

High Speed Rail (Crewe – Manchester) Environmental Statement

Volume 5: Appendix CM-001-0MA05

Community

MA05: Risleigh to Bamfurlong

Community impact assessment

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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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1 Introduction

- 1.1.1 The report is an appendix to the community assessment for the Proposed Scheme in relation to the Risley to Bamfurlong community area (MA05).
- 1.1.2 This appendix comprises:
- community impact assessment record sheets for construction; and
 - community impact assessment record sheets for operation.
- 1.1.3 This appendix should be read in conjunction with:
- Volume 2, Community Area reports;
 - Volume 3, Route-wide effects;
 - Volume 4, Off-route effects; and
 - other Volume 5, Appendices.
- 1.1.4 Volume 5 also sets out Route-wide construction workers impacts (Appendix CM-002-00000) which should be referred to for impacts due to construction workers, and Open space condition survey (see Appendix CM-003-0MA05).
- 1.1.5 Maps showing the location of resources which will experience significant residual community effects in the Risley to Bamfurlong area (MA05) are contained in the Volume 5, Community Map Book, maps CM-01-314b to CM-01-318.
- 1.1.6 The name or description of the affected resources is labelled on the maps along with the duration of the effect (i.e. temporary or permanent).
- 1.1.7 The type of effects are denoted by symbols as shown in the map legend.

2 Community impact assessment record sheets – construction

2.1 Residential properties subject to non-significant loss of land

Table 1: Residential properties subject to non-significant loss of land community impact assessment record sheet

Resource name	Area-wide residential properties
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Residential properties located close to the route of the Proposed Scheme.
Assessment year	Construction phase (2025)
Impact 1: temporary loss of land	<p>Minor utility works will require small areas of land from the following residential properties during the construction of the Proposed Scheme:</p> <ul style="list-style-type: none"> • 601 Warrington Road, Risley, WA3 6BW; • Bates Farm, Risley, WA3 6BN; • 101-107 Wigshaw Lane, Wigshaw, WA3 4AD; • 65 Kenyon Lane, Kenyon, WA3 4AX; • Tunnel Top, Kenyon Lane, WA3 4AX; • 194 Newton Road, Lowton, WA3 2AL; • 6-10 Brook Lynn Avenue, Lowton, WA3 2TE; • 59 and 65-69 Lily Lane, Bamfurlong, WN2 5JN; • Clough Farm, Golborne, WA3 4BA; • 20 Moorfield Crescent, Lowton, WA3 1AJ; and • 16 Brancaster Drive, Lowton, WA3 1AT. <p>Minor highways works will require small areas of land for tie in works or construction areas from the following residential properties:</p> <ul style="list-style-type: none"> • 600 Warrington Road, Risley; • Yew Tree Farm, Warrington Road, Culcheth; and • 91 Wishaw Lane, Wigshaw. <p>Duration of impact: up to three months.</p>

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Resource name	Area-wide residential properties
Assessment of magnitude	Negligible: the temporary loss of these small areas of land will not affect the ability of residents to use their dwellings and access will be maintained to the properties throughout the construction works.
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Minor adverse effect which is not significant
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Minor adverse effect which is not significant

2.2 Residential properties in Wigshaw

Table 2: Residential properties in Wigshaw community impact assessment record sheet

Resource name	Residential properties in Wigshaw
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Wigshaw is made up of approximately 25 residential properties. Wigshaw is located approximately 350m west of Culcheth.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	Impact: construction of the Culcheth cutting will require the demolition of four residential properties. The group of properties comprises Glaziers Lane Farm (and outbuildings), Phillips Farm and Swallow Barn (and outbuildings) on Glaziers Lane and one property on Wigshaw Lane (and outbuildings). These properties will be permanently lost. Duration of impact: permanent
Assessment of magnitude	Medium: four residential properties will be permanently lost. The loss of these four residential properties represents a high proportion of this small community of 25 residential properties.
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Major adverse effect which is significant due to land required for the construction of the Proposed Scheme.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Major adverse effect which is significant
Impact 2: temporary in-combination effect	Impact: construction of the Culcheth cutting will be in proximity to approximately 10 properties on Wigshaw Lane and Robins Lane. Residents of these properties will be affected by a combination of significant noise and visual effects, as well as vibration effects for a short duration. Noise: construction of the Proposed Scheme will result in significant airborne noise effects for approximately 11 months. Vibration (not significant): vibratory rollers associated with site set-up, ground stabilisation and finishing works are predicted to create a moderate vibration impact at properties near to the Proposed Scheme for approximately one month. Visual: residents of properties on Wigshaw Lane and Robins lane will experience significant visual effects during construction.
Assessment of magnitude	Medium: two significant residual environmental effects
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Major adverse in-combination effect which is significant due to change to amenity of the residential properties as a result of significant noise and visual effects.

