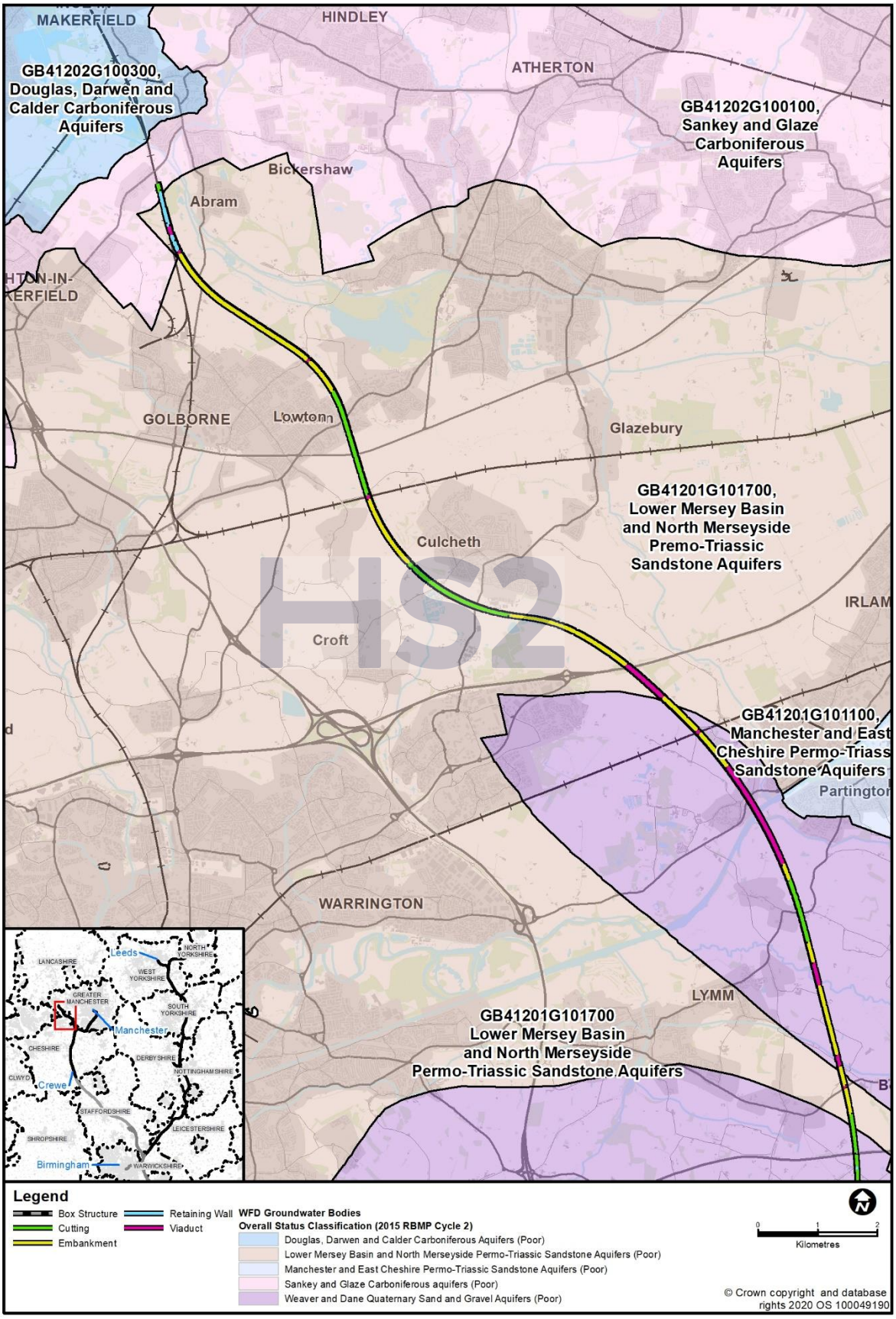


Figure 24: WFD groundwater bodies within the study area (Part 4)



Weaver and Dane Quaternary Sand and Gravel Aquifers (GB41202G991700)

3.1.4 The Weaver and Dane Quaternary Sand and Gravel Aquifers (GB41202G991700) water body is currently assessed as having a poor overall status, good quantitative status, and poor chemical status.

3.1.5 The 2015 Cycle 2 status classification data for the water body are shown in Table 114, along with the 2019 status data. The water body is currently failing the good chemical status objective, and hence the overall status objective, due to the chemical dependent surface water body status (poor), the chemical groundwater dependent terrestrial ecosystems (GWDTE) test (poor) and the general chemical test (poor).

Table 114: Weaver and Dane Quaternary Sand and Gravel Aquifers – 2015 Cycle 2 status classification, objectives and 2019 status

Status element	Status (2015)	RBMP Cycle 2 status objective	Status (2019)
Overall status	Poor	Good by 2027	Poor
Quantitative status	Good	Good by 2015	Good
Quantitative dependent surface water body status	Good	Good by 2015	Good
Quantitative GWDTEs test	Good	Good by 2015	Good
Quantitative saline intrusion	Good	Good by 2015	Good
Quantitative water balance	Good	Good by 2015	Good
Chemical status	Poor	Good by 2027	Poor
Chemical dependent surface water body status	Poor	Good by 2027	Poor
Chemical drinking water protected area	Good	Good by 2015	Good
Chemical GWDTEs test	Poor	Good by 2027	Poor
Chemical saline intrusion	Good	Good by 2015	Good
General chemical test	Poor	Good by 2027	Poor

Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers (GB41201G101700)

3.1.6 The Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers (GB41201G101700) water body is currently assessed as having a poor overall status, poor quantitative status, and poor chemical status.

3.1.7 The 2015 Cycle 2 status classification data for the water body are shown in Table 115, along with the 2019 status data. The water body is currently failing the good quantitative status objective due to the quantitative saline intrusion (poor) and the good chemical status objective due to the chemical dependent surface water body status (poor), the chemical drinking water protected area (poor) and the chemical saline intrusion (poor).

Table 115: Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers – 2015 Cycle 2 status classification and objectives and 2019 status

Status element	Status (2015)	RBMP Cycle 2 status objective	Status (2019)
Overall status	Poor	Good by 2027	Poor
Quantitative status	Poor	Good by 2027	Poor
Quantitative dependent surface water body status	Good	Good by 2015	Good
Quantitative GWDTEs test	Good	Good by 2015	Good
Quantitative saline intrusion	Poor	Good by 2027	Poor
Quantitative water balance	Good	Good by 2015	Good
Chemical status	Poor	Good by 2027	Poor
Chemical dependent surface water body status	Poor	Good by 2027	Poor
Chemical drinking water protected area	Poor	Good by 2027	Poor
Chemical GWDTEs test	Good	Good by 2015	Good
Chemical saline intrusion	Poor	Good by 2027	Poor
General chemical test	Good	Good by 2015	Poor

Sankey and Glaze Carboniferous Aquifers (GB41202G100100)

3.1.8 The Sankey and Glaze Carboniferous Aquifer (GB41202G100100) water body is currently assessed as having a poor overall status, good quantitative status, and poor chemical status.

3.1.9 The 2015 Cycle 2 status classification data for the water body are shown in Table 116, along with the 2019 status data. The water body is currently failing the good chemical status objective due to the chemical dependent surface water body status (poor) and the general chemical test (poor).

Table 116: Sankey and Glaze Carboniferous Aquifers – 2015 Cycle 2 status classification and objectives and 2019 status

Status element	Status (2015)	RBMP Cycle 2 status objective	Status (2019)
Overall status	Poor	Poor by 2015*	Poor
Quantitative status	Good	Good by 2015	Good
Quantitative dependent surface water body status	Good	Good by 2015	Good
Quantitative GWDTEs test	Good	Good by 2015	Good
Quantitative saline intrusion	Good	Good by 2015	Good
Quantitative water balance	Good	Good by 2015	Good
Chemical status	Poor	Poor by 2015**	Poor
Chemical dependent surface water body status	Poor	Good by 2027	Poor
Chemical drinking water protected area	Good	Good by 2015	Good
Chemical GWDTEs test	Good	Good by 2015	Good

Status element	Status (2015)	RBMP Cycle 2 status objective	Status (2019)
Chemical saline intrusion	Good	Good by 2015	Good
General chemical test	Poor	Poor by 2015**	Poor

** reason for alternative objective – disproportionate burdens (disproportionately expensive)*
*** reasons for alternative objective – no known technical solution is available (technically infeasible)*

Manchester and East Cheshire Permo-Triassic Sandstone Aquifers (GB41201G101100)

3.1.10 The Manchester and East Cheshire Permo-Triassic Sandstone Aquifers (GB41201G101100) water body is currently assessed as having a poor overall status, poor quantitative status, and poor chemical status.

3.1.11 The 2015 Cycle 2 status classification data for the water body are shown in Table 117, along with the 2019 status data. The water body is currently failing the good quantitative status objective due to the quantitative saline intrusion (poor) and the good chemical status objective due to the chemical saline intrusion (poor).

Table 117: Manchester and East Cheshire Permo-Triassic Sandstone Aquifers – 2015 Cycle 2 status classification and objectives and 2019 status

Status element	Status (2015)	RBMP Cycle 2 status objective	Status (2019)
Overall status	Poor	Good by 2021	Poor
Quantitative status	Poor	Good by 2021	Poor
Quantitative dependent surface water body status	Good	Good by 2015	Good
Quantitative GWDTEs test	Good	Good by 2015	Good
Quantitative saline intrusion	Poor	Good by 2021	Poor
Quantitative water balance	Good	Good by 2015	Good
Chemical status	Poor	Good by 2021	Poor
Chemical dependent surface water body status	Good	Good by 2015	Good
Chemical drinking water protected area	Good	Good by 2015	Good
Chemical GWDTEs test	Good	Good by 2015	Good
Chemical saline intrusion	Poor	Good by 2021	Poor
General chemical test	Good	Good by 2015	Good

Douglas, Darwen and Calder Carboniferous Aquifers (GB41202G100300)

3.1.12 The Douglas, Darwen and Calder Carboniferous Aquifers (GB41202G100300) water body is currently assessed as having a poor overall status, good quantitative status, and poor chemical status.

3.1.13 The 2015 Cycle 2 status classification data for the water body are shown in Table 118, along with the 2019 status data. The water body is currently failing the good chemical status objective due to the chemical dependent surface water body status (poor).

Table 118: Douglas, Darwen and Calder Carboniferous Aquifers – 2015 Cycle 2 status classification and objectives and 2019 status

Status element	Status (2015)	RBMP Cycle 2 status objective	Status (2019)
Overall status	Poor	Good by 2027	Poor
Quantitative status	Good	Good by 2015	Good
Quantitative dependent surface water body status	Good	Good by 2015	Good
Quantitative GWDTEs test	Good	Good by 2015	Good
Quantitative saline intrusion	Good	Good by 2015	Good
Quantitative water balance	Good	Good by 2015	Good
Chemical status	Poor	Good by 2027	Poor
Chemical dependent surface water body status	Poor	Good by 2027	Poor
Chemical drinking water protected area	Good	Good by 2015	Good
Chemical GWDTEs test	Good	Good by 2015	Good
Chemical saline intrusion	Good	Good by 2015	Good
General chemical test	Good	Good by 2015	Good

3.2 Groundwater features (characterisation of groundwater body baseline)

3.2.1 A range of features such as springs, marshes and other groundwater dependent wetland habitats have been used to characterise the baseline condition of the groundwater body.

3.2.2 Table 119 presents the baseline information for all potential groundwater body indicator features identified in the study area and identifies whether they have been screened in to support the WFD preliminary assessment.

3.2.3 The locations of these groundwater features are shown in Figure 25 to Figure 40.

3.2.4 A summary of the baseline condition of each groundwater feature screened in for assessment is then provided in the sections below. Where a field survey has been undertaken, photographic evidence of the feature is also provided.

3.2.5 Where desk study or field survey has identified a potential feature as being a culvert, the feature has been screened out. This includes the following features:

Weaver and Dane Quaternary Sand and Gravel Aquifers

- Potential spring S_05 – potential spring south of Weston, 105m west of Crewe and Nantwich Circular Walk Path
- Potential spring S_08 – potential sink at Willow View School, Coppenhall Moss
- Potential spring S_10 – potential spring 500m east of Burnt Covert
- Potential spring S_19 – potential spring 210m south of Wimboldsley Grange, at The Dingle
- Potential spring S_22 – potential sink at Clive Green, Clivegreen Lane
- Potential spring S_23 – potential spring at Clive Green, Clivegreen Lane
- Potential spring S_43 – potential sink 165m west of Winnington Wood, north of Lostock Gralam
- Potential spring S_50a – potential spring at Flittogate Farm, Flittogate Lane
- Potential spring S_75 – potential sink east of Grey's Gorse
- Potential spring S_76 – potential spring 130m north-west of Spodegreen Farm
- Potential spring S_88 – potential spring at Agden Bridge Farm
- Potential spring S_89 – potential sink at Spring Lane, Agden Bridge Farm
- Potential spring S_92 – potential sink at Mill Lane, 200m west of Gailey Wood
- Potential spring S_93 – potential spring at Heatley Flash, Heatley
- Potential spring S_95 – potential sink at Heatley Flash, Heatley
- Potential spring S_97 – potential sink south-east of Fox Covert, Heatley
- Potential spring S_105 – potential sink 400m west of Mount Pleasant Farm
- Potential spring S_116a – potential sink at Mobberley Road, 465m east of Arden House
- Potential spring S_123 – potential sink 50m north of Castle Mill Farm
- Potential spring S_124 – potential sink at Hough Green Farm
- Potential spring S_128 – potential spring at Brook Cottage, Spodegreen Lane
- Potential spring S_149 – potential spring at Lamb's Covert
- Potential spring S_158 – potential spring at Ryecroft Covert, 30m north of Birkin Brook footbridge
- Potential spring S_163 – potential spring 190m south-west of Ashley Hall
- Potential spring S_185 – potential spring at Mandalay, Spodegreen Lane
- Potential spring S_192 – potential spring at M56 Junction 5 north

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- Potential spring S_01 – potential sink at Agden Mount, Agden Brow

- Potential spring S_13 – potential spring at Ferndale Mews, Holcroft Lane
- Potential spring S_25 – potential spring at Holcroft Cottage, Hey Shoot Lane
- Potential spring S_27 – potential sink between Common Lane and Elsmere Road, Culcheth
- Potential spring S_28 – potential spring at Hob Hey Lane, Culcheth
- Potential spring S_35a – potential spring at Dismantled Railway, east of Diggle Green Farm
- Potential spring S_38b – potential sink at Allotment Gardens, 300m north-east of Lowton St Mary's school
- Potential spring S_52 – potential sink at canal, 225m west of Chadwick's Farm
- Potential spring S_56 – potential sink at end of Coffin Lane Brook, east of Bryn Gates
- Potential spring S_58 – potential spring draining to Hey Brook, 330m east of Bamfurlong recreation ground

Sankey and Glaze Carboniferous Aquifers

- Potential spring S_06 – potential spring north of Pumping Station, Bryn Gates
- Potential spring S_07 – potential spring at Beech Tree Houses, Bryn Gates

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- Potential spring S_11 – potential spring at Manby Road south

3.2.6 Where desk study has identified no hydrological pathway between the Proposed Scheme and a groundwater feature, the feature has been screened out. This includes the following features:

Weaver and Dane Quaternary Sand and Gravel Aquifers

- GWDTE G_15d – Ridding Farm Ponds
- GWDTE G_15e – Worsley Covert and Polestead Wood
- GWDTE G_17 – Boundary Wood and Weaver Bank Wood
- Potential spring S_39 – potential spring 230m west of Winnington Wood at Lostock Gralam
- GWDTE G_40b – Shakerley Mere Country Park
- GWDTE G_40c – Rudheath
- Unlicensed abstraction Uab_40d – lagoon at Rudheath Woods, Cranage, Knutsford
- Unlicensed abstraction Uab_50b – well at Frog Lane Farm, Pickmere, Knutsford, Cheshire
- GWDTE G_52a – Bongs Wood and Rough

- GWDTE G_79 – field behind 'Ye Olde No. 3' (Public House)
- GWDTE G_104 – Rixton Clay Pits
- GWDTE G_112 – Old Deer Enclosure, Tatton Park
- Potential spring S_113 – potential spring at Blackshaw Heys Farm
- Unlicensed abstraction Uab_115b – abstraction west of Lower House Farm
- GWDTE G_121 – Cotteril Clough
- Potential spring S_125 – spring at Sunbank Wood east, 230m north of Memorial Stone
- Potential spring S_132 – spring at Sunbank Wood east, 316m north of Memorial Stone
- Potential spring S_148 – potential spring at Oak Farm Cottages, Sunbank Lane
- Potential spring S_152 – potential spring 60m north-east of River Bollin M56
- Potential spring S_153 – potential spring 60m north-east of River Bollin M56
- Potential spring S_154 – potential spring 60m north-east of River Bollin M56
- Potential spring S_170 – spring 90m west of Haslemere Avenue, Hale
- EA groundwater level monitoring borehole EAL_206 – Wythenshawe Park Deep
- EA groundwater level monitoring borehole EAL_207 – Wythenshawe Park Shallow

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- GWDTE G_18 – Risley Moss
- EA groundwater level monitoring borehole EAL_20 – Taylors Industrial Estate
- Potential spring S_22 – potential spring 175m north-west of St. Lewis Catholic Primary School
- EA groundwater level monitoring borehole EAL_23a – Croft Pumping Station
- EA groundwater level monitoring borehole EAL_26 – Kenyon Farm
- EA groundwater level monitoring borehole EAL_33 – Kenyon Lane
- Potential spring S_34 – potential spring at Diggle Green Farm
- EA groundwater level monitoring borehole EAL_35b – Landside South
- EA groundwater level monitoring borehole EAL_38a – Landside North
- EA groundwater level monitoring borehole EAL_46 – Slag Lane
- Potential spring S_50 – spring 450m east of Aye Bridge Farm

Sankey and Glaze Carboniferous Aquifers

- Potential spring S_02 – potential spring at Public Car Park, Bolton Road, Ashton-in-Makerfield
- Potential spring S_14 – spring at Bamfurlong Bridge

Manchester and East Cheshire Permo-Triassic Sandstone Aquifers

- GWDTE G_02 – Rose Hill Woods
- EA groundwater level monitoring borehole EAL_12 – Hallidays
- EA groundwater level monitoring borehole EAL_13 – High School

Douglas, Darwen and Calder Carboniferous Aquifers

- GWDTE G_01 – Bryn Marsh and Ince Moss

Table 119: Summary of groundwater features potentially affected by Proposed Scheme

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7256251 353	S_02	Potential spring 70m east of Chorlton Bank Farm	Yes	490m south-east of the route of the Proposed Scheme (330m east of the land required for construction of the Proposed Scheme). Surveys show that this is a buried stream, acting as a groundwater collect, discharging into Basford Brook.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7289451 943	S_05	Potential spring south of Weston, 105m west of Crewe and Nantwich Circular Walk Path	No	860m east of the route of the Proposed Scheme (820m east of the land required for construction of the Proposed Scheme). Detailed River Network (DRN) indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7210153 665	S_06	Potential spring at Savoy Road, Crewe	No	620m east of the route of the Proposed Scheme (160m west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7073658 617	S_08	Potential sink at Willow View School, Coppenhall Moss	No	830m east of the route of the Proposed Scheme (40m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6981658 735	S_09	Potential spring 500m south-west of Moss Farm, north of Crewe	Yes	Crossed by the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). DRN and survey show this is a culvert.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6969060 399	S_10	Potential spring 500m east of Burnt Covert	No	400m east of the route of the Proposed Scheme (190m east of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6872460 599	S_11	Potential spring at Moat House Farm, Minshull Vernon	Yes	420m west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys show that this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6848461 061	S_12	Potential spring at The Woodlands, Minshull Vernon	Yes	520m west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys could not locate a feature however a small, vegetated ditch surrounded by flat grassy fields was identified.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6801961 312	S_13	Potential sink on Worsley Covert, at Woodside Farm	Yes	920m west of the route of the Proposed Scheme (530m north-west of the land required for construction of the Proposed Scheme). Surveys show this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6873561 830	S_14	Potential spring 260m west of Park Hall Farm, Minshull Vernon	Yes	80m west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys confirmed this is a piped discharge	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						from under the railway, not a groundwater feature.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6807562288	S_15a	Potential sink 230m west of Wimboldsley Hall	Yes	660m west of the route of the Proposed Scheme (on the boundary of the land required for construction of the Proposed Scheme). Surveys show this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6987458613	G_15b	Moss Bridge Marsh	Yes	Crossed by the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys show habitat is a marshy grassland which may be supported by surface water from drainage channels, rainfall or groundwater from underlying glacial till.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6962558759	G_15c	Spring Plantation Grassland	Yes	90m west of the route of the Proposed Scheme (eastern end of site is location within the land required for construction of the Proposed Scheme). Surveys show habitat is a grassy field with marshy grassland characteristics which may be supported by surface water from drainage channels, rainfall or groundwater from underlying glacial till.	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6993560413	G_15d	Ridding Farm Ponds	No	610m east of the route of the Proposed Scheme (430m east of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6811260994	G_15e	Worsley Covert and Polestead Wood	No	830m west of the route of the Proposed Scheme (180m west of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6829462201	S_16	Spring 100m south of Wimboldsley Hall	Yes	450m west of the route of the Proposed Scheme (less than 10m west of the land required for construction of the Proposed Scheme). Surveys show this feature is a spring flowing into the Tributary of River Weaver 2.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6772462718	G_17	Boundary Wood and Weaver Bank Wood	No	850m west of the route of the Proposed Scheme (20m west of the land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6807463009	S_18	Potential sink at The Dingle and Shropshire Union Canal, 235m south of Wimboldsley Grange	Yes	530m west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys show this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6801463035	S_19	Potential spring 210m south of Wimboldsley Grange, at The Dingle	No	630m west of the route of the Proposed Scheme (20m west of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6780264427	G_20	Wimboldsley Wood	No	760m west of the route of the Proposed Scheme (20m west of the land required for construction of the Proposed Scheme). Partially survey identified woodland which is unlikely to be groundwater dependent however, unable to access the south-east of the site.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	Exact location unknown. Approximately SJ6780264427	S_21	Potential saliferous spring in Wimboldsley Wood	Yes	760m west of the route of the Proposed Scheme (20m west of the land required for construction of the Proposed Scheme). The location is not known precisely. Surveys were unable to identify a saliferous spring however access was not available to all of the site.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers	Spring	SJ6801465034	S_22	Potential sink at Clive Green, Clivegreen Lane	No	550m from the route of the Proposed Scheme (40m south of the land required for construction	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
GB41202G991700						of the Proposed Scheme). DRN indicates this is a culvert.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6803465 071	S_23	Potential spring at Clive Green, Clivegreen Lane	No	500m west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6919169 191	S_24	Potential spring 180m north of Norcroft Farm	Yes	650m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys show this is a land drainage outfall which is not supporting wetland habitat so is assessed as a Low value receptor.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6894965 735	S_25	Potential spring 100m east of Yew-Tree Farm, Coalpit Lane	Yes	450m east of the route of the Proposed Scheme (50m north of the land required for construction of the Proposed Scheme). Surveys show this is a culvert passing under Shropshire Union Canal, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Unlicensed abstraction	SJ6911165 531	Uab_26	Mellor Knowl Farm and Otters Retreat	No	600m east of the route of the Proposed Scheme (200m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6894465 736	S_27	Potential spring 100m east Yew-Tree Farm, Coalpit Lane	Yes	450m east of the route of the Proposed Scheme (50m north of the land required for construction of the Proposed Scheme). Surveys	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						show this is a culvert passing under Shropshire Union Canal, not a groundwater feature.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6768965 833	S_28	Spring south-west of Clive	Yes	800m west of the route of the Proposed Scheme (620m south-west of the land required for construction of the Proposed Scheme). Surveys show this is a spring flowing to the south-east, possibly hydraulically connected to Tributary of River Wheelock 5.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6880765 992	S_29	Potential spring at pond 40m west of Coalpit Lane	No	310m east of the route of the Proposed Scheme (30m east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6871066 074	S_30	Potential spring 140m north of Yew-Tree Farm, Coalpit Lane	No	220m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6916666 426	S_31a	Potential spring at Mill Farm, Coalpit Lane	No	680m east of the route of the Proposed Scheme (140m north-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6828366 636	G_31b	Stanthorne Hall Farm	No	40m west of the route of the Proposed Scheme (within the land required for construction of the	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						Proposed Scheme). Not yet surveyed.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6905566 619	S_32	Potential sink at Bostock House, A54	No	600m east of the route of the Proposed Scheme (130m south of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6890266 690	S_33a	Spring 215m west of Bostock House, A54	Yes	440m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys show this is a spring flowing south-east and is likely to discharge to the River Wheelock via potential sink at Bostock House, A54.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Unlicensed abstraction	SJ6820167 304	Uab_33b	Bank Farm, Stanthorne, Middlewich	No	230m west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ3777067 121	G_34a	Greenhays Farm Pasture	No	400m east of the route of the Proposed Scheme (adjacent to the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6836568 138	G_34b	River Dane, Bostock	No	Crossed by the route of the Proposed Scheme (partially within the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6899167 121	G_34c	Oak Clump	No	300m west of the route of the Proposed Scheme (adjacent to the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6830868 068	G_35	Bull's Wood and Meadow	No	Crossed by the route of the Proposed Scheme (partially within the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6847870 728	G_36	Whatcroft Lane Wetlands	No	Crossed by the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7015775 044	G_37	Long Wood	No	Crossed by the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7026775 338	S_38	Potential spring at Winnington Belt, 100m east of Nursery on Ascol Drive	Yes	160m east of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys confirm this feature is a drainage outfall not supporting any groundwater dependent habitat so is a Low value receptor.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6947275498	S_39	Potential spring 230m west of Winnington Wood at Lostock Gralam	Yes	660m north-west of the route of the Proposed Scheme (310m north-west of the land required for construction of the Proposed Scheme). Surveys unable to confirm the if the feature resulted from groundwater or overland flow. Wetland habitat identified. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6971875528	S_40a	Potential spring at Winnington Wood, north-east of Lostock Gralam	Yes	440m west of the route of the Proposed Scheme (240m north-west of the land required for construction of the Proposed Scheme). Surveys show this is a land drainage outfall with no wetland habitat in close proximity.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7324571109	G_40b	Shakerley Mere Country Park	No	4.4km east of the route of the Proposed Scheme (510m north of the land required for the construction of MA02 borrow pit D). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7415970788	G_40c	Rudheath	No	5.3km south-east of the route of the Proposed Scheme (690m west of the land required for the construction of MA02 borrow pit D). Not yet surveyed. Scoped out due	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						to the lack of pathway for hydrological impact.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Unlicensed Abstraction	SJ7349170 701	Uab_40d	Lagoon at Rudheath Woods, Cranage, Knutsford	No	450m north of MA02 borrow pit D (450m north of land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6851474 354	G_40e	Wade Brook	No	420m west of the route of the Proposed Scheme (partially within land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6964275 583	G_42	Wincham Brook Valley and Mill Wood	Yes	490m west of the route of the Proposed Scheme (300m north-west of the land required for construction of the Proposed Scheme). Partial surveys show the habitat is unlikely to be groundwater dependent, but further surveys are required. Assumed to be groundwater dependent on a precautionary basis.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6947575 610	S_43	Potential sink 165m west of Winnington Wood, north of Lostock Gralam	No	700m west of the route of the Proposed Scheme (430m north-west of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No

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Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6972475 960	S_45	Spring 215m south-east of Home Farm, Higher Wincham	Yes	560m north-west of the route of the Proposed Scheme (370m west of the land required for construction of the Proposed Scheme. Surveys show that this is a potential spring with significant overland flow entering the area.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6974376 547	S_46	Potential spring 220m west of Leonards Wood	Yes	720m west of the route of the Proposed Scheme (540m south-west of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7143977 475	S_48	Potential spring at Cley House Farm, Flittogate Lane	Yes	790m east of the route of the Proposed Scheme (220m south-east of the land required for construction of the Proposed Scheme). Surveys confirmed it is a possible spring supporting a High value watercourse.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7063376 092	G_49a	Smoker Wood	No	Crossed by the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7117277 943	G_49b	Rinks Wood and Round Wood	No	480m east of the route of the Proposed Scheme (340m east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7094678 053	S_50a	Potential spring at Flittogate Farm, Flittogate Lane	No	250m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Unlicensed abstraction	SJ6970478 605	Uab_50b	Well at Frog Lane Farm, Pickmere, Knutsford, Cheshire	No	930m west of the route of the Proposed Scheme (170m west of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7070678 665	G_51	Arley and Waterless Brook Corridor	Yes	Crossed by the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). The habitat is supported by the surface watercourse, which is likely to be groundwater fed, hence the habitat may be supported by both groundwater and surface water.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7040279 451	G_52a	Bongs Wood and Rough	No	580m west of the Proposed Scheme (360m west of land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers	Unlicensed abstraction	SJ7080579 603	Uab_52b	Well at Heyrose Farm, Over Tabley, Knutsford	No	Crossed by the route of the Proposed Scheme (within the land required for construction of the	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
GB41202G991700						Proposed Scheme). Not yet surveyed.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7127680 467	S_53	Potential sink 510m west of Tableypipe Wood	Yes	220m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Survey showed this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7150980 489	S_54	Potential spring 290m west of Tabley Wood, Cheshire East	Yes	480m east of the route of the Proposed Scheme (160m east of the land required for construction of the Proposed Scheme). Survey showed this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7179680 491	G_55	Tableypipe Wood	No	720m east of the route of the Proposed Scheme (220m south of land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7100880 534	S_56	Potential spring at M6, 160m north of Hollowood Farm, Cheshire East	Yes	70m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Survey showed this is a land drainage outfall which is not supporting wetland habitat.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7199680 724	S_57	Potential spring north of Tableypipe Wood, Cheshire East	No	900m east if the route of the Proposed Scheme (300m north of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7186281522	S_58	Potential spring 175m north-west of Kennel Wood, Cheshire East	Yes	580m east of the route of the Proposed Scheme (490m south-east of the land required for construction of the Proposed Scheme). Survey showed recently dredged watercourse has obliterated any natural features. Damaged brick outfall at this location. Local drainage has been modified by construction of A556 drainage including new channels, culverts and a balancing pond.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7185881525	S_59	Potential spring 170m north-west of Kennel Wood, Cheshire East	Yes	580m east of the route of the Proposed Scheme (490m east of the land required for construction of the Proposed Scheme). Survey showed recently dredged watercourse has obliterated any natural features. Damaged brick outfall at this location. Local drainage has been modified by construction of A556 drainage including new channels, culverts and a balancing pond.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7141081531	G_60	Belt Wood	Yes	160m east of the route of the Proposed Scheme (on the boundary of the land required for construction of the Proposed Scheme). Surveys confirmed this is not a groundwater dependent habitat.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7315981 832	G_61	The Mere, Mere	No	1.8km east of the route of the Proposed Scheme (260m east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7152981 859	S_62	Potential spring 310m east of Daisybank Farm, Winterbottom Lane	Yes	180m east of the route of the Proposed Scheme (90m east of the land required for construction of the Proposed Scheme). Survey confirmed this is a land drainage outfall, not a groundwater feature, and does not support any significant wetland habitat.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7185281 892	S_63	Potential spring at Belt Wood east	Yes	500m south-east of the route of the Proposed Scheme (340m south-east of the land required for construction of the Proposed Scheme). Survey shows this is a dry, straightened channel with near vertical walls. It is unclear if this is a modified spring or a drainage outfall.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7128281 923	S_64	Potential sink east of Daisybank Farm, Winterbottom Lane	Yes	60m north-west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys confirmed this is a culvert passing under Winterbottom Lane, not a groundwater feature.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7160182 117	S_65	Potential spring 360m west of Goodiers Green Farm, Hoo Green Lane	Yes	200m south-east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys identified the feature as land drainage channel, not a groundwater feature. The feature does not support any significant habitat.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7189482 216	S_66	Spring at Belt Wood north	Yes	450m east of the route of the Proposed Scheme (310m north-east of the land required for construction of the Proposed Scheme). Survey shows this is a spring supporting a moderate value watercourse.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7174082 386	S_67	Potential sink 175m south of Hoo Green	Yes	260m east of the route of the Proposed Scheme (160m east of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7155882 477	S_68	Potential spring at Hoo Green Lane, 200m south-west of Hoo Green	Yes	60m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys showed this is a land drainage outfall, not a groundwater feature, and does not support any significant habitat.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7102482908	S_69	Potential spring 250m south-west of Yew Tree Farm, A50	Yes	540m west of the route of the Proposed Scheme (340m south-west of the land required for construction of the Proposed Scheme). Surveys showed this is a land drainage feature, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7121982941	S_70	Potential spring at Dobb Lane, Yew Tree Farm, A50	Yes	330m west of the route of the Proposed Scheme (180m west of the land required for construction of the Proposed Scheme). Survey showed this is a land drainage outfall, supporting an undesignated habitat.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7076983151	S_71	Potential spring at Park Farm, Ditchfield Lane	Yes	830m east of the route of the Proposed Scheme (530m east of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7145083461	S_72a	Spring at Wrenshot House, Wrenshot Lane	Yes	200m west of the route of the Proposed Scheme (120m west of the land required for construction of the Proposed Scheme). Surveys indicate that this is a spring supporting a Low value stream.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7112883547	G_72b	Park Covert	No	410m west of the route of the Proposed Scheme (30m west of the land required for construction of	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						the Proposed Scheme). Not yet surveyed.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7158983894	S_73	Potential spring at ponds 360m north of Wrenshot House, Wrenshot Lane	Yes	200m east of the route of the Proposed Scheme (120m west of the land required for construction of the Proposed Scheme). Survey shows this is a land drainage feature supporting undesignated habitat.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7167484667	S_74	Potential spring 200m south of Middlemoss Farm, Agden Lane	Yes	60m west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys located a shallow, dry ditch with no wetland ecology. This is not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7325985596	S_75	Potential sink east of Grey's Gorse	No	650m north of the route of the Proposed Scheme (540m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7349585862	S_76	Potential spring 130m north-west of Spode Green Farm	No	880m north of the route of the Proposed Scheme (620m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7435885868	S_77	Potential spring at Bowdon roundabout	No	880m north of the route of the Proposed Scheme (250m north of the land required for construction	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						of the proposed Scheme). Not yet surveyed.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7330285 954	S_78	Potential spring 25m north-east of The Meadows, Spode Green Lane	No	980m north-west of the route of the Proposed Scheme (800m north-west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7193786 596	G_79	Field behind 'Ye Olde No. 3' (Public House)	Yes	450m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Survey shows this is a grassland habitat but also includes areas of wet grassland and wet woodland. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7190786 612	S_80	Potential spring at Bridgewater Canal, north of Agden Brook Farm	Yes	450m east of the route of the Proposed Scheme (180m north-east of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7168886 873	S_81	Potential spring at Spring Lane, north of Agden Bridge Farm	Yes	300m east of the route of the Proposed Scheme (210m east of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7188387 156	S_82	Potential sink 120m north of Woolstencroft Farm	Yes	560m east of the route of the Proposed Scheme (490m east of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7190187 228	S_83	Potential spring 180m north of Woolstencroft Farm	Yes	560m east of the route of the Proposed Scheme (490m east of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7188687 494	G_84	Woolstencroft Farm Meadow	Yes	640m east of the route of the Proposed Scheme (550m east of the land required for construction of the Proposed Scheme). The habitat is deemed partially groundwater dependent with favourable wetland vegetation.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7196587 528	S_85	Potential sink 440m north of Woolstencroft Farm	Yes	750m east of the route of the Proposed Scheme (630m east of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7084286 053	S_86	Potential spring at Agden Brow Caravan Park/Broomedge Farm	Yes	730m west of the route of the Proposed Scheme (430m west of the land required for the Proposed Scheme). Surveys confirmed this is	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						a culvert taking water from a large pond, not a groundwater feature.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7153086633	S_87	Potential sink 50m west of Agden Bridge, Bridgewater Canal	Yes	80m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7161286749	S_88	Potential spring at Agden Bridge Farm	No	180m east of the route of the Proposed Scheme (90m east of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7164286790	S_89	Potential sink at Spring Lane, Agden Bridge Farm	No	220m east of the route of the Proposed Scheme (140m east of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7045487445	S_90	Potential spring at Oak Villa Farm	Yes	760m west of the route of the Proposed Scheme (10m east of the land required for construction of the Proposed Scheme). Surveys show this is a land drainage outfall and is assessed as a Low value receptor.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7096787532	S_91	Potential spring at Bradshaw Lane, 230m east of Gailey Wood	Yes	240m west of the route of the Proposed Scheme (within land required for construction of the Proposed Scheme). Surveys indicate	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						this is a drainage outfall and does not support any habitat.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7039287 628	S_92	Potential sink at Mill Lane, 200m west of Gailey Wood	No	770m west of the route of the Proposed Scheme (160m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7039087 931	S_93	Potential spring at Heatley Flash, Heatley	No	700m west of the route of the Proposed Scheme (30m south of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7018388 048	G_94	Heatley Lake	No	800m west of the route of the Proposed Scheme (120m west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7023388 140	S_95	Potential sink at Heatley Flash, Heatley	No	800m west of the route of the Proposed Scheme (160m north-west of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7121888 333	S_96	Potential sink at Lower Carr Green Farm, south of cycle track	Yes	210m west of the route of the Proposed Scheme (130m west of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7092988 421	S_97	Potential sink south-east of Fox Covert, Heatley	No	50m west of the route of the Proposed Scheme (within land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7092288 706	S_98	Potential spring north-east of Fox Covert, Heatley	Yes	Crossed by the route of the Proposed Scheme (within land required for construction of the Proposed Scheme). Surveys show this is land drainage and does not support water dependent habitat.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7023288 773	S_99	Potential spring at Warburton Bridge	Yes	640m west of the route of the Proposed Scheme (10m west of the land required for construction of the Proposed Scheme). Surveys show this is a drainage outfall discharging into the River Bollin, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7148089 075	S_100	Potential spring at Moss Cottage, Mossbrow	Yes	650m east of the route of the Proposed Scheme (310m east of the land required for construction of the Proposed Scheme). Surveys did not identify a feature at the site of the potential spring. No groundwater feature was located.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7102789 469	S_101	Potential sink at Villa Farm, Mossbrow	Yes	320m east of the route of the Proposed Scheme (110m north-east of the land required for construction of the Proposed	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						Scheme). Survey shows this is a culvert, not a groundwater feature.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7014589971	S_102	Potential spring at West Cottage, Park Road, Warburton	Yes	380m west of the route of the Proposed Scheme (240m west of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6849490285	G_104	Rixton Clay Pits	No	1.5km south-west of the route of the Proposed Scheme (1.0km west of the land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6946591592	S_105	Potential sink 400m west of Mount Pleasant Farm	No	150m south-west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6823892314	S_106	Potential spring at Milverton Farm, Dam Lane	Yes	550m south-west of the route of the Proposed Scheme (320m north-east of the land required for construction of the Proposed Scheme). Surveys show this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ68692650	S_107	Potential spring 170m south of Church Farm, Glazebrook Moss	Yes	40m south-west of the route of the Proposed Scheme (within land required for construction of the Proposed Scheme). Surveys show	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						this is a land drainage feature which does not support any significant water dependent habitat.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6852092 755	S_108	Potential spring south of Church Farm, Glazebrook Moss	Yes	50m south-west of the route of the Proposed Scheme (20m south-west of the land required for construction of the Proposed Scheme). Surveys show this is a land drainage feature and does not support any significant water dependent habitat.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ6778492 407	S_109	Potential spring 370m east of New Hall Farm, Birchwood	Yes	830m south-west of the route of the Proposed Scheme (730m south-west of the land required for construction of the Proposed Scheme). Surveys show this a land drainage outfall, not a groundwater feature, assessed as a Low value receptor.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ6709592 938	G_110	Pestfurlong Moss	Yes	550m south-west of the route of the Proposed Scheme (90m south of the land required for construction of the Proposed Scheme). Survey could not establish the groundwater dependency of this habitat, so a revisit is required.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7603082 612	G_112	Old Deer Enclosure, Tatton Park	No	900m south of the route of the Proposed Scheme (690m south of the land required for construction of the Proposed Scheme). Not yet	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						surveyed. Scoped out due to the lack of pathway for hydrological impact.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7842382 942	S_113	Potential spring at Blackshaw Heys Farm	No	830m south of the route of the Proposed Scheme (730m east of the land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Unlicensed Abstraction	SJ7762983 318	Uab_115a	Abstraction west of Lower House Farm	No	450m south of the route of the Proposed Scheme (30m east of the land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Unlicensed Abstraction	SJ7671683 257	Uab_115b	Well at Birtles Farm	No	770m south of the route of the Proposed Scheme (20m east of land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Unlicensed Abstraction	SJ7733983 313	Uab_115c	Well at Mobberley Road	No	520m south of the route of the Proposed Scheme (within land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers	Unlicensed Abstraction	SJ7686083 773	Uab_115d	Well at Arden House	No	240m south of the route of the Proposed Scheme (within land required for the construction of the	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
GB41202G991700						Proposed Scheme). Not yet surveyed.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7738883 577	S_116a	Potential sink at Mobberley Road, 465m east of Arden House	No	250m south-west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7318383 162	S_116b	Potential spring in Bucklow Hill	Yes	1.5km south-east of the route of the Proposed Scheme (70m east of land required for construction of the Proposed Scheme). Surveys unable to identify a groundwater feature at the site but assumed to be High value on precautionary basis.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7327883 552	S_116c	Potential spring east of Chester Road	No	1.2km south-east of the route of the Proposed Scheme (330m north of land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ8000183 617	G_117	Bollin Oxbow at Castle Hill	No	820m south-east of the route of the Proposed Scheme (150m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7826083 708	S_118	Potential spring at Ecclesfield Wood	No	40m south of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7809683729	G_119	Ecclesfield Wood	No	Crossed by the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ8021983848	G_121	Cotteril Clough	No	780m south-east of the route of the Proposed Scheme (580m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7993583926	S_123	Potential sink 50m north of Castle Mill Farm	No	530m south-east of the route of the Proposed Scheme (90m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7766383961	S_124	Potential sink at Hough Green Farm	No	190m north of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8014784008	S_125	Spring at Sunbank Wood east, 230m north of Memorial Stone	Yes	620m south-east of the route of the Proposed Scheme (290m north-east of the land required for construction of the Proposed Scheme). Surveys confirmed this is a spring supporting a Low value watercourse. Scoped out due to the	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						lack of pathway for hydrological impact.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7675984039	S_126	Potential spring at Lamb Lane, west of Stock Farm	Yes	30m south-west of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Survey shows this is a land drainage outfall, which is not supporting any significant wetland habitat.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8043684044	S_127	Potential spring at Cotteril Clough nature reserve	Yes	810m south-east of the route of the Proposed Scheme (490m north-east of the land required for construction of the Proposed Scheme). Surveys confirmed this is a land drainage outfall, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7799984056	S_128	Potential spring at Brook Cottage, Spodegreen Lane	No	320m north of the route of the Proposed Scheme (240m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8018284061	S_129	Potential spring at Sunbank Wood east, 267m north of Memorial Stone	Yes	600m south-east of the route of the Proposed Scheme (300m north-east of the land required for construction of the Proposed Scheme). Surveys show this is a land drainage outfall, not a groundwater feature.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7961684 063	S_130	Spring 130m south-east of Pigleystair Bridge, River Bolin	Yes	220m south-east of the route of the Proposed Scheme (300m north-east of the land required for construction of the Proposed Scheme). Surveys shows there is both a seasonal spring and land drainage outfall at this location.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7960284 071	S_131	Spring 115m south-east of Pigleystair Bridge, River Bollin	Yes	200m south-east of the route of the Proposed Scheme (100m south-east of the land required for construction of the Proposed Scheme). Surveys confirmed this is a seasonal spring flowing into the River Bollin.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8016384 105	S_132	Spring at Sunbank Wood east, 316m north of Memorial Stone	Yes	570m south-east of the route of the Proposed Scheme (330m north-east of the land required for construction of the Proposed Scheme). Surveys confirmed this is a spring. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7387884 129	S_133	Potential spring at Harpers Bank Wood, 216m east of Hunters Moon Rostherne Lane	No	880m south of the route of the Proposed Scheme (510m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7955084 161	S_134	Spring at Pigleystair Bridge, River Bollin	Yes	100m south-east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys show	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						this is a seasonal spring which flows into the River Bollin. A land drainage outfall was also located.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7371884 187	S_135	Potential spring at Hunters Moon, Rostherne Lane	No	820m south of the route of the Proposed Scheme (350m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7372384 194	S_136	Potential spring at Hunters Moon, Rostherne Lane	No	800m south of the route of the Proposed Scheme (350m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ8001984 203	G_137	Sunbank Wood and Ponds (including Bollin Bank Ancient Woodland)	Yes	Crossed by the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys indicate there is no evidence of wetland at the habitat but the streams within the habitat are supported by springs.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7398584 221	S_138	Potential spring in Harpers Bank Wood	No	800m south of the route of the Proposed Scheme (350m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7933484 225	S_139	Potential spring 222m west of Pigleystair Bridge, River Bollin	No	90m north-west of the route of the Proposed Scheme (20m west of the land required for construction of	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						the Proposed Scheme). Not yet surveyed.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7845384 335	S_140	Potential spring 110m west of telecommunication mast at Castle Mill Lane.	Yes	560m north of the route of the Proposed Scheme (110m north of the land required for construction of the Proposed Scheme). Surveys confirm this is a land drainage outfall, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7846084 344	S_141	Jackson's Bank East	Yes	550m north of the route of the Proposed Scheme (113m north of the land required for construction of the Proposed Scheme). There are springs shown on OS mapping within or close to the habitat, but wetland habitat located along the banks of the River Bollin.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8024384 344	S_142	Potential spring at Sunbank Wood, 400m east of Halebank Farm	Yes	470m south-east of the route of the Proposed Scheme (330m south-east of the land required for construction of the Proposed Scheme). Surveys confirm this is a land drainage outfall, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7850484 410	S_143	Potential spring 115m north-west of telecommunication mast at Castle Mill Lane.	Yes	620m north-west of the route of the Proposed Scheme (200m north-west of the land required for construction of the Proposed Scheme). Survey shows this is a land drainage outfall, not a groundwater feature.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7903884439	S_144a	Potential spring 75m north of Lower Thornsgreen Farm	Yes	420m north-west of the route of the Proposed Scheme (160m west of the land required for construction of the Proposed Scheme). Surveys show this is a land drainage outfall, not a groundwater feature. A second land drainage outfall, not shown on OS maps, was located 50m downstream.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7905584438	S_144b	Spring 90m north of Lower Thornsgreen Farm	Yes	420m north-west of the route of the Proposed Scheme (160m west of the land required for construction of the Proposed Scheme). Surveys located a spring not shown on OS maps discharging into an unnamed watercourse.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7910883633	G_145a	Brickhill Wood	Yes	180m south-east of the Proposed Scheme (partially within the land required for the construction of the Proposed Scheme). Partial surveys showed the habitat is not groundwater dependent but further surveys are required to confirm the nature of the habitat.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7979283924	G_145b	Mill Wood, Castle Mill	Yes	190m south-east of the route of the Proposed Scheme (adjacent to the land required for the construction of the Proposed Scheme). Surveys confirmed this is a surface water	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						and groundwater dependent habitat.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7943884440	G_145c	Wood Near Chapel Lane (including Hennersley Bank Ancient Woodland)	Yes	180m north-west of the route of the Proposed Scheme (adjacent to land required for construction of the Proposed Scheme). Surveys confirmed the habitat is partially groundwater dependent.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7574684507	G_147	Ryecroft Covert	Yes	30m north of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys that the site is likely to be partially groundwater dependent. A habitat survey is required in order to determine the extent of dependency.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8040684547	S_148	Potential spring at Oak Farm Cottages, Sunbank Lane	No	490m south-east of the route of the Proposed Scheme (250m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7640884548	S_149	Potential spring at Lamb's Covert	No	330m north of the route of the Proposed Scheme (20m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7553284 560	G_150	Hancock's Bank South (including Birkin House)	Yes	Crossed by the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Requires revisit and a habitat survey to determine groundwater dependency.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7610684 563	S_151	Potential spring at Ryecroft Covert	Yes	220m north-east of the route of the Proposed Scheme (40m north-west of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7923084 607	S_152	Potential spring 60m north-east of River Bollin M56	Yes	450m north-west of the route of the Proposed Scheme (40m north-west of the land required for construction of the Proposed Scheme). Survey could not identify a spring feature however path was muddy with raised stone section and newly dug drain. Possible wetland species were present suggesting this is a possible spring. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7923284 610	S_153	Potential spring 60m north-east of River Bollin M56	Yes	450m north-west of the route of the Proposed Scheme (40m north-west of the land required for construction of the Proposed Scheme). Survey could not identify a spring feature however path was muddy with raised stone section	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						and newly dug drain. Possible wetland species were present suggesting this is a possible spring. Scoped out due to the lack of pathway for hydrological impact.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7923584 613	S_154	Potential spring 60m north-east of River Bollin M56 subway	Yes	450m north-west of the route of the Proposed Scheme (40m north-west of the land required for construction of the Proposed Scheme). Survey could not identify a spring feature however path was muddy with raised stone section and newly dug drain. Possible wetland species were present suggesting this is a possible spring. Scoped out due to the lack of pathway for hydrological impact.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8020684 632	S_155	Potential spring 127m south-east of Keepers Cottage, Sunbank Lane	No	270m south-east of the route of the Proposed Scheme (40m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7926084 652	G_156	Rossmill	Yes	410m north-west of the route of the Proposed Scheme (120m north of the land required for construction of the Proposed Scheme). Potentially a groundwater dependent habitat with contribution from the River Bollin.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						Scoped out due to the lack of pathway for hydrological impact.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8006984653	S_157	Spring at Keepers Cottage, Sunbank Lane (south)	Yes	140m south-east of the route of the Proposed Scheme (20m north of the land required for construction of the Proposed Scheme). Surveys confirm this feature is a spring supporting wetland habitat.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7562084654	S_158	Potential spring at Ryecroft Covert, 30m north of Birkin Brook footbridge	No	130m north of the route of the Proposed Scheme (10m west of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8020884661	S_159	Potential spring 120m east of Keepers Cottage, Sunbank Lane	Yes	250m south-east of the route of the Proposed Scheme (20m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8006784668	S_160	Potential spring at Keepers Cottage, Sunbank Lane (north)	Yes	130m south-east of the route of the Proposed Scheme (20m south-east of the land required for construction of the Proposed Scheme). Partial survey provided no evidence for groundwater dependency, but further surveys are required.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7920584687	S_161	Potential sink 140m north of River Bollin, M56 subway	Yes	540m north-west of the route of the Proposed Scheme (130m north-west of the land required for construction of the Proposed	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						Scheme). Survey could not find evidence of a sink; a culvert was located at the site.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7940484691	S_162	Potential spring 70m south of Haslemere Avenue, Hale	No	400m north-west of the route of the Proposed Scheme (110m north of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7675584709	S_163	Potential spring 190m south-west of Ashley Hall	No	600m north of the route of the Proposed Scheme (100m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7923184720	S_164	Potential spring in woodland, 160m south-west of Haslemere Avenue, Hale	Yes	550m north-west of the route of the Proposed Scheme (160m north of the land required for construction of the Proposed Scheme). Survey shows this is a land drainage feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7851484727	S_165	Potential spring at Jackson's Bank, 35m west of Hale Golf Course south	No	920m north-west of the route of the Proposed Scheme (520m north of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7908484743	G_166	Warburton Wood	Yes	470m north-west of the route of the Proposed Scheme (70m north of the land required for construction of the Proposed Scheme). Ponds supported by overland flow and a spring located within the site	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						support the woodland habitat and therefore the site is deemed surface water and groundwater dependent. Scoped out due to the lack of impact pathway for hydrological impact.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7874684 770	S_167	Potential spring at River Bollin, 100m east of Hale Golf Course south	Yes	870m north of the route of the Proposed Scheme (670m north of the land required for construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7852884 772	S_168	Potential sink at Jackson's Bank, 20m west of Hale Golf Course south	No	950m north-west of the route of the Proposed Scheme (550m north-west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7537184 790	G_169	Hancock's Bank North	No	160m north of the route of the Proposed Scheme (90m north-west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7924584 795	S_170	Spring 90m west of Haslemere Avenue, Hale	Yes	580m north-west of the route of the Proposed Scheme (230m north of the land required for construction of the Proposed Scheme). Survey shows this is a spring feeding into a stream which discharges into the River Bollin. Scoped out due to the	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						lack of pathway for hydrological impact.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7418884914	G_171	Rostherne Mere	Yes	80m south of the route of the Proposed Scheme (10m south of the land required for construction of the Proposed Scheme). Survey shows the streams feeding Rostherne Mere are groundwater dependent hence the habitat is at least partially groundwater dependent.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7901584944	S_172	Potential spring at River Mead Avenue, Hale	No	850m north-west of the route of the Proposed Scheme (440m north-west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7878884945	S_173	Spring at Carrwood, 45m west of Pump House	Yes	980m north-west of the route of the Proposed Scheme (610m north-west of the land required for construction of the Proposed Scheme). Surveys show this spring feeds into a tributary of the River Bollin.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7891384966	S_174	Potential spring at Carrwood, 75m east of Pump House	No	990m north-west of the route of the Proposed Scheme (580m north-west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7380485 163	S_177	Potential spring 310m north of Mereside Farm, Chester Road, Millington	Yes	150m north of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys confirm this is a land drainage outfall, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7451985 190	G_178	Yarwood Heath Covert	Yes	250m north of the route of the Proposed Scheme (partially within land required for construction of the Proposed Scheme). Surveys identified a series of ponds located within this habitat, although it is unclear whether these are supported by groundwater or rainfall.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7632285 267	S_180	Potential spring at Fish House Plantation	Yes	960m north-east of the route of the Proposed Scheme (760m north-east of the land required for construction of the Proposed Scheme). Survey shows this is a land drainage outfall, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7326185 393	S_181	Potential spring 100m west of Bowdon View, Coe Lane	Yes	450m north-west of the route of the Proposed Scheme (350m north of the land required for construction of the Proposed Scheme). Surveys confirmed this is a land drainage feature, not a groundwater feature.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8031185 440	S_182	Potential spring at hotel on Hasty Lane	No	10m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7312885 482	G_183	Grey's Gorse	No	580m north of the route of the Proposed Scheme (530m north of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7339985 553	S_184	Potential sink at Brook Cottage, Spodegreen Lane	Yes	600m north-west of the route of the Proposed Scheme (400m north-west of the land required for construction of the Proposed Scheme). Surveys show this is a drain connected to the local drainage network, not groundwater sink.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7350585 598	S_185	Potential spring at Mandalay, Spodegreen Lane	No	620m north of the route of the Proposed Scheme (370m north-west of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ8045086 210	G_187	Davenport Green Wood	Yes	Crossed by the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Partial surveys and citation information show this	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						habitat is not groundwater dependent.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ7968786 290	S_188	Potential spring at Ringway Golf Club, north on Shay Lane	Yes	900m north-west of the route of the Proposed Scheme (280m north-west of the land required for construction of the Proposed Scheme). Surveys show this is a constructed ditch, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8041786 572	S_189	Spring at Davenport Green, Roaring Gate Lane	Yes	340m north-west of the route of the Proposed Scheme (10m west of the land required for construction of the Proposed Scheme). Survey shows this spring lies within a shallow valley in close proximity to two land drainage outfalls.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ7994886 900	G_190	Ponds at Davenport Green	No	450m north-west of the route of the Proposed Scheme (110m north-west of the land required for construction of the Proposed Scheme).	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8027287 073	S_191	Potential spring 145m west of Roaring Gate Farm, Roaring Gate Lane	No	670m west of the route of the Proposed Scheme (420m north-west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8098986 654	S_192	Potential spring at M56 Junction 5 north	No	160m south-east of the route of the Proposed Scheme (10m east of the land required for construction of	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						the Proposed Scheme). DRN indicates this is a culvert.	
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8030587774	S_193	Potential spring at Dobbinetts Lane, Roundthorn	Yes	950m north-west of the route of the Proposed Scheme (990m north of the land required for the construction of the Proposed Scheme). Surveys show this is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8180988919	S_194	Potential spring at Blackcarr Wood south, Baguley	Yes	330m north-west of the route of the Proposed Scheme (370m south-west of land required for the construction of the Proposed Scheme). Surveys unable to confirm the nature of this feature hence a revisit is required.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ8212188985	G_195	Blackcarr Wood and Baguley Bottoms	Yes	Crossed by the route of the Proposed Scheme. Partial surveys show this habitat is not groundwater dependent and the ecology is not favourable however further surveys are required to confirm nature of this habitat.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8180289023	S_196	Potential sink at Blackcarr Wood north, Baguley	Yes	400m north-west of the route of the Proposed Scheme (360m west of land required for the construction of the Proposed Scheme). Surveys confirm this is a culvert, not a groundwater feature.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8243589 244	S_197	Potential spring at Round Wood south, Northenden	Yes	10m east of the route of the Proposed Scheme (180m north of land required for the construction of the Proposed Scheme). Surveys confirm this feature is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8248589 335	S_198a	Potential sink at Round Wood north, Northenden	Yes	Crossed by the route of the Proposed Scheme. Surveys confirm this feature is a culvert, not a groundwater feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ8245389 329	G_198b	Round Wood	No	Crossed by the route of the Proposed scheme. Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8210589 359	S_199	Potential spring at Gib Lane Wood south, Baguley	Yes	330m north-west of the route of the Proposed Scheme (320m north of land required for the construction of the Proposed Scheme). Surveys shows this is land drainage outfall.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8240889 450	S_200	Potential spring at Gib Lane Wood east, Baguley	No	130m north-west of the route of the Proposed Scheme (380m north of land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8212989 474	S_201	Potential sink at Gib Lane Wood south, Baguley	No	370m north-west of the route of the Proposed Scheme (435m north of land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes

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Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8212589490	S_202	Potential spring at Gib Lane, Baguley	Yes	390m north-west of the route of the Proposed Scheme. Surveys confirm this is a land drainage feature, is not groundwater dependent.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8214189630	S_203	Potential sink at Gib Lane Wood west, Baguley	Yes	450m north-west of the route of the Proposed Scheme (580m north of land required for the construction of the Proposed Scheme). Surveys confirm this is a land drainage feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	Spring	SJ8217789671	S_204	Potential sink at Gib Lane Wood north, Baguley	Yes	440m north-west of the route of the Proposed Scheme (620m north of land required for the construction of the Proposed Scheme). Surveys confirm this is a land drainage feature.	No
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	GWDTE	SJ8162789763	G_205	Wythenshawe Park and Gib Lane Wood	Yes	260m north-west of the route of the Proposed Scheme (300m north of land required for the construction of the Proposed Scheme). Surveys confirm areas of wetland within the habitat. The habitat is groundwater dependent with some meteoric influence in periods of high rainfall.	Yes
Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	EA groundwater level monitoring borehole	SJ8176090050	EAL_206	Wythenshawe Park Deep	No	990m north-west of the route of the Proposed Scheme. Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No

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Weaver and Dane Quaternary Sand and Gravel Aquifers GB41202G991700	EA groundwater level monitoring borehole	SJ8176090 050	EAL_207	Wythenshawe Park Shallow	No	990m north-west of the route of the Proposed Scheme. Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7117586 149	S_01	Potential sink at Agden Mount, Agden Brow	No	380m west of the route of the Proposed Scheme (90m south-west of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7126486 223	S_02	Potential spring at Agden Lane and Agden Brow intersection	Yes	280m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7137186 394	S_03	Potential sink at Agdenlane Farm south, Agden Lane	Yes	140m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7126786 464	S_04	Spring at Agdenlane Farm west, Agden Lane	Yes	220m west of the route of the Proposed Scheme (130m north of the land required for the construction of the Proposed Scheme). Surveys show this is a spring.	Yes

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Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7141886465	S_05	Potential spring at Agdenlane Farm east, Agden Lane	Yes	80m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Survey shows this is a culvert, not a groundwater feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7146286534	S_06	Potential spring east of Agden Lane	Yes	20m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys confirm this is a culvert, not a groundwater feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7148886564	S_07	Potential sink east of Agden Lane	Yes	20m east of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys confirm this is a land drainage outfall.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7137686592	S_08	Potential sink at Agdenlane Farm west, Agden Lane	Yes	90m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys confirmed this is a land drainage feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7047587277	S_09	Potential spring at Burford Lane, east Spud Wood	Yes	780m west of the route of the Proposed Scheme (100m south of the land required for the construction of the Proposed Scheme). Surveys show this is a	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						culvert passing under a road, not a groundwater feature.	
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ7037987302	S_10	Potential sink at Burford Lane, east Spud Wood	Yes	870m west of the route of the Proposed Scheme (110m south of the land required for the construction of the Proposed Scheme). Surveys show this is a culvert passing under a road, not a groundwater feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6992692665	S_11	Potential spring at Glazebrook Trail and railway intercept	Yes	920m north-east of the route of the Proposed Scheme (480m east of the land required for the construction of the Proposed Scheme). Surveys show this is a land drainage feature from managed farmland acting as a groundwater collect slowly draining into Glaze Brook.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6842692967	S_12	Potential sink north-west of Church Farm	Yes	30m north-east of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys show this is a constructed drain led by land drainage and is not a natural sink.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6890893330	S_13	Potential spring at Ferndale Mews, Holcroft Lane	No	620m north-east of the route of the Proposed Scheme (30m east of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	GWDTE	SJ6709592938	G_15	Pestfurlong Moss	Yes	550m south-west of the route of the Proposed Scheme (90m south of the land required for the construction of the Proposed Scheme). Survey could not establish the groundwater dependency of this habitat, so a revisit is required.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	GWDTE	SJ6840093200	G_17	Holcroft Moss	Yes	60m north-east of the route of the Proposed Scheme (on the boundary of land required for the construction of the Proposed Scheme). Surveys deemed the site unlikely to be groundwater dependent. Engineered piling is currently being used to wet and expand the habitat.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	GWDTE	SJ6678391853	G_18	Risley Moss	No	990m south-west of the Proposed Scheme (790m south-west of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6533994124	S_19	Potential spring at Bates Farm, A574	Yes	270m south of the route of the Proposed Scheme (40m north of the land required for the construction of the Proposed Scheme). Surveys confirm this is a land drainage outfall.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	EA groundwater level monitoring borehole	SJ6604094400	EAL_20	Taylors Industrial Estate	No	160m north of the route of the Proposed Scheme (10m west of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Licensed abstraction	Location confidential	Lab_21	United Utilities abstraction (licence identifier confidential) Warrington	No	370m south-west of the route of the Proposed Scheme (20m west of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6362494534	S_22	Potential spring 175m north-west of St. Lewis Catholic Primary School	No	860m south-west of the route of the Proposed Scheme (590m south-west of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	EA groundwater level monitoring borehole	SJ6440094550	EAL_23a	Croft Pumping Station	No	330m south-west of the route of the Proposed Scheme (30m south of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside	Unlicensed Abstraction	SJ6440094550	Uab_23b	Phillips Farm	No	40m south-west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Scoped out as	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Permo-Triassic Sandstone Aquifers GB41201G101700						borehole no longer required after construction of the Proposed Scheme.	
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6641194612	S_24	Potential spring at Howard Road, Culcheth	Yes	420m north of the route of the Proposed Scheme (110m north of the land required for the construction of the Proposed Scheme). Surveys confirm this is a culvert, not a groundwater feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6773694713	S_25	Potential spring at Holcroft Cottage, Hey Shoot Lane	No	990m north of the route of the Proposed Scheme (670m north of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	EA groundwater level monitoring borehole	SJ6370094760	EAL_26	Kenyon Farm	No	640m south-west of the route of the Proposed Scheme (500m south-west north of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6539895369	S_27	Potential sink between Common Lane and Elsmere Road, Culcheth	No	900m north of the route of the Proposed Scheme (570m north of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6493195 452	S_28	Potential spring at Hob Hey Lane, Culcheth	No	710m north-east of the route of the Proposed Scheme (540m north of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6395895 739	S_29	Potential spring at Leigh Golf Club	Yes	160m east of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys confirm this is a land drainage feature, discharging into Jibcroft Brook.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Licensed abstraction	SJ6446595 756	Lab_30	Borehole at Leigh Golf Club, Broseley Lane, Culcheth	No	580m north-east of the route of the Proposed Scheme (280m north-east of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6472095 918	S_31	Potential spring at Twiss Green draining to Jibcroft Brook	Yes	880m north-east of the route of the Proposed Scheme (400m north-east of the land required for the construction of the Proposed Scheme). Surveys confirm this is a drainage outfall, not a groundwater feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6459596 009	S_32	Potential spring at Jibcroft Brook, north of Leigh Hall	Yes	830m north-east of the route of the Proposed Scheme (440m north of the land required for the construction of the Proposed	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						Scheme). Surveys confirm this is a culvert, not a groundwater feature.	
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	EA groundwater level monitoring borehole	SJ6311096200	EAL_33	Kenyon Lane	No	430m west of the route of the Proposed Scheme (20m west of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6434596662	S_34	Potential spring at Diggle Green Farm	No	890m east of the route of the Proposed Scheme (260m north of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6440996751	S_35a	Potential spring at Dismantled Railway, east of Diggle Green Farm	No	970m east of the route of the Proposed Scheme (330m north of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	EA groundwater level monitoring borehole	SJ6489097410	EAL_35b	Landside South	No	1.6km east of the route of the Proposed Scheme (850m east of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Licensed abstraction	Location confidential	Lab_36	United Utilities abstraction (licence identifier confidential) Golborne	No	780m east of the route of the Proposed Scheme (280m north of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Licensed abstraction	Location confidential	Lab_37	United Utilities abstraction (licence identifier confidential) Golborne	No	390m east of the route of the Proposed Scheme (120m north-east of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	EA groundwater level monitoring borehole	SJ6478097720	EAL_38a	Landside North	No	1.6km east of the route of the Proposed Scheme (900m north-east of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6256497617	S_38b	Potential sink at Allotment Gardens, 300m north-east of Lowton St Mary's School	No	530m west of the route of the Proposed Scheme (380m north-west of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6265997894	S_39	Potential spring at Edgerton Road, east Lowton	Yes	310m south-west of the route of the Proposed Scheme (200m west of the land required for the construction of the Proposed Scheme). Surveys confirmed this is a land drainage outfall feature.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6287397 920	S_40	Potential spring north of Lowton Civic Hall	Yes	120m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys confirmed this is a land drainage outfall feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Licensed abstraction	Location confidenti al	Lab_41	United Utilities abstraction (licence identifier confidential) Golborne, Warrington	No	590m south of the route of the Proposed Scheme (280m south-west of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6131698 915	S_42	Potential spring 150m north of Water Treatment Works, north Golborne	No	370m south of the route of the Proposed Scheme (60m west of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Licensed abstraction	Location confidenti al	Lab_45	United Utilities abstraction (licence identifier confidential) Lowton Golborne	No	500m north of the route of the Proposed Scheme (150m north of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	EA groundwater level monitoring borehole	SJ6257099 320	EAL_46	Slag Lane	No	660m north of the route of the Proposed Scheme (260m north of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6175899909	S_47	Potential spring 330m west of Smith's Bridge, Leeds and Liverpool Canal	No	710m north of the route of the Proposed Scheme (290m north of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6174299913	S_48	Potential sink 345m west of Smith's Bridge, Leeds and Liverpool Canal	No	700m north of the route of the Proposed Scheme (290m north of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SJ6156299939	S_49	Potential spring 350m north of Lightshaw Hall, Ashton-in-Makerfield	No	630m north of the route of the Proposed Scheme (180m north of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SD6106400182	S_50	Spring 450m east of Aye Bridge Farm	Yes	480m north-east of the route of the Proposed Scheme (150m east of the land required for the construction of the Proposed Scheme). Surveys confirm this is a spring discharging into Hey Brook. Scoped out due to the lack of pathway for hydrological impact.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers	Spring	SD6028200466	S_51	Spring at West Coast Mainline railway, 320m north-west of Aye Bridge Farm	Yes	40m west of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys confirmed this is a spring	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
GB41201G101700						supporting local undesignated habitat.	
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SD610540 0470	S_52	Potential sink at canal, 225m west of Chadwick's Farm	No	650m north-east of the route of the Proposed Scheme (260m east of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	GWDTE	SJ6155798 813	G_53a	Ponds near Lightshaw Lane	No	Crossed by the route of the Proposed Scheme. Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	GWDTE	SJ6159999 151	G_53b	Lightshaw Lime Beds	No	180m south-west of the route of the Proposed Scheme (60m south of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SD611310 0506	S_54	Potential spring at Crankwood Road, 120m west of Chadwick's Farm	No	730m north-east of the route of the Proposed Scheme (330m east of the land required for the construction of the Proposed Scheme). Not yet surveyed.	Yes
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SD608510 0815	S_55	Potential spring at roundabout, north-east of Dover Bridge, Dover	Yes	620m east of the route of the Proposed Scheme (150m east of the land required for the construction of the Proposed Scheme). Surveys	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						show this is a culvert under a road, not a groundwater feature.	
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SD604210 1040	S_56	Potential sink at end of Coffin Lane Brook, east of Bryn Gates	No	270m east of the route of the Proposed Scheme (150m east of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SD602930 1430	S_57	Potential sink 270m east of Bamfurlong Recreation Ground	Yes	230m east of the route of the Proposed Scheme (10m south of the land required for the construction of the Proposed Scheme). Surveys confirm this is a culvert under a footpath, not a groundwater feature.	No
Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers GB41201G101700	Spring	SD603370 1449	S_58	Potential spring draining to Hey Brook, 330m east of Bamfurlong Recreation Ground	No	280m east of the route of the Proposed Scheme (40m east of the land required for the construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SJ6019499 909	S_01	Spring at Nan Holes Brook, 310m west of Locker Lane Farm	Yes	390m south-west of the route of the Proposed Scheme (150m west of the land required for the construction of the Proposed Scheme). Surveys show this is a spring supporting a stream.	Yes
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD593750 0728	S_02	Potential spring at Public Car Park, Bolton Road,	No	840m west of the route of the Proposed Scheme (780m west of the land required for construction of the Proposed Scheme). Not yet	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
				Ashton-in-Makerfield		surveyed. Scoped out due to the lack of pathway for hydrological impact.	
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD593940 0817	S_03	Potential sink north of Public Car Park, Bolton Road, Ashton-in-Makerfield	Yes	780m west of the route of the Proposed Scheme (760m west of the land required for construction of the Proposed Scheme). Surveys show this is a culvert, not a groundwater feature.	No
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD595820 0820	S_05	Potential spring 200m west of Viridor Wood, Bryn Gates	No	600m west of the route of the Proposed Scheme (560m west of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD594780 0911	S_06	Potential spring north of Pumping Station, Bryn Gates	No	690m west of the route of the Proposed Scheme (660m north of the land required for construction of the Proposed Scheme). DRN indicates this is a culvert.	No
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD595020 1015	S_07	Potential spring at Beech Tree Houses, Bryn Gates	No	650m west of the route of the Proposed Scheme (620m north of the land required for construction of the Proposed Scheme) DRN indicates this is a culvert.	No
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD595510 1151	S_08	Potential spring north of Allotment Gardens at Bryn Gates	Yes	550m west of the route of the Proposed Scheme (540m north of the land required for construction of the Proposed Scheme). Surveys show this is a land drainage outfall	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						and does not support any significant habitat.	
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD600680 1424	S_09	Potential spring at West Coast Mainline railway, east of Bamfurlong Recreation Ground	Yes	10m east of the route of the Proposed Scheme (within the land required for construction of the Proposed Scheme). Surveys show this is a culvert under the adjacent railway, not a groundwater feature.	No
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD604360 1921	S_11	Potential spring 220m east of Bamfurlong Bridge	No	600m east of the route of the Proposed Scheme (330m east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD604350 1921	S_12	Potential spring 220m east of Bamfurlong Bridge	No	600m east of the route of the Proposed Scheme (330m east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD604330 1924	S_13	Potential spring 220m east of Bamfurlong Bridge	No	600m east of the route of the Proposed Scheme (330m east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Sankey and Glaze Carboniferous Aquifers GB41202G100100	Spring	SD598970 2106	S_14	Spring at Bamfurlong Bridge	Yes	660m north of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Surveys show this feature is likely a spring (collect) supporting the Tributary of Hey	No

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
						Brook 6. Scoped out due to the lack of pathway for hydrological impact.	
Manchester and East Cheshire Permo-Triassic Sandstone Aquifers GB41201G101100	GWDTE	SJ8358089409	G_02	Rose Hill Woods	Yes	810m east of the route of the Proposed Scheme (260m south of the land required for construction of the Proposed Scheme). Surveys show the wet woodland habitat is partially groundwater dependent. Scoped out due to the lack of pathway for hydrological impact.	No
Manchester and East Cheshire Permo-Triassic Sandstone Aquifers GB41201G101100	GWDTE	SJ8425790067	G_04	Stenner Woods and Millgate Field, Didsbury and Fletcher Moss	Yes	970m south-west of the route of the Proposed Scheme (50m south-west of the land required for construction of the Proposed Scheme). Surveys show this habitat is at least partially groundwater dependent.	Yes
Manchester and East Cheshire Permo-Triassic Sandstone Aquifers GB41201G101100	Spring	SJ8453190417	S_06	Potential sink at Stenner Lane Museum and Art Gallery	No	990m south-east of the route of the Proposed Scheme (400m south-east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Manchester and East Cheshire Permo-Triassic Sandstone Aquifers GB41201G101100	Licensed abstraction	SJ8395090470	Lab_07	Borehole at Didsbury Golf Club Northenden Wythenshawe	No	550m south-east of the route of the Proposed Scheme (230m east of the land required for construction of the Proposed Scheme). Not yet surveyed.	Yes
Manchester and East Cheshire Permo-Triassic Sandstone Aquifers	GWDTE	SJ8378890992	G_08	Wrengate Wood & Heycroft	No	Crossed by the route of the Proposed Scheme (within the land required for the construction of the	Yes

WFD groundwater body name and ID	Characterisation feature type	National Grid Reference (NGR)	WFD assessment reference ID	Receptor/feature name	Feature surveyed?	Feature description	Screened in for WFD preliminary assessment?
GB41201G101100						Proposed Scheme). Not yet surveyed.	
Manchester and East Cheshire Permo-Triassic Sandstone Aquifers GB41201G101100	Spring	SJ8781195484	S_11	Potential spring at Manby Road south	No	930m east of the land required for the construction of the Proposed Scheme. DRN indicates this is a culvert.	No
Manchester and East Cheshire Permo-Triassic Sandstone Aquifers GB41201G101100	EA groundwater level monitoring borehole	SJ8564097620	EAL_12	Hallidays	No	20m north of the route of the Proposed Scheme (within the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Manchester and East Cheshire Permo-Triassic Sandstone Aquifers GB41201G101100	EA groundwater level monitoring borehole	SJ8446097780	EAL_13	High School	No	430m south-west of the Proposed Scheme (250m south-west of the land required for the construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No
Douglas, Darwen and Calder Carboniferous Aquifers GB41202G100300	GWDTE	SD5939002604	G_01	Bryn Marsh and Ince Moss	No	730m north of the route of the Proposed Scheme (on the boundary of the land required for construction of the Proposed Scheme). Not yet surveyed. Scoped out due to the lack of pathway for hydrological impact.	No

Figure 25: Groundwater features potentially affected by the Proposed Scheme (Part 1)

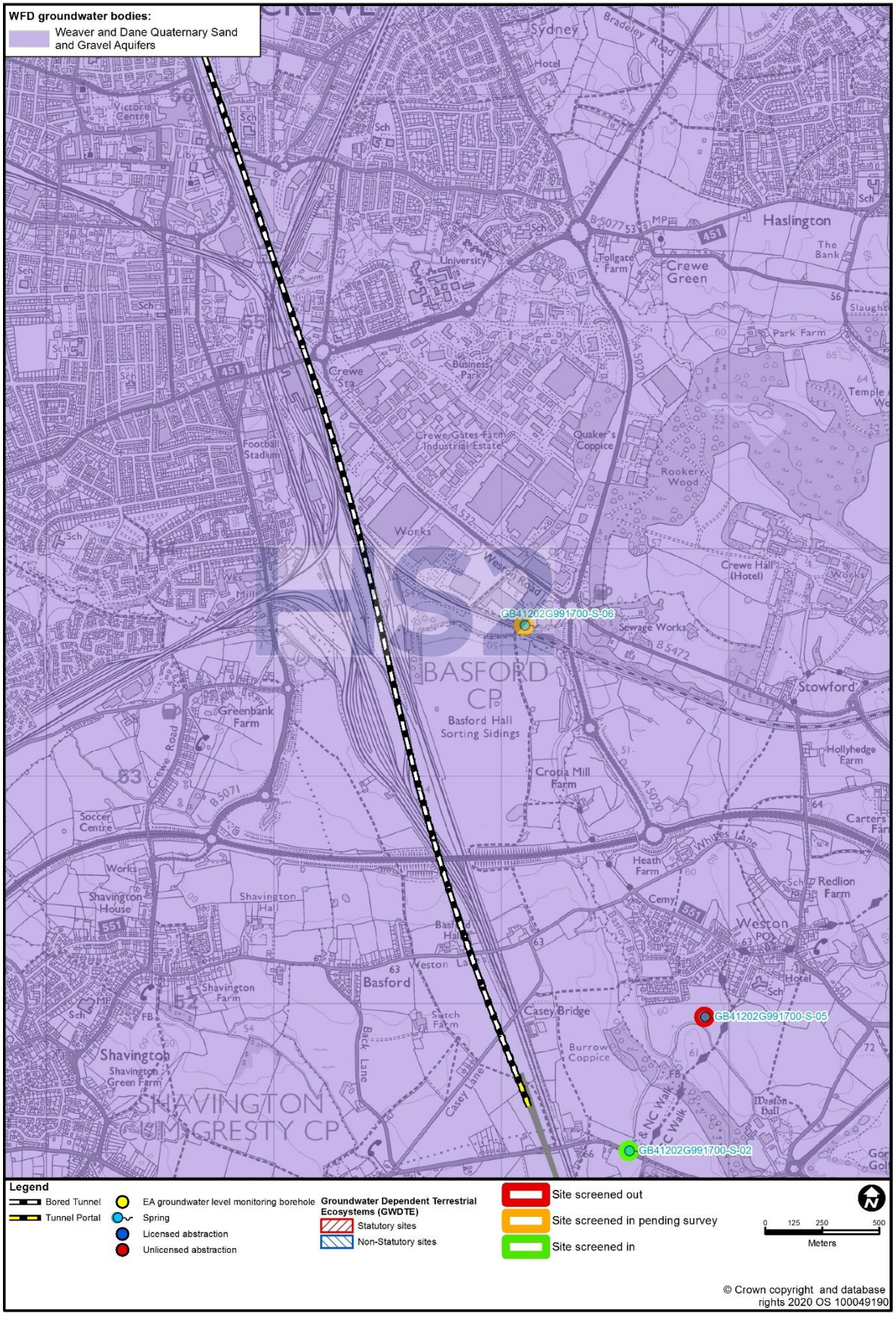


Figure 26: Groundwater features potentially affected by the Proposed Scheme (Part 2)

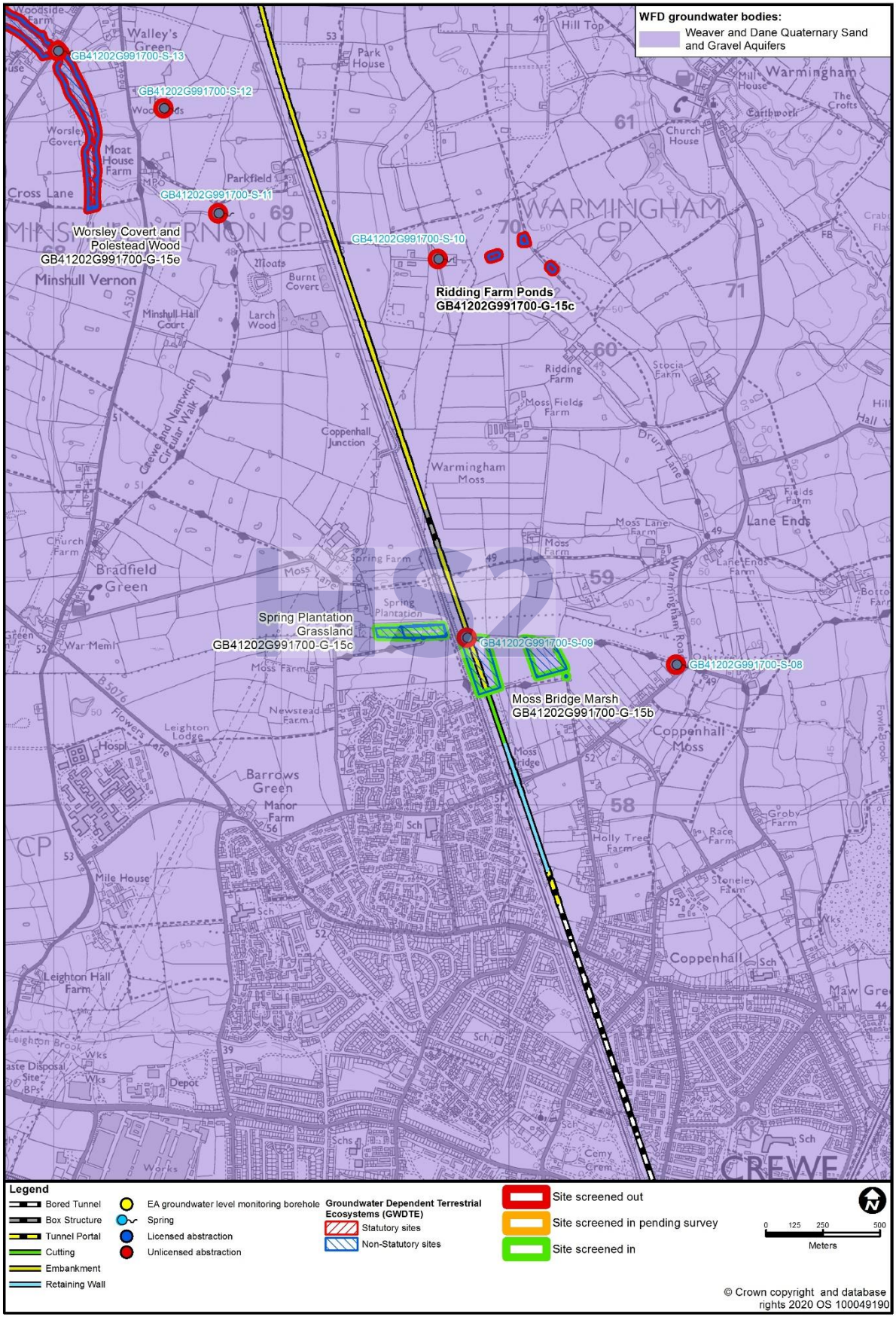


Figure 27: Groundwater features potentially affected by the Proposed Scheme (Part 3)

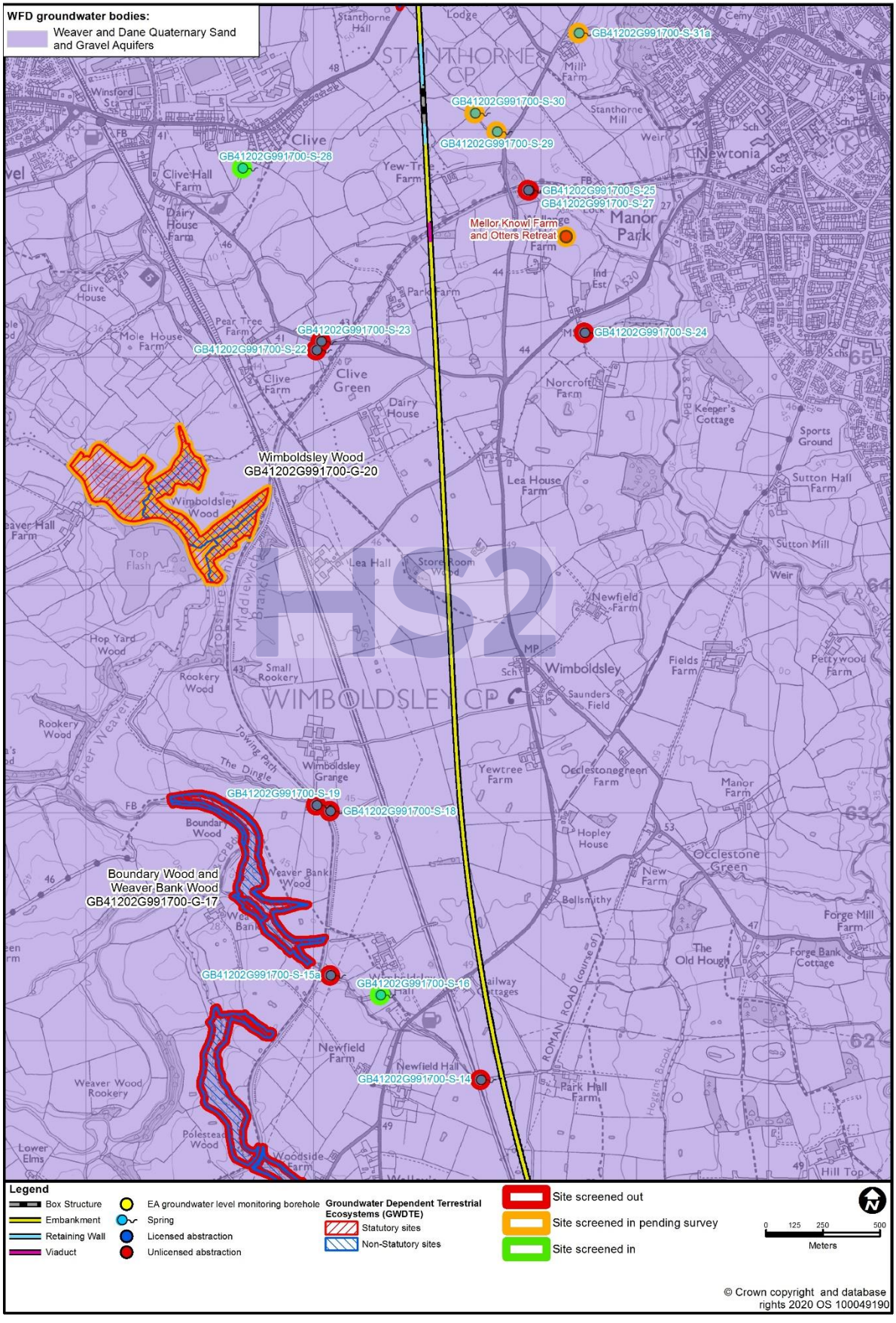


Figure 28: Groundwater features potentially affected by the Proposed Scheme (Part 4)

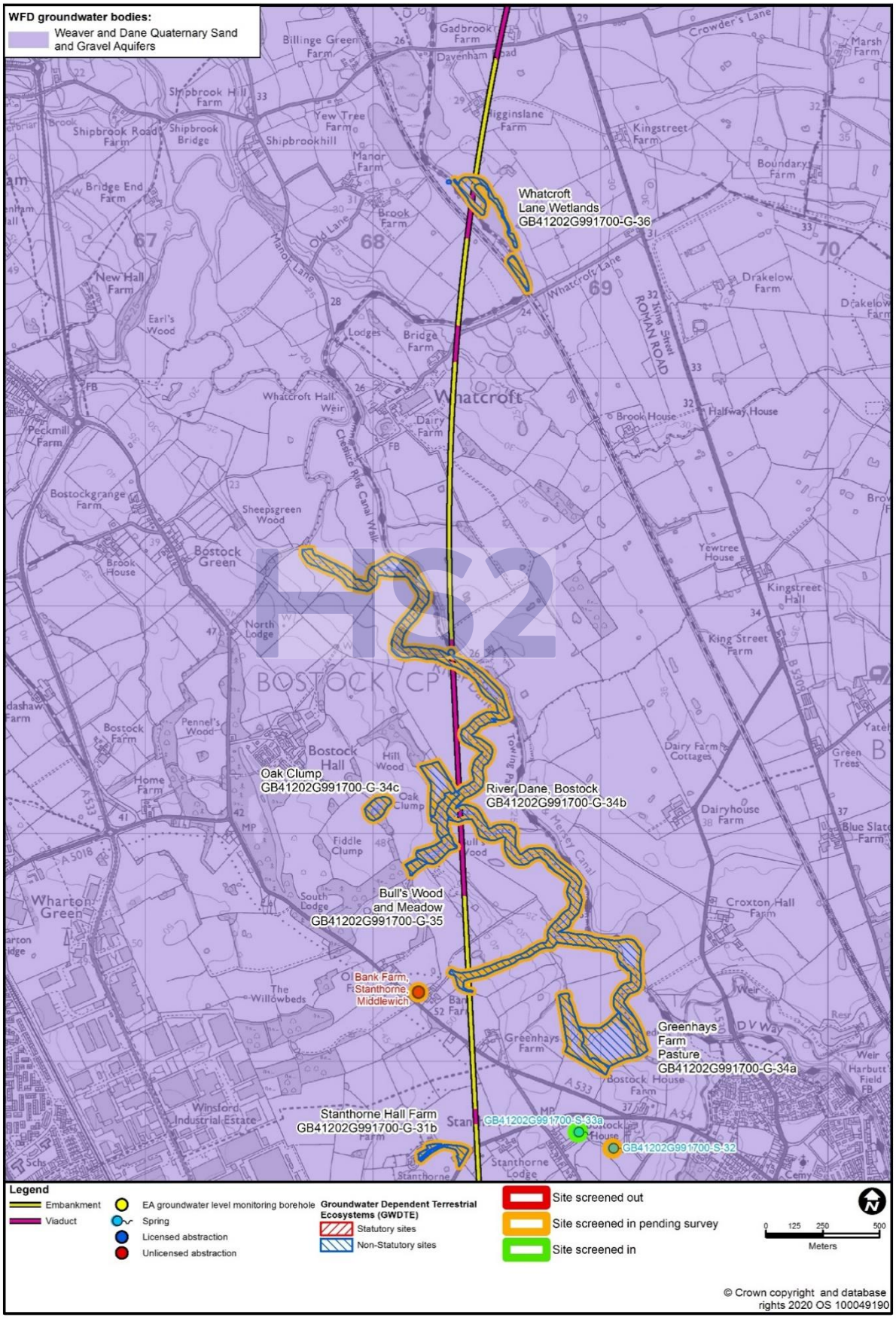


Figure 29: Groundwater features potentially affected by the Proposed Scheme (Part 5)

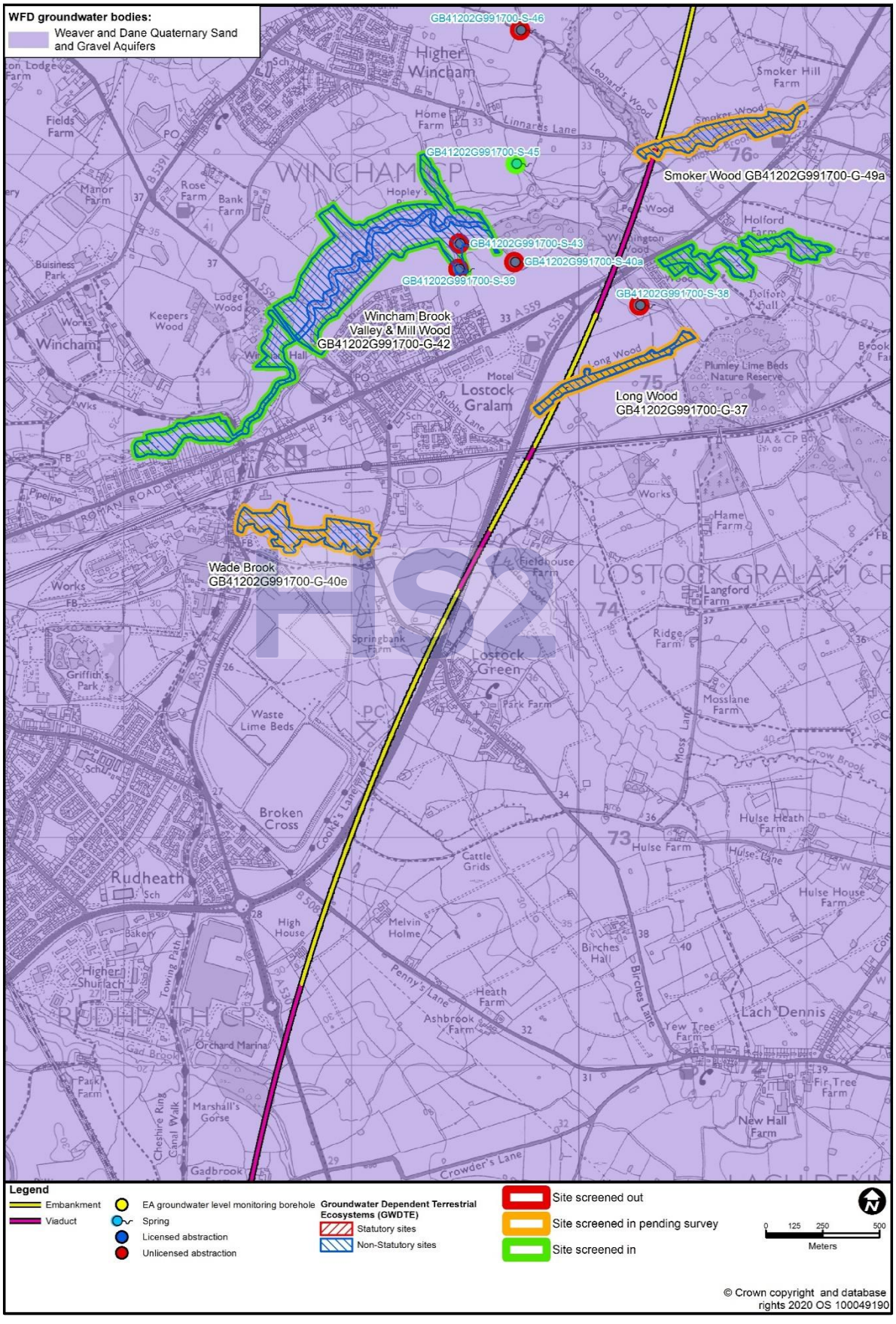


Figure 30: Groundwater features potentially affected by the Proposed Scheme (Part 6)

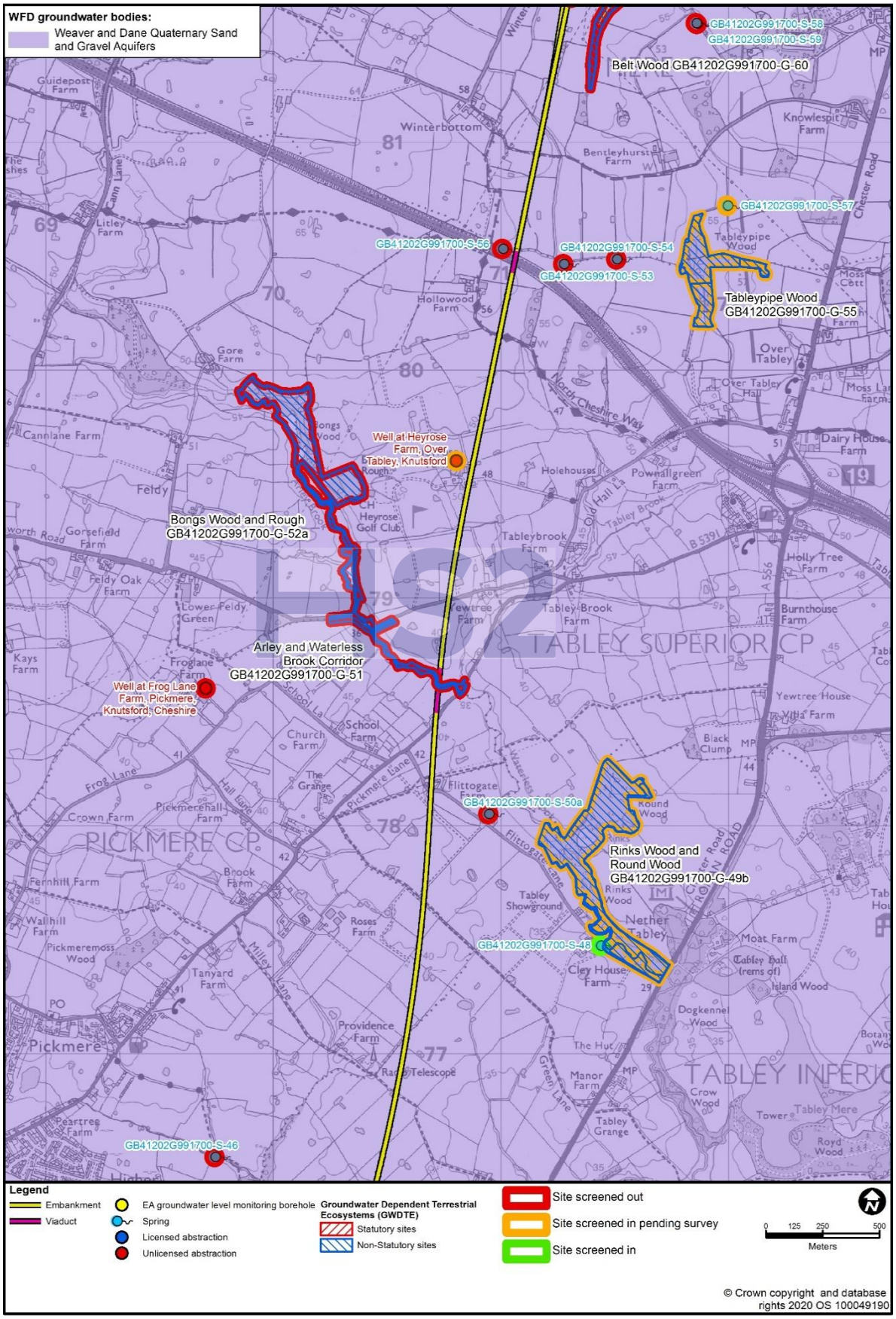


Figure 31: Groundwater features potentially affected by the Proposed Scheme (Part 7)

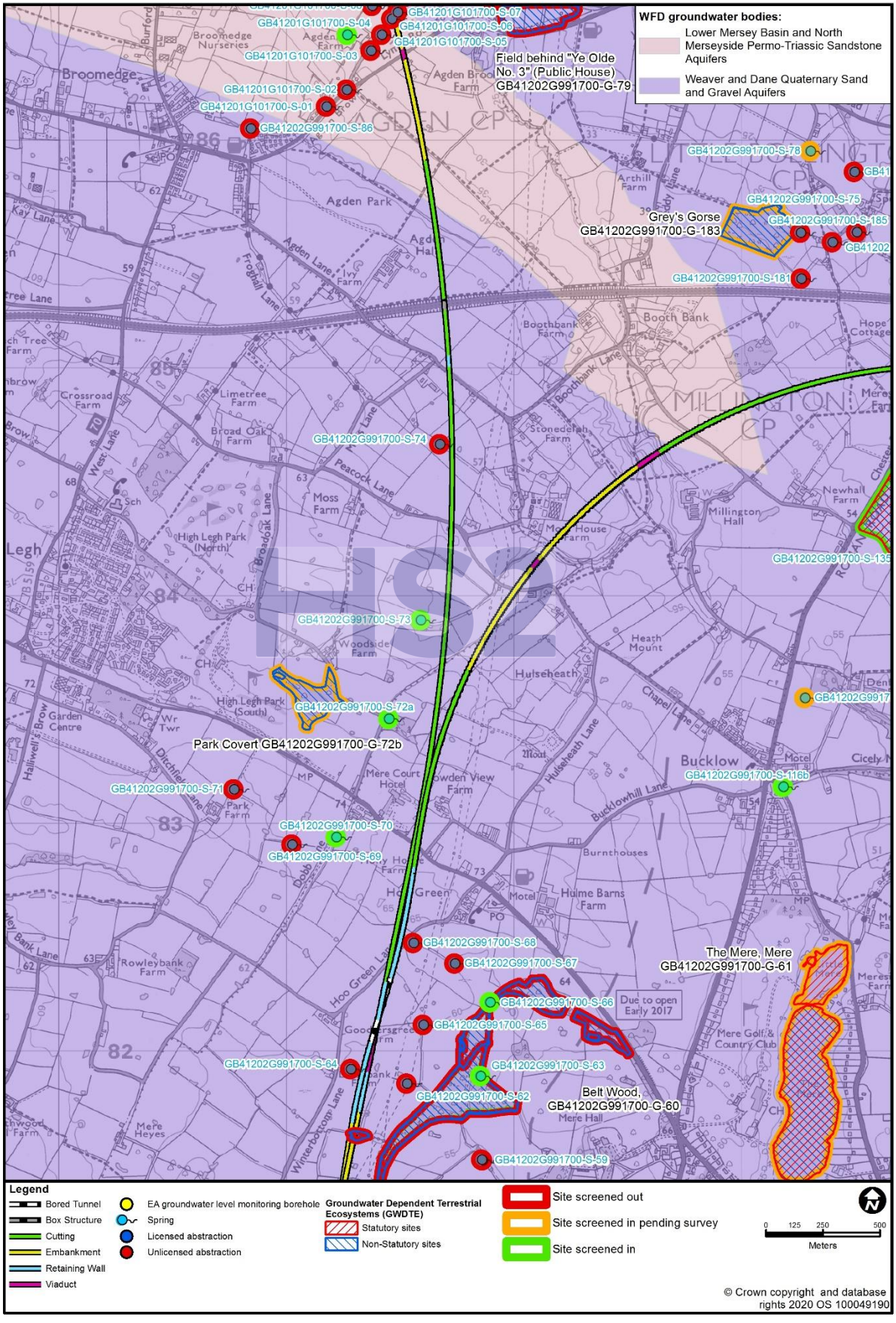


Figure 32: Groundwater features potentially affected by the Proposed Scheme (Part 8)

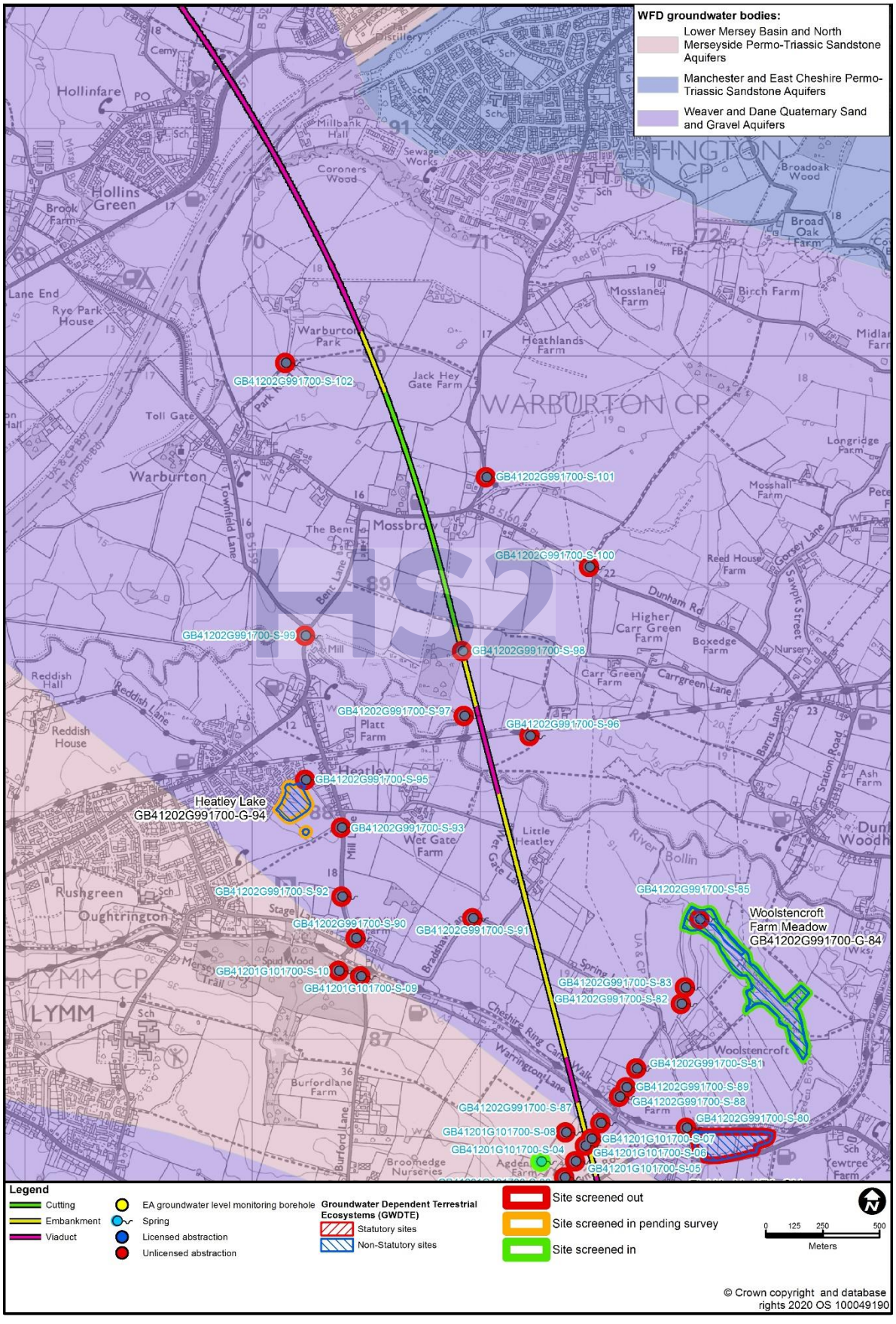


Figure 33: Groundwater features potentially affected by the Proposed Scheme (Part 9)

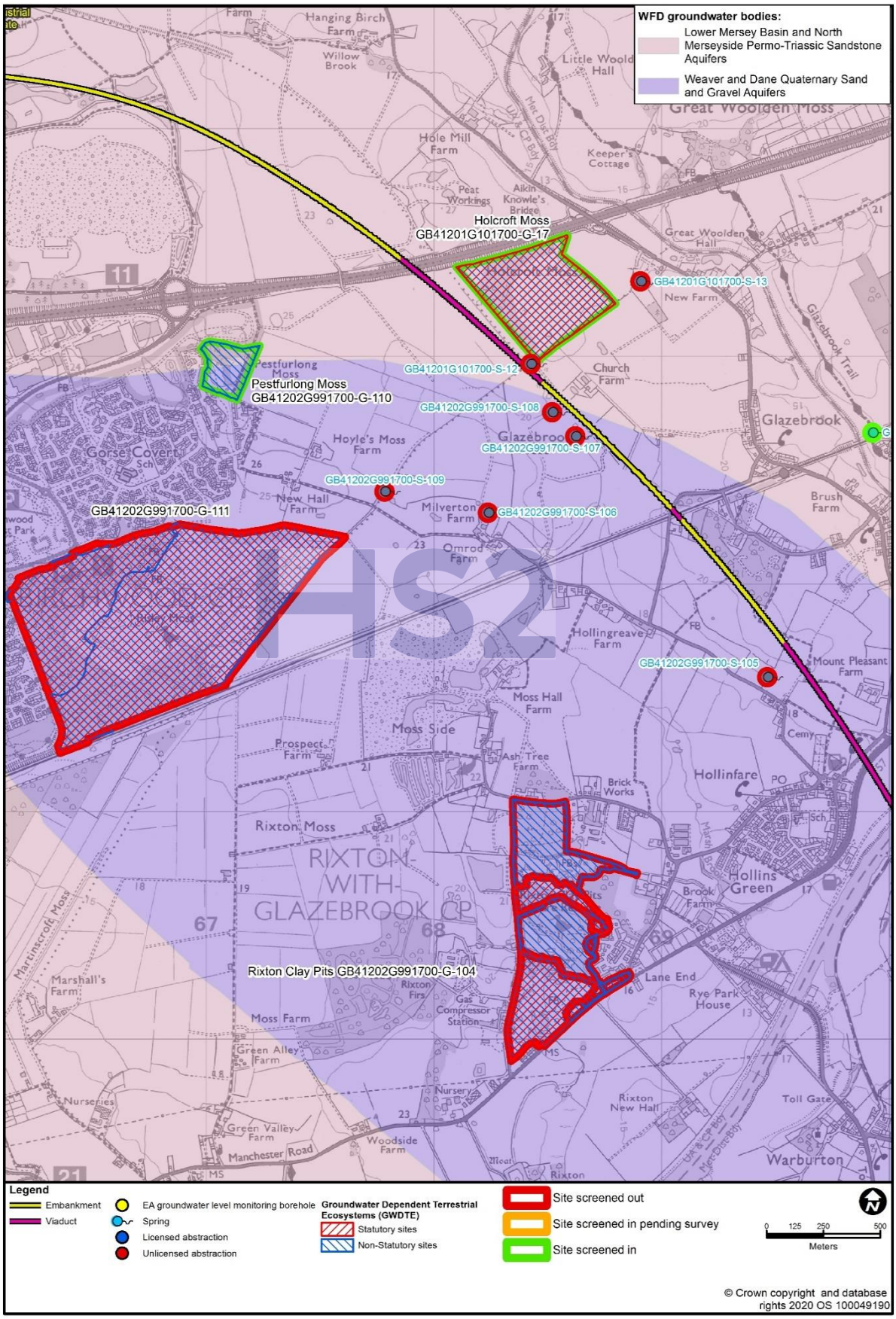


Figure 34: Groundwater features potentially affected by the Proposed Scheme (Part 10)

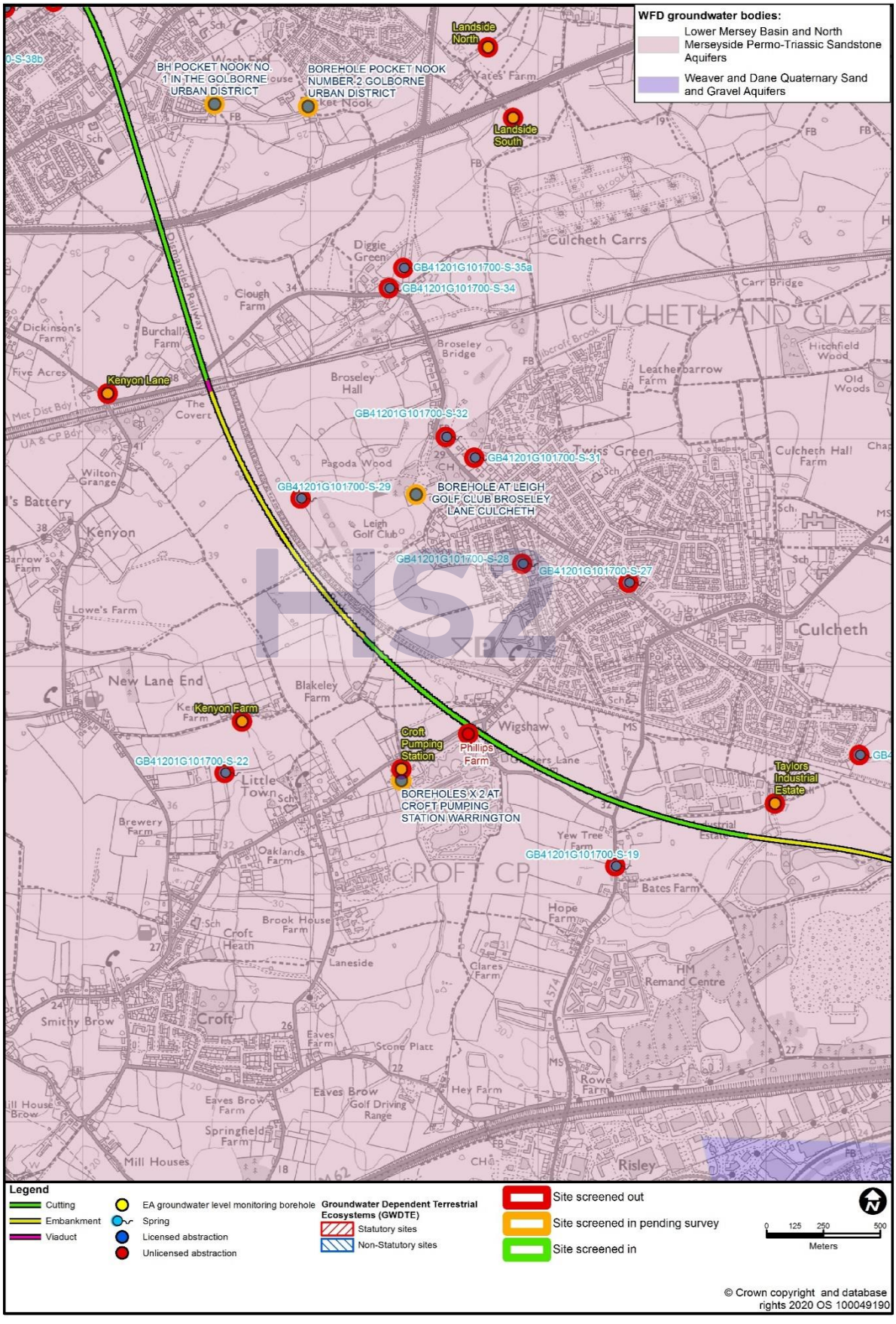


Figure 35: Groundwater features potentially affected by the Proposed Scheme (Part 11)

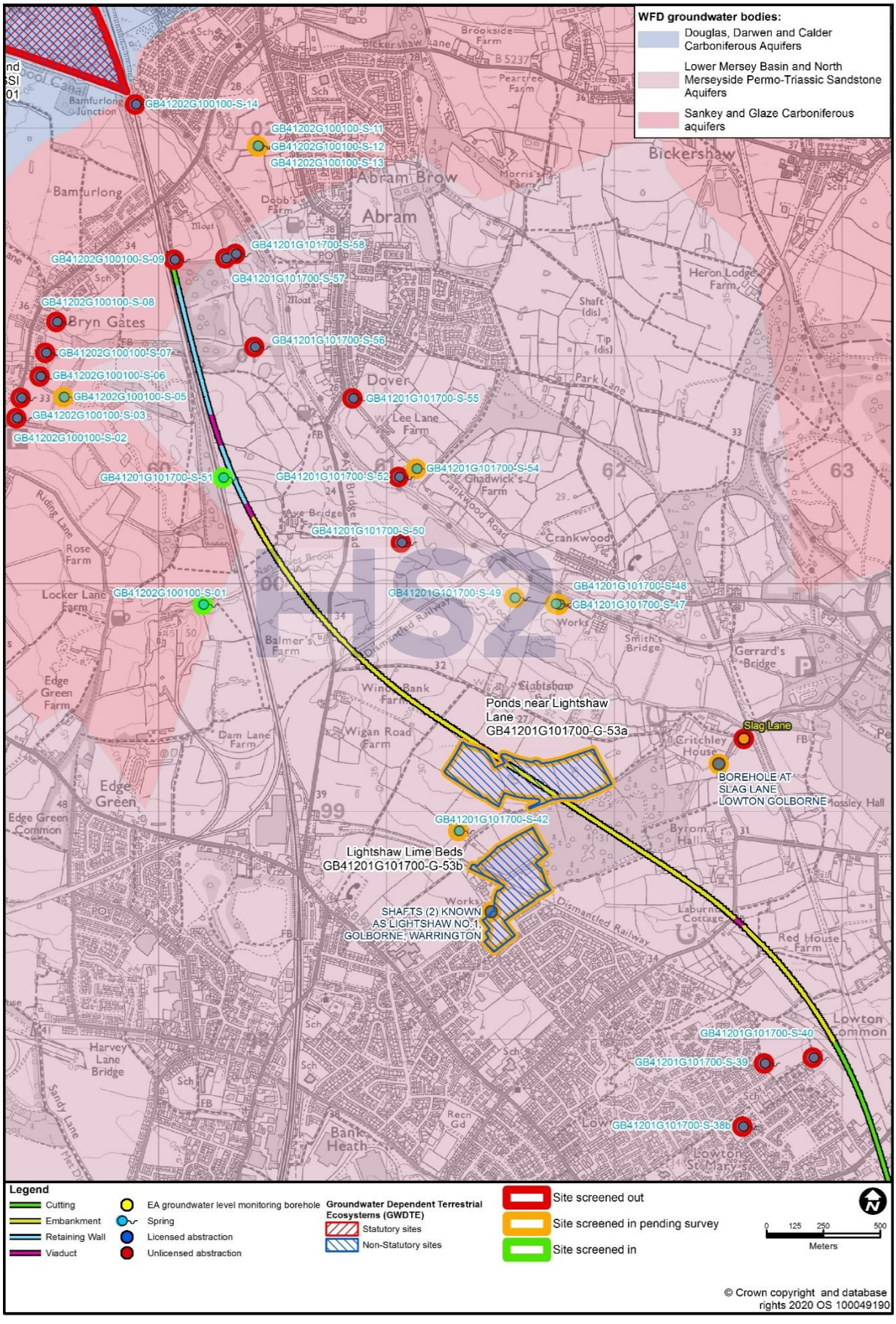


Figure 36: Groundwater features potentially affected by the Proposed Scheme (Part 12)

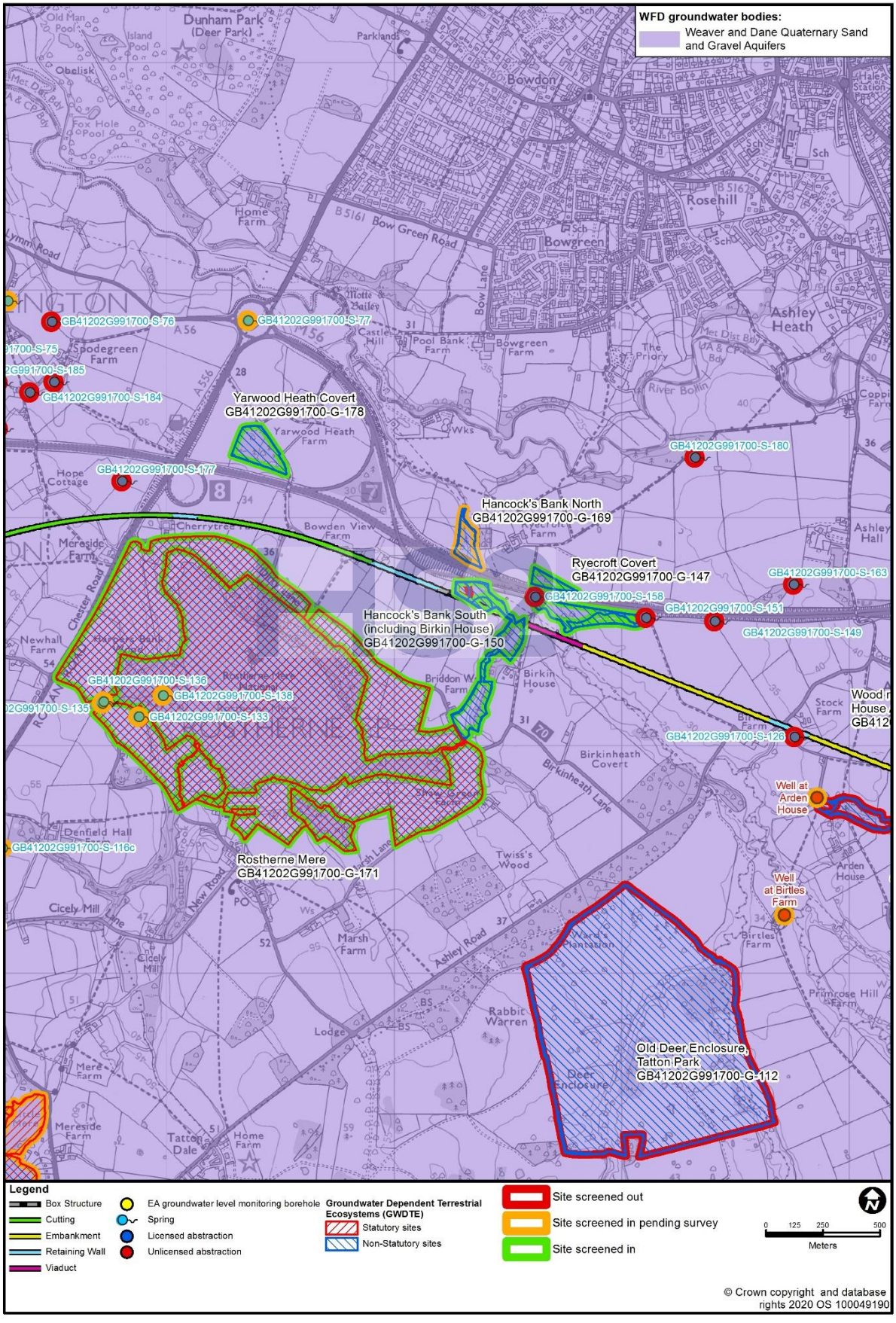


Figure 37: Groundwater features potentially affected by the Proposed Scheme (Part 13)

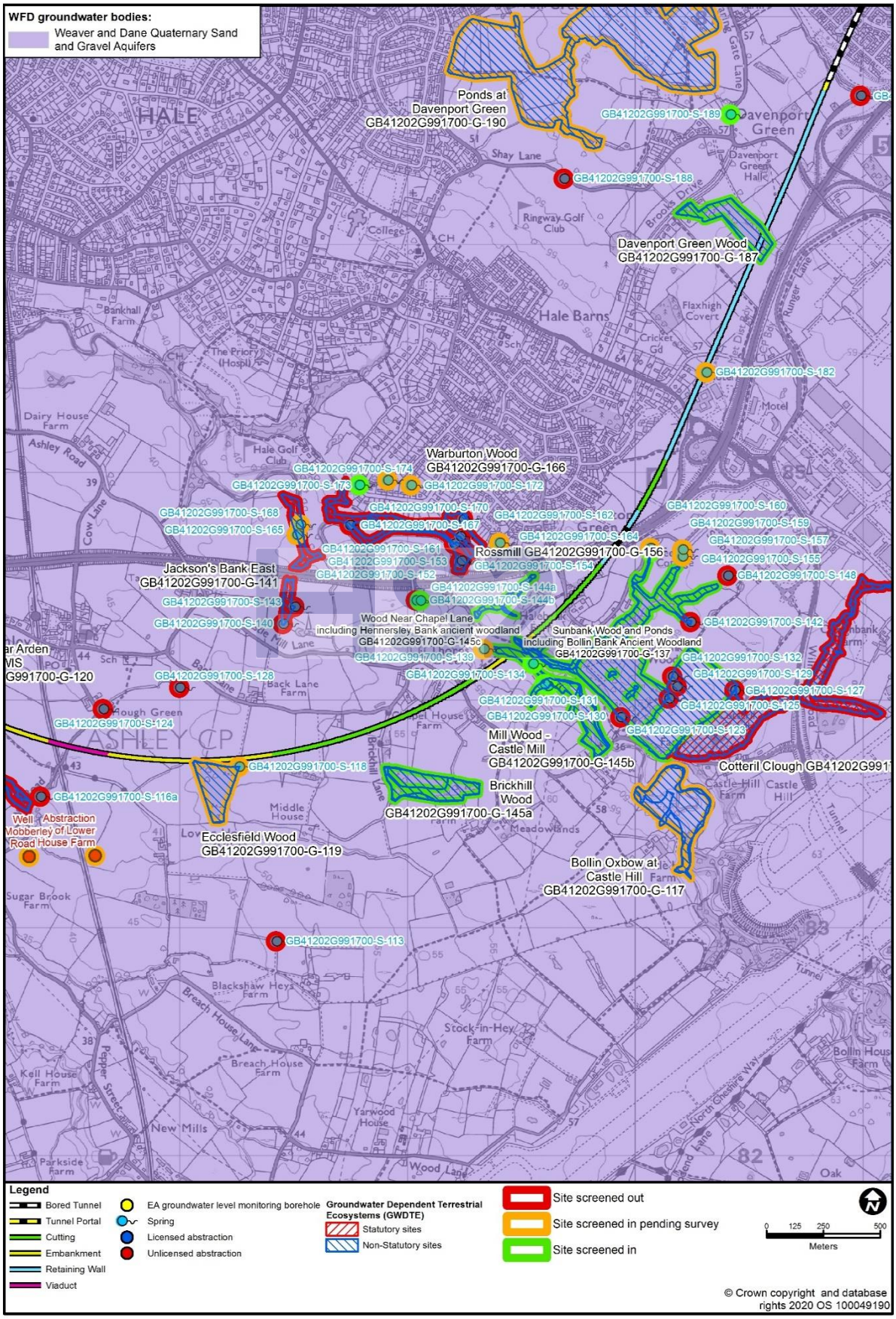


Figure 38: Groundwater features potentially affected by the Proposed Scheme (Part 14)

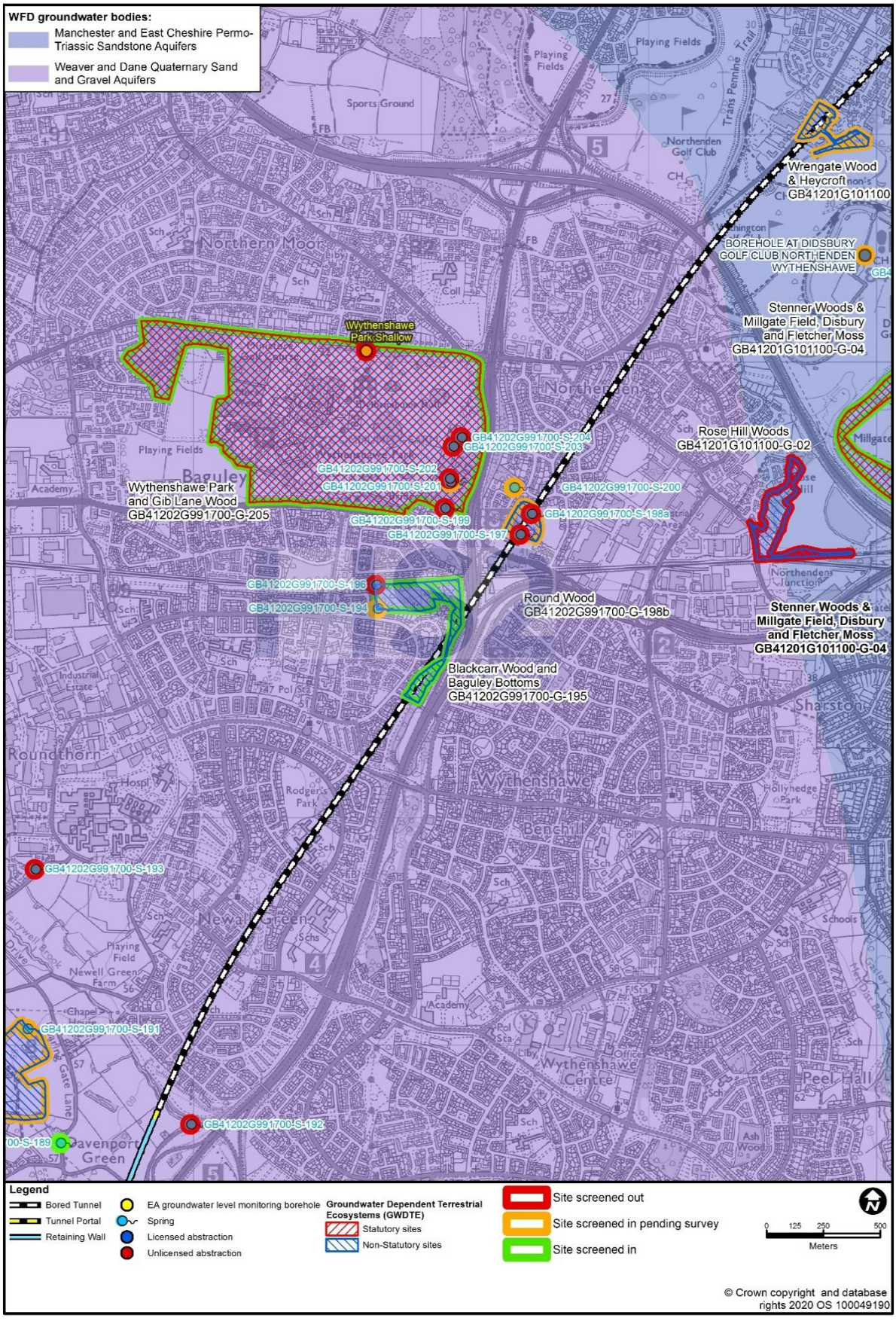
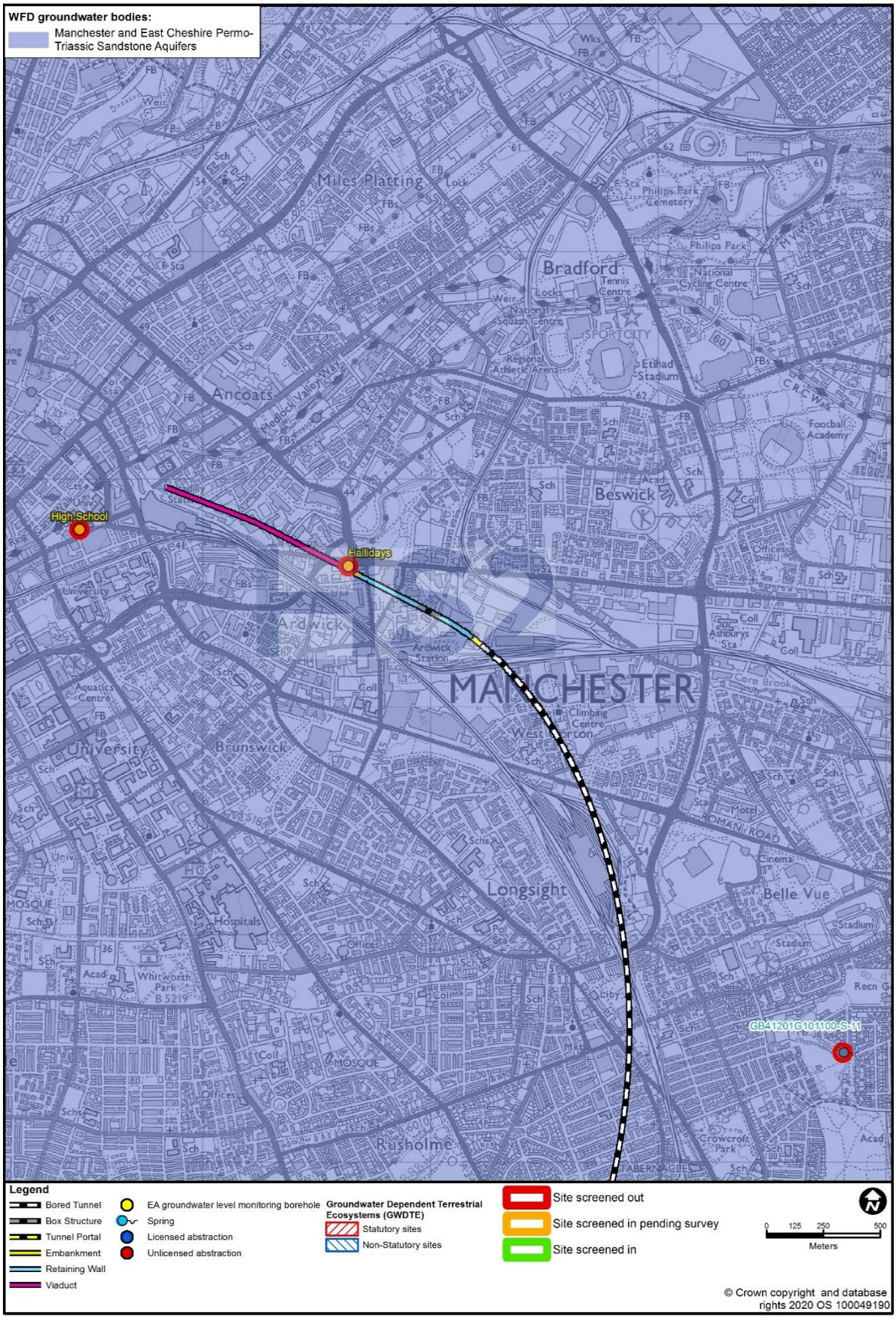


Figure 39: Groundwater features potentially affected by the Proposed Scheme (Part 15)

Figure 40: Groundwater features potentially affected by the Proposed Scheme (Part 16)



Weaver and Dane Quaternary Sand and Gravel Aquifers (GB41202G991700)

Potential spring – S_02

3.2.7 The potential spring S_02 is located 70m east of Chorlton Bank Farm (at NGR SJ7256251353). A baseline desk study and field survey have been undertaken.

3.2.8 A summary of the baseline condition of the potential spring S_02, together with some example photographs, are provided in Table 120.

3.2.9 Based on the evidence from the baseline assessment the potential spring S_02 has been screened in to support the WFD preliminary assessment.

Table 120: Summary of baseline condition of potential spring S_02

Description of feature	Example photographs
Surveys show this is a buried stream, feeding into a boggy area which is acting similar to a groundwater collect (surface expression of buried stream). There is evidence here that habitat has been cleared although willows remain at this site suggesting permanent water availability. The stream is buried across two fields until the GWDTE of Basford Brook is reached where surface water is observed. The stream flows into the Basford Brook watercourse. The topography in the fields is sloped towards the buried stream and there was evidence of fluvial transportation across the field due to heavy rainfall before survey.	  Photographs taken from NGR SJ7256251353

Potential spring – S_06

3.2.10 The potential spring S_06 is located at Savoy Road, Crewe (at NGR SJ7210153665). A baseline desk study has been undertaken.

3.2.11 Based on the evidence from the baseline assessment the potential spring S_06 has been screened in to support the WFD preliminary assessment.

Potential spring – S_09

3.2.12 The potential spring S_09 is located 500m south-west of Moss Farm, north of Crewe (at NGR SJ6981658735). A baseline desk study and field survey have been undertaken. The DRN indicates this feature is a culvert.

3.2.13 A summary of the baseline condition of the potential spring S_09, together with some example photographs, are provided in Table 121.

3.2.14 Based on the evidence from the baseline assessment the potential spring S_09 has not been screened in to support the WFD preliminary assessment.

Table 121: Summary of baseline condition of potential spring S_09

Description of feature	Example photograph
DRN indicates this is feature is a culvert however a survey was also completed at this site. The site visit showed there is a potential culvert passing under the railway track which feeds into a ditch. Raised hummock seen at site of potential spring although an outfall was not observed. The ditch likely receives water from land drainage. The fields in the area were very waterlogged due to the underlying clayey geology and heavy rainfall prior to the survey.	 Photograph taken from NGR SJ6981658735

Potential spring – S_11

3.2.15 The potential spring S_11 is located at Moat House Farm, Minshull Vernon (at NGR SJ6872460599). A baseline desk study and field survey have been undertaken.

3.2.16 A summary of the baseline condition of the potential spring S_11, together with some example photographs, are provided in Table 122.

3.2.17 Based on the evidence from the baseline assessment the potential spring S_11 has not been screened in to support the WFD preliminary assessment.

Table 122: Summary of baseline condition of potential spring S_11

Description of feature	Example photograph
Culvert passing under agricultural track – not a groundwater feature	 Photograph taken from NGR SJ6872460599

Potential spring – S_12

3.2.18 The potential spring S_12 is located at The Woodlands, Minshull Vernon (at NGR SJ6848461061). A baseline desk study and field survey have been undertaken.

3.2.19 A summary of the baseline condition of the potential spring S_12, together with some example photographs, are provided in Table 123.

3.2.20 Based on the evidence from the baseline assessment the potential spring S_12 has not been screened in to support the WFD preliminary assessment.

Table 123: Summary of baseline condition of potential spring S_12

Description of feature	Example photograph
No groundwater features identified	 Photograph taken from NGR SJ68480461061

Potential sink – S_13

3.2.21 The potential sink S_13 is located on Worsley Covert, at Woodside Farm (at NGR SJ6801961312). A baseline desk study and field survey have been undertaken.

3.2.22 A summary of the baseline condition of the potential spring S_13, together with some example photographs, are provided in Table 124.

3.2.23 Based on the evidence from the baseline assessment the potential spring S_13 has not been screened in to support the WFD preliminary assessment.

Table 124: Summary of baseline condition of potential spring S_13

Description of feature	Example photograph
Culvert under road (Brookhouse Lane) to allow Tributary of River Weaver 1 to pass through – not a groundwater feature	 Photograph taken from NGR SJ6801961312

Potential spring – S_14

3.2.24 The potential spring S_14 is located 260m west of Park Hall Farm, Minshull Vernon (at NGR SJ6873561830). A baseline desk study and field survey have been undertaken.

3.2.25 A summary of the baseline condition of the potential spring S_14, together with some example photographs, are provided in Table 125.

3.2.26 Based on the evidence from the baseline assessment the potential spring S_14 has not been screened in to support the WFD preliminary assessment.

Table 125: Summary of baseline condition of potential spring S_14

Description of feature	Example photograph
Piped discharge from beneath the railway – not a groundwater feature	 Photograph taken from NGR SJ6873561830

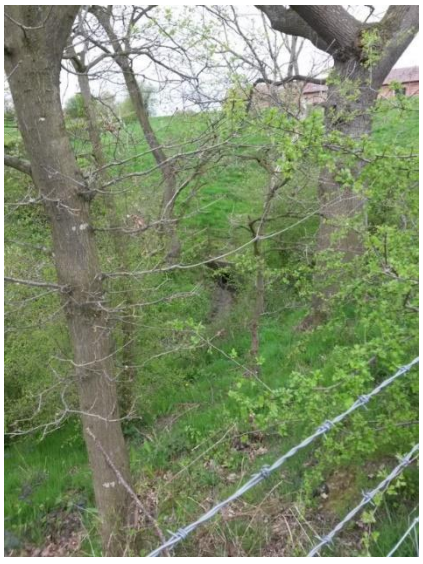
Potential sink – S_15a

3.2.27 The potential sink S_15a is located 230m west of Wimboldsley Hall (at NGR SJ6807562288). A baseline desk study and field survey have been undertaken.

3.2.28 A summary of the baseline condition of the potential sink S_15a, together with some example photographs, are provided in Table 126.

3.2.29 Based on the evidence from the baseline assessment the potential sink S_15a has not been screened in to support the WFD preliminary assessment.

Table 126: Summary of baseline condition of potential sink S_15a

Description of feature	Example photograph
Culvert under the railway – not a groundwater feature	 Photograph taken from NGR SJ6807562288

GWDTE – G_15b

3.2.30 The GWDTE G_15b is located at Moss Bridge Marsh (at NGR SJ6987458613). A baseline desk study and field survey have been undertaken.

3.2.31 A summary of the baseline condition of the GWDTE G_15b, together with some example photographs, are provided in Table 127.

3.2.32 Based on the evidence from the baseline assessment the GWDTE G_15b has been screened in to support the WFD preliminary assessment.

Table 127: Summary of baseline condition of GWDTE G_15b

Description of feature	Example photograph
Moss Bridge Marsh is a marshy grassland habitat with associated water dependent species. Small area of woodland identified as well as a pool, marshes and drainage channels. There may be a groundwater partially supporting the habitat from underlying glacial till. As such, the habitat is classified as a surface water and groundwater dependent habitat.	 Photograph taken from NGR SJ6987458613

GWDTE – G_15c

3.2.33 The GWDTE G_15c is located at Spring Plantation Grassland (at NGR SJ6962558759). A baseline desk study and field survey have been undertaken.

3.2.34 A summary of the baseline condition of the GWDTE G_15c, together with some example photographs, are provided in Table 128.

3.2.35 Based on the evidence from the baseline assessment the GWDTE G_15c has been screened in to support the WFD preliminary assessment.

Table 128: Summary of baseline condition of GWDTE G_15c

Description of feature	Example photograph
Spring Plantation Grassland is a managed field with marshy grassland characteristics. Patches of reeds within field and crack willow in drainage ditch surrounding habitat were identified. Drainage ditch had stagnant water with signs of litter dumping. There may be a groundwater partially supporting the habitat from underlying glacial till. As such, the habitat is classified as a surface water and groundwater dependent habitat.	 Photograph taken from NGR SJ6962558759

Spring – S_16

3.2.36 The spring S_16 is located 100m south of Wimboldsley Hall (at NGR SJ6829462201). A baseline desk study and field survey have been undertaken.

3.2.37 A summary of the baseline condition of the spring S_16, together with some example photographs, are provided in Table 129.

3.2.38 Based on the evidence from the baseline assessment the spring S_16 has been screened in to support the WFD preliminary assessment.

Table 129: Summary of baseline condition of spring S_16

Description of feature	Example photograph
The feature was identified as a spring during surveys. The flow from the spring forms part of the Tributary of River Weaver 2. The spring is located in an open depression facing south-west within an established woodland.	 Photograph taken from NGR SJ6829462201

Potential sink – S_18

3.2.39 The potential sink S_18 is located at Dingle and Shropshire Union Canal, 235m south of Wimboldsley Grange (at NGR SJ6807463009). A baseline desk study and field survey have been undertaken.

3.2.40 A summary of the baseline condition of the potential sink S_18, together with some example photographs, are provided in Table 130.

3.2.41 Based on the evidence from the baseline assessment the potential sink S_18 has not been screened in to support the WFD preliminary assessment.

Table 130: Summary of baseline condition of potential sink S_18

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ6807463009

GWDTE – G_20

3.2.42 The GWDTE G_20 is located at Wimboldsley Wood (at NGR SJ6780264427). A baseline desk study has been undertaken.

3.2.43 Based on the evidence from the baseline assessment the GWDTE G_20 has been screened in to support the WFD preliminary assessment.

Potential spring – S_21

3.2.44 The potential spring S_21 is located at saliferous spring in Wimboldsley Wood (at NGR SJ6780264427). A baseline desk study and field survey have been undertaken.

3.2.45 A summary of the baseline condition of the potential spring S_21, together with some example photographs, are provided in Table 131.

3.2.46 Based on the evidence from the baseline assessment the potential spring S_21 has been screened in to support the WFD preliminary assessment.

Table 131: Summary of baseline condition of potential spring S_21

Description of feature	Example photograph
Surveys were unable to identify a saliferous spring in the habitat. Access issues restricted further investigation. The saliferous spring is expected to be in the south of the SSSI habitat, where access was not available. A culvert was identified which drains underneath the Trent and Mersey Canal into Wimboldsley Wood. This is not assumed to be the saliferous spring.	 Photograph taken from NGR SJ6780264427

Potential spring – S_24

3.2.47 The potential spring S_24 is located 180m north of Norcroft Farm (at NGR SJ6919169191). A baseline desk study and field survey have been undertaken.

3.2.48 A summary of the baseline condition of the potential spring S_24, together with some example photographs, are provided in Table 132.

3.2.49 Based on the evidence from the baseline assessment the potential spring S_24 has not been screened in to support the WFD preliminary assessment.

Table 132: Summary of baseline condition of potential spring S_24

Description of feature	Example photographs
Surveys confirm this is a land drainage feature. On one side of the road, there is a ditch which is culverted under the road. The ditch then opens up into a deeper open depression, possibly due to dissolution and subsidence of halite in the underlying geology. The ditch is also likely receiving overland flow.	  Photographs taken from NGR SJ6919169191

Potential spring – S_25

3.2.50 The potential spring S_25 is located 100m east Yew-Tree Farm, Coalpit Lane (at NGR SJ6894965735). A baseline desk study and field survey have been undertaken.

3.2.51 A summary of the baseline condition of the potential spring S_25, together with some example photographs, are provided in Table 133.

3.2.52 Based on the evidence from the baseline assessment the potential spring S_25 has not been screened in to support the WFD preliminary assessment.

Table 133: Summary of baseline condition of potential spring S_25

Description of feature	Example photograph
Culvert passing Tributary of River Wheelock 5 under the Shropshire Union Canal, not a groundwater feature. Also, a second outfall adjacent to the culvert which is likely an overflow of the Shropshire Union Canal based on OS maps. The scum on water is originating from the discharge from potential spring S_27, which is in close proximity.	 Photograph taken from NGR SJ6894965735

Unlicensed abstraction – Uab_26

3.2.53 The unlicensed abstraction Uab_26 is located at Mellor Knowl Farm and Otters Retreat (at NGR SJ6911165531). A baseline desk study has been undertaken.

3.2.54 Based on the evidence from the baseline assessment the unlicensed abstraction Uab_26 has been screened in to support the WFD preliminary assessment.

Potential spring – S_27

3.2.55 The potential spring S_27 is located 100m east of Yew-Tree Farm, Coalpit Lane (at NGR SJ6894465736). A baseline desk study and field survey have been undertaken.

3.2.56 A summary of the baseline condition of the potential spring S_27, together with some example photographs, are provided in Table 134.

3.2.57 Based on the evidence from the baseline assessment the potential spring S_27 has not been screened in to support the WFD preliminary assessment.

Table 134: Summary of baseline condition of potential spring S_27

Description of feature	Example photograph
Culvert passing under the Shropshire Union Canal, not a groundwater feature. Possibly a sewage outfall based on the scum on top of the water. The culvert discharges into Tributary of River Wheelock 5. This site is in close proximity to potential spring S_25.	 Photograph taken from NGR SJ6894465736

Spring – S_28

3.2.58 The spring S_28 is located south-west of Clive (at NGR SJ6768965833). A baseline desk study and field survey have been undertaken.

3.2.59 A summary of the baseline condition of the spring S_28, together with some example photographs, are provided in Table 135.

3.2.60 Based on the evidence from the baseline assessment the spring S_28 has been screened in to support the WFD preliminary assessment.

Table 135: Summary of baseline condition of spring S_28

Description of feature	Example photograph
Surveys located a large pond at the site of the spring. The pond is likely partially supported by groundwater, with contribution from land runoff. Water ditches into a manmade ditch running alongside agricultural land.	 Photograph taken from NGR SJ6768965833

Potential spring – S_29

3.2.61 The potential spring S_29 is located 40m west of Coalpit Lane (at NGR SJ6880765992). A baseline desk study has been undertaken.

3.2.62 Based on the evidence from the baseline assessment the potential spring S_29 has been screened in to support the WFD preliminary assessment.

Potential spring – S_30

3.2.63 The potential spring S_30 is located 140m north of Yew-Tree Farm, Coalpit Lane (at NGR SJ6871066074). A baseline desk study has been undertaken.

3.2.64 Based on the evidence from the baseline assessment the potential spring S_30 has been screened in to support the WFD preliminary assessment.

Potential spring – S_31a

3.2.65 The potential spring S_31a is located at Mill Farm, Coalpit Lane (at NGR SJ6916666426). A baseline desk study has been undertaken. A field survey was attempted however the potential spring could not be assessed due to large piles of farm debris and unstable ground.

3.2.66 Based on the evidence from the baseline assessment the potential spring S_31a has been screened in to support the WFD preliminary assessment.

GWDTE – G_31b

3.2.67 The GWDTE G_31b is located at Stanthorne Hall Farm (at NGR SJ6828366636). A baseline desk study has been undertaken.

3.2.68 Based on the evidence from the baseline assessment the GWDTE G_31b has been screened in to support the WFD preliminary assessment.

Potential sink – S_32

3.2.69 The potential sink S_32 is located at Bostock House, A54 (at NGR SJ6905566619). A baseline desk study has been undertaken.

3.2.70 Based on the evidence from the baseline assessment the potential sink S_32 has been screened in to support the WFD preliminary assessment.

Spring – S_33a

3.2.71 The spring S_33a is located 215m west of Bostock House, A54 (at NGR SJ6890266690). A baseline desk study and field survey have been undertaken.

3.2.72 A summary of the baseline condition of the spring S_33a, together with some example photographs, are provided in Table 136.

3.2.73 Based on the evidence from the baseline assessment the spring S_33a has been screened in to support the WFD preliminary assessment.

Table 136: Summary of baseline condition of spring S_33a

Description of feature	Example photograph
Surveys identified a spring flowing south-east. It is possible the spring is in hydraulic connection with the River Wheelock approximately 500m south-east of the spring. The water feature is located within a small, narrow ditch and likely receives input from drainage of surrounding fields. As such, the habitat at the spring is deemed partially groundwater dependent.	 Photograph taken from NGR SJ6890266690

Unlicensed abstraction – Uab_33b

3.2.74 The unlicensed abstraction Uab_33b is located at Bank Farm, Stanthorne, Middlewich (at NGR SJ6820167304). A baseline desk study has been undertaken.

3.2.75 Based on the evidence from the baseline assessment the unlicensed abstraction Uab_33b has been screened in to support the WFD preliminary assessment.

GWDTE – G_34a

3.2.76 The GWDTE G_34a is located at Greenhays Farm Pasture (at NGR SJ3777067121). A baseline desk study has been undertaken.

3.2.77 Based on the evidence from the baseline assessment the GWDTE G_34a has been screened in to support the WFD preliminary assessment.

GWDTE – G_34b

3.2.78 The GWDTE G_34b is located at River Dane, Bostock (at NGR SJ6836568138). A baseline desk study has been undertaken.

3.2.79 Based on the evidence from the baseline assessment the GWDTE G_34b has been screened in to support the WFD preliminary assessment.

GWDTE – G_34c

3.2.80 The GWDTE G_34c is located at Oak Clump (at NGR SJ6899167121). A baseline desk study has been undertaken.

3.2.81 Based on the evidence from the baseline assessment the GWDTE G_34c has been screened in to support the WFD preliminary assessment.

GWDTE – G_35

3.2.82 The GWDTE G_35 is located at Bull's Wood and Meadow (at NGR SJ6830868068). A baseline desk study has been undertaken.

3.2.83 Based on the evidence from the baseline assessment the GWDTE G_35 has been screened in to support the WFD preliminary assessment.

GWDTE – G_36

3.2.84 The GWDTE G_36 is located at Whatcroft Lane Pond SBI (at NGR SJ6865570455). A baseline desk study and field survey have been undertaken.

3.2.85 A summary of the baseline condition of the GWDTE G_36, together with some example photographs, are provided in Table 137.

3.2.86 Based on the evidence from the baseline assessment the GWDTE G_36 has been screened in to support the WFD preliminary assessment.

Table 137: Summary of baseline condition of GWDTE G_36

Description of feature	Example photograph
Water dependent habitats identified by surveys but were unable to determine if the habitat is fed by leakage from canal or groundwater.	 Photograph taken from NGR SJ6865570455

GWDTE – G_37

3.2.87 The GWDTE G_37 is at Long Wood (at NGR SJ7015775044). A baseline desk study has been undertaken.

3.2.88 Based on the evidence from the baseline assessment the GWDTE G_37 has been screened in to support the WFD preliminary assessment.

Potential spring – S_38

3.2.89 The potential spring S_38 is located at Winnington Belt, 100m east of Nursery on Ascol Drive (at NGR SJ7026775338). A baseline desk study and field survey have been undertaken.

3.2.90 A summary of the baseline condition of the potential spring S_38, together with some example photographs, are provided in Table 138.

3.2.91 Based on the evidence from the baseline assessment the potential spring S_38 has not been screened in to support the WFD preliminary assessment.

Table 138: Summary of baseline condition of potential spring S_38

Description of feature	Example photograph
Drainage outfall and no groundwater dependent habitat in the vicinity – not a groundwater feature	 Photograph taken from NGR SJ7026775338

Potential spring – S_40a

3.2.92 The potential spring S_40a is located at Winnington Wood, north-east of Lostock Gralam (at NGR SJ6971875528). A baseline desk study and field survey have been undertaken.

3.2.93 A summary of the baseline condition of the potential spring S_40a, together with some example photographs, are provided in Table 139.

3.2.94 Based on the evidence from the baseline assessment the potential spring S_40a has not been screened in to support the WFD preliminary assessment.

Table 139: Summary of baseline condition of potential spring S_40a

Description of feature	Example photograph
Drainage outfall and no groundwater dependent habitat in the vicinity – not a groundwater feature	 Photograph taken from NGR SJ6971875528

GWDTE – G_40e

3.2.95 The GWDTE G_40e is at Wade Brook (at NGR SJ6851474354). A baseline desk study has been undertaken.

3.2.96 Based on the evidence from the baseline assessment the GWDTE G_40e has been screened in to support the WFD preliminary assessment.

GWDTE – G_42

3.2.97 The GWDTE G_42 located at Wincham Brook Valley and Mill Wood (at NGR SJ6964275583). A baseline desk study and field survey have been undertaken.

3.2.98 A summary of the baseline condition of the GWDTE G_42, together with some example photographs, are provided in Table 140.

3.2.99 Based on the evidence from the baseline assessment the GWDTE G_42 has been screened in to support the WFD preliminary assessment.

Table 140: Summary of baseline condition of GWDTE G_42

Description of feature	Example photograph
Surveys were restricted by access – further surveys required to fully assess this habitat. The area visited was not groundwater dependent and land drainage into Wincham Brook was identified.	 Photograph taken from NGR SJ6964275583

Spring – S_45

3.2.100 The spring S_45 located 215m south-east of Home Farm, Higher Wincham (at NGR SJ6972475960). A baseline desk study and field survey have been undertaken.

3.2.101 A summary of the baseline condition of the spring S_45, together with some example photographs, are provided in Table 141.

3.2.102 Based on the evidence from the baseline assessment the spring S_45 has been screened in to support the WFD preliminary assessment.

Table 141: Summary of baseline condition of spring S_45

Description of feature	Example photograph
Unclear if drainage ditch or spring, thick mud and hydrogen sulphide smell. Channel likely receives drainage water from surface runoff from surrounding fields. Due to significant overland flow entering the area, it is unlikely to be impacted by the Proposed Scheme.	 Photograph taken from NGR SJ6972475960

Potential spring – S_46

3.2.103 The potential spring S_46 located 220m west of Leonards Wood (at NGR SJ6974376547). A baseline desk study and field survey have been undertaken.

3.2.104 A summary of the baseline condition of the potential spring S_46, together with some example photographs, are provided in Table 142.

3.2.105 Based on the evidence from the baseline assessment the potential spring S_46 has not been screened in to support the WFD preliminary assessment.

Table 142: Summary of baseline condition of potential spring S_46

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ6974376547

Potential spring – S_48

3.2.106 The potential spring S_48 located at Cley House Farm, Flittogate Lane (at NGR SJ7143977475). A baseline desk study and field survey have been undertaken.

3.2.107 A summary of the baseline condition of the potential spring S_48, together with some example photographs, are provided in Table 143.

3.2.108 Based on the evidence from the baseline assessment the potential spring S_48 has been screened in to support the WFD preliminary assessment.

Table 143: Summary of baseline condition of potential spring S_48

Description of feature	Example photograph
Due to access restrictions, it was unclear if this site is a culvert or a spring. If it is a spring it could be impacted by the Proposed Scheme as this stream flows directly into the Waterless Brook.	No photographs available from site visit

GWDTE – G_49a

3.2.109 The GWDTE G_49a is located at Smoker Wood (at NGR SJ7063376092). A baseline desk study has been undertaken.

3.2.110 Based on the evidence from the baseline assessment the GWDTE G_49a has been screened in to support the WFD preliminary assessment.

GWDTE – G_49b

3.2.111 The GWDTE G_49b is located at Rinks Wood and Round Wood (at NGR SJ7117277943). A baseline desk study has been undertaken.

3.2.112 Based on the evidence from the baseline assessment the GWDTE G_49b has been screened in to support the WFD preliminary assessment.

GWDTE – G_51

3.2.113 The GWDTE G_51 located at Arley and Waterless Brook Corridor (at NGR SJ7070678665). A baseline desk study and field survey have been undertaken.

3.2.114 A summary of the baseline condition of the GWDTE G_51, together with some example photographs, are provided in Table 144.

3.2.115 Based on the evidence from the baseline assessment the GWDTE G_51 has not been screened in to support the WFD preliminary assessment.

Table 144: Summary of baseline condition of GWDTE G_51

Description of feature	Example photograph
No areas of saturated ground, with no clear evidence of groundwater dependency. Habitat determined to not be groundwater dependent.	 Photograph taken from NGR SJ7070678665

Unlicensed abstraction – Uab_52b

3.2.116 The unlicensed abstraction Uab_52b is at Heyrose Farm, Over Tabley, Knutsford (at NGR SJ7080579603). A baseline desk study has been undertaken.

3.2.117 Based on the evidence from the baseline assessment the unlicensed abstraction Uab_52b has been screened in to support the WFD preliminary assessment.

Potential sink – S_53

3.2.118 The potential sink S_53 located 510m west of Tableypipe Wood (at NGR SJ7127680467). A baseline desk study and field survey have been undertaken.

3.2.119 A summary of the baseline condition of the potential sink S_53, together with some example photographs, are provided in Table 145.

3.2.120 Based on the evidence from the baseline assessment the potential sink S_53 has not been screened in to support the WFD preliminary assessment.

Table 145: Summary of baseline condition of potential sink S_53

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7127680467

Potential spring – S_54

3.2.121 The potential spring S_54 located 290m west of Tabley Wood, Cheshire East (at NGR SJ7150980489). A baseline desk study and field survey have been undertaken.

3.2.122 A summary of the baseline condition of the potential spring S_54, together with some example photographs, are provided in Table 146.

3.2.123 Based on the evidence from the baseline assessment the potential spring S_54 has not been screened in to support the WFD preliminary assessment.

Table 146: Summary of baseline condition of potential spring S_54

Description of feature	Example photograph
Survey confirmed a culverted land drainage outfall system for agricultural land – not a groundwater feature	 Photograph taken from NGR SJ7150980489

GWDTE – G_55

3.2.124 The GWDTE G_55 is located at Tableypipe Wood (at NGR SJ7179680491). A baseline desk study has been undertaken.

3.2.125 Based on the evidence from the baseline assessment the GWDTE G_55 has been screened in to support the WFD preliminary assessment.

Potential spring – S_56

3.2.126 The potential spring S_56 located near the M6, 160m north of Hollowood Farm, Cheshire East (at NGR SJ7100880534). A baseline desk study and field survey have been undertaken.

3.2.127 A summary of the baseline condition of the potential spring S_56, together with some example photographs, are provided in Table 147.

3.2.128 Based on the evidence from the baseline assessment the potential spring S_56 has not been screened in to support the WFD preliminary assessment.

Table 147: Summary of baseline condition of potential spring S_56

Description of feature	Example photograph
Culvert flowing into a ditch, possibly supported by land drainage – not a groundwater feature	 Photograph taken from NGR SJ7100880534

Potential spring – S_57

3.2.129 The potential spring S_57 is located north of Tableypipe Wood, Cheshire East (at NGR SJ7199680724). A baseline desk study has been undertaken.

3.2.130 Based on the evidence from the baseline assessment the potential spring S_57 has been screened in to support the WFD preliminary assessment.

Potential spring – S_58

3.2.131 The potential spring S_58 located 175 north-west of Kennel Wood, Cheshire East (at NGR SJ7186281522). A baseline desk study and field survey have been undertaken.

3.2.132 A summary of the baseline condition of the potential spring S_58, together with some example photographs, are provided in Table 148.

3.2.133 Based on the evidence from the baseline assessment the potential spring S_58 has not been screened in to support the WFD preliminary assessment.

Table 148: Summary of baseline condition of potential spring S_58

Description of feature	Example photograph
The watercourse has been recently dredged, obliterating any natural features. There is a damaged brick outfall at the spring location. Local drainage has been modified by construction of A556 drainage including new channels, culverts and a balancing pond. No indication of a natural spring at the site.	 Photograph taken from NGR SJ7186281522

Potential spring – S_59

3.2.134 The potential spring S_59 located 170 north-west of Kennel Wood, Cheshire East (at NGR SJ7185881525). A baseline desk study and field survey have been undertaken.

3.2.135 A summary of the baseline condition of the potential spring S_59, together with some example photographs, are provided in Table 149.

3.2.136 Based on the evidence from the baseline assessment the potential spring S_59 has not been screened in to support the WFD preliminary assessment.

Table 149: Summary of baseline condition of potential spring S_59

Description of feature	Example photograph
Watercourse recently dredged obliterating any natural features. Damaged brick outfall at spring location. Local drainage modified by construction of A556 drainage including new channels, culverts and a balancing pond.	 Photograph taken from NGR SJ7185881525

GWDTE – G_60

3.2.137 The GWDTE G_60 located at Belt Wood (at NGR SJ7141081531). A baseline desk study and field survey have been undertaken.

3.2.138 A summary of the baseline condition of the GWDTE G_60, together with some example photographs, are provided in Table 150.

3.2.139 Based on the evidence from the baseline assessment the GWDTE G_60 has not been screened in to support the WFD preliminary assessment.

Table 150: Summary of baseline condition of GWDTE G_60

Description of feature	Example photograph
The habitat is not groundwater dependent. Water dependent plants were only located alongside the bank of Tributary of Tabley Brook 9 which is fed from a spring (spring at Belt Wood north). Several ponds and ditches located within the habitat which appear manmade. The habitat has been modified for pheasant shooting.	 Photograph taken from NGR SJ7141081531

GWDTE – G_61

3.2.140 The GWDTE G_61 is located at The Mere, Mere (at NGR SJ7315981832). A baseline desk study has been undertaken.

3.2.141 Based on the evidence from the baseline assessment the GWDTE G_61 has been screened in to support the WFD preliminary assessment.

Potential spring – S_62

3.2.142 The potential spring S_62 located 310m east of Daisybank Farm, Winterbottom Lane (at NGR SJ7152981859). A baseline desk study and field survey have been undertaken.

3.2.143 A summary of the baseline condition of the potential spring S_62, together with some example photographs, are provided in Table 151.

3.2.144 Based on the evidence from the baseline assessment the potential spring S_62 has not been screened in to support the WFD preliminary assessment.

Table 151: Summary of baseline condition of potential spring S_62

Description of feature	Example photograph
A large pipe, passing under a 250m stretch of agricultural land, was located at the site of the feature. This is part of a series of ditches located around the edge of the agricultural land. Not supporting any significant habitat. This is a land drainage outfall, not a groundwater feature.	 Photograph taken from NGR SJ7152981859

Potential spring – S_63

3.2.145 The potential spring S_63 located at Belt Wood east (at NGR SJ7185281892). A baseline desk study and field survey have been undertaken.

3.2.146 A summary of the baseline condition of the potential spring S_63, together with some example photographs, are provided in Table 152.

3.2.147 Based on the evidence from the baseline assessment the potential spring S_63 has been screened in to support the WFD preliminary assessment.

Table 152: Summary of baseline condition of potential spring S_63

Description of feature	Example photograph
Surveys show that a channel has been dug, creating near vertical walls and a uniform straight channel. Unable to determine if this is a modified spring or drainage outfall. Channel was dry at time of visit. Assumed to be a groundwater feature on a precautionary basis.	 Photograph taken from NGR SJ7185281892

Potential sink – S_64

3.2.148 The potential sink S_64 located east of Daisybank Farm, Winterbottom Lane (at NGR SJ7128281923). A baseline desk study and field survey have been undertaken.

3.2.149 A summary of the baseline condition of the potential sink S_64, together with some example photographs, are provided in Table 153.

3.2.150 Based on the evidence from the baseline assessment the potential sink S_64 has not been screened in to support the WFD preliminary assessment.

Table 153: Summary of baseline condition of potential sink S_64

Description of feature	Example photograph
This is a culvert passing under Winterbottom Lane, not a groundwater feature	 Photograph taken from NGR SJ7128281923

Potential spring – S_65

3.2.151 The potential spring S_65 located 360m west of Goodiersgreen Farm, Hoogreen Lane (at NGR SJ7160182117). A baseline desk study and field survey have been undertaken.

3.2.152 A summary of the baseline condition of the potential spring S_65, together with some example photographs, are provided in Table 154.

3.2.153 Based on the evidence from the baseline assessment the potential spring S_65 has not been screened in to support the WFD preliminary assessment.

Table 154: Summary of baseline condition of potential spring S_65

Description of feature	Example photograph
Dry ditch was located during both field surveys. This is a land drainage feature. No evidence of groundwater dependency or wetland habitat	 Photograph taken from NGR SJ7160182117

Spring – S_66

3.2.154 The spring S_66 is located at Belt Wood north (at NGR SJ7189482216). A baseline desk study and field survey have been undertaken.

3.2.155 A summary of the baseline condition of the spring S_66, together with some example photographs, are provided in Table 155.

3.2.156 Based on the evidence from the baseline assessment the spring S_66 has been screened in to support the WFD preliminary assessment.

Table 155: Summary of baseline condition of spring S_66

Description of feature	Example photograph
Spring feeding into channel that is composed of sandy soil with fluvial deposition features in comparison with surrounding ditches which are manmade and are muddy with a sulphur odour when disturbed. The water in the stream is fast flowing despite shallow gradient and is clear. At the source, the stream is deeper and forming a localised pool. No pipe was observed at the site during either field survey.	 Photograph taken from NGR SJ7189482216

Potential sink – S_67

3.2.157 The potential sink S_67 located 175m south of Hoo Green (at NGR SJ7174082386). A baseline desk study and field survey have been undertaken.

3.2.158 A summary of the baseline condition of the potential sink S_67, together with some example photographs, are provided in Table 156.

3.2.159 Based on the evidence from the baseline assessment the potential sink S_67 has not been screened in to support the WFD preliminary assessment.

Table 156: Summary of baseline condition of potential sink S_67

Description of feature	Example photographs
Culvert – not a groundwater feature	No photographs available from site visit

Potential spring – S_68

3.2.160 The potential spring S_68 located at Hoo Green Lane, 200m south-west of Hoo Green (at NGR SJ7155882477). A baseline desk study and field survey have been undertaken.

3.2.161 A summary of the baseline condition of the potential spring S_68, together with some example photographs, are provided in Table 157.

3.2.162 Based on the evidence from the baseline assessment the potential spring S_68 has not been screened in to support the WFD preliminary assessment.

Table 157: Summary of baseline condition of potential spring S_68

Description of feature	Example photograph
Land drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ7155882477

Potential spring – S_69

3.2.163 The potential spring S_69 located 250m south-west of Yew-Tree Farm, A50 (at NGR SJ7102482908). A baseline desk study and field survey have been undertaken.

3.2.164 A summary of the baseline condition of the potential spring S_69, together with some example photographs, are provided in Table 158.

3.2.165 Based on the evidence from the baseline assessment the potential spring S_69 has not been screened in to support the WFD preliminary assessment.

Table 158: Summary of baseline condition of potential spring S_69

Description of feature	Example photograph
This is part of a series of ditches located around the edge of the agricultural land. Not supporting any significant habitat. This is a land drainage feature, not a groundwater feature.	 Photograph taken from NGR SJ7102482908

Potential spring – S_70

3.2.166 The potential spring S_70 located at Dobb Lane, Yew-Tree Farm, A50 (at NGR SJ7121982941). A baseline desk study and field survey have been undertaken.

3.2.167 A summary of the baseline condition of the potential spring S_70, together with some example photographs, are provided in Table 159.

3.2.168 Based on the evidence from the baseline assessment the potential spring S_70 has been screened in to support the WFD preliminary assessment.

Table 159: Summary of baseline condition of potential spring S_70

Description of feature	Example photograph
A land drainage outfall was identified at the site. The pipe discharges into a drainage ditch and a flow from the pipe was observed on site work. Some reeds were found immediately upstream of culvert. This site has been classed as groundwater dependent; it is a moderate value receptor.	 Photograph taken from NGR SJ7121982941

Potential spring – S_71

3.2.169 The potential spring S_71 located at Park Farm, Ditchfield Lane (at NGR SJ7076983151). A baseline desk study and field survey have been undertaken.

3.2.170 A summary of the baseline condition of the potential spring S_71, together with some example photographs, are provided in Table 160.

3.2.171 Based on the evidence from the baseline assessment the potential spring S_71 has not been screened in to support the WFD preliminary assessment.

Table 160: Summary of baseline condition of potential spring S_71

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7076983151

Potential spring – S_72a

3.2.172 The potential spring S_72a located at Wrenshot House, Wrenshot Lane (at NGR SJ7145083461). A baseline desk study and field survey have been undertaken.

3.2.173 A summary of the baseline condition of the potential spring S_72a, together with some example photographs, are provided in Table 161.

3.2.174 Based on the evidence from the baseline assessment the potential spring S_72a has been screened in to support the WFD preliminary assessment.

Table 161: Summary of baseline condition of potential spring S_72a

Description of feature	Example photograph
No obvious wetland habitat identified. The nature of the feature is uncertain due to access constraints and overgrown vegetation. The watercourse appears to start at roadside but not obvious if natural spring or culvert outfall as overgrown by hedge.	 Photograph taken from NGR SJ7145083461

GWDTE – G_72b

3.2.175 The GWDTE G_72b is located at Park Covert (at NGR SJ7112883547). A baseline desk study has been undertaken.

3.2.176 Based on the evidence from the baseline assessment the GWDTE G_72b has been screened in to support the WFD preliminary assessment.

Potential spring – S_73

3.2.177 The potential spring S_73 located at 360m north of Wrenshot House, Wrenshot Lane (at NGR SJ7158983894). A baseline desk study and field survey have been undertaken.

3.2.178 A summary of the baseline condition of the potential spring S_73, together with some example photographs, are provided in Table 162.

3.2.179 Based on the evidence from the baseline assessment the potential spring S_73 has been screened in to support the WFD preliminary assessment.

Table 162: Summary of baseline condition of potential spring S_73

Description of feature	Example photograph
The source of watercourse is piped land drainage outfall supporting useful habitat. Several nearby ponds but it is deemed unlikely that these are supported by groundwater.	 Photograph taken from NGR SJ7158983894

Potential spring – S_74

3.2.180 The potential spring S_74 located 200m south of Middlemoss Farm, Agden Lane (at NGR SJ7167484667). A baseline desk study and field survey have been undertaken.

3.2.181 A summary of the baseline condition of the potential spring S_74, together with some example photographs, are provided in Table 163.

3.2.182 Based on the evidence from the baseline assessment the potential spring S_74 has not been screened in to support the WFD preliminary assessment.

Table 163: Summary of baseline condition of potential spring S_74

Description of feature	Example photographs
Surveys located a shallow, dry ditch with no wetland ecology. Land drainage outfall located across field at NGR SJ7187284566. This is a land drainage feature – not a groundwater feature.	  Photographs taken from NGR SJ7167484667

Potential spring – S_77

3.2.183 The potential spring S_77 is located at Bowdon roundabout (at NGR SJ7435885868). A baseline desk study has been undertaken.

3.2.184 Based on the evidence from the baseline assessment the potential spring S_77 has been screened in to support the WFD preliminary assessment.

Potential spring – S_78

3.2.185 The potential spring S_78 is located 25m north-east of The Meadows, Spodegreen Lane (at NGR SJ7330285954). A baseline desk study has been undertaken.

3.2.186 Based on the evidence from the baseline assessment the potential spring S_78 has been screened in to support the WFD preliminary assessment.

Potential spring – S_80

3.2.187 The potential spring S_80 located at Bridgewater Canal, north of Agden Brook Farm (at NGR SJ7190786612). A baseline desk study and field survey have been undertaken.

3.2.188 A summary of the baseline condition of the potential spring S_80, together with some example photographs, are provided in Table 164.

3.2.189 Based on the evidence from the baseline assessment the potential spring S_80 has not been screened in to support the WFD preliminary assessment.

Table 164: Summary of baseline condition of potential spring S_80

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7190786612

Potential spring – S_81

3.2.190 The potential spring S_81 located at Spring Lane, north of Agden Bridge Farm (at NGR SJ7168886873). A baseline desk study and field survey have been undertaken.

3.2.191 A summary of the baseline condition of the potential spring S_81, together with some example photographs, are provided in Table 165.

3.2.192 Based on the evidence from the baseline assessment the potential spring S_81 has not been screened in to support the WFD preliminary assessment.

Table 165: Summary of baseline condition of potential spring S_81

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7168886873

Potential sink – S_82

3.2.193 The potential sink S_82 located 120m north of Woolstencroft Farm (at NGR SJ7188387156). A baseline desk study and field survey have been undertaken.

3.2.194 A summary of the baseline condition of the potential sink S_82, together with some example photographs, are provided in Table 166.

3.2.195 Based on the evidence from the baseline assessment the potential sink S_82 has not been screened in to support the WFD preliminary assessment.

Table 166: Summary of baseline condition of potential sink S_82

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7188387156

Potential spring – S_83

3.2.196 The potential spring S_83 located 180m north of Woolstencroft Farm (at NGR SJ7190187228). A baseline desk study and field survey have been undertaken.

3.2.197 A summary of the baseline condition of the potential spring S_83, together with some example photographs, are provided in Table 167.

3.2.198 Based on the evidence from the baseline assessment the potential spring S_83 has not been screened in to support the WFD preliminary assessment.

Table 167: Summary of baseline condition of potential spring S_83

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7190187228

GWDTE – G_84

3.2.199 The GWDTE G_84 located at Woolstencroft Farm Meadow (at NGR SJ7188687494). A baseline desk study and field survey have been undertaken.

3.2.200 A summary of the baseline condition of the GWDTE G_84, together with some example photographs, are provided in Table 168.

3.2.201 Based on the evidence from the baseline assessment the GWDTE G_84 has been screened in to support the WFD preliminary assessment.

Table 168: Summary of baseline condition of GWDTE G_84

Description of feature	Example photograph
A small stream was located in the meadow which is connected to Agden Brook. Wetland vegetation found around pools and within boggy marshy grassland. The habitat is likely to be partially groundwater dependent due to the damp habitat communities present. The habitat is a favourable habitat.	 Photograph taken from NGR SJ7188687494

Potential sink – S_85

3.2.202 The potential sink S_85 located 440m north of Woolstencroft Farm (at NGR SJ7196587528). A baseline desk study and field survey have been undertaken. The DRN indicates this feature is a culvert.

3.2.203 A summary of the baseline condition of the potential sink S_85, together with some example photographs, are provided in Table 169.

3.2.204 Based on the evidence from the baseline assessment the potential sink S_85 has not been screened in to support the WFD preliminary assessment.

Table 169: Summary of baseline condition of potential sink S_85

Description of feature	Example photograph
Site visits have shown that this is not a groundwater feature. DRN indicates this is a culvert, not a groundwater feature.	 Photograph taken from NGR SJ7196587528

Potential spring – S_86

3.2.205 The potential spring S_86 located near Agden Brow Caravan Park/Broomedge Farm (at NGR SJ7084286053). A baseline desk study and field survey have been undertaken.

3.2.206 A summary of the baseline condition of the potential spring S_86, together with some example photographs, are provided in Table 170.

3.2.207 Based on the evidence from the baseline assessment the potential spring S_86 has not been screened in to support the WFD preliminary assessment.

Table 170: Summary of baseline condition of potential spring S_86

Description of feature	Example photographs
Surveys confirmed this is a culvert/drain taking water from the large pond – not a groundwater feature	  Photographs taken from NGR SJ7084286053

Potential spring – S_87

3.2.208 The potential spring S_87 located 50m west of Agden Bridge, Bridgewater Canal (at NGR SJ7153086633). A baseline desk study and field survey have been undertaken.

3.2.209 A summary of the baseline condition of the potential spring S_87, together with some example photographs, are provided in Table 171.

3.2.210 Based on the evidence from the baseline assessment the potential spring S_87 has not been screened in to support the WFD preliminary assessment.

Table 171: Summary of baseline condition of potential spring S_87

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7153086633.

Potential spring – S_90

3.2.211 The potential spring S_90 is located at Oak Villa Farm (at NGR SJ7045487445). A baseline desk study and field survey have been undertaken.

3.2.212 A summary of the baseline condition of the potential spring S_90, together with some example photographs, are provided in Table 172.

3.2.213 Based on the evidence from the baseline assessment the potential spring S_90 has not been screened in to support the WFD preliminary assessment.

Table 172: Summary of baseline condition of potential spring S_90

Description of feature	Example photograph
Land drainage outfall discharging into ditch alongside roadside. OS maps show the outfall is discharging into Helsdale Brook. Local knowledge informed surveyors there is a spring located at Spring Farm (50m east of land drainage outfall) however this is not shown on OS maps nor was it located during survey.	 Photograph taken from NGR SJ7045487445

Potential spring – S_91

3.2.214 The potential spring S_91 located near Bradshaw Lane, 230m east of Gailey Wood (at NGR SJ7096787532). A baseline desk study and field survey have been undertaken.

3.2.215 A summary of the baseline condition of the potential spring S_91, together with some example photographs, are provided in Table 173.

3.2.216 Based on the evidence from the baseline assessment the potential spring S_91 has not been screened in to support the WFD preliminary assessment.

Table 173: Summary of baseline condition of potential spring S_91

Description of feature	Example photograph
Brick culvert drainage outfall. During survey, there was a strong smell of hydrogen sulphide, black staining of vegetation and white film deposit on water surface suggests possible pollution or misconnection to a sewer. This feature is not considered a groundwater feature.	

Description of feature	Example photograph
	Photograph taken from NGR SJ7096787532

GWDTE – G_94

3.2.217 The GWDTE G_94 is located at Heatley Lake (at NGR SJ7018388048). A baseline desk study has been undertaken.

3.2.218 Based on the evidence from the baseline assessment the GWDTE G_94 has been screened in to support the WFD preliminary assessment.

Potential sink – S_96

3.2.219 The potential sink S_96 located near Lower Carr Green Farm, south of cycle track (at NGR SJ7121888333). A baseline desk study and field survey have been undertaken.

3.2.220 A summary of the baseline condition of the potential sink S_96, together with some example photographs, are provided in Table 174.

3.2.221 Based on the evidence from the baseline assessment the potential sink S_96 has not been screened in to support the WFD preliminary assessment.

Table 174: Summary of baseline condition of potential sink S_96

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7121888333

Potential spring – S_98

3.2.222 The potential spring S_98 located to the north-east of Fox Covert, Heatley (at NGR SJ7092288706). A baseline desk study and field survey have been undertaken.

3.2.223 A summary of the baseline condition of the potential spring S_98, together with some example photographs, are provided in Table 175.

3.2.224 Based on the evidence from the baseline assessment the potential spring S_98 has not been screened in to support the WFD preliminary assessment.

Table 175: Summary of baseline condition of potential spring S_98

Description of feature	Example photograph
Field drainage outfall discharging into a ditch which connects to the drainage ditches running through Fox Covert. The ditch is very deep and steep sided, fields slope shallowly towards the ditch.	No photographs available from site visit

Potential spring – S_99

3.2.225 The potential spring S_99 is located at Warburton Bridge (at NGR SJ7023288773). A baseline desk study and field survey have been undertaken.

3.2.226 A summary of the baseline condition of the potential spring S_99, together with some example photographs, are provided in Table 176.

3.2.227 Based on the evidence from the baseline assessment the potential spring S_99 has not been screened in to support the WFD preliminary assessment.

Table 176: Summary of baseline condition of potential spring S_99

Description of feature	Example photograph
Drainage outfall with constructed brick opening flowing into the River Bollin. The outfall is contributing minimal flow compared to the flow of the River Bollin. Channel is constructed – it is a deep, manmade channel with bricks along the base alongside a bridge over the River Bollin. The watermark in the channel is much higher than current water level suggesting the flow changes seasonally, likely in response to rainfall. Also, likely some contribution from the road drainage network.	 Photograph taken from NGR SJ7023288773

Potential spring – S_100

3.2.228 The potential spring S_100 is located at Moss Cottage, Mossbrow (at NGR SJ7148089075). A baseline desk study and field survey have been undertaken.

3.2.229 A summary of the baseline condition of the potential spring S_100, together with some example photographs, are provided in Table 177.

3.2.230 Based on the evidence from the baseline assessment the potential spring S_100 has not been screened in to support the WFD preliminary assessment.

Table 177: Summary of baseline condition of potential spring S_100

Description of feature	Example photograph
No feature identified at site of potential spring. No habitat other than marginal habitat on edge of field – not a groundwater feature	 Photograph taken from NGR SJ7148089075

Potential sink – S_101

3.2.231 The potential sink S_101 located near Villa Farm, Mossbrow (at NGR SJ7102789469). A baseline desk study and field survey have been undertaken.

3.2.232 A summary of the baseline condition of the potential sink S_101, together with some example photographs, are provided in Table 178.

3.2.233 Based on the evidence from the baseline assessment the potential sink S_101 has not been screened in to support the WFD preliminary assessment.

Table 178: Summary of baseline condition of potential sink S_101

Description of feature	Example photographs
Culvert – not a groundwater feature Some wetland indicator species found in a downstream field, but not suggestive of a favourable wetland habitat.	

Description of feature	Example photographs
	 Photographs taken from NGR SJ7102789469

Potential spring – S_102

3.2.234 The potential spring S_102 located near West Cottage, Park Road, Warburton (at NGR SJ7014589971). A baseline desk study and field survey have been undertaken.

3.2.235 A summary of the baseline condition of the potential spring S_102, together with some example photographs, are provided in Table 179.

3.2.236 Based on the evidence from the baseline assessment the potential spring S_102 has not been screened in to support the WFD preliminary assessment.

Table 179: Summary of baseline condition of potential spring S_102

Description of feature	Example photograph
Culvert beneath a road – not a groundwater feature. The channel ultimately discharges to Manchester Ship Canal.	 Photograph taken from NGR SJ7014589971

Potential spring – S_106

3.2.237 The potential spring S_106 is located at Milverton Farm, Dam Lane (at NGR SJ6823892314). A baseline desk study and field survey have been undertaken.

3.2.238 A summary of the baseline condition of the potential spring S_106, together with some example photographs, are provided in Table 180.

3.2.239 Based on the evidence from the baseline assessment the potential spring S_106 has not been screened in to support the WFD preliminary assessment.

Table 180: Summary of baseline condition of potential spring S_106

Description of feature	Example photograph
Culverted drainage outfall from underneath field with parked caravans. Possibly flowing from the farmhouse/outbuildings. OS maps show outfall discharges into Tributary of Glaze Brook 1.	 Photograph taken from NGR SJ6823892314

Potential spring – S_107

3.2.240 The potential spring S_107 located 170m south of Church Farm, Glazebrook Moss (at NGR SJ6862292650). A baseline desk study and field survey have been undertaken.

3.2.241 A summary of the baseline condition of the potential spring S_107, together with some example photographs, are provided in Table 181.

3.2.242 Based on the evidence from the baseline assessment the potential spring S_107 has not been screened in to support the WFD preliminary assessment.

Table 181: Summary of baseline condition of potential spring S_107

Description of feature	Example photographs
The feature was identified as land drainage issuing from flat agricultural fields into a drainage ditch. The ditch connects to the Tributary of Glazebrook 1. The ditch was found to only be wet in parts suggesting it receives overland flow from the fields due to poor infiltration through the peat.	No photographs available from site visit

Description of feature	Example photographs
No evidence of significant wetland habitat supported by this feature	

Potential spring – S_108

3.2.243 The potential spring S_108 located south of Church Farm, Glazebrook Moss (at NGR SJ6852092755). A baseline desk study and field survey have been undertaken.

3.2.244 A summary of the baseline condition of the potential spring S_108, together with some example photographs, are provided in Table 182.

3.2.245 Based on the evidence from the baseline assessment the potential spring S_108 has not been screened in to support the WFD preliminary assessment.

Table 182: Summary of baseline condition of potential spring S_108

Description of feature	Example photographs
The feature was identified as land drainage issuing from flat agricultural fields into a drainage ditch. The ditch connects to the Tributary of Glazebrook 1. The ditch was found to only be wet in parts suggesting it receives overland flow from the fields due to poor infiltration through the peat. No evidence of significant wetland habitat supported by this feature	No photographs available from site visit

Potential spring – S_109

3.2.246 The potential spring S_109 is located 370m east of New Hall Farm, Birchwood (at NGR SJ6778492407). A baseline desk study and field survey have been undertaken.

3.2.247 A summary of the baseline condition of the potential spring S_109, together with some example photographs, are provided in Table 183.

3.2.248 Based on the evidence from the baseline assessment the potential spring S_109 has not been screened in to support the WFD preliminary assessment.

Table 183: Summary of baseline condition of potential spring S_109

Description of feature	Example photograph
Land drainage which is culverted underneath a farm track	 Photograph taken from NGR SJ6778492407

GWDTE – G_110

3.2.249 The GWDTE G_110 located near Pestfurlong Moss (at NGR SJ6709592938). A baseline desk study and field survey have been undertaken.

3.2.250 A summary of the baseline condition of the GWDTE G_110, together with some example photographs, are provided in Table 184.

3.2.251 Based on the evidence from the baseline assessment the GWDTE G_110 has been screened in to support the WFD preliminary assessment.

Table 184: Summary of baseline condition of GWDTE G_110

Description of feature	Example photograph
Survey could not establish the groundwater dependency of this habitat. The soil is very peaty soil but did not appear particularly damp. Revisit survey is required but is prevented due to land access issues. As such, this is assumed to be a High value receptor until confirmed otherwise.	 Photograph taken from NGR SJ6709592938

Unlicensed abstraction – Uab_115a

3.2.252 The unlicensed abstraction Uab_115a is located west of Lower House Farm (at NGR SJ7762983318). A baseline desk study has been undertaken.

3.2.253 Based on the evidence from the baseline assessment the unlicensed abstraction Uab_115a has not been screened in to support the WFD preliminary assessment.

Unlicensed abstraction – Uab_115c

3.2.254 The unlicensed abstraction Uab_115c is located at Mobberley Road (at NGR SJ7733983313). A baseline desk study has been undertaken.

3.2.255 Based on the evidence from the baseline assessment the unlicensed abstraction Uab_115c has been screened in to support the WFD preliminary assessment.

Unlicensed abstraction – Uab_115d

3.2.256 The unlicensed abstraction Uab_115d is located at Arden House (at NGR SJ7686083773). A baseline desk study has been undertaken.

3.2.257 Based on the evidence from the baseline assessment the unlicensed abstraction Uab_115d has been screened in to support the WFD preliminary assessment.

Potential spring – S_116b

3.2.258 The potential spring S_116b is located at Bucklow Hill (at NGR SJ7318383162). A baseline desk study and field survey have been undertaken.

3.2.259 A summary of the baseline condition of the potential spring S_116b, together with some example photographs, are provided in Table 185.

3.2.260 Based on the evidence from the baseline assessment the potential spring S_116b has been screened in to support the WFD preliminary assessment.

Table 185: Summary of baseline condition of potential spring S_116b

Description of feature	Example photograph
Surveys were unable to identify a groundwater feature at the site. No habitat other than a maintained hedgerow on edge of field. The potential spring possibly feeds into Rostherne Mere so has been assumed to be a spring on a precautionary basis.	 Photograph taken from NGR SJ7318383162

Potential spring – S_116c

3.2.261 The potential spring S_116c is located at east of Chester Road (at NGR SJ7327883552). A baseline desk study has been undertaken.

3.2.262 Based on the evidence from the baseline assessment the potential spring S_116c has been screened in to support the WFD preliminary assessment.

GWDTE – G_117

3.2.263 The GWDTE G_117 is located at Bollin Oxbow at Castle Hill (at NGR SJ8000183617). A baseline desk study has been undertaken.

3.2.264 Based on the evidence from the baseline assessment the GWDTE G_117 has been screened in to support the WFD preliminary assessment.

Potential spring – S_118

3.2.265 The potential spring S_118 is located at Ecclesfield Wood (at NGR SJ7826083708). A baseline desk study has been undertaken.

3.2.266 Based on the evidence from the baseline assessment the potential spring S_118 has been screened in to support the WFD preliminary assessment.

GWDTE – G_119

3.2.267 The GWDTE G_119 is located at Ecclesfield Wood (at NGR SJ7809683729). A baseline desk study has been undertaken.

3.2.268 Based on the evidence from the baseline assessment the GWDTE G_119 has been screened in to support the WFD preliminary assessment.

Potential spring – S_126

3.2.269 The potential spring S_126 located at Lamb Lane, west of Stock Farm (at NGR SJ7675984039). A baseline desk study and field survey have been undertaken.

3.2.270 A summary of the baseline condition of the potential spring S_126, together with some example photographs, are provided in Table 186.

3.2.271 Based on the evidence from the baseline assessment the potential spring S_126 has not been screened in to support the WFD preliminary assessment.

Table 186: Summary of baseline condition of potential spring S_126

Description of feature	Example photograph
Land drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ7675984039

Potential spring – S_127

3.2.272 The potential spring S_127 is located at Cotteril Clough nature reserve (at NGR SJ8043684044). A baseline desk study and field survey have been undertaken.

3.2.273 A summary of the baseline condition of the potential spring S_127, together with some example photographs, are provided in Table 187.

3.2.274 Based on the evidence from the baseline assessment the potential spring S_127 has not been screened in to support the WFD preliminary assessment.

Table 187: Summary of baseline condition of potential spring S_127

Description of feature	Example photograph
Land drainage channel – not a groundwater feature	 Photograph taken from NGR SJ8043684044

Potential spring – S_129

3.2.275 The potential spring S_129 is located at Sunbank Wood east, 267m north of Memorial Stone (at NGR SJ8018284061). A baseline desk study and field survey have been undertaken.

3.2.276 A summary of the baseline condition of the potential spring S_129, together with some example photographs, are provided in Table 188.

3.2.277 Based on the evidence from the baseline assessment the potential spring S_129 has not been screened in to support the WFD preliminary assessment.

Table 188: Summary of baseline condition of potential spring S_129

Description of feature	Example photograph
Land drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ8018284061

Spring – S_130

3.2.278 The spring S_130 is located 130m south-east of Pigleystair Bridge, River Bollin (at NGR SJ7961684063). A baseline desk study and field survey have been undertaken.

3.2.279 A summary of the baseline condition of the spring S_130, together with some example photographs, are provided in Table 189.

3.2.280 Based on the evidence from the baseline assessment the spring S_130 has been screened in to support the WFD preliminary assessment.

Table 189: Summary of baseline condition of spring S_130

Description of feature	Example photograph
Survey shows there is both a spring and drainage outfall at this location. Revisit survey noted that the watercourse was dry hence this is likely a seasonal spring.	  Photographs taken from NGR SJ7961684063

Spring – S_131

3.2.281 The spring S_131 located 115m south-east of Pigleystair Bridge, River Bollin (at NGR SJ7960284071). A baseline desk study and field survey have been undertaken.

3.2.282 A summary of the baseline condition of the spring S_131, together with some example photographs, are provided in Table 190.

3.2.283 Based on the evidence from the baseline assessment the spring S_131 has been screened in to support the WFD preliminary assessment.

Table 190: Summary of baseline condition of spring S_131

Description of feature	Example photograph
Spring discharging to small tributary of the River Bollin. Revisit survey noted that the watercourse was dry hence this is likely a seasonal spring.	 Photograph taken from NGR SJ7960284071

Potential spring – S_133

3.2.284 The potential spring S_133 is located at Harpers Bank Wood, 216m east of Hunters Moon, Rostherne Lane (at NGR SJ7387884129). A baseline desk study has been undertaken.

3.2.285 Based on the evidence from the baseline assessment the potential spring S_133 has been screened in to support the WFD preliminary assessment.

Spring – S_134

3.2.286 The spring S_134 located Pigleystair Bridge, River Bollin (at NGR SJ7955084161). A baseline desk study and field survey have been undertaken.

3.2.287 A summary of the baseline condition of the spring S_134, together with some example photographs, are provided in Table 191.

3.2.288 Based on the evidence from the baseline assessment the spring S_134 has been screened in to support the WFD preliminary assessment.

Table 191: Summary of baseline condition of spring S_134

Description of feature	Example photograph
Surveys identified wetland ecology (mosses and Yorkshire fog) at site with a dry channel downslope of the spring. No flow identified from spring at time of survey hence this is likely a seasonal spring. Spring was also identified during a different survey. Buried pipe was also located which may be connected to land drainage system.	  Photograph taken from NGR SJ7955084161

Potential spring – S_135

3.2.289 The potential spring S_135 is located at Hunters Moon, Rostherne Lane (at NGR SJ7371884187). A baseline desk study has been undertaken.

3.2.290 Based on the evidence from the baseline assessment the potential spring S_135 has been screened in to support the WFD preliminary assessment.

Potential spring – S_136

3.2.291 The potential spring S_136 is located at Hunters Moon, Rostherne Lane (at NGR SJ7372384194). A baseline desk study has been undertaken.

3.2.292 Based on the evidence from the baseline assessment the potential spring S_136 has been screened in to support the WFD preliminary assessment.

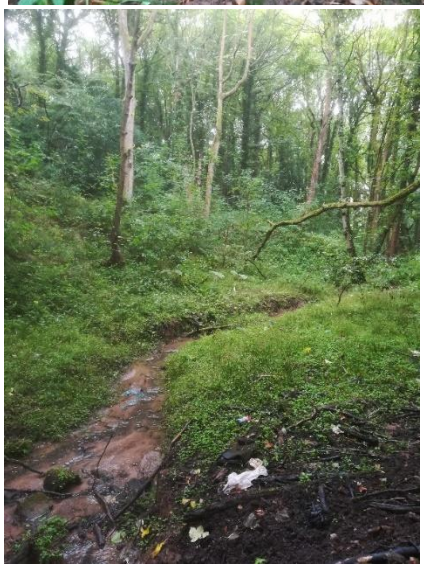
GWDTE – G_137

3.2.293 The GWDTE G_137 is located at Sunbank Wood and Ponds (including Bollin Bank Ancient Woodland) (at NGR SJ8001984203). A baseline desk study and field survey have been undertaken.

3.2.294 A summary of the baseline condition of the GWDTE G_137, together with some example photographs, are provided in Table 192.

3.2.295 Based on the evidence from the baseline assessment the GWDTE G_137 has been screened in to support the WFD preliminary assessment.

Table 192: Summary of baseline condition of GWDTE G_137

Description of feature	Example photographs
No evidence of wetland but streams located which are supported by springs. Wetland vegetation found adjacent to ponds. This suggests that the woodland is at least partially dependent on groundwater.	  Photographs taken from NGR SJ8001984203

Potential spring – S_138

3.2.296 The potential spring S_138 is located in Harpers Bank Wood (at NGR SJ7398584221). A baseline desk study has been undertaken.

3.2.297 Based on the evidence from the baseline assessment the potential spring S_138 has been screened in to support the WFD preliminary assessment.

Potential spring – S_139

3.2.298 The potential spring S_139 is located 222m west of Pigleystair Bridge, River Bollin (at NGR SJ7933484225). A baseline desk study has been undertaken.

3.2.299 Based on the evidence from the baseline assessment the potential spring S_139 has been screened in to support the WFD preliminary assessment.

Potential spring – S_140

3.2.300 The potential spring S_140 is located 110m west of telecommunication mast at Castle Mill Lane (at NGR SJ7845384335). A baseline desk study and field survey have been undertaken.

3.2.301 A summary of the baseline condition of the potential spring S_140, together with some example photographs, are provided in Table 193.

3.2.302 Based on the evidence from the baseline assessment the potential spring S_140 has not been screened in to support the WFD preliminary assessment.

Table 193: Summary of baseline condition of potential spring S_140

Description of feature	Example photograph
Land drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ7845384335

GWDTE – G_141

3.2.303 The GWDTE G_141 is located at Jackson's Bank East (at NGR SJ7846084344). A baseline desk study and field survey have been undertaken.

3.2.304 A summary of the baseline condition of the GWDTE G_141, together with some example photographs, are provided in Table 194.

3.2.305 Based on the evidence from the baseline assessment the GWDTE G_141 has not been screened in to support the WFD preliminary assessment.

Table 194: Summary of baseline condition of GWDTE G_141

Description of feature	Example photograph
Not a groundwater dependent habitat. Woodland consists of several piped, deep drainage ditches discharging into the River Bollin. Ground level is relatively flat and the large closed depression in the north of the habitat was dry; a groundwater collect would be expected here if the habitat was groundwater dependent.	 Photograph taken from NGR SJ7846084344

Potential spring – S_142

3.2.306 The potential spring S_142 is located at Sunbank Wood, 400m east of Halebank Farm (at NGR SJ8024384344). A baseline desk study and field survey have been undertaken.

3.2.307 A summary of the baseline condition of the potential spring S_142, together with some example photographs, are provided in Table 195.

3.2.308 Based on the evidence from the baseline assessment the potential spring S_142 has not been screened in to support the WFD preliminary assessment.

Table 195: Summary of baseline condition of potential spring S_142

Description of feature	Example photograph
Land drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ8024384344

Potential spring – S_143

3.2.309 The potential spring S_143 located 115m north-west of telecommunication mast at Castle Mill Lane (at NGR SJ7850484410). A baseline desk study and field survey have been undertaken.

3.2.310 A summary of the baseline condition of the potential spring S_143, together with some example photographs, are provided in Table 196.

3.2.311 Based on the evidence from the baseline assessment the potential spring S_143 has not been screened in to support the WFD preliminary assessment.

Table 196: Summary of baseline condition of potential spring S_143

Description of feature	Example photograph
Land drainage outfall – not a groundwater feature No obvious wetland habitat	 Photograph taken from NGR SJ7850484410

Potential spring – S_144a

3.2.312 The potential spring S_144a is located 75m north of Lower Thornsgreen Farm (at NGR SJ7903884439). A baseline desk study and field survey have been undertaken.

3.2.313 A summary of the baseline condition of the potential spring S_144a, together with some example photographs, are provided in Table 197.

3.2.314 Based on the evidence from the baseline assessment the potential spring S_144a has not been screened in to support the WFD preliminary assessment.

Table 197: Summary of baseline condition of potential spring S_144a

Description of feature	Example photographs
Land drainage channel feeding into dug-out ditch was located at the site of the potential spring. A second piped land drainage outfall (not shown on OS maps) was identified 50m downstream of the potential spring. No wetland habitat.	

Description of feature	Example photographs
	 Photographs taken from NGR SJ7903884439

Spring – S_144b

3.2.315 The spring S_144b is located 90m north of Lower Thornsgreen Farm (at NGR SJ7905584438). A baseline desk study and field survey have been undertaken.

3.2.316 A summary of the baseline condition of the spring S_144b, together with some example photographs, are provided in Table 198.

3.2.317 Based on the evidence from the baseline assessment the spring S_144b has been screened in to support the WFD preliminary assessment.

Table 198: Summary of baseline condition of spring S_144b

Description of feature	Example photograph
A spring was located during field survey of potential spring S_144a. There is a brick and slab near the spring however, this has collapsed and been infilled with sediment. When soil was dug away, water seeped out slowly. Natural channel downstream of spring differs from the dug-out channels of the land drains and a few ferns were located around the spring.	 Photograph taken from NGR SJ7905584438

GWDTE – G_145a

3.2.318 The GWDTE G_145a is located at Brickhill Wood (at NGR SJ7910883633). A baseline desk study and field survey have been undertaken.

3.2.319 A summary of the baseline condition of the GWDTE G_145a, together with some example photographs, are provided in Table 199.

3.2.320 Based on the evidence from the baseline assessment the GWDTE G_145a has been screened in to support the WFD preliminary assessment.

Table 199: Summary of baseline condition of GWDTE G_145a

Description of feature	Example photographs
Partial surveys showed the habitat is not groundwater dependent. Drainage ditch located around edge of habitat and stagnant watercourse within the woodland. However, full access was not available so further surveys are required to confirm the nature of this habitat. As such, Brickhill Wood is assumed to be a groundwater dependent habitat on a precautionary basis until further surveys can be completed.	  Photographs taken from NGR SJ7910883633

GWDTE – G_145b

3.2.321 The GWDTE G_145b is located at Mill Wood, Castle Mill (at NGR SJ7979283924). A baseline desk study and field survey have been undertaken.

3.2.322 A summary of the baseline condition of the GWDTE G_145b, together with some example photographs, are provided in Table 200.

3.2.323 Based on the evidence from the baseline assessment the GWDTE G_145b has been screened in to support the WFD preliminary assessment.

Table 200: Summary of baseline condition of GWDTE G_145b

Description of feature	Example photograph
Habitat located on bank of River Bollin dominated by trees and other water dependent ecology. Habitat will receive runoff from agricultural land. The habitat is also partially groundwater dependent land, with contribution from springs, as several springs identified in close proximity to this habitat. Some areas of replanting observed alongside Mill Lane.	 Photograph taken from NGR SJ7979283924

GWDTE – G_145c

3.2.324 The GWDTE G_145c is located near the Wood near Chapel Lane (including Hennersley Bank Ancient Woodland) (at NGR SJ7943884440). A baseline desk study and field survey have been undertaken.

3.2.325 A summary of the baseline condition of the GWDTE G_145c, together with some example photographs, are provided in Table 201.

3.2.326 Based on the evidence from the baseline assessment the GWDTE G_145c has been screened in to support the WFD preliminary assessment.

Table 201: Summary of baseline condition of GWDTE G_145c

Description of feature	Example photograph
Surveys confirmed the habitat is partially groundwater dependent. Several collects were identified and one of the streams is groundwater dependent. Significant overland flow from surrounding fields is also expected to be supporting the habitat.	 Photograph taken from NGR SJ7943884440

GWDTE – G_147

3.2.327 The GWDTE G_147 is located at Ryecroft Covert (at NGR SJ7574684507). A baseline desk study and field survey have been undertaken.

3.2.328 A summary of the baseline condition of the GWDTE G_147, together with some example photographs, are provided in Table 202.

3.2.329 Based on the evidence from the baseline assessment the GWDTE G_147 has been screened in to support the WFD preliminary assessment.

Table 202: Summary of baseline condition of GWDTE G_147

Description of feature	Example photograph
The woodland is dominated by tree species associated with wet woodland, such as willow, alder and silver birch. In addition, the woodland floor contains large pools and is dominated by Indian balsam, which is a weed found in aquatic habitats. Several springs and minor watercourses were identified along with areas of standing water. This area of the site is likely to be partially groundwater dependent.	 Photograph taken from NGR SJ7574684507

GWDTE – G_150

3.2.330 The GWDTE G_150 is located at Hancock's Bank South (including Birkin House) (at NGR SJ7553284560). A baseline desk study and field survey have been undertaken.

3.2.331 A summary of the baseline condition of the GWDTE G_150, together with some example photographs, are provided in Table 203.

3.2.332 Based on the evidence from the baseline assessment the GWDTE G_150 has been screened in to support the WFD preliminary assessment.

Table 203: Summary of baseline condition of GWDTE G_150

Description of feature	Example photograph
Wood in small valley. Access restricted to PROW. As such, a habitat survey required to assess extent and value of habitat.	 Photograph taken from NGR SJ7553284560

Potential spring – S_151

3.2.333 The potential spring S_151 is located at Ryecroft Covert (at NGR SJ7610684563). A baseline desk study and field survey have been undertaken.

3.2.334 A summary of the baseline condition of the potential spring S_151, together with some example photographs, are provided in Table 204.

3.2.335 Based on the evidence from the baseline assessment the potential spring S_151 has not been screened in to support the WFD preliminary assessment.

Table 204: Summary of baseline condition of potential spring S_151

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7610684563

Potential spring – S_155

3.2.336 The potential spring S_155 is located 127m south-east of Keepers Cottage, Sunbank Lane (at NGR SJ8020684632). A baseline desk study has been undertaken.

3.2.337 Based on the evidence from the baseline assessment the potential spring S_155 has been screened in to support the WFD preliminary assessment.

GWDTE – G_156

3.2.338 The GWDTE G_156 is located at Rossmill (at NGR SJ7926084652). A baseline desk study and field survey have been undertaken.

3.2.339 A summary of the baseline condition of the GWDTE G_156, together with some example photographs, are provided in Table 205.

3.2.340 Based on the evidence from the baseline assessment the GWDTE G_156 has not been screened in to support the WFD preliminary assessment.

Table 205: Summary of baseline condition of GWDTE G_156

Description of feature	Example photograph
Habitat is not considered to be groundwater dependent. Several ponds observed within the habitat at base of valley sides at the break in slopes. No evidence these ponds are groundwater collects but likely instead originate from overland flow down valley sides, and the ponds had little marginal habitat. Culverted ditches within the habitat. Some evidence of groundwater flow into the River Bollin so likely groundwater is at depth; no evidence of groundwater geomorphology or dependency away from the River Bollin.	 Photograph taken from NGR SJ7926084652

Spring – S_157

3.2.341 The spring S_157 is located at Keepers Cottage, Sunbank Lane (south) (at NGR SJ8006984653). A baseline desk study and field survey have been undertaken.

3.2.342 A summary of the baseline condition of the spring S_157, together with some example photographs, are provided in Table 206.

3.2.343 Based on the evidence from the baseline assessment the spring S_157 has been screened in to support the WFD preliminary assessment.

Table 206: Summary of baseline condition of spring S_157

Description of feature	Example photograph
This is a spring discharging into Tributary of River Bollin 2 and is supporting wetland habitat.	 Photograph taken from NGR SJ8006984653

Potential spring – S_159

3.2.344 The potential spring S_159 is located 120m east of Keepers Cottage, Sunbank Lane (at NGR SJ8020884661). A baseline desk study has been undertaken.

3.2.345 Based on the evidence from the baseline assessment the potential spring S_159 has been screened in to support the WFD preliminary assessment.

Potential spring – S_160

3.2.346 The potential spring S_160 is located near Keepers Cottage, Sunbank Lane (north) (at NGR SJ8006784668). A baseline desk study and field survey have been undertaken.

3.2.347 A summary of the baseline condition of the potential spring S_160, together with some example photographs, are provided in Table 207.

3.2.348 Based on the evidence from the baseline assessment the potential spring S_160 has been screened in to support the WFD preliminary assessment.

Table 207: Summary of baseline condition of potential spring S_160

Description of feature	Example photographs
Survey could not find evidence of groundwater features however a site revisit is required to confirm the nature of this feature due to difficulties in land access.	No photographs available from site visit

Potential sink – S_161

3.2.349 The potential sink S_161 is located 140m north of River Bollin, M56 subway (at NGR SJ7920584687). A baseline desk study and field survey have been undertaken.

3.2.350 A summary of the baseline condition of the potential sink S_161, together with some example photographs, are provided in Table 208.

3.2.351 Based on the evidence from the baseline assessment the potential sink S_161 has not been screened in to support the WFD preliminary assessment.

Table 208: Summary of baseline condition of potential sink S_161

Description of feature	Example photograph
Surveys could not find any evidence of a sink (as shown on OS maps) at the site. The only feature located was a culvert.	 Photograph taken from NGR SJ7920584687

Potential spring – S_162

3.2.352 The potential spring S_162 is located 70m south of Haslemere Avenue, Hale (at NGR SJ7940484691). A baseline desk study has been undertaken.

3.2.353 Based on the evidence from the baseline assessment the potential spring S_162 has been screened in to support the WFD preliminary assessment.

Potential spring – S_164

3.2.354 The potential spring S_164 is located in woodland, 160m south-west of Haslemere Avenue, Hale (at NGR SJ7923184720). A baseline desk study and field survey have been undertaken.

3.2.355 A summary of the baseline condition of the potential spring S_164, together with some example photographs, are provided in Table 209.

3.2.356 Based on the evidence from the baseline assessment the potential spring S_164 has not been screened in to support the WFD preliminary assessment.

Table 209: Summary of baseline condition of potential spring S_164

Description of feature	Example photograph
Surveys located a small stream flowing down a steep hillside. A small pipe discharges into the stream. This is a land drainage outfall, not a groundwater feature.	 Photograph taken from NGR SJ7923184720

Potential spring – S_165

3.2.357 The potential spring S_165 is located at Jackson's Bank, 35m west of Hale Golf Course south (at NGR SJ7851484727). A baseline desk study has been undertaken.

3.2.358 Based on the evidence from the baseline assessment the potential spring S_165 has been screened in to support the WFD preliminary assessment.

GWDTE – G_166

3.2.359 The GWDTE G_166 is located at Warburton Wood (at NGR SJ7908484743). A baseline desk study and field survey have been undertaken.

3.2.360 A summary of the baseline condition of the GWDTE G_166, together with some example photographs, are provided in Table 210.

3.2.361 Based on the evidence from the baseline assessment the GWDTE G_166 has not been screened in to support the WFD preliminary assessment.

Table 210: Summary of baseline condition of GWDTE G_166

Description of feature	Example photograph
Several ponds observed within the habitat at break in slopes. No evidence that these ponds are groundwater collects but likely instead originate from overland flow down valley sides. The ponds had little marginal habitat. Culverted ditches identified within the habitat. Some evidence of groundwater flow into the River Bollin so likely groundwater flow at depth. The spring 90m west of Halesmere Avenue, Hale, located at the northern edge of the habitat, flows through the habitat into the River Bollin. However, there is little evidence of groundwater geomorphology or dependency away from the River Bollin. Habitat is deemed surface water and groundwater dependent although is scoped out due to the lack of impact pathway for hydrological impact.	 Photograph taken from NGR SJ7908484743

Potential spring – S_167

3.2.362 The potential spring S_167 is located near the River Bollin, 100m east of Hale Golf Course south (at NGR SJ7874684770). A baseline desk study and field survey have been undertaken.

3.2.363 A summary of the baseline condition of the potential spring S_167, together with some example photographs, are provided in Table 211.

3.2.364 Based on the evidence from the baseline assessment the potential spring S_167 has not been screened in to support the WFD preliminary assessment.

Table 211: Summary of baseline condition of potential spring S_167

Description of feature	Example photographs
A culvert was observed during the site visit. No flow observed during the visit. Not a groundwater feature	  Photographs taken from NGR SJ7874684770

Potential sink – S_168

3.2.365 The potential sink S_168 is located at Jackson's Bank, 20m west of Hale Golf Course south (at NGR SJ7852884772). A baseline desk study has been undertaken.

3.2.366 Based on the evidence from the baseline assessment the potential sink S_168 has been screened in to support the WFD preliminary assessment.

GWDTE – G_169

3.2.367 The GWDTE G_169 is located at Hancock's Bank North (at NGR SJ7537184790). A baseline desk study has been undertaken.

3.2.368 Based on the evidence from the baseline assessment the GWDTE G_169 has been screened in to support the WFD preliminary assessment.

GWDTE – G_171

3.2.369 The GWDTE G_171 is located at Rostherne Mere (at NGR SJ7418884914). A baseline desk study and field survey have been undertaken.

3.2.370 A summary of the baseline condition of the GWDTE G_171, together with some example photographs, are provided in Table 212.

3.2.371 Based on the evidence from the baseline assessment the GWDTE G_171 has been screened in to support the WFD preliminary assessment.

Table 212: Summary of baseline condition of GWDTE G_171

Description of feature	Example photograph
Rostherne Mere is supported by the watercourses feeding into the Mere from the catchment. Rostherne Brook provides approximately 80% of the inflow into Rostherne Mere. These streams are determined to be fed by springs hence Rostherne Mere is a groundwater dependent habitat.	 Photograph taken from NGR SJ7418884914

Potential spring – S_172

3.2.372 The potential spring S_172 is located at River Mead Avenue, Hale (at NGR SJ7901584944). A baseline desk study has been undertaken.

3.2.373 Based on the evidence from the baseline assessment the potential spring S_172 has been screened in to support the WFD preliminary assessment.

Spring – S_173

3.2.374 The spring S_173 is located at Carrwood, 45m west of Pump House (at NGR SJ7878884945). A baseline desk study and field survey have been undertaken.

3.2.375 A summary of the baseline condition of the spring S_173, together with some example photographs, are provided in Table 213.

3.2.376 Based on the evidence from the baseline assessment the spring S_173 has been screened in to support the WFD preliminary assessment.

Table 213: Summary of baseline condition of spring S_173

Description of feature	Example photograph
Spring feeding into a small stream flowing straight down steep hillside. The channel is very steep sided, the form suggesting large flows during wet periods. Parts of the channel are culverted.	 Photograph taken from NGR SJ7878884945

Potential spring – S_174

3.2.377 The potential spring S_174 is located at Carrwood, 75m east of Pump House (at NGR SJ7891384966). A baseline desk study has been undertaken.

3.2.378 Based on the evidence from the baseline assessment the potential spring S_174 has been screened in to support the WFD preliminary assessment.

Potential spring – S_177

3.2.379 The potential spring S_177 is located 310m north of Mereside Farm, Chester Road, Millington (at NGR SJ7380485163). A baseline desk study and field survey have been undertaken.

3.2.380 A summary of the baseline condition of the potential spring S_177, together with some example photographs, are provided in Table 214.

3.2.381 Based on the evidence from the baseline assessment the potential spring S_177 has not been screened in to support the WFD preliminary assessment.

Table 214: Summary of baseline condition of potential spring S_177

Description of feature	Example photographs
This is a land drainage outfall, discharging into a culvert passing under the M56 and feeding into Tributary of River Bollin 11.	  Photographs taken from NGR SJ7380485163

GWDTE – G_178

3.2.382 The GWDTE G_178 is located at Yarwood Heath Covert (at NGR SJ7451985190). A baseline desk study and field survey have been undertaken.

3.2.383 A summary of the baseline condition of the GWDTE G_178, together with some example photographs, are provided in Table 215.

3.2.384 Based on the evidence from the baseline assessment the GWDTE G_178 has been screened in to support the WFD preliminary assessment.

Table 215: Summary of baseline condition of GWDTE G_178

Description of feature	Example photograph
Site visit identified a shallow drainage ditch through woodland in a north-south direction through coniferous woodland, terminating in ponds in the south-eastern corner of the woodland. The ditch was shallow and not flowing at the time of survey.	 Photograph taken from NGR SJ7451985190

Potential spring – S_180

3.2.385 The potential spring S_180 is located near Fish House Plantation (at NGR SJ7632285267). A baseline desk study and field survey have been undertaken.

3.2.386 A summary of the baseline condition of the potential spring S_180, together with some example photographs, are provided in Table 216.

3.2.387 Based on the evidence from the baseline assessment the potential spring S_180 has not been screened in to support the WFD preliminary assessment.

Table 216: Summary of baseline condition of potential spring S_180

Description of feature	Example photograph
Site visits identified a pipe in the side of depression. This is a probable land drainage outfall – a concrete manhole cover was located upslope	 Photograph taken from NGR SJ7632285267

Potential spring – S_181

3.2.388 The potential spring S_181 is located 100m west of Bowdon View, Coe Lane (at NGR SJ7326185393). A baseline desk study and field survey have been undertaken.

3.2.389 A summary of the baseline condition of the potential spring S_181, together with some example photographs, are provided in Table 217.

3.2.390 Based on the evidence from the baseline assessment the potential spring S_181 has not been screened in to support the WFD preliminary assessment.

Table 217: Summary of baseline condition of potential spring S_181

Description of feature	Example photograph
This is a land drainage feature with no evidence of wetland habitat or groundwater dependency at the feature. The ditch was dry during the field survey however likely supports overland flow during high precipitation events. Not a groundwater feature.	 Photograph taken from NGR SJ7326185393

Potential spring – S_182

3.2.391 The potential spring S_182 is located at hotel on Hasty Lane (at NGR SJ8031185440). A baseline desk study has been undertaken.

3.2.392 Based on the evidence from the baseline assessment the potential spring S_182 has been screened in to support the WFD preliminary assessment.

GWDTE – G_183

3.2.393 The GWDTE G_183 is located at Grey's Gorse (at NGR SJ7312885482). A baseline desk study has been undertaken.

3.2.394 Based on the evidence from the baseline assessment the GWDTE G_183 has been screened in to support the WFD preliminary assessment.

Potential sink – S_184

3.2.395 The potential sink S_184 is located at Brook Cottage, Spodegreen Lane (at NGR SJ7339985553). A baseline desk study and field survey have been undertaken.

3.2.396 A summary of the baseline condition of the potential sink S_184, together with some example photographs, are provided in Table 218.

3.2.397 Based on the evidence from the baseline assessment the potential sink S_184 has not been screened in to support the WFD preliminary assessment.

Table 218: Summary of baseline condition of potential sink S_184

Description of feature	Example photograph
Manmade drain with metal grid with a square brick hole at bottom of drain. Connected to dug out drain alongside road. Ditch is culverted under driveways further upstream. Likely connected to local drainage network. Road drain adjacent to the potential sink.	 Photograph taken from NGR SJ7339985553

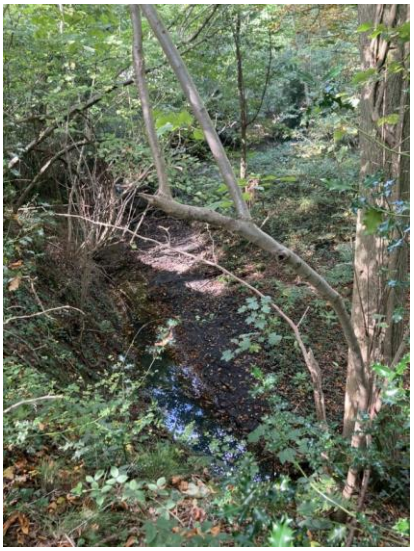
GWDTE – G_187

3.2.398 The GWDTE G_187 is located at Davenport Green Wood (at NGR SJ8045086210). A baseline desk study and field survey have been undertaken.

3.2.399 A summary of the baseline condition of the GWDTE G_187, together with some example photographs, are provided in Table 219.

3.2.400 Based on the evidence from the baseline assessment the GWDTE G_187 has not been screened in support the WFD preliminary assessment.

Table 219: Summary of baseline condition of GWDTE G_187

Description of feature	Example photograph
Citation information and partial survey identified no areas of saturated ground with no clear evidence of groundwater dependency or wetland ecology. Timperley Brook flows through the habitat.	 Photograph taken from NGR SJ8045086210

Potential spring – S_188

3.2.401 The potential spring S_188 is located at Ringway Golf Club, north on Shay Lane (at NGR SJ7968786290). A baseline desk study and field survey have been undertaken.

3.2.402 A summary of the baseline condition of the potential spring S_188, together with some example photographs, are provided in Table 220.

3.2.403 Based on the evidence from the baseline assessment the potential spring S_188 has not been screened in to support the WFD preliminary assessment.

Table 220: Summary of baseline condition of potential spring S_188

Description of feature	Example photograph
Surveys confirmed this is a constructed ditch between farmland and road. Break of slope into ditch from road. No wetland habitat or groundwater features.	 Photograph taken from NGR SJ7968786290

Spring – S_189

3.2.404 The spring S_189 is located at Davenport Green, Roaring Gate Lane (at NGR SJ8041786572). A baseline desk study and field survey have been undertaken.

3.2.405 A summary of the baseline condition of the spring S_189, together with some example photographs, are provided in Table 221.

3.2.406 Based on the evidence from the baseline assessment the spring S_189 has been screened in to support the WFD preliminary assessment.

Table 221: Summary of baseline condition of spring S_189

Description of feature	Example photographs
The spring feature is located in a garden in a shallow valley. Soil absolutely saturated despite dry weather. There are two drainage outfalls located in close proximity to the spring, but these were not flowing.	  Photographs taken from NGR SJ8041786572

GWDTE – G_190

3.2.407 The GWDTE G_190 is located near Ponds at Davenport Green (at NGR SJ7994886900). A baseline desk study has been undertaken.

3.2.408 Based on the evidence from the baseline assessment the GWDTE G_190 has not been screened in to support the WFD preliminary assessment.

Potential spring – S_191

3.2.409 The potential spring S_191 is located 145m west of Roaring Gate Farm, Roaring Gate Lane (at NGR SJ8027287073). A baseline desk study has been undertaken.

3.2.410 Based on the evidence from the baseline assessment the potential spring S_191 has been screened in to support the WFD preliminary assessment.

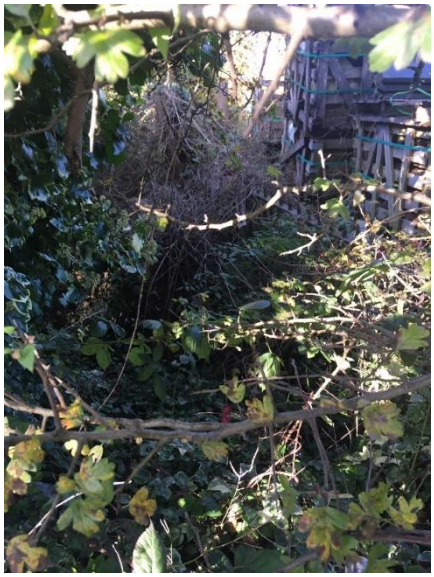
Potential spring – S_193

3.2.411 The potential spring S_193 is located at Dobbinetts Lane, Roundthorn (at NGR SJ8030587774). A baseline desk study and field survey have been undertaken.

3.2.412 A summary of the baseline condition of the potential spring S_193, together with some example photographs, are provided in Table 222.

3.2.413 Based on the evidence from the baseline assessment the potential spring S_193 has not been screened in to support the WFD preliminary assessment.

Table 222: Summary of baseline condition of potential spring S_193

Description of feature	Example photograph
Culvert passing under road (Dobbinetts Lane). Water from land drainage feeding into a ditch located behind houses and an industrial yard. Not a groundwater feature	 Photograph taken from NGR SJ8030587774

Potential spring – S_194

3.2.414 The potential spring S_194 is located at Blackcarr Wood south, Baguley (at NGR SJ8180988919). A baseline desk study and field survey have been undertaken.

3.2.415 A summary of the baseline condition of the potential spring S_194, together with some example photographs, are provided in Table 223.

3.2.416 Based on the evidence from the baseline assessment the potential spring S_194 has been screened in to support the WFD preliminary assessment.

Table 223: Summary of baseline condition of potential spring S_194

Description of feature	Example photograph
Surveys unable to identify a feature during the field survey. The feature is connected to a culvert under a railway. Assumed to be a High value receptor until confirmed by further field surveys.	 Photograph taken from NGR SJ8180988919

GWDTE – G_195

3.2.417 The GWDTE G_195 is located near Blackcarr Wood and Baguley Bottoms (at NGR SJ8212188985). A baseline desk study and field survey have been undertaken.

3.2.418 A summary of the baseline condition of the GWDTE G_195, together with some example photographs, are provided in Table 224.

3.2.419 Based on the evidence from the baseline assessment the GWDTE G_195 has been screened in to support the WFD preliminary assessment.

Table 224: Summary of baseline condition of GWDTE G_195

Description of feature	Example photographs
Partial surveys confirm the habitat is unlikely to be groundwater dependent due to the large water course flowing within the habitat. Small area of woodland identified next to the river. The habitat is not considered to be favourable due to the large amount of litter within it. However, further surveys are required for a full assessment of the habitat to confirm the dependency of the habitat.	

Description of feature	Example photographs
	 Photographs taken from NGR SJ8212188985

Potential sink – S_196

3.2.420 The potential sink S_196 is located at Blackcarr Wood north, Baguley (at NGR SJ8180289023). A baseline desk study and field survey have been undertaken.

3.2.421 A summary of the baseline condition of the potential sink S_196, together with some example photographs, are provided in Table 225.

3.2.422 Based on the evidence from the baseline assessment the potential sink S_196 has not been screened in to support the WFD preliminary assessment.

Table 225: Summary of baseline condition of potential sink S_196

Description of feature	Example photograph
Culvert under a railway – not a groundwater feature	 Photograph taken from NGR SJ8180289023

Potential spring – S_197

3.2.423 The potential spring S_197 is located at Round Wood south, Northenden (at NGR SJ8243589244). A baseline desk study and field survey have been undertaken.

3.2.424 A summary of the baseline condition of the potential spring S_197, together with some example photographs, are provided in Table 226.

3.2.425 Based on the evidence from the baseline assessment the potential spring S_197 has not been screened in to support the WFD preliminary assessment.

Table 226: Summary of baseline condition of potential spring S_197

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ8243589244

Potential sink – S_198a

3.2.426 The potential sink S_198a is located at Round Wood north, Northenden (at NGR SJ8248589335). A baseline desk study and field survey have been undertaken.

3.2.427 A summary of the baseline condition of the potential sink S_198a, together with some example photographs, are provided in Table 227.

3.2.428 Based on the evidence from the baseline assessment the potential sink S_198a has not been screened in to support the WFD preliminary assessment.

Table 227: Summary of baseline condition of potential sink S_198a

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ8248589335

GWDTE – G_198b

3.2.429 The GWDTE G_198b is located at Round Wood (at NGR SJ8245389329). A baseline desk study has been undertaken.

3.2.430 Based on the evidence from the baseline assessment the GWDTE G_198b has been screened in to support the WFD preliminary assessment.

Potential spring – S_199

3.2.431 The potential spring S_199 is located at Gib Lane Wood south, Baguley (at NGR SJ8210589359). A baseline desk study and field survey have been undertaken.

3.2.432 A summary of the baseline condition of the potential spring S_199, together with some example photographs, are provided in Table 228.

3.2.433 Based on the evidence from the baseline assessment the potential spring S_199 has not been screened in to support the WFD preliminary assessment.

Table 228: Summary of baseline condition of potential spring S_199

Description of feature	Example photographs
Dry drainage ditch – not a groundwater feature	No photographs available from site visit

Potential spring – S_200

3.2.434 The potential spring S_200 is located at Gib Lane Wood east, Baguley (at NGR SJ8240889450). A baseline desk study has been undertaken.

3.2.435 Based on the evidence from the baseline assessment the potential spring S_200 has been screened in to support the WFD preliminary assessment.

Potential sink – S_201

3.2.436 The potential sink S_201 is located at Gib Lane Wood south, Baguley (at NGR SJ8212989474). A baseline desk study has been undertaken.

3.2.437 Based on the evidence from the baseline assessment the potential sink S_201 has been screened in to support the WFD preliminary assessment.

Potential spring – S_202

3.2.438 The potential spring S_202 is located at Gib Lane, Baguley (at NGR SJ8212589490). A baseline desk study and field survey have been undertaken.

3.2.439 A summary of the baseline condition of the potential spring S_202, together with some example photographs, are provided in Table 229.

3.2.440 Based on the evidence from the baseline assessment the potential spring S_202 has not been screened in to support the WFD preliminary assessment.

Table 229: Summary of baseline condition of potential spring S_202

Description of feature	Example photographs
Dry drainage ditch – not a groundwater feature	No photographs available from site visit

Potential sink – S_203

3.2.441 The potential sink S_203 is located at Gib Lane west, Baguley (at NGR SJ8214189630). A baseline desk study and field survey have been undertaken.

3.2.442 A summary of the baseline condition of the potential sink S_203, together with some example photographs, are provided in Table 230.

3.2.443 Based on the evidence from the baseline assessment the potential sink S_203 has not been screened in to support the WFD preliminary assessment.

Table 230: Summary of baseline condition of potential sink S_203

Description of feature	Example photographs
Dry drainage ditch – not a groundwater feature	No photographs available from site visit

Potential sink – S_204

3.2.444 The potential sink S_204 is located at Gib Lane north, Baguley (at NGR SJ8217789671). A baseline desk study and field survey have been undertaken.

3.2.445 A summary of the baseline condition of the potential sink S_204, together with some example photographs, are provided in Table 231.

3.2.446 Based on the evidence from the baseline assessment the potential sink S_204 has not been screened in to support the WFD preliminary assessment.

Table 231: Summary of baseline condition of potential sink S_204

Description of feature	Example photographs
Dry drainage ditch – not a groundwater feature	No photographs available from site visit

GWDTE – G_205

3.2.447 The GWDTE G_205 is located at Wythenshawe Park (at NGR SJ8162789763). A baseline desk study and field survey have been undertaken.

3.2.448 A summary of the baseline condition of the GWDTE G_205, together with some example photographs, are provided in Table 232.

3.2.449 Based on the evidence from the baseline assessment the GWDTE G_205 has been screened in to support the WFD preliminary assessment.

Table 232: Summary of baseline condition of GWDTE G_205

Description of feature	Example photograph
Pools and ponds which have formed within areas of marginally lower topography (<1m) suggest the water level is high and likely to be similar depth to the Basford Brook. Some areas of ponds have likely formed due to the glacial till preventing sufficient infiltration during rainfall events, hence perched groundwater. However due to habitat value screened in for further assessment	 Photograph taken from NGR SJ8162789763

Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers (GB41201G101700)

Potential spring – S_02

3.2.450 The potential spring S_02 is located at Agden Lane and Agden Brow intersection (at NGR SJ7126486223). A baseline desk study and field survey have been undertaken.

3.2.451 A summary of the baseline condition of the potential spring S_02, together with some example photographs, are provided in Table 233.

3.2.452 Based on the evidence from the baseline assessment the potential spring S_02 has not been screened in to support the WFD preliminary assessment.

Table 233: Summary of baseline condition of potential spring S_02

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7126486223

Potential sink – S_03

3.2.453 The potential sink S_03 is located at Agdenlane Farm south, Agden Lane (at NGR SJ7137186394). A baseline desk study and field survey have been undertaken.

3.2.454 A summary of the baseline condition of the potential sink S_03, together with some example photographs, are provided in Table 234.

3.2.455 Based on the evidence from the baseline assessment the potential sink S_03 has not been screened in to support the WFD preliminary assessment.

Table 234: Summary of baseline condition of potential sink S_03

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7137186394

Spring – S_04

3.2.456 The spring S_04 is located at Agdenlane Farm west, Agden Lane (at NGR SJ7126786464). A baseline desk study and field survey have been undertaken.

3.2.457 A summary of the baseline condition of the spring S_04, together with some example photographs, are provided in Table 235.

3.2.458 Based on the evidence from the baseline assessment the spring S_04 has been screened in to support the WFD preliminary assessment.

Table 235: Summary of baseline condition of spring S_04

Description of feature	Example photograph
Possible spring with a pipe. It is unclear which is the OS map feature. Wet patches and slowly flowing water on slope identified during site work. It appears water is flowing into a pipe (potentially a land drain) in the adjacent ditch.	 Photograph taken from NGR SJ7126786464

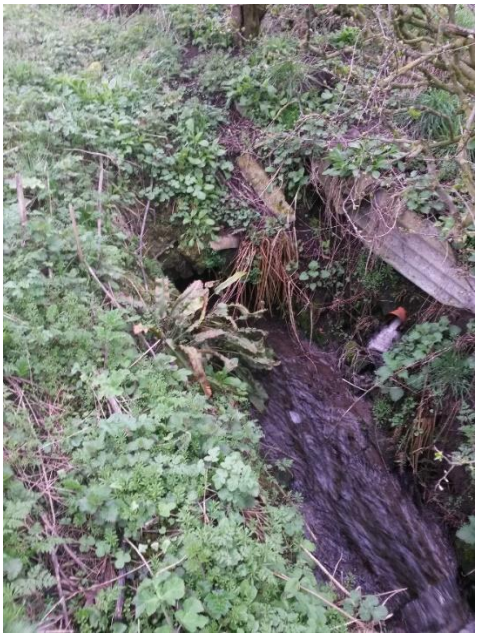
Potential spring – S_05

3.2.459 The potential spring S_05 is located at Agdenlane Farm east, Agden Lane (at NGR SJ7141886465). A baseline desk study and field survey have been undertaken.

3.2.460 A summary of the baseline condition of the potential spring S_05, together with some example photographs, are provided in Table 236.

3.2.461 Based on the evidence from the baseline assessment the potential spring S_05 has not been screened in to support the WFD preliminary assessment.

Table 236: Summary of baseline condition of potential spring S_05

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ7141886465

Potential spring – S_06

3.2.462 The potential spring S_06 is located east of Agden Lane (at NGR SJ7146286534). A baseline desk study and field survey have been undertaken.

3.2.463 A summary of the baseline condition of the potential spring S_06, together with some example photographs, are provided in Table 237.

3.2.464 Based on the evidence from the baseline assessment the potential spring S_06 has not been screened in to support the WFD preliminary assessment.

Table 237: Summary of baseline condition of potential spring S_06

Description of feature	Example photograph
Culvert/drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ7146286534

Potential sink – S_07

3.2.465 The potential sink S_07 is located east of Agden Lane (at NGR SJ7148886564). A baseline desk study and field survey have been undertaken.

3.2.466 A summary of the baseline condition of the potential sink S_07, together with some example photographs, are provided in Table 238.

3.2.467 Based on the evidence from the baseline assessment the potential sink S_07 has not been screened in to support the WFD preliminary assessment.

Table 238: Summary of baseline condition of potential sink S_07

Description of feature	Example photograph
Culvert/drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ7148886564

Potential sink – S_08

3.2.468 The potential sink S_08 is located at Agdenlane Farm west, Agden Lane (at NGR SJ7137686592). A baseline desk study and field survey have been undertaken.

3.2.469 A summary of the baseline condition of the potential sink S_08, together with some example photographs, are provided in Table 239.

3.2.470 Based on the evidence from the baseline assessment the potential sink S_08 has not been screened in to support the WFD preliminary assessment.

Table 239: Summary of baseline condition of potential sink S_08

Description of feature	Example photograph
This feature is located within a manmade hedge and is likely part of an agricultural drainage system located around the edge of fields. Not supporting any significant habitat. This is a land drainage feature, not a groundwater feature.	 Photograph taken from NGR SJ7137686592

Potential spring – S_09

3.2.471 The potential spring S_09 is located at Burford Lane, east Spud Wood (at NGR SJ7047587277). A baseline desk study and field survey have been undertaken.

3.2.472 A summary of the baseline condition of the potential spring S_09, together with some example photographs, are provided in Table 240.

3.2.473 Based on the evidence from the baseline assessment the potential spring S_09 has not been screened in to support the WFD preliminary assessment.

Table 240: Summary of baseline condition of potential spring S_09

Description of feature	Example photographs
Culvert passing under road (Burford Lane), possibly discharging from houses (Spring Farm) on other side of the road. Discharges into Helsdale Brook downstream	  Photographs taken from NGR SJ7047587277

Potential sink – S_10

3.2.474 The potential sink S_10 is located at Burford Lane, east Spud Wood (at NGR SJ7037987302). A baseline desk study and field survey have been undertaken.

3.2.475 A summary of the baseline condition of the potential sink S_10, together with some example photographs are provided in Table 241.

3.2.476 Based on the evidence from the baseline assessment the potential sink S_10 has not been screened in to support the WFD preliminary assessment.

Table 241: Summary of baseline condition of potential sink S_10

Description of feature	Example photographs
Large culvert passing under footpath. Stagnant water observed downstream as the watercourse flows through a fence ~10m downstream which is causing build-up of debris on water surface. Water then flows into a large, constructed drain to pass under the road or Bridgewater Canal. OS maps show the watercourse is Helsdale Brook.	  Photographs taken from NGR SJ7037987302

Potential spring – S_11

3.2.477 The potential spring S_11 is located at Glazebrook Trail and railway intercept (at NGR SJ6992692665). A baseline desk study and field survey have been undertaken.

3.2.478 A summary of the baseline condition of the potential spring S_11, together with some example photographs, are provided in Table 242.

3.2.479 Based on the evidence from the baseline assessment the potential spring S_11 has been screened in to support the WFD preliminary assessment.

Table 242: Summary of baseline condition of potential spring S_11

Description of feature	Example photograph
Managed farmland upgradient of potential spring. Potential to classify this feature as a groundwater collect which is slowly draining into Glaze Brook as there is an area of closed depression with groundwater dependent habitat.	 Photograph taken from NGR SJ6992692665

Potential sink – S_12

3.2.480 The potential sink S_12 is located north-west of Church Farm (at NGR SJ6842692967). A baseline desk study and field survey have been undertaken.

3.2.481 A summary of the baseline condition of the potential sink S_12, together with some example photographs, are provided in Table 243.

3.2.482 Based on the evidence from the baseline assessment the potential sink S_12 has not been screened in to support the WFD preliminary assessment.

Table 243: Summary of baseline condition of potential sink S_12

Description of feature	Example photograph
Land drainage ditch which feeds into a manmade sink (large concrete structure with metal grid). OS maps show that this watercourse is part of Tributary of Glaze Brook 2 however it is concluded that the watercourse is flowing underground (piped) downstream of this feature.	 Photograph taken from NGR SJ6842692967

GWDTE – G_15

3.2.483 The GWDTE G_15 is located near Pestfurlong Moss (at NGR SJ6709592938). A baseline desk study and field survey have been undertaken.

3.2.484 A summary of the baseline condition of the GWDTE G_15, together with some example photographs, are provided in Table 244.

3.2.485 Based on the evidence from the baseline assessment the GWDTE G_15 has been screened in to support the WFD preliminary assessment.

Table 244: Summary of baseline condition of GWDTE G_15

Description of feature	Example photograph
Peaty soil but not particularly damp. A detailed habitat survey is needed to investigate whether the habitat is groundwater dependent – included for now on precautionary basis	 Photograph taken from NGR SJ6709592938

GWDTE – G_17

3.2.486 The GWDTE G_17 is located at Holcroft Moss (at NGR SJ6840093200). A baseline desk study and field survey have been undertaken.

3.2.487 A summary of the baseline condition of the GWDTE G_17, together with some example photographs, are provided in Table 245.

3.2.488 Based on the evidence from the baseline assessment the GWDTE G_17 has been screened in to support the WFD preliminary assessment.

Table 245: Summary of baseline condition of GWDTE G_17

Description of feature	Example photograph
This bog is raised above the surrounding topography to form a mound and engineered plastic piling has been put in place to hold water on the site, re-wet the bog and recreate the necessary conditions for peat formation. This recreates the conditions for groundwater dependent ecology yet also depends on precipitation.	 Photograph taken from NGR SJ6840093200

Potential spring – S_19

3.2.489 The potential spring S_19 is located at Bates Farm, A574 (at NGR SJ6533994124). A baseline desk study and field survey have been undertaken.

3.2.490 A summary of the baseline condition of the potential spring S_19, together with some example photographs, are provided in Table 246.

3.2.491 Based on the evidence from the baseline assessment the potential spring S_19 has not been screened in to support the WFD preliminary assessment.

Table 246: Summary of baseline condition of potential spring S_19

Description of feature	Example photograph
Drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ6533994124

Licensed abstraction – Lab_21

3.2.492 The licensed abstraction Lab_21 is a United Utilities public water supply abstraction (license identifier confidential) located in Warrington. A baseline desk study has been undertaken.

3.2.493 Based on the evidence from the baseline assessment the licensed abstraction Lab_21 has been screened in to support the WFD preliminary assessment.

Unlicensed abstraction – Uab_23b

3.2.494 The unlicensed abstraction Uab_23b is located at Phillips Farm (at NGR SJ6440094550). A baseline desk study has been undertaken.

3.2.495 Based on the evidence from the baseline assessment the unlicensed abstraction Uab_23b has not been screened in to support the WFD preliminary assessment.

Potential spring – S_24

3.2.496 The potential spring S_24 is located at Howard Road, Culcheth (at NGR SJ6641194612). A baseline desk study and field survey have been undertaken.

3.2.497 A summary of the baseline condition of the potential spring S_24, together with some example photographs, are provided in Table 247.

3.2.498 Based on the evidence from the baseline assessment the potential spring S_24 has not been screened in to support the WFD preliminary assessment.

Table 247: Summary of baseline condition of potential spring S_24

Description of feature	Example photograph
Culvert – not a groundwater feature	 Photograph taken from NGR SJ6641194612

Potential spring – S_29

3.2.499 The potential spring S_29 is located at Leigh Golf Club (at NGR SJ6395895739). A baseline desk study and field survey have been undertaken.

3.2.500 A summary of the baseline condition of the potential spring S_29, together with some example photographs, are provided in Table 248.

3.2.501 Based on the evidence from the baseline assessment the potential spring S_29 has not been screened in to support the WFD preliminary assessment.

Table 248: Summary of baseline condition of potential spring S_29

Description of feature	Example photograph
Land drainage outfall originating under tree root from arable fields. No wetland habitat present. OS maps show this land drainage outfall flows into Jibcroft Brook.	 Photograph taken from NGR SJ6395895739

Licensed abstraction – Lab_30

3.2.502 The licensed abstraction Lab_30 is located at Leigh Golf Club, Broseley Lane (at NGR SJ6446595756). A baseline desk study has been undertaken.

3.2.503 Based on the evidence from the baseline assessment the licensed abstraction Lab_30 has been screened in to support the WFD preliminary assessment.

Potential spring – S_31

3.2.504 The potential spring S_31 is located at Twiss Green draining to Jibcroft Brook (at NGR SJ6472095918). A baseline desk study and field survey have been undertaken.

3.2.505 A summary of the baseline condition of the potential spring S_31, together with some example photographs, are provided in Table 249.

3.2.506 Based on the evidence from the baseline assessment the potential spring S_31 has not been screened in to support the WFD preliminary assessment.

Table 249: Summary of baseline condition of potential spring S_31

Description of feature	Example photograph
Drainage outfall discharging into Jibcroft Brook – not a groundwater feature	 Photograph taken from NGR SJ6472095918

Potential spring – S_32

3.2.507 The potential spring S_32 is located at Jibcroft Brook, north of Leigh Hall (at NGR SJ6459596009). A baseline desk study and field survey have been undertaken.

3.2.508 A summary of the baseline condition of the potential spring S_32, together with some example photographs, are provided in Table 250.

3.2.509 Based on the evidence from the baseline assessment the potential spring S_32 has not been screened in to support the WFD preliminary assessment.

Table 250: Summary of baseline condition of potential spring S_32

Description of feature	Example photograph
Culvert/drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ6459596009

Licensed abstraction – Lab_36

3.2.510 The Licensed abstraction Lab_36 is a United Utilities abstraction (license identifier confidential) located in Golborne Urban District. A baseline desk study has been undertaken.

3.2.511 Based on the evidence from the baseline assessment the Licensed abstraction Lab_36 has been screened in to support the WFD preliminary assessment.

Licensed abstraction – Lab_37

3.2.512 The Licensed abstraction Lab_37 is a United Utilities abstraction (license identifier confidential) located in Golborne Urban District. A baseline desk study has been undertaken.

3.2.513 Based on the evidence from the baseline assessment the Licensed abstraction Lab_37 has been screened in to support the WFD preliminary assessment.

Potential spring – S_39

3.2.514 The potential spring S_39 is located at Edgerton Road, east Lowton (at NGR SJ6265997894). A baseline desk study and field survey have been undertaken.

3.2.515 A summary of the baseline condition of the potential spring S_39, together with some example photographs, are provided in Table 251.

3.2.516 Based on the evidence from the baseline assessment the potential spring S_39 has not been screened in to support the WFD preliminary assessment.

Table 251: Summary of baseline condition of potential spring S_39

Description of feature	Example photograph
Culvert/drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ6265997894

Potential spring – S_40

3.2.517 The potential spring S_40 is located at Lowton Civic Hall (at NGR SJ6287397920). A baseline desk study and field survey have been undertaken.

3.2.518 A summary of the baseline condition of the potential spring S_40, together with some example photographs, are provided in Table 252.

3.2.519 Based on the evidence from the baseline assessment the potential spring S_40 has not been screened in to support the WFD preliminary assessment.

Table 252: Summary of baseline condition of potential spring S_40

Description of feature	Example photograph
Culvert/drainage outfall – not a groundwater feature	 Photograph taken from NGR SJ6287397920

Licensed abstraction – Lab_41

3.2.520 The Licensed abstraction Lab_41, is a United Utilities abstraction (license identifier confidential), located at Golborne, Warrington. A baseline desk study has been undertaken.

3.2.521 Based on the evidence from the baseline assessment the Licensed abstraction Lab_41 has been screened in to support the WFD preliminary assessment.

Potential spring – S_42

3.2.522 The potential spring S_42 is located 150m north of Water Treatment Works, north Golborne (at NGR SJ6131698915). A baseline desk study has been undertaken.

3.2.523 Based on the evidence from the baseline assessment the potential spring S_42 has been screened in to support the WFD preliminary assessment.

Licensed abstraction – Lab_45

3.2.524 The Licensed abstraction Lab_45 is a United Utilities abstraction (license identifier confidential) located in Lowton Golborne. A baseline desk study has been undertaken.

3.2.525 Based on the evidence from the baseline assessment the Licensed abstraction Lab_45 has been screened in to support the WFD preliminary assessment.

Potential spring – S_47

3.2.526 The potential spring S_47 is located 330m west of Smith's Bridge, Leeds and Liverpool Canal (at NGR SJ6175899909). A baseline desk study has been undertaken.

3.2.527 Based on the evidence from the baseline assessment the potential spring S_47 has been screened in to support the WFD preliminary assessment.

Potential sink – S_48

3.2.528 The potential sink S_48 is located 345m west of Smith's Bridge, Leeds and Liverpool Canal (at NGR SJ6174299913). A baseline desk study has been undertaken.

3.2.529 Based on the evidence from the baseline assessment the potential sink S_48 has been screened in to support the WFD preliminary assessment.

Potential spring – S_49

3.2.530 The potential spring S_49 is located at 350m north of Lightshaw Hall, Ashton-in-Makerfield (at NGR SJ6156299939). A baseline desk study has been undertaken.

3.2.531 Based on the evidence from the baseline assessment the potential spring S_49 has been screened in to support the WFD preliminary assessment.

Spring – S_51

3.2.532 The spring S_51 is located near the railway, 320m north-west of Aye Bridge Farm (at NGR SD6028200466). A baseline desk study and field survey have been undertaken.

3.2.533 A summary of the baseline condition of the spring S_51, together with some example photographs, are provided in Table 253.

3.2.534 Based on the evidence from the baseline assessment the spring S_51 has been screened in to support the WFD preliminary assessment.

Table 253: Summary of baseline condition of spring S_51

Description of feature	Example photographs
Surveys confirmed this is a spring discharging into Tributary of Hey Brook 5, located in a depression in agricultural land. The spring is supporting groundwater dependent habitat. There is a large wetland area at the site of the spring.	  Photographs taken from NGR SD6028200466

GWDTE – G_53a

3.2.535 The GWDTE G_53a is located near Lightshaw Lane (at NGR SJ6155798813). A baseline desk study has been undertaken.

3.2.536 Based on the evidence from the baseline assessment the GWDTE G_53a has been screened in to support the WFD preliminary assessment.

GWDTE – G_53b

3.2.537 The GWDTE G_53b is located at Lightshaw Lime Beds (at NGR SJ6159999151). A baseline desk study has been undertaken.

3.2.538 Based on the evidence from the baseline assessment the GWDTE G_53b has been screened in to support the WFD preliminary assessment.

Potential spring – S_54

3.2.539 The potential spring S_54 is located at Crankwood Road, 120m west of Chadwick's Farm (at NGR SD6113100506). A baseline desk study has been undertaken.

3.2.540 Based on the evidence from the baseline assessment the potential spring S_54 has been screened in to support the WFD preliminary assessment.

Potential spring – S_55

3.2.541 The potential spring S_55 is located at roundabout, north-east of Dover Bridge, Dover (at NGR SD6085100815). A baseline desk study and field survey have been undertaken.

3.2.542 A summary of the baseline condition of the potential spring S_55, together with some example photographs, are provided in Table 254.

3.2.543 Based on the evidence from the baseline assessment the potential spring S_55 has not been screened in to support the WFD preliminary assessment.

Table 254: Summary of baseline condition of potential spring S_55

Description of feature	Example photograph
Culvert passing under Crankwood Road – not a groundwater feature	 Photograph taken from NGR SD6085100815

Potential sink – S_57

3.2.544 The potential sink S_57 is located 270m east of Bamfurlong Recreation Ground (at NGR SD6029301430). A baseline desk study and field survey have been undertaken.

3.2.545 A summary of the baseline condition of the potential sink S_57, together with some example photographs, are provided in Table 255.

3.2.546 Based on the evidence from the baseline assessment the potential sink S_57 has not been screened in to support the WFD preliminary assessment.

Table 255: Summary of baseline condition of potential sink S_57

Description of feature	Example photograph
This is a drain passing alongside and then under the footpath – not a groundwater feature	 Photograph taken from NGR SD6029301430

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Spring – S_01

3.2.547 The spring S_01 is located at Nan Holes Brook, 310m west of Locker Lane Farm (at NGR SJ6019499909). A baseline desk study and field survey have been undertaken.

3.2.548 A summary of the baseline condition of the spring S_01, together with some example photographs, are provided in Table 256.

3.2.549 Based on the evidence from the baseline assessment the spring S_01 has been screened in to support the WFD preliminary assessment.

Table 256: Summary of baseline condition of spring S_01

Description of feature	Example photograph
This is a spring located on Nan Holes Brook. The spring is supporting groundwater dependent habitat including common reeds and grey willows.	 Photograph taken from NGR SJ6019499909

Potential sink – S_03

3.2.550 The potential sink S_03 is located north of Public Car Park, Bolton Road, Ashton-in-Makerfield (at NGR SD5939400817). A baseline desk study and field survey have been undertaken.

3.2.551 A summary of the baseline condition of the potential sink S_03, together with some example photographs, are provided in Table 257.

3.2.552 Based on the evidence from the baseline assessment the potential sink S_03 has not been screened in to support the WFD preliminary assessment.

Table 257: Summary of baseline condition of potential sink S_03

Description of feature	Example photographs
Culvert/drainage outfall – not a groundwater feature	No photographs available from site visit

Potential spring – S_05

3.2.553 The potential spring S_05 is located 200m west of Viridor Wood, Bryn Gates (at NGR SD5958200820). A baseline desk study has been undertaken.

3.2.554 Based on the evidence from the baseline assessment the potential spring S_05 has been screened in to support the WFD preliminary assessment.

Potential spring – S_08

3.2.555 The potential spring S_08 is located north of Allotment Gardens at Bryn Gates (at NGR SD5955101151). A baseline desk study and field survey have been undertaken.

3.2.556 A summary of the baseline condition of the potential spring S_08, together with some example photographs, are provided in Table 258.

3.2.557 Based on the evidence from the baseline assessment the potential spring S_08 has not been screened in to support the WFD preliminary assessment.

Table 258: Summary of baseline condition of potential spring S_08

Description of feature	Example photograph
Drainage outfall which does not support any significant groundwater dependent habitats – not a natural groundwater feature	 Photograph taken from NGR SD5955101151

Potential spring – S_09

3.2.558 The potential spring S_09 is located at the West Coast Main Line railway, east of Bamfurlong recreation ground (at NGR SD6006801424). A baseline desk study and field survey have been undertaken.

3.2.559 A summary of the baseline condition of the potential spring S_09, together with some example photographs, are provided in Table 259.

3.2.560 Based on the evidence from the baseline assessment the potential spring S_09 has not been screened in to support the WFD preliminary assessment.

Table 259: Summary of baseline condition of potential spring S_09

Description of feature	Example photograph
Surveys show this is a drainage outfall/culvert from under the railway and not a groundwater feature.	 Photograph taken from NGR SD6006801424

Potential spring – S_11

3.2.561 The potential spring S_11 is located 220m east of Bamfurlong Bridge (at NGR SD6043601921). A baseline desk study has been undertaken.

3.2.562 Based on the evidence from the baseline assessment the potential spring S_11 has been screened in to support the WFD preliminary assessment.

Potential spring – S_12

3.2.563 The potential spring S_12 is located 220m east of Bamfurlong Bridge (at NGR SD6043501921). A baseline desk study has been undertaken.

3.2.564 Based on the evidence from the baseline assessment the potential spring S_12 has been screened in to support the WFD preliminary assessment.

Potential spring – S_13

3.2.565 The potential spring S_13 is located 220m east of Bamfurlong Bridge (at NGR SD6043301924). A baseline desk study has been undertaken.

3.2.566 Based on the evidence from the baseline assessment the potential spring S_13 has been screened in to support the WFD preliminary assessment.

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GWDTE – G_04

3.2.567 The GWDTE G_04 is located at Stenner Woods and Millgate Field, Didsbury and Fletcher Moss (at NGR SJ8425790067). A baseline desk study and field survey have been undertaken.

3.2.568 A summary of the baseline condition of the GWDTE G_04, together with some example photographs, are provided in Table 260.

3.2.569 Based on the evidence from the baseline assessment the GWDTE G_04 has been screened in to support the WFD preliminary assessment.

Table 260: Summary of baseline condition of GWDTE G_04

Description of feature	Example photograph
Boggy areas within slight depressions and around ponds. This suggests groundwater levels are relatively high and are forming collects. Drainage ditch indicates this area floods and may be a wetland at certain times of the year. There are areas of wetland vegetation surrounding the ponds. This habitat is at least partially groundwater dependent. Access was only available via PROW so further surveys are required to assess the full extent of the habitat.	 Photograph taken from NGR SJ8425790067

Potential sink – S_06

3.2.570 The potential sink S_06 is located at Stenner Lane Museum and Art Gallery (at NGR SJ8453190417). A baseline desk study has been undertaken.

3.2.571 Based on the evidence from the baseline assessment the potential sink S_06 has been screened in to support the WFD preliminary assessment.

Licensed abstraction – Lab_07

3.2.572 The Licensed abstraction Lab_07 is located at Didsbury Golf Club, Northenden, Wythenshawe (at NGR SJ8395090470). A baseline desk study has been undertaken.

3.2.573 Based on the evidence from the baseline assessment the Licensed abstraction Lab_07 has been screened in to support the WFD preliminary assessment.

GWDTE – G_08

3.2.574 The GWDTE G_08 is located at Wrengate Wood and Heycroft (at NGR SJ8378890992). A baseline desk study has been undertaken.

3.2.575 Based on the evidence from the baseline assessment the GWDTE G_08 has been screened in to support the WFD preliminary assessment.

4 References

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