## 9.0 References and Sources of Information

AECOM (2016) Leicester – *Burton Rail Passenger Service: Final Report, Leicestershire* County Council and North-West Leicestershire District Council.

Ambrose, K., Hough, E., Smith, N.J.P. and Warrington, G. (2014) *Lithostratigraphy of the Sherwood Sandstone Group of England, Wales and south-west Scotland.* British Geological Survey Research Report RR/14/01.

ArcHeritage (2017). *Transforming the Trent Valley: Cultural Heritage Audit Report.* ArcHeritage, Sheffield.

ArcHeritage (2017). *Transforming the Trent Valley: Cultural Heritage Audit Summary Report.* ArcHeritage, Sheffield.

Ashmead Price (2018). *Review of Landscape Character Assessment.* Ashmead Price, Burton-on-Trent.

Barratt Developments PLC and Urbed (2015) Brookhay, 2nd edition.

Biodiversity Reporting and Information Group. (ed. Ant Maddock) (2008) *UK Biodiversity Action Plan; Priority Habitat Descriptions.* [online]. http://jncc.defra.gov.uk/ PDF/UKBAP\_PriorityHabitatDesc-Rev2011.pdf [Accessed 2018]

Bivans, S. (2014). *Bones, Burials, and the Viking Great Army in Repton.* Retrieved 2017 from http://www.stevebivans.com/2014/07/07/bones-burials-viking-great-army-repton

Black Environment Network (2003). *Capturing Richness,* The Countryside Agency [online] http://publications.naturalengland.org.uk/publication/292346?category=60007 [Accessed 2017]

Breeze, P., Challis K. and Kincey M. (2008) *Staffordshire Water Meadows Survey.* The University of Birmingham on behalf of Staffordshire County Council.

Bridgland, D.R., Howard, A.J., White, M.J., and White, T.S. (2014). *Quaternary of the Trent.* Oxbow: Oxford.

Burton-upon-Trent Tree Project. (2017) *Putting a Value on the Urban Forest.* [online]. https://www.staffordshire.gov.uk/environment/rubbishwasteandrecycling/BURTON-TREE-PROJECT-Full-Report.pdf [Accessed 2018]

Burton2000 (1999). *The Trent Washlands*. Retrieved 2017 from History of the Washlands.http://www.burton2000.co.uk/History%20Gallery/Washlands/index.htm

Buteux, S. and Chapman, H. (2009) Where *Rivers Meet: The archaeology of Catholme and the Trent-Tame confluence*, Council for British Archaeology.

Central Rivers Initiative (2013) From Gravel to Great Days Out, *An economic impact study of the Central Rivers Initiative 2013.* 

Central Rivers Partnership (2013) *Central Rivers Strategy for Wildlife and People.* [unpublished manuscript].

Clark, A., (2017). *Economic Assessment of the Trent Valley Way in the Transforming the Trent Valley Landscape Partnership area.* Walk Unlimited, Halifax.

Cooper, N. (ed.) (2006). *The Archaeology of the East Midlands: An Archaeological Resource Assessment and Research Agenda.* Leicester Archaeology Monograph 13: University of Leicester.

Council of Europe (2000) European Landscape Convention. [online] https://rm.coe. int/1680080621 [Accessed 2018]

Dean, M.T., Browne, M.A.E., Waters, C.N. and Powell, J.H. (2011) *A Lithostratigraphical Framework for the Carboniferous Successions of Northern Great Britain* (Onshore). British Geological Survey Research Report RR/10/07.

Derbyshire Wildlife Trust (2017) Willington Gravel Pits. Retrieved 2018 from https://www. derbyshirewildlifetrust.org.uk/nature-reserves/willington-gravel-pits

Ecosystem Services (2011) *Living within Environmental Limits, What are Ecosystem Services?* Retrieved 2018 from http://www.ecosystemservices.org.uk/ecoserv.htm

English Heritage. (2008). *Conservation Principles, Policies and Guidance*. English Heritage: Swindon.

English Heritage. (2008). *Mineral Extraction and the Historic Environment.* English Heritage: Swindon.

Environment Agency. (2018) *Catchment Data Explorer.* [online]. http://environment.data. gov.uk/catchment-planning/

Gallagher, K. (undated). *Saint Modwen History.* Retrieved 2017 from The local History of Burton upon Trent, http://www.burton-on-trent.org.uk/category/early-history/1000-modwen

GBSLEP (2016) Greater Birmingham and Solihul Strategic Economic Plan 2016-2030. Accessed 2017 from https://gbslep.co.uk/resources/reports/strategic-economic-plan-2016-30

Historic England. (2017) *Conserving Historic Water Meadows V1.2.* [online]. www.historicengland.org.uk

Hölinger, O. and Everard M (2014) *Staffordshire Ecosystem Assessment.* Prepared for Staffordshire County Council, Stoke-on-Trent City Council and Staffordshire Local Nature Partnership.

Howard, A.S., Warrington, G., Ambrose, K. and Rees, J.G. *A Formational Framework for the Mercia Mudstone Group (Triassic) of England and Wales.* British Geological Survey Research Report RR/08/04.

Icarus (2017) Transforming the Trent Valley Visitor Perception Survey Report.

Icarus (2018) *Transforming the Trent Valley Community Conversations Summary Report.* 

Institute of Transport and Tourism, with Simon Holt Marketing Services (2009) *Trent Valley Long Distance Footpath Feasibility Study: Report,* University of Central Lancashire

JBA Consulting (2018) *Brook Hollows Restoration Final Report,* JBA Consulting, Coleshill.

JNCC (2014) *Ecosystem Approach*, Joint Nature Conservation Committee, Peterborough. Retrieved 2018 from http://jncc.defra.gov.uk/default.aspx?page=6276

Knight, D. and Howard, A.J. (2004). *Trent Valley Landscapes. The Archaeology of 500,000 Years of Change.* King's Lynn.

Knight, D., Vyner, B. and Allen, C. (2012). *East Midlands Heritage: An Updated Research Agenda and Strategy for the Historic Environment of the East Midlands.* University of Nottingham and York Archaeological Trust.

Lawton, J.H., Brotherton, P.N.M., Brown, V.K., Elphick, C., Fitter, A.H., Forshaw, J., Haddow, R.W., Hilborner, S., Leafe, R.N., Mace, G.M., Southgate, M.P., Sutherland, W.J., Tew, T.E., Varley, J. and Wynne, G.R. (2010) *Making Space for Nature: a review of England's wildlife sites and ecological networks.* Report to Defra.

Land Use Data (2017) European Union, *Copernicus Land Monitoring Service 2017,* European Environment Agency (EEA)

Lowland Derbyshire Biodiversity Partnership. (2011) *Lowland Derbyshire Biodiversity Action Plan.* [online]. http://www.derbyshirebiodiversity.org.uk/lbaps/ lowland-derbyshire.php

LUC (2018) *Transforming the Trent Valley Landscape Partnership Spatial Framework*, LUC, Edinburgh

Malone, S. and Stein, S. (2017) *Mapping the Palaeochannels of the Trent Catchment Stage 2 Derbyshire, Leicestershire, LincoInshire, North LincoInshire, Staffordshire, and Warwickshire.* Trent and Peak Archaeology, York Archaeological Trust.

MarES, *Changing uses and values of marine ecosystem services in Arctic Norway.* What are marine ecosystem services? Retrieved 2018 from https://arcticmares. com/2017/05/31/what-are-marine-ecosystem-services-2/

Marston's (2017). Retrieved 2017 from Marston's Brewery http://www.marstonsbrewery. co.uk/brewery/backstory/

Martin, T. (2011) Brookhollows: A Short History, unpublished.

Natural England (2005) *"What About Us?" Diversity Review evidence – part one,* CRN94. http://publications.naturalengland.org.uk/publication/63060

Natural England (2013). National Character Area Profile: 69: Trent Valley Washlands

Oates, L. (2018) *Trent Valley Place Names,* Burton Conservation Volunteers, unpublished.

Porter, J., Jagota, L., Brookes, J., Mahony, P., Howard, B., Waters, R., Hunt, D. (2014) *Ecosystem Approach Handbook,* Countryscape, Manchester.

Resources for Change (2018) *Transforming the Trent Valley Evaluation Framework and Handbook.* 

RPA and the Planning Cooperative (2016): *The future economic value of the Trent Valley,* Final Report, March 2016, Loddon, Norfolk, UK

RSPB (2018) *The Farmland Bird Indicator.* [online] Available at: https://www.rspb.org.uk/ our-work/conservation/conservation-and-sustainability/farming/near-you/farmland-birdindicator/ [Accessed 2018].

SOTSEP (2014) Stoke-on-Trent and Staffordshire Enterprise Partnership Strategic Economic Plan 2014-2030. Accessed 2017 from https://www.stokestaffslep.org.uk/ delivering-growth/strategy/

Staffordshire Biodiversity Action Plan Partnership. (2018) *Staffordshire Biodiversity Action Plan.* [online]. http://www.sbap.org.uk/

Staffordshire Wildlife Trust (2013) *East Staffordshire Biodiversity Opportunity Mapping.* [online]. http://www.eaststaffsbc.gov.uk/sites/default/files/docs/planning/ planningpolicy/lpevidence/environment/EastStaffsBiodiversityOpportunityMapping.pdf

Staffordshire Wildlife Trust (2018) *Transforming the Trent Valley Natural Heritage Audit Report.* Staffordshire Wildlife Trust, Stafford.

Staffordshire Wildlife Trust (2018) *Transforming the Trent Valley: Natural Heritage Audit Summary Report.* Staffordshire Wildlife Trust, Stafford.

The Landscape Partnership (2018) *Access and Visitor Audit,* The Landscape Partnership, Bedford.

The Landscape Partnership (2018) *Summary of the Access and Visitor Audit,* The Landscape Partnership, Bedford.

The Landscape Partnership (2018) *Final Report of the Transforming the Trent Valley Canoe Access Audit,* The Landscape Partnership, Bedford.

The National Forest Company (2018) The National Forest – All about the Forest. Retrieved 2018 from http://www.nationalforest.org/forest/

UK National Ecosystem Assessment (2011) *The UK National Ecosystem Assessment Technical Report.* UNEP-WCMC, Cambridge.

University of Birmingham (2012) Where Rivers Meet: Landscape, Ritual, Settlement and the Archaeology of River Gravels [data-set]. York: Archaeology Data Service [distributor] https://doi.org/10.5284/1000311

Watt, S. (ed.) (2011). *The Archaeology of the West Midlands: A Framework for Research.* Oxford: Oxbow.

Walk Unlimited (2017) *Economic Assessment of the Trent Valley Way in the Transforming the Trent Valley Landscape Partnership Area,* Walk Unlimited, Halifax.

Waymark, *Transforming the Trent Valley Landscape Partnership Interpretation Strategy,* Waymark Interpretation LLP.

Whatton, M. (undated). Story Wells Juniors Exploring Burton's Washlands

White, M., Howard, A.J., and Bridgland, D. (2008). Trent Valley Palaeolithic Project [data-set]. York: Archaeology Data Service [distributor] https://doi.org/10.5284/1000361

Wills, L.J. (1956) Concealed Coalfields. Blackie, London.

World Forum on Natural Capital (2018). *What is Natural Capital?* Retrieved 2018 from: https://naturalcapitalforum.com/about/

York Archaeological Trust (2017) Palaeochannels of the Trent Catchment [data-set]. York: Archaeology Data Service [distributor] https://doi.org/10.5284/1043773

# Acronym Decoder

AI	Aggregate Industries
BC	British Canoeing
CAP	Common Agricultural Policy
CHA	Cultural Heritage Audit
CRI	Central Rivers Initiative
CRT	Canal River Trust
DCC	Derbyshire County Council
DWT	Derbyshire Wildlife Trust
EA	Environment Agency
ESBC	East Staffordshire District Council
EU	European Union
FRMS	Flood Risk Management Scheme
GCS	GeoConservation Staffordshire
GIS	Geographic Information System
HER	Historical Environment Records
HPI	Habitats of Principal Importance
HS2	High SpeedTwo
HU	Hanson UK
LCA	Landscape Character Assessment
LCAP	Landscape Conservation Action Plan
LDC	Lichfield District Council
LPS	Landscape Partnership Scheme
LWS	Local Wildlife Site
NCA	National Character Assessment
NERC	Natural Environment and Rural Communities
NFC	National Forest Company
NHA	Natural Heritage Audit
OE	Old English
OS	Old Scandinavian
PFA	Pulverised Fuel Ash
RIGS	Regionally Important Geological/Geomorphological Sites
RSPB	Royal Society for the Protection of Birds
SAC	Special Area of Conservation
SASSOT	Sport Across Staffordshire and Stoke-on-Trent
SCC	Staffordshire County Council
SDDC	South Derbyshire District Council
SSSI	Site of Special Scientific Interest
SuDS	Sustainable Drainage Systems
SuS	Support Staffordshire
SWT TA	Staffordshire Wildlife Trust
TBC	Tarmac Aggregates Ltd
TRT	Tamworth Borough Council Trent RiversTrust
TTTV	Transforming the Trent Valley
TVW	Trent Valley Way
WFD	Water Framework Directive

### **List of Tables**

**Table 1.** Pros and cons of the boundaryrefinement for the Transforming the Trent Valleylandscape.

**Table 2.** Primary audiences that the projectswill aim to reach throughout the delivery of thescheme.

**Table 3.** Further audiences who will benefitfrom the projects throughout the delivery of thescheme

**Table 4.** Responses given by participants of thefinal Community Conversation event providingfeedback on their views about the scheme.

**Table 5.** Threats to our landscape and thechallenges and opportunities they present toour scheme.

**Table 6.** Projects that will be delivered throughour scheme 2019-2024

**Table 7.** Summary of the 16 delivery projectsand how they interconnect to embed thescheme in the landscape and local initiatives.

**Table 8.** Detail of the 16 delivery projects andhow they deliver against the HLF Outcomes.

**Table 9.** Summary of where the projects withinour scheme are delivering against the nine HLFoutcomes.

**Table 10.** Broad themes under which our 16projects will deliver a wider range of outputsand targets that will benefit the landscape andour communities.

**Table 11.** Outputs and targets that will bedelivered by the 16 projects across a range ofthemes

**Table 12.** The partners who are responsible forthe delivery, or overview of the delivery, of the16 projects within our scheme.

**Table 13.** New posts created by the scheme, theprojects that will be managed by each role andthe duration of these roles.

**Table 14.** Summary budget for the Transformingthe Trent Valley Landscape Partnership Scheme

including projected spend over the 5-year scheme.

**Table 15.** Comparison table showing the originalround 1 budget compared to the current round2 budget for the Transforming the Trent ValleyLandscape Partnership Scheme includingprojected spend over the 5-year scheme.

**Table 16.** Strengths and weaknesses of thescheme

**Table 17.** Register of risks that could impact thedelivery of the scheme, and the mitigation ofthese risks

**Table 18.** Potential tools for monitoring andevaluation

Table 19. Legacy of the scheme by project

#### **List of Maps**

**Map 1.** Location map of the Transforming the Trent Valley landscape

**Map 2.** Location of the Transforming the Trent Valley landscape showing the principal rivers and canals

Map 3. Key settlements in the landscape.

**Map 4.** The Transforming the Trent Valley Landscape overlain by the original projected area.

**Map 5.** Principal landscape character types that characterise the landscape.

Map 6. Bedrock geology of the area

Map 7. Superficial deposits of the area

Map 8. Historic palaeochannels of the area

**Map 9.** Distribution of 20th-century military and commemorative sites

Map 10. Designated Sites across our landscape

**Map 11.** Habitat distinctiveness based on land use and habitat data

**Map 12.** Land use allocations across the landscape

**Map 13.** Distribution of landholdings currently in Environmental Stewardship

**Map 14.** Study area map showing designated cultural heritage sites

**Map 15.** Distribution of priority heritage sites for conservation

**Map 16.** Location map of Tucklesholme Quarry Nature Reserve

**Map 17.** Location map of Willington Quarry Nature Reserve.

Map 18 Location map of Rolleston Brook Hollows

Map 19. Location map of the Burton Washlands

**Map 20.** Location map of the National Memorial Arboretum

Map 21. Location map of Barton Marina

**Map 22**. Trent Valley Way and the associated circular walks and spurs crossing the Trent Valley.

**Map 23.** Canals crossing the Trent Valley landscape with the five key improvement locations.

**Map 24.** Portage and access points for canoeists on the RiverTame.

**Map 25.** Key infrastructure routes across the Transforming the Trent Valley landscape

**Map 26.** Transport infrastructure highlighted as having a spatial influence on the landscape

Map 27. Existing Infrastructure and the proposed HS2 Route

**Map 28**. The distribution of proposed housing development in the Trent Valley landscape

**Map 29.** Plan showing the extent of active and planned mineral developments across the landscape highlighting the significant pressure this landscape is under

**Map 30.** Opportunity concentrations in the Transforming the Trent Valley landscape

**Map 31.** Pressure concentrations in the Transforming the Trent Valley landscape

**Map 32.** Habitat Opportunities across the landscape

**Map 33.** Distribution of Cultural Heritage Assets across the landscape including priority sites for conservation and historical sites associated with the World War 2 Stop Line.

**Map 34**. Access and Infrastructure projects across the Trent Valley landscape.

**Map 35.** Key interpretation sites across the Trent Valley landscape.

#### **List of Figures**

**Figure 1.** Schematic profile of the Trent terraces

Figure 2. Ecosystem services wheel

**Figure 3.** Word cloud showing the most frequently used words that sum up the Trent Valley selected by the community

**Figure 4.** Word cloud summarising the themes for change as perceived by the community

**Figure 5.** Overview showing how the delivery projects interconnect.

**Figure 6.** Organisational structure for the delivery of the scheme showing the principal parties, levels of hierarchy, and how information and advice will be disseminated across all relevant parties.

**Figure 7.** Staff structure showing the new roles that will be created by the scheme and how reporting and line management will be organised.

**Figure 8.** Timeline showing the duration of the new staff roles over the 5 years of the scheme. The darker lines represent full-time staff and the pale lines represent part-time staff.

**Figure 9.** Timetable of delivery for the individual projects during the 5 years of the scheme.