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Resource name	Residential properties in Wigshaw
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Major adverse effect which is significant

2.3 Residential properties on B5207 Wilton Lane, Lowton

Table 3: Residential properties on B5207 Wilton Lane, Lowton community impact assessment record sheet

Resource name	Residential properties on B5207 Wilton Lane, Lowton
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Residential properties located on B5207 Wilton Lane. Lowton has approximately 3,200 residential properties and a range of community facilities.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	Impact: three residential properties on B5207 Wilton Lane are located within the land required permanently to construct the Lowton cutting. The group of properties comprises White's Farm, Willowpool, and Birchalls Farm. These properties will be permanently lost. Duration of impact: permanent
Assessment of magnitude	Negligible: permanent loss of less than five residential properties
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Minor adverse effect which is not significant. Although the loss of the individual property will be significant to the residents of that property, the loss of less than five residential properties is not considered significant at the community level.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Minor adverse effect which is not significant at the community level

2.4 Residential properties on A572 Newton Road, Lowton

Table 4: Residential properties on A572 Newton Road, Lowton community impact assessment record sheet

Resource name	Residential properties on A572 Newton Road, Lowton
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Residential properties located on A572 Newton Road. Lowton has approximately 3,200 residential properties and a range of community facilities.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	Impact: eight residential properties on A572 Newton Road are located in land required to construct the Lowton cutting. The group of residential properties comprises: 188, 190, 190A-E, 192 Newton Road in Lowton. These properties will be permanently lost. Duration of impact: permanent
Assessment of magnitude	Low: permanent loss of less than ten residential properties
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Moderate adverse effect which is significant due to land required for the construction of the Proposed Scheme.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Moderate adverse effect which is significant

2.5 Residential properties on Slag Lane, Lowton

Table 5: Residential properties on Slag Lane, Lowton community impact assessment record sheet

Resource name	Residential properties on Slag Lane, Lowton
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Residential properties located on Slag Lane. Lowton has approximately 3,200 residential properties and a range of community facilities.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	Impact: two residential properties, Laburnum Cottage, within Laburnum Farm, and 197 Slag Lane, are located within the land required permanently to construct Slag Lane viaduct and Slag Lane realignment, these properties will be permanently lost. Duration of impact: permanent
Assessment of magnitude	Negligible: permanent loss of less than five residential properties
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Minor adverse effect which is not significant. Although the loss of the individual property will be significant to the residents of that property, the loss of less than five residential properties is not considered significant at the community level.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Minor adverse effect which is not significant at the community level

2.6 Residential properties on Lightshaw Lane, Golborne

Table 6: Residential properties on Lightshaw Lane, Golborne community impact assessment record sheet

Resource name	Residential properties on Lightshaw Lane, Golborne
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Two residential properties on Lightshaw Lane, on the outskirts of Golborne. Golborne is made up of approximately 7,300 residential properties and a wide range of community facilities.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	Impact: two residential properties, Roby Cottage and Hillcroft, are located within land required permanently for the construction of the Lowton north embankment, these properties permanently lost. Duration of impact: permanent
Assessment of magnitude	Negligible: permanent loss of less than five residential properties
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Minor adverse effect which is not significant. Although the loss of the individual property will be significant to the residents of that property, the loss of less than five residential properties is not considered significant at the community level.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Minor adverse effect which is not significant at the community level

2.7 Residential properties in Risley

Table 7: Residential properties in Risley community impact assessment record sheet

Resource name	Residential properties in Risley
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Approximately 10 residential properties located on the A574 Warrington Road, Risley.
Assessment year	Construction phase (2025)
Impact 1: temporary significant noise and visual effects	<p>Impact: the residents of approximately 10 residential properties on Warrington Road, Risley will be affected by a combination of significant noise, vibration, visual and HGV traffic effects due to the construction of the A574 Warrington Road realignment. The A574 Warrington Road is a designated route for construction traffic to enable access to the A574 Warrington Road Satellite Compound.</p> <p>Noise: the construction of the A574 Warrington Road realignment will result in significant airborne noise effects for residents of approximately 10 properties for approximately four months.</p> <p>Vibration (not significant): vibratory rollers associated with site set-up and finishing works are predicted to create a moderate vibration impact at properties near to the Proposed Scheme for approximately one month.</p> <p>Visual: the construction of the A574 Warrington Road realignment will result in significant visual effects on residents of these properties.</p> <p>HGV traffic: the A574 Warrington Road is expected to experience a significant increase in HGV traffic (between Cross Lane and New Hall Lane). This will result in a traffic related severance effect for residents along this part of the A574 Warrington Road.</p>
Assessment of magnitude	Low: three significant residual environmental effects for a short duration
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Moderate adverse in-combination effect which is significant due to change to amenity of the residential properties as a result of significant noise, vibration, visual and HGV traffic effects.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Moderate adverse effect which is significant

2.8 Residential properties on the A573 Church Street

Table 8: Residential properties on the A573 Church Street community impact assessment record sheet

Resource name	Residential properties on the A573 Church Street
Community area	MA05: Risley to Bamfurlong
Resource type	Residential property
Resource description/profile	Approximately 120 residential properties along the A573 Church Street in Golborne (between Heath Street and the B5207 Lowton Road).
Assessment year	Construction phase (2025)
Impact 1: temporary in-combination effect	<p>Impact: the A573 Church Street is a designated route for construction traffic and expected to experience a combination of a significant noise effect from road traffic and a traffic related severance effect due to a significant increase in HGV traffic movements.</p> <p>Noise: residents of the properties will experience significant indirect noise effects from traffic during the peak months of construction.</p> <p>HGV traffic: HGV traffic along the route will increase by more than 30%, this will result in a traffic related severance effect for residents of properties between Heath Street and the B5207 Lowton Road on the A573 Church Street in Golborne.</p>
Assessment of magnitude	Low: two significant residual environmental effects for a short duration
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Moderate adverse in-combination effect which is significant due to change to amenity of the residential properties as a result of significant noise and HGV traffic effects.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Moderate adverse effect which is significant

2.9 Residential properties in Lowton

Table 9: Residential properties in Lowton community impact assessment record sheet

Resource name	Residential properties in Lowton
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Approximately 90 residential properties located in Lowton (Lowton Common, Lowton St. Mary's and Wash End).
Assessment year	Construction phase (2025)
Impact 1: temporary in-combination effect	<p>Impact: the residents of approximately 90 residential properties in Lowton will be affected by a combination of significant noise, vibration and visual effects.</p> <p>Noise: the construction of the Lowton cutting will result in significant airborne noise effects for residents of approximately 90 properties for approximately one year and eight months.</p> <p>Vibration (not significant): vibratory rollers associated with site set-up and finishing works, are predicted to create a moderate vibration impact at properties near to the Proposed Scheme for approximately one month.</p> <p>Visual: the construction of the Lowton cutting will result in significant visual effects on residents of these properties.</p>
Assessment of magnitude	Medium: two significant residual environmental effects
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Major adverse in-combination effect which is significant due to change to amenity of the residential properties as a result of significant noise, vibration and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Major adverse effect which is significant

2.10 Residential properties in Little Byrom

Table 10: Residential properties in Little Byrom community impact assessment record sheet

Resource name	Residential properties in Little Byrom
Community area	MA05: Risley to Bamfurlong
Resource type	Residential properties
Resource description/profile	Approximately ten residential properties located in Little Byrom.
Assessment year	Construction phase (2025)
Impact 1: temporary in-combination effect	<p>Impact: the residents of approximately ten residential properties on Saddle Tree Fold and Slag Lane in Little Byrom will be affected by a combination of significant noise, vibration, visual and HGV traffic effects.</p> <p>Noise: the construction of the Slag Lane viaduct and Slag Lane realignment will result in significant airborne noise effects for residents for approximately one year and five months.</p> <p>Vibration (not significant): vibratory rollers associated with site set-up and road embankment works, are predicted to create a moderate vibration impact at properties near to the Proposed Scheme for approximately three months.</p> <p>Visual: the construction of the Slag Lane viaduct and Slag Lane realignment will result in significant visual effects on residents of these properties.</p> <p>HGV traffic: Slag Lane is a designated route for construction traffic to enable access to Slag Lane Satellite Compound. Slag Lane is also expected to experience a significant increase in HGV traffic (between Manor Avenue and Byrom Lane). This will result in a significant traffic related severance effect for residents living on Slag Lane in Little Byrom.</p>
Assessment of magnitude	High: three significant residual environmental effects
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Major adverse in-combination effect which is significant due to change to amenity of the residential properties as a result of significant noise, vibration, visual and HGV traffic effects.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Major adverse effect which is significant

2.11 English Karate Academy, Warehouse Studios

Table 11: English Karate Academy, Warehouse Studios community impact assessment record sheet

Resource name	English Karate Academy, Warehouse Studios
Community area	MA05: Risley to Bamfurlong
Resource type	Community facility
Resource description/profile	English Karate Academy is located in Warehouse Studios on Glaziers Lane, English Karate Academy offers karate classes for children, adults and families at all levels. They provide one to one, group and family classes.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of resource	Impact: the whole of Warehouse Studios and its car park will be demolished as a result of construction of the Culcheth Cutting. English Karate Academy will be demolished and permanently lost. Duration: permanent
Assessment of magnitude	Medium: the resource will be permanently lost
Relevant receptors	Users of English Karate Academy
Assessment of sensitivity of receptor(s) to impact	High: there are limited alternatives in the area that offer the same range of classes.
Significance rating of effect	Major adverse effect which is significant due to land required for the construction of the Proposed Scheme.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Major adverse which is significant

2.12 Lowton Junior and Infant School, Lowton

Table 12: Lowton Junior and Infant School, Lowton community impact assessment record sheet

Resource name	Lowton Junior and Infant School, Lowton
Community area	MA05: Risley to Bamfurlong
Resource type	Community facility
Resource description/profile	Lowton Junior and Infant School is located on the western side of the A572 Newton Road, in the Lowton St Mary's settlement. The school has approximately 210 pupils.
Assessment year	Construction phase (2025)
Impact 1: temporary loss of land	Impact: approximately 0.01ha of the land currently used as a school playing field will be required temporarily for works to realign the Carr Brook through the provision of the Carr Brook aqueduct. The land lies along the south-eastern strip of the school playing fields, comprising approximately 0.6% of the total 1.65ha outdoor space. Duration of impact: three years and three months
Assessment of magnitude	Negligible: the area of land required is a relatively small proportion of the total
Relevant receptors	Children and staff at the school
Assessment of sensitivity of receptor(s) to impact	High: the resource is used on a daily basis and children attending the school and using the outside space have no alternative.
Significance rating of effect	Minor adverse effect which is not significant
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Minor adverse effect which is not significant
Impact 2: temporary significant noise and visual effects	Impact: the A572 Newton Road is the sole access to Lowton Junior and Infant School and will be used as a construction traffic route, enabling access to the A572 Newton Road satellite compound. The A580 East Lancashire main compound will be located adjacent to the school, south of the school playing fields. Construction of the Lowton cutting will also be in proximity to the school. Noise: the location of A580 East Lancashire main compound and the construction of the Lowton cutting will result in significant airborne noise effects for users of the school. Visual: the construction activities adjacent to the school will result in significant visual effects. The noise and visual effects will result in an in-combination effect on the amenity of users of Lowton Junior and Infant School which is significant. Duration of impact: three years and three months
Assessment of magnitude	Medium: two significant residual environmental effects
Relevant receptors	Children and staff at the school
Assessment of sensitivity of receptor(s) to impact	High: children are more sensitive to changes in noise and their visual environment
Significance rating of effect	Major adverse in-combination effect which is significant due to change to amenity of the residential properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	HS2 Ltd will work closely with Lowton Junior and Infant School to identify reasonably practicable measures to mitigate the residual significant amenity effects, including discretionary measures identified in the draft CoCP.

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Resource name	Lowton Junior and Infant School, Lowton
Residual effect significance rating	Major adverse effect which is significant

2.13 Yew Tree Farm Caravan Site, Culcheth

Table 13: Yew Tree Farm Caravan Site, Culcheth community impact assessment record sheet

Resource name	Yew Tree Farm Caravan Club, Culcheth
Community area	MA05: Risley to Bamfurlong
Resource type	Recreational facility
Resource description/profile	Yew Tree Farm Caravan Site is a caravan site located on a working farm, south of Culcheth. The site has five pitches and is open all year round. On-site facilities include laundry, shower and toilet facilities.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	Impact: 0.03ha of 0.12ha of land currently used by the site is required permanently for the A574 Warrington Road overbridge and associated road realignment. Duration of impact: permanent
Assessment of magnitude	Low: only a small area of land is required temporarily, there are no key facilities lost as a result of this requirement and the Caravan Site can continue to function.
Relevant receptors	Users of the recreational facility
Assessment of sensitivity of receptor(s) to impact	Low: there are several other farms and caravan/camping sites offering similar facilities in proximity to Yew Tree Farm. Several other farms adjacent to the Yew Tree Farm include Hope Farm, which is 300m away, and Bates Farm which is 200m away from the Yew Tree Farm Caravan Club. Both are located south along Warrington Road from Yew Tree Farm.
Significance rating of effect	Negligible effect which is not significant
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Negligible effect which is not significant

2.14 Wild Wings Bird of Prey Sanctuary, Culcheth

Table 14: Wild Wings Bird of Prey Sanctuary, Culcheth community impact assessment record sheet

Resource name	Wild Wings Bird of Prey Sanctuary, Culcheth
Community area	MA05: Risley to Bamfurlong
Resource type	Recreational facility
Resource description/profile	Wild Wings Bird of Prey Sanctuary on New Hall Lane, Culcheth is open to the public and provides facilities for caring for injured or abandoned birds of prey. The sanctuary is located off New Hall Road in the Taylor Business Park, 950m south of Culcheth. The sanctuary secured this location in 2017 for five years while looking for a more permanent location.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	Impact: approximately 0.45ha of land at Wild Wings Bird of Prey Sanctuary will be permanently required for the construction of the Culcheth cutting. The conditions of the planning consent for the facility prescribe that the operators must vacate the site prior to the commencement of construction of the Proposed Scheme. As such it is expected that, in compliance with the conditions of the planning consent, and the lease the sanctuary has from the owner of the land, the facility will not be at this location at the commencement of construction works. Duration of impact: permanent
Assessment of magnitude	Negligible: no change to the anticipated functioning of the facility
Relevant receptors	Users of the recreational facility
Assessment of sensitivity of receptor(s) to impact	Low: the five year lease will mean that the sanctuary will have relocated in 2022 and therefore will not be affected by the construction of the Proposed Scheme. The temporary nature of siting the facility at this location means that any reliance or value placed on this facility is considered within the context of its transient location.
Significance rating of effect	Not applicable as no impact is expected
Proposed mitigation options for significant effects	Not applicable as no impact is expected
Residual effect significance rating	Not applicable as no impact is expected

2.15 Gymetc., Newton Road, Lowton

Table 15: Gymetc., Newton Road, Lowton community impact assessment record sheet

Resource name	Gymetc., Newton Road, Lowton
Community area	MA05: Risley to Bamfurlong
Resource type	Recreational facility
Resource description/profile	Gymetc. is a private membership gym on A572 Newton Road in Lowton with over 130 exercise stations, dedicated weights areas, a specialist cardio room, heated swimming pool, steam room and sauna. The gym is open seven days a week and offers a range of classes, including child swimming lessons and child membership.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	Impact: 0.04ha of land, which is currently the car park for the gym, will be permanently required for the construction of the Lowton cutting. 20% of the car park will be required permanently. The current route into the car park will be obstructed during construction. However alternative access will be maintained throughout the construction period. Duration of impact: permanent
Assessment of magnitude	Low: the requirement for land does not affect the gym building and some parking is still available.
Relevant receptors	Users of the recreational facility
Assessment of sensitivity of receptor(s) to impact	Low: the nearest alternative, Leigh Sports Village, is located approximately 2.5km north-west of Gymetc. in Leigh. There are alternative gyms in nearby Golborne.
Significance rating of effect	Negligible effect which is not significant
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Negligible effect which is not significant

2.16 Partridge Lakes Fishery, Wigshaw

Table 16: Partridge Lakes Fishery, Wigsahaw community impact assessment record sheet

Resource name	Partridge Lakes Fishery, Wigshaw
Community area	MA05: Risley to Bamfurlong
Resource type	Recreational facility
Resource description/profile	Partridge Lakes Fishery is located between Little Town and Wigshaw. It is a recreational fishing facility comprising 15 coarse fishing lakes across 28ha. Regular fishing events take place at the site, with smaller matches held almost daily at the fishery, including dedicated matches for those over 60 years of age and for people with disabilities. Facilities on-site include the Partridge Tackle and Bait Shop and the Lakeside Café.
Assessment year	Construction phase (2025)
Impact 1: permanent loss of access	Impact: access to the Partridge Lakes Fishery from Wigshaw Lane (to the west of the fishery entrance) will be permanently restricted by the Culcheth cutting. Access from other directions will be not be permanently affected. Partridge Lakes Fishery can still be accessed via Mustard Lane (pedestrian) and Glaziers Lane (vehicular). The fishery covers 17ha of land (including the lakes), of the land around the lakes, 0.4ha is required for two years and three months during the construction of the Culcheth cutting, none of the lakes themselves are within the land required. Duration of impact: permanent
Assessment of magnitude	Low: Partridge Lakes Fishery can continue to be accessed throughout the construction period. During construction, access to the fishery will be maintained by the link road between the A574 Warrington Road and the existing Wigshaw Lane. This will be constructed prior to the closure of the northern section of Glaziers Lane. Closure of the northern section of Glaziers Lane will increase journey distances to the fishery by up to 3.5km for users living to the north of this resource. The lakes can continue to be used.
Relevant receptors	Users of the recreational facility
Assessment of sensitivity of receptor(s) to impact	Medium: the nearest alternatives are located approximately five km away at Pennington Flash Country Park and Moss Side Farm. The fishery holds regular events for over 60s and disabled people three times a week, however they will be able to continue to participate at events at the current site.
Significance rating of effect	Minor adverse effect which is not significant
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Minor adverse effect which is not significant

2.17 Hesketh Meadows Playing Fields, Lowton

Table 17: Hesketh Meadows Playing Fields, Lowton community impact assessment record sheet

Resource name	Hesketh Meadows Playing Fields, Lowton
Community area	MA05: Risley to Bamfurlong
Resource type	Open space
Resource description/profile	<p>Hesketh Meadows playing fields in Lowton is a 5.6ha site comprising seven football pitches. The site off Hesketh Meadows Lane is used regularly by members of East Leigh Junior Football Club, a football club for children up to the age of 18. The Club presently has 17 teams ranging from under seven to under 18 and an academy for children aged under six.</p> <p>A planning application was approved in 2017 for the formation of 48 new car park spaces comprising 0.86 hectares to serve the existing sports pitch with vehicle access off Hesketh Meadow Lane, with associated landscaping and footpath links.</p>
Assessment year	Construction phase (2025)
Impact 1: permanent loss of land	<p>Impact: all 5.6ha of Hesketh Meadows playing fields is within land required permanently for construction of Lowton cutting. Replacement playing fields will be provided like for like on land at Cheetham Farm which is adjacent to the existing site and 700m by road.</p> <p>Duration of impact: permanent</p>
Assessment of magnitude	High: resource is permanently lost and unusable for its intended purposes
Relevant receptors	Users of the open space, including children participating in football matches
Assessment of sensitivity of receptor(s) to impact	High: it is an important community resource and there are no alternatives nearby. It provides a place of informal recreation for the local residents in addition to the football club.
Significance rating of effect	Major adverse which is significant due to land required for construction of the Proposed Scheme
Proposed mitigation options for significant effects	Replacement playing fields will be provided like for like on land at Cheetham Farm which is adjacent to the existing site and 700m by road.
Residual effect significance rating	Negligible which is not significant

2.18 Byrom Wood, Lowton

Table 18: Byrom Wood, Lowton community impact assessment record sheet

Resource name	Byrom Wood, Lowton
Community area	MA05: Risley to Bamfurlong
Resource type	Open space
Resource description/profile	Byrom Wood located to the north-east of Lowton, is approximately 27ha of woodland with footpaths offering a 1.5km circular route. The area is accessible via Slag Lane and footpaths provide pedestrian access at each of the four corners of the woodland. The wood is used for recreational purposes by dog walkers and people completing the circular route around the wood.
Assessment year	Construction phase (2025)
Impact 1: temporary loss of access	Impact: construction of the Lowton North embankment, Golborne Footpath 33/10 underbridge and Golborne Footpath 31 underbridge will temporarily restrict the use of the circular route as well as the access route to Byrom Wood off Slag Lane. The construction of the Proposed Scheme will restrict the use of the Slag Lane access route. The two footpaths will be reconnected once the works on the underbridges are complete. Temporary diversions and managed crossings will be put in place. Duration of impact: two years and four months
Assessment of magnitude	Low: during construction, access will be maintained through a temporary realignment of Footpath Golborne 33/10 and Footpath Golborne 31/10.
Relevant receptors	Visitors to Byrom Wood
Assessment of sensitivity of receptor(s) to impact	Low: the nearest alternative large area of open space is located at Pennington Flash, which is approximately 1km away to the east of Byrom Wood.
Significance rating of effect	Negligible which is not significant
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Negligible which is not significant
Impact 2: permanent loss of land	Impact: approximately 4ha of land, running south to north through the centre of Byrom Wood is within land required permanently for the construction of the Lowton north embankment, Golborne Footpath 33/10 underbridge and Golborne Footpath 31 underbridge. This will bisect this resource and represents 14% of the open space. Duration of impact: permanent
Assessment of magnitude	Medium: approximately 14% of land at the wood will be lost permanently for the underbridges which will limit the use of the full circular walk. Following construction, the underbridges will provide pedestrian access between the two halves of the remaining woodland.
Relevant receptors	Visitors to Byrom Wood
Assessment of sensitivity of receptor(s) to impact	Medium: the nearest alternative open space is located at Pennington Flash, which is approximately 1km away.
Significance rating of effect	Moderate adverse effect which is significant due to land required for construction of the Proposed Scheme.
Proposed mitigation options for significant effects	HS2 Ltd will work with the local community, the Forestry Commission and Wigan Metropolitan Borough Council (WMBC) to review mitigation measures and determine reasonably practicable methods to mitigate the severance of the

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Resource name	Byrom Wood, Lowton
	existing permissive circular footpath in Byrom Wood. Such measures will aim to provide new sections of permissive footpath to create a new circular walk in the vicinity of Byrom Wood, on land required for the construction of the Proposed Scheme.
Residual effect significance rating	Moderate adverse effect which is significant

3 Community impact assessment record sheets – operation

3.1 Residential properties in Wigshaw

Table 19: Residential properties in Wigshaw community impact assessment record sheet

Resource name	Residential properties in Wigshaw
Community area	MA03: Pickmere to Agden and Hulseheath
Resource type	Residential properties.
Resource description/profile	Approximately 10 residential properties located on Wigshaw Lane and Robins Lane, Wigshaw
Assessment year	Operation phase (2038)
Impact 1: permanent significant noise and visual effects	<p>Impact: due to views of overhead line equipment and the realigned Wigshaw Lane and overbridge, and noise from trains running in the Culcheth cutting, approximately 10 residential properties will experience significant noise and visual effects.</p> <p>Noise: the running of trains along the route and traffic on the realigned Wigshaw Lane will result in significant adverse noise effects during the daytime and night-time on all 10 properties.</p> <p>Visual: residents of all 10 properties will experience significant adverse visual effects due to views of the overhead line equipment and the realigned Wigshaw Lane and overbridge.</p> <p>Duration of impact: permanent</p>
Assessment of magnitude	Medium: two significant residual environmental effects
Relevant receptors	Residents of the properties
Assessment of sensitivity of receptor(s) to impact	High: residential properties and their occupiers are identified as being highly sensitive receptors.
Significance rating of effect	Major adverse significant in-combination effect due to change to amenity, character and residents' enjoyment of the properties as a result of significant noise and visual effects.
Proposed mitigation options for significant effects	No mitigation proposed
Residual effect significance rating	Major adverse effect which is significant

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