

Tritax Symmetry (Hinckley) Limited

## **HINCKLEY NATIONAL RAIL FREIGHT INTERCHANGE**

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### **The Hinckley National Rail Freight Interchange Development Consent Order**

Project reference TR050007

### **Environmental Statement Volume 2: Appendices**

### **Appendix 9.5: Air Quality Road Traffic Emissions Assessment - Ecological Transect Locations - Construction Phase and Operational Phase**

Document reference: 6.2.9.5

Revision: 01

**November 2022**

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Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009  
Regulation 5(2)(a)

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017  
Regulation 14

**This document forms a part of the Environmental Statement for the Hinckley National Rail Freight Interchange project.**

Tritax Symmetry (Hinckley) Limited (TSH) has applied to the Secretary of State for Transport for a Development Consent Order (DCO) for the Hinckley National Rail Freight Interchange (HNRFI).

To help inform the determination of the DCO application, TSH has undertaken an environmental impact assessment (EIA) of its proposals. EIA is a process that aims to improve the environmental design of a development proposal, and to provide the decision maker with sufficient information about the environmental effects of the project to make a decision.

The findings of an EIA are described in a written report known as an Environmental Statement (ES). An ES provides environmental information about the scheme, including a description of the development, its predicted environmental effects and the measures proposed to ameliorate any adverse effects.

**Further details about the proposed Hinckley National Rail Freight Interchange are available on the project website:**



**The DCO application and documents relating to the examination of the proposed development can be viewed on the Planning Inspectorate's National Infrastructure Planning website:**

**<https://infrastructure.planninginspectorate.gov.uk/projects/east-midlands/hinckley-national-rail-freight-interchange/>**

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## APPENDIX 6.2.9.5: AIR QUALITY ROAD TRAFFIC EMISSIONS ASSESSMENT - ECOLOGICAL TRANSECT LOCATIONS - CONSTRUCTION PHASE AND OPERATIONAL PHASE

### Ecological Transects

Transect points were modelled at 10m intervals within sensitive ecological designations up to 200m from the affected road network in accordance with IAQM<sup>1</sup> and DMRB<sup>2</sup> guidance. Ecological designations including Ancient Woodland (AW), Local Nature Reserves (LNR), Sites of Special Scientific Interest (SSSI) and Special Areas of Conservation (SAC) were considered within the assessments where they were located within 200m of the affected road network in accordance with the DMRB criteria. Figure 6.3.9.4 illustrates the ecological designations considered within the construction phase road traffic emissions assessment.

Ecological transects were modelled at 0m ground height. Transect points were started at the closest point of the designation to the affected road network. Figures 6.3.9.12 – 6.3.9.14 illustrate the transect locations considered in the operational phase road traffic emissions assessment.

Air Pollution Information Systems (APIS)<sup>3</sup> provided sensitive species habitats for each of the ecological sites. Where this information was not available on APIS, information was obtained from the appointed ecological consultants for the project.

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<sup>1</sup> Institute of Air Quality Management, (2019), A guide to the assessment of air quality impacts on designated nature conservation sites

<sup>2</sup> Highways England, (2019), Design Manual for Roads and Bridges LA 105 Air Quality

<sup>3</sup> Air Pollution Information System (APIS) [REDACTED]

**Blaby District Council**

**Table 5.1: Blaby District Council ecological transect locations.**

Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Burbage LNR_T1_15m	445439	295021	Burbage LNR	Lowland dry acid grassland
Burbage LNR_T1_25m	445429	295020	Burbage LNR	
Burbage LNR_T1_35m	445419	295019	Burbage LNR	
Burbage LNR_T1_45m	445409	295017	Burbage LNR	
Burbage LNR_T1_55m	445399	295016	Burbage LNR	
Burbage LNR_T1_65m	445389	295015	Burbage LNR	
Burbage LNR_T1_75m	445379	295014	Burbage LNR	
Burbage LNR_T1_85m	445368	295013	Burbage LNR	

Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Burbage LNR_T1_95m	445358	295011	Burbage LNR	
Burbage LNR_T1_105m	445349	295010	Burbage LNR	
Burbage LNR_T1_115m	445338	295009	Burbage LNR	
Burbage LNR_T1_125m	445328	295008	Burbage LNR	
Burbage LNR_T1_135m	445318	295006	Burbage LNR	
Burbage LNR_T1_145m	445308	295005	Burbage LNR	
Burbage LNR_T1_155m	445298	295004	Burbage LNR	
Burbage LNR_T1_165m	445288	295003	Burbage LNR	
Burbage LNR_T1_175m	445278	295002	Burbage LNR	
Burbage LNR_T1_185m	445268	295000	Burbage LNR	

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Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Burbage LNR_T1_195m	445258	294999	Burbage LNR	
Burbage LNR_T2_42m	444910	295429	Burbage LNR	
Burbage LNR_T2_52m	444902	295422	Burbage LNR	
Burbage LNR_T2_62m	444895	295415	Burbage LNR	
Burbage LNR_T2_72m	444888	295408	Burbage LNR	
Burbage LNR_T2_82m	444938	295456	Burbage LNR	
Burbage LNR_T2_92m	444917	295435	Burbage LNR	
Burbage LNR_T2_102m	444924	295442	Burbage LNR	
Burbage LNR_T2_112m	444931	295449	Burbage LNR	
Burbage LNR_T2_122m	444974	295490	Burbage LNR	

Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Burbage LNR_T2_132m	444967	295484	Burbage LNR	
Burbage LNR_T2_142m	444995	295511	Burbage LNR	
Burbage LNR_T2_152m	444945	295463	Burbage LNR	
Burbage LNR_T2_162m	444952	295470	Burbage LNR	
Burbage LNR_T2_172m	444960	295477	Burbage LNR	
Burbage LNR_T2_182m	444988	295504	Burbage LNR	
Burbage LNR_T2_192m	444981	295497	Burbage LNR	
Burbage LNR_T2_202m	444880	295400	Burbage LNR	
Burbage LNR_T3_76m	446066	294299	Burbage LNR	
Burbage LNR_T3_86m	446063	294290	Burbage LNR	

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Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Burbage LNR_T3_96m	446059	294280	Burbage LNR	
Burbage LNR_T3_106m	446055	294271	Burbage LNR	
Burbage LNR_T3_116m	446051	294262	Burbage LNR	
Burbage LNR_T3_126m	446048	294252	Burbage LNR	
Burbage LNR_T3_136m	446026	294196	Burbage LNR	
Burbage LNR_T3_146m	446044	294243	Burbage LNR	
Burbage LNR_T3_156m	446040	294233	Burbage LNR	
Burbage LNR_T3_166m	446037	294224	Burbage LNR	
Burbage LNR_T3_176m	446033	294215	Burbage LNR	
Burbage LNR_T3_186m	446029	294205	Burbage LNR	



Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Burbage LNR_T3_196m	446015	294168	Burbage LNR	
Freeholt Wood AW_T1_55m	446022	294187	Free Holt Wood Ancient Woodland	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Freeholt Wood AW_T1_65m	446019	294178	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_75m	445358	293657	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_85m	445362	293665	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_95m	445366	293675	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_105m	445370	293684	Free Holt Wood Ancient Woodland	
Freeholt Wood	445374	293692	Free Holt Wood	

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Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
AW_T1_115m			Ancient Woodland	
Freeholt Wood AW_T1_125m	445378	293701	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_135m	445382	293710	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_145m	445386	293719	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_155m	445406	293763	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_165m	445410	293772	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_175m	445414	293781	Free Holt Wood Ancient Woodland	
Freeholt Wood AW_T1_185m	445418	293790	Free Holt Wood Ancient Woodland	

Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Freeholt Wood AW_T1_195m	445390	293728	Free Holt Wood Ancient Woodland	
Aston Firs SSSI_T1_7m	445394	293737	Aston Firs SSSI	Broad-leaved, mixed and yew woodland ( <i>Fraxinus excelsior</i> - <i>Acer campestre</i> - <i>Mercurialis perennis</i> woodland and <i>Quercus</i> <i>robur</i> - <i>Pteridium aquilinum</i> - <i>Rubus</i> <i>fruticosus</i> woodland)
AstonFirs_SSSI_T1_17m	445398	293746	Aston Firs SSSI	
Aston Firs SSSI_T1_27m	445402	293755	Aston Firs SSSI	
Aston Firs SSSI_T1_37m	445427	293809	Aston Firs SSSI	
Aston Firs SSSI_T1_47m	445422	293799	Aston Firs SSSI	
Aston Firs SSSI_T1_57m	445435	293827	Aston Firs SSSI	
Aston Firs SSSI_T1_67m	445431	293818	Aston Firs SSSI	
Aston Firs SSSI_T1_77m	445791	293782	Aston Firs SSSI	

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Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Aston Firs SSSI_T1_87m	445782	293788	Aston Firs SSSI	
Aston Firs SSSI_T1_97m	445774	293793	Aston Firs SSSI	
Aston Firs SSSI_T1_107m	445765	293799	Aston Firs SSSI	
Aston Firs SSSI_T1_117m	445749	293810	Aston Firs SSSI	
Aston Firs SSSI_T1_127m	445757	293804	Aston Firs SSSI	
Aston Firs SSSI_T1_137m	445715	293832	Aston Firs SSSI	
Aston Firs SSSI_T1_147m	445707	293837	Aston Firs SSSI	
Aston Firs SSSI_T1_157m	445740	293815	Aston Firs SSSI	
Aston Firs SSSI_T1_167m	445723	293826	Aston Firs SSSI	
Aston Firs SSSI_T1_177m	445732	293821	Aston Firs SSSI	

Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Aston Firs SSSI_T1_187m	445698	293843	Aston Firs SSSI	
Aston Firs SSSI_T1_197m	445690	293848	Aston Firs SSSI	
Aston Firs SSSI_T2_0m	445681	293854	Aston Firs SSSI	
Aston Firs SSSI_T2_10m	445664	293865	Aston Firs SSSI	
Aston Firs SSSI_T2_20m	445673	293859	Aston Firs SSSI	
Aston Firs SSSI_T2_30m	445631	293887	Aston Firs SSSI	
Aston Firs SSSI_T2_40m	445623	293892	Aston Firs SSSI	
Aston Firs SSSI_T2_50m	445656	293870	Aston Firs SSSI	
Aston Firs SSSI_T2_60m	445639	293881	Aston Firs SSSI	
Aston Firs SSSI_T2_70m	445648	293876	Aston Firs SSSI	

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Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Aston Firs SSSI_T2_80m	444731	295449	Aston Firs SSSI	
Aston Firs SSSI_T2_90m	444739	295444	Aston Firs SSSI	
Aston Firs SSSI_T2_100m	444748	295438	Aston Firs SSSI	
Aston Firs SSSI_T2_110m	444757	295433	Aston Firs SSSI	
Aston Firs SSSI_T2_120m	444774	295422	Aston Firs SSSI	
Aston Firs SSSI_T2_130m	444765	295428	Aston Firs SSSI	
Aston Firs SSSI_T2_140m	444791	295412	Aston Firs SSSI	
Aston Firs SSSI_T2_150m	444782	295417	Aston Firs SSSI	
Aston Firs SSSI_T2_160m	444809	295401	Aston Firs SSSI	
Aston Firs SSSI_T2_170m	444800	295406	Aston Firs SSSI	

Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Aston Firs SSSI_T2_180m	444817	295395	Aston Firs SSSI	
Aston Firs SSSI_T2_190m	444826	295390	Aston Firs SSSI	
Aston Firs SSSI_T2_200m	444835	295384	Aston Firs SSSI	
Narborough Bogs SSSI_127m	454742	297717	Narborough Bog SSSI	Broad-leaved, mixed and yew woodland ( <i>Alnus glutinosa</i> - <i>Carex paniculata</i> woodland)
Narborough Bogs SSSI_137m	454747	297725	Narborough Bog SSSI	
Narborough Bogs SSSI_147m	454753	297734	Narborough Bog SSSI	
Narborough Bogs SSSI_157m	454758	297742	Narborough Bog SSSI	
Narborough Bogs SSSI_167m	454764	297751	Narborough Bog SSSI	

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Ecological Transect Point	X coordinate	Y coordinate	Ecological Designation	Sensitive Species
Narborough Bogs SSSI_187m	454775	297767	Narborough Bog SSSI	
Narborough Bogs SSSI_177m	454769	297759	Narborough Bog SSSI	
Narborough Bogs SSSI_197m	454780	297776	Narborough Bog SSSI	

*Coventry City Council*

Table 5.2: Coventry City Council ecological transect locations.

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Wyken Slough LNR_153m	436302	283607	Wyken Slough LNR	Valley mire, poor fens and transitional mire habitat (Fens, March and Swamp)
Wyken Slough LNR_163m	436297	283599	Wyken Slough LNR	
Wyken Slough LNR_173m	436291	283591	Wyken Slough LNR	



Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Wyken Slough LNR_183m	436280	283575	Wyken Slough LNR	
Wyken Slough LNR_193m	436285	283582	Wyken Slough LNR	

### Harborough District Council

Table 5.3: Harborough District Council ecological transect locations.

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Cave's Inn Pits SSSI_96m	453655	279419	Cave's Inn Pits SSSI	Neutral grassland ( <i>Cynosurus cristatus</i> - <i>Centaurea nigra</i> grassland)
Cave's Inn Pits SSSI_106m	453664	279421	Cave's Inn Pits SSSI	
Cave's Inn Pits SSSI_116m	453674	279424	Cave's Inn Pits SSSI	
Cave's Inn Pits SSSI_126m	453683	279427	Cave's Inn Pits SSSI	
Cave's Inn Pits SSSI_136m	453702	279432	Cave's Inn Pits SSSI	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Cave's Inn Pits SSSI_146m	453693	279430	Cave's Inn Pits SSSI	
Cave's Inn Pits SSSI_156m	453712	279435	Cave's Inn Pits SSSI	
Cave's Inn Pits SSSI_176m	453721	279437	Cave's Inn Pits SSSI	
Cave's Inn Pits SSSI_186m	453731	279440	Cave's Inn Pits SSSI	
Cave's Inn Pits SSSI_196m	453740	279443	Cave's Inn Pits SSSI	
Shawell Wood AW_26m	454980	281950	Shawell Wood AW	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Shawell Wood AW_36m	454989	281950	Shawell Wood AW	
Shawell Wood AW_46m	454999	281950	Shawell Wood AW	
Shawell Wood AW_56m	455009	281950	Shawell Wood AW	
Shawell Wood AW_66m	455019	281950	Shawell Wood AW	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Shawell Wood AW_76m	455029	281950	Shawell Wood AW	
Shawell Wood AW_86m	455039	281950	Shawell Wood AW	
Shawell Wood AW_96m	455048	281950	Shawell Wood AW	
Shawell Wood AW_106m	455058	281950	Shawell Wood AW	
Shawell Wood AW_116m	455068	281950	Shawell Wood AW	
Shawell Wood AW_126m	455078	281950	Shawell Wood AW	
Shawell Wood AW_136m	455088	281950	Shawell Wood AW	
Shawell Wood AW_146m	455098	281950	Shawell Wood AW	
Shawell Wood AW_156m	455108	281950	Shawell Wood AW	
Shawell Wood AW_166m	455118	281951	Shawell Wood AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Shawell Wood AW_176m	455128	281951	Shawell Wood AW	
Shawell Wood AW_186m	455137	281951	Shawell Wood AW	
Shawell Wood AW_196m	455147	281951	Shawell Wood AW	

*Hinckley and Bosworth Borough Council*

Table 5.4: Hinckley and Bosworth Borough Council ecological transect locations.

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Martinshaw Wood AW_T1_5m	450305	307154	Martinshaw Wood AW	Coniferous Woodland
Martinshaw Wood AW_T1_15m	450315	307154	Martinshaw Wood AW	
Martinshaw Wood AW_T1_25m	450325	307154	Martinshaw Wood AW	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Martinshaw Wood AW_ T1_35m	450335	307153	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_45m	450345	307153	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_55m	450355	307152	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_65m	450365	307152	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_75m	450375	307151	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_85m	450385	307151	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_95m	450395	307150	Martinshaw Wood AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Martinshaw Wood AW_ T1_105m	450404	307150	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_115m	450414	307149	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_125m	450424	307149	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_135m	450434	307149	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_145m	450444	307148	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_155m	450454	307148	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_165m	450464	307147	Martinshaw Wood AW	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Martinshaw Wood AW_ T1_175m	450473	307147	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_185m	450483	307147	Martinshaw Wood AW	
Martinshaw Wood AW_ T1_195m	450493	307146	Martinshaw Wood AW	
Martinshaw Wood AW_T2_23m	450234	307138	Martinshaw Wood South AW	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Martinshaw Wood AW_T2_33m	450237	307128	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_43m	450240	307119	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_53m	450243	307109	Martinshaw Wood South AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Martinshaw Wood AW_T2_63m	450246	307100	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_73m	450249	307091	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_83m	450252	307081	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_93m	450255	307072	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_103m	450258	307062	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_113m	450261	307053	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_123m	450264	307043	Martinshaw Wood South AW	



Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Martinshaw Wood AW_T2_133m	450267	307034	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_143m	450270	307025	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_153m	450273	307015	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_163m	450276	307006	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_173m	450279	306996	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_183m	450282	306987	Martinshaw Wood South AW	
Martinshaw Wood AW_T2_193m	450285	306978	Martinshaw Wood South AW	

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Coniferous woodland was considered the most sensitive woodland habitat in Martinshaw Wood AW on transect 1 as confirmed by the appointed ecological consultant. Therefore the critical load for coniferous woodland was utilised in the assessment.

**North West Leicestershire District Council**

**Table 5.5: North West Leicestershire District Council ecological transect locations.**

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Oakley Wood SSSI_T1_33m	448376	321114	Oakley Wood SSSI	Broad-leaved, mixed and yew woodland (Fraxinus excelsior - Acer campestre - Mercurialis perennis woodland and Quercus robur - Pteridium aquilinum - Rubus fruticosus woodland)
Oakley Wood SSSI_T1_43m	448379	321124	Oakley Wood SSSI	
Oakley Wood SSSI_T1_53m	448382	321133	Oakley Wood SSSI	
Oakley Wood SSSI_T1_63m	448384	321143	Oakley Wood SSSI	
Oakley Wood SSSI_T1_73m	448387	321152	Oakley Wood SSSI	
Oakley Wood SSSI_T1_83m	448390	321162	Oakley Wood SSSI	
Oakley Wood SSSI_T1_93m	448393	321172	Oakley Wood SSSI	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Oakley Wood SSSI_T1_103m	448396	321181	Oakley Wood SSSI	
Oakley Wood SSSI_T1_113m	448398	321191	Oakley Wood SSSI	
Oakley Wood SSSI_T1_123m	448401	321201	Oakley Wood SSSI	
Oakley Wood SSSI_T1_133m	448404	321210	Oakley Wood SSSI	
Oakley Wood SSSI_T1_143m	448407	321220	Oakley Wood SSSI	
Oakley Wood SSSI_T1_153m	448410	321229	Oakley Wood SSSI	
Oakley Wood SSSI_T1_163m	448412	321239	Oakley Wood SSSI	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Oakley Wood SSSI_T1_173m	448415	321248	Oakley Wood SSSI	
Oakley Wood SSSI_T1_183m	448418	321258	Oakley Wood SSSI	
Oakley Wood SSSI_T1_193m	448421	321267	Oakley Wood SSSI	
Piper Wood AW_T1_24m	447903	321826	Piper Wood AW	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Pipers Wood AW_T1_34m	447899	321817	Piper Wood AW	
Pipers Wood AW_T1_44m	447895	321808	Piper Wood AW	
Pipers Wood AW_T1_54m	447892	321798	Piper Wood AW	
Piper Wood AW_T1_64m	447888	321789	Piper Wood AW	
Pipers Wood AW_T1_74m	447884	321780	Piper Wood AW	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Pipers Wood AW_T1_84m	447880	321770	Piper Wood AW	
Pipers Wood AW_T1_94m	447877	321761	Piper Wood AW	
Pipers Wood AW_T1_104m	447873	321751	Piper Wood AW	
Piper Wood AW_T1_114m	447869	321742	Piper Wood AW	
Pipers Wood AW_T1_124m	447866	321733	Piper Wood AW	
Pipers Wood AW_T1_134m	447862	321723	Piper Wood AW	
Pipers Wood AW_T1_144m	447858	321714	Piper Wood AW	
Piper Wood AW_T1_154m	447854	321704	Piper Wood AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Pipers Wood AW_T1_164m	447851	321695	Piper Wood AW	
Pipers Wood AW_T1_174m	447847	321686	Piper Wood AW	
Pipers Wood AW_T1_184m	447843	321676	Piper Wood AW	
Pipers Wood AW_T1_194m	447840	321667	Piper Wood AW	
Pipers Wood AW_T2_29m	447783	322175	Piper Wood AW	
Pipers Wood AW_T2_39m	447792	322171	Piper Wood AW	
Pipers Wood AW_T2_49m	447801	322167	Piper Wood AW	
Pipers Wood AW_T2_59m	447810	322163	Piper Wood AW	
Pipers Wood AW_T2_69m	447820	322159	Piper Wood AW	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Pipers Wood AW_T2_79m	447829	322156	Piper Wood AW	
Pipers Wood AW_T2_89m	447838	322152	Piper Wood AW	
Pipers Wood AW_T2_99m	447848	322148	Piper Wood AW	
Pipers Wood AW_T2_109m	447857	322144	Piper Wood AW	
Pipers Wood AW_T2_119m	447866	322140	Piper Wood AW	
Pipers Wood AW_T2_129m	447875	322136	Piper Wood AW	
Pipers Wood AW_T2_139m	447885	322132	Piper Wood AW	
Pipers Wood AW_T2_149m	447894	322129	Piper Wood AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Pipers Wood AW_T2_159m	447903	322125	Piper Wood AW	
Tonge Gorse AW_3m	443688	322460	Tonge Gorse AW	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Tonge Gorse AW_13m	443683	322452	Tonge Gorse AW	
Tonge Gorse AW_23m	443678	322443	Tonge Gorse AW	
Tonge Gorse AW_33m	443672	322434	Tonge Gorse AW	
Tonge Gorse AW_43m	443667	322426	Tonge Gorse AW	
Tonge Gorse AW_53m	443662	322417	Tonge Gorse AW	
Tonge Gorse AW_63m	443657	322408	Tonge Gorse AW	
Tonge Gorse AW_73m	443652	322400	Tonge Gorse AW	
Tonge Gorse AW_83m	443647	322391	Tonge Gorse AW	



Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Tonge Gorse AW_93m	443642	322382	Tonge Gorse AW	
Tonge Gorse AW_103m	443637	322374	Tonge Gorse AW	
Tonge Gorse AW_113m	443632	322365	Tonge Gorse AW	
Tonge Gorse AW_123m	443627	322356	Tonge Gorse AW	
Tonge Gorse AW_133m	443622	322348	Tonge Gorse AW	
Tonge Gorse AW_143m	443616	322339	Tonge Gorse AW	
Tonge Gorse AW_153m	443611	322330	Tonge Gorse AW	
Tonge Gorse AW_163m	443606	322322	Tonge Gorse AW	
Tonge Gorse AW_173m	443601	322313	Tonge Gorse AW	
Tonge Gorse AW_183m	443596	322305	Tonge Gorse AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Tonge Gorse AW_193m	443591	322296	Tonge Gorse AW	
Lount Meadows SSSI_15m	438758	319129	Lount Meadows SSSI	Neutral grassland ( <i>Cynosurus cristatus</i> - <i>Centaurea nigra</i> grassland)
Lount Meadows SSSI_25m	438748	319129	Lount Meadows SSSI	
Lount Meadows SSSI_35m	438738	319128	Lount Meadows SSSI	
Lount Meadows SSSI_45m	438728	319128	Lount Meadows SSSI	
Lount Meadows SSSI_55m	438718	319127	Lount Meadows SSSI	
Lount Meadows SSSI_65m	438708	319126	Lount Meadows SSSI	
Lount Meadows SSSI_75m	438698	319126	Lount Meadows SSSI	
Lount Meadows SSSI_85m	438688	319125	Lount Meadows SSSI	
Lount Meadows SSSI_95m	438678	319125	Lount Meadows SSSI	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Lount Meadows SSSI_105m	438668	319124	Lount Meadows SSSI	
Lount Meadows SSSI_105m	438658	319124	Lount Meadows SSSI	
Lount Meadows SSSI_115m	438648	319123	Lount Meadows SSSI	
Lount Meadows SSSI_125m	438637	319123	Lount Meadows SSSI	
Lount Meadows SSSI_135m	438627	319122	Lount Meadows SSSI	
Lount Meadows SSSI_145m	438617	319122	Lount Meadows SSSI	
Lount Meadows SSSI_155m	438607	319121	Lount Meadows SSSI	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Lount Meadows SSSI_165m	438597	319121	Lount Meadows SSSI	
Lount Meadows SSSI_175m	438587	319120	Lount Meadows SSSI	
Lount Meadows SSSI_185m	438577	319120	Lount Meadows SSSI	
River Mease SAC_north_0m	431485	312000	River Mease SAC/SSSI	<i>Cobitis taenia</i> - Spined Loach and <i>Cottus gobio</i> - Bullhead
River Mease SAC_north_10m	431479	312008	River Mease SAC/SSSI	
River Mease SAC_north_20m	431474	312017	River Mease SAC/SSSI	
River Mease SAC_north_30m	431468	312025	River Mease SAC/SSSI	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
River Mease SAC_north_40m	431461	312032	River Mease SAC/SSSI	
River Mease SAC_north_50m	431453	312039	River Mease SAC/SSSI	
River Mease SAC_north_60m	431446	312045	River Mease SAC/SSSI	
River Mease SAC_north_70m	431438	312051	River Mease SAC/SSSI	
River Mease SAC_north_80m	431430	312057	River Mease SAC/SSSI	
River Mease SAC_north_90m	431421	312060	River Mease SAC/SSSI	
River Mease SAC_north_100m	431411	312063	River Mease SAC/SSSI	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
River Mease SAC_north_110m	431403	312069	River Mease SAC/SSSI	
River Mease SAC_north_120m	431395	312075	River Mease SAC/SSSI	
River Mease SAC_north_130m	431386	312080	River Mease SAC/SSSI	
River Mease SAC_north_140m	431377	312085	River Mease SAC/SSSI	
River Mease SAC_north_150m	431369	312091	River Mease SAC/SSSI	
River Mease SAC_north_160m	431361	312096	River Mease SAC/SSSI	
River Mease SAC_north_170m	431353	312102	River Mease SAC/SSSI	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
River Mease SAC_north_180m	431356	312111	River Mease SAC/SSSI	
River Mease SAC_north_190m	431363	312118	River Mease SAC/SSSI	
River Mease SAC_north_200m	431372	312120	River Mease SAC/SSSI	
River Mease SAC_south_0m	431499	311980	River Mease SAC/SSSI	
River Mease SAC_south_10m	431505	311972	River Mease SAC/SSSI	
River Mease SAC_south_20m	431511	311964	River Mease SAC/SSSI	
River Mease SAC_south_30m	431517	311956	River Mease SAC/SSSI	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
River Mease SAC_south_40m	431525	311949	River Mease SAC/SSSI	
River Mease SAC_south_50m	431534	311945	River Mease SAC/SSSI	
River Mease SAC_south_60m	431543	311939	River Mease SAC/SSSI	
River Mease SAC_south_70m	431551	311934	River Mease SAC/SSSI	
River Mease SAC_south_80m	431560	311929	River Mease SAC/SSSI	
River Mease SAC_south_90m	431569	311925	River Mease SAC/SSSI	
River Mease SAC_south_100m	431578	311927	River Mease SAC/SSSI	



Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
River Mease SAC_south_110m	431586	311934	River Mease SAC/SSSI	
River Mease SAC_south_120m	431595	311939	River Mease SAC/SSSI	
River Mease SAC_south_130m	431604	311938	River Mease SAC/SSSI	
River Mease SAC_south_140m	431614	311934	River Mease SAC/SSSI	
River Mease SAC_south_150m	431623	311935	River Mease SAC/SSSI	
River Mease SAC_south_160m	431632	311938	River Mease SAC/SSSI	
River Mease SAC_south_170m	431642	311942	River Mease SAC/SSSI	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
River Mease SAC_south_180m	431652	311942	River Mease SAC/SSSI	
River Mease SAC_south_190m	431662	311941	River Mease SAC/SSSI	
River Mease SAC_south_200m	431672	311938	River Mease SAC/SSSI	

No critical load was assigned to the River Mease SAC as it is a freshwater flowing stream which the appointed ecological consultant advised is not considered to be sensitive to nitrogen deposition. Transect points were however modelled to consider the change in nitrogen deposition at the request of the appointed ecological consultant.

**North Warwickshire District Council**

**Table 5.6: North Warwickshire District Council ecological transect locations.**

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Bramcote Covert AW_106m	427503	305704	Bramcote Covert AW	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Bramcote Covert AW_116m	427494	305709	Bramcote Covert AW	
Bramcote Covert AW_126m	427485	305713	Bramcote Covert AW	
Bramcote Covert AW_136m	427467	305723	Bramcote Covert AW	
Bramcote Covert AW_146m	427476	305718	Bramcote Covert AW	
Bramcote Covert AW_156m	427459	305727	Bramcote Covert AW	
Bramcote Covert AW_166m	427432	305742	Bramcote Covert AW	
Bramcote Covert AW_176m	427450	305732	Bramcote Covert AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Bramcote Covert AW_186m	427423	305746	Bramcote Covert AW	
Bramcote Covert AW_196m	427441	305737	Bramcote Covert AW	
Alvecote Pools SSSI_86m	426298	304118	Alvecote Pools SSSI	Aythya ferina - Pochard
Alvecote Pools SSSI_96m	426289	304124	Alvecote Pools SSSI	
Alvecote Pools SSSI_106m	426280	304130	Alvecote Pools SSSI	
Alvecote Pools SSSI_116m	426272	304134	Alvecote Pools SSSI	
Alvecote Pools SSSI_126m	426263	304139	Alvecote Pools SSSI	
Alvecote Pools SSSI_136m	426254	304144	Alvecote Pools SSSI	
Alvecote Pools SSSI_146m	426237	304154	Alvecote Pools SSSI	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Alvecote Pools SSSI_156m	426245	304149	Alvecote Pools SSSI	
Alvecote Pools SSSI_166m	426228	304159	Alvecote Pools SSSI	
Alvecote Pools SSSI_176m	426211	304169	Alvecote Pools SSSI	
Alvecote Pools SSSI_186m	426202	304174	Alvecote Pools SSSI	
Alvecote Pools SSSI_196m	426219	304164	Alvecote Pools SSSI	
Grendon Wood AW_50m	427633	299292	Grendon Wood AW	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Grendon Wood AW_60m	427631	299282	Grendon Wood AW	
Grendon Wood AW_70m	427628	299273	Grendon Wood AW	
Grendon Wood AW_90m	427624	299253	Grendon Wood AW	
Grendon Wood AW_80m	427626	299263	Grendon Wood AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Grendon Wood AW_100m	427622	299244	Grendon Wood AW	
Grendon Wood AW_110m	427608	299186	Grendon Wood AW	
Grendon Wood AW_120m	427612	299205	Grendon Wood AW	
Grendon Wood AW_130m	427617	299225	Grendon Wood AW	
Grendon Wood AW_140m	427619	299234	Grendon Wood AW	
Grendon Wood AW_150m	427610	299196	Grendon Wood AW	
Grendon Wood AW_160m	427615	299215	Grendon Wood AW	
Grendon Wood AW_170m	427603	299167	Grendon Wood AW	
Grendon Wood AW_180m	427606	299177	Grendon Wood AW	
Grendon Wood AW_190m	427601	299157	Grendon Wood AW	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Grendon Wood AW_200m	427599	299148	Grendon Wood AW	
Sparrowdale Wood AW_150m	428421	299212	Sparrowdale Wood AW	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Sparrowdale Wood AW_160m	428413	299163	Sparrowdale Wood AW	
Sparrowdale Wood AW_170m	428414	299173	Sparrowdale Wood AW	
Sparrowdale Wood AW_180m	428416	299183	Sparrowdale Wood AW	
Sparrowdale Wood AW_190m	428419	299202	Sparrowdale Wood AW	
Sparrowdale Wood AW_200m	428417	299193	Sparrowdale Wood AW	
Daniels Wood AW_40m	424372	285824	Daniels Wood AW	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Daniels Wood AW_50m	424379	285830	Daniels Wood AW	Broadleaved deciduous woodland
Daniels Wood AW_60m	424386	285837	Daniels Wood AW	
Daniels Wood AW_70m	424401	285851	Daniels Wood AW	
Daniels Wood AW_80m	424394	285844	Daniels Wood AW	
Daniels Wood AW_90m	424408	285858	Daniels Wood AW	
Daniels Wood AW_100m	424451	285899	Daniels Wood AW	
Daniels Wood AW_110m	424436	285885	Daniels Wood AW	
Daniels Wood AW_120m	424422	285871	Daniels Wood AW	
Daniels Wood AW_130m	424415	285865	Daniels Wood AW	
Daniels Wood AW_140m	424443	285892	Daniels Wood AW	



Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Daniels Wood AW_150m	424429	285878	Daniels Wood AW	
Daniels Wood AW_160m	424465	285912	Daniels Wood AW	
Daniels Wood AW_170m	424458	285906	Daniels Wood AW	
Daniels Wood AW_180m	424472	285919	Daniels Wood AW	
Daniels Wood AW_190m	424486	285933	Daniels Wood AW	
Daniels Wood AW_200m	424479	285926	Daniels Wood AW	

***Nuneaton and Bedworth Borough Council***

**Table 5.7: Nuneaton and Bedworth Borough ecological transect locations.**

<b>Ecological Transect Point</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Ecological Designation</b>	<b>Sensitive Species</b>
Many Lands Wood AW_142m	431519	286099	Many Lands Wood AW	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Many Lands Wood AW_152m	431516	286108	Many Lands Wood AW	
Many Lands Wood AW_162m	431513	286118	Many Lands Wood AW	
Many Lands Wood AW_172m	431508	286137	Many Lands Wood AW	
Many Lands Wood AW_182m	431511	286128	Many Lands Wood AW	
Many Lands Wood AW_192m	431505	286147	Many Lands Wood AW	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Many Lands Wood AW_202m	431503	286156	Many Lands Wood AW	

### *Rugby Borough Council*

**Table 5.8: Rugby Borough Council ecological transect locations.**

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Ashlawn Cutting LNR_44m	453280	278947	Ashlawn Cutting LNR	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Ashlawn Cutting LNR_54m	453274	278939	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_64m	453268	278931	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_74m	453256	278916	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_84m	453262	278923	Ashlawn Cutting LNR	

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Ashlawn Cutting LNR_94m	453250	278908	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_104m	453214	278861	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_114m	453226	278876	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_124m	453238	278892	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_134m	453244	278900	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_144m	453220	278869	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_154m	453232	278884	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_164m	453202	278845	Ashlawn Cutting LNR	

Ashlawn Cutting LNR_174m	453208	278853	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_184m	453196	278837	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_194m	453184	278822	Ashlawn Cutting LNR	
Ashlawn Cutting LNR_204m	453190	278829	Ashlawn Cutting LNR	

### *Tamworth Borough Council*

**Table 5.9: Tamworth Borough Council ecological transect locations.**

<b>Ecological Transect Point</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Ecological Designation</b>	<b>Sensitive Species</b>
Kettle Brook LNR_T1_0m	423339	301437	Kettle Brook LNR	Broadleaved, Mixed and Yew Woodland - Broadleaved deciduous woodland
Kettle Brook LNR_T1_10m	423347	301442	Kettle Brook LNR	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T1_20m	423356	301447	Kettle Brook LNR	
Kettle Brook LNR_T1_30m	423364	301452	Kettle Brook LNR	
Kettle Brook LNR_T1_40m	423373	301457	Kettle Brook LNR	
Kettle Brook LNR_T1_50m	423381	301462	Kettle Brook LNR	
Kettle Brook LNR_T1_60m	423390	301467	Kettle Brook LNR	
Kettle Brook LNR_T1_70m	423398	301472	Kettle Brook LNR	
Kettle Brook LNR_T1_80m	423407	301477	Kettle Brook LNR	
Kettle Brook LNR_T1_90m	423415	301482	Kettle Brook LNR	
Kettle Brook LNR_T1_100m	423424	301487	Kettle Brook LNR	
Kettle Brook	423432	301492	Kettle Brook LNR	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
LNR_T1_110m				
Kettle Brook LNR_T1_120m	423441	301497	Kettle Brook LNR	
Kettle Brook LNR_T1_130m	423449	301502	Kettle Brook LNR	
Kettle Brook LNR_T1_140m	423458	301507	Kettle Brook LNR	
Kettle Brook LNR_T1_150m	423466	301512	Kettle Brook LNR	
Kettle Brook LNR_T1_160m	423475	301517	Kettle Brook LNR	
Kettle Brook LNR_T1_170m	423483	301522	Kettle Brook LNR	
Kettle Brook LNR_T1_180m	423492	301527	Kettle Brook LNR	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T1_190m	423500	301532	Kettle Brook LNR	
Kettle Brook LNR_T1_200m	423509	301537	Kettle Brook LNR	
Kettle Brook LNR_T2_0m	423334	301441	Kettle Brook LNR	
Kettle Brook LNR_T2_10m	423333	301450	Kettle Brook LNR	
Kettle Brook LNR_T2_20m	423331	301460	Kettle Brook LNR	
Kettle Brook LNR_T2_30m	423330	301470	Kettle Brook LNR	
Kettle Brook LNR_T2_40m	423329	301480	Kettle Brook LNR	
Kettle Brook LNR_T2_50m	423328	301490	Kettle Brook LNR	
Kettle Brook LNR_T2_60m	423327	301499	Kettle Brook LNR	



Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T2_70m	423326	301509	Kettle Brook LNR	
Kettle Brook LNR_T2_80m	423324	301519	Kettle Brook LNR	
Kettle Brook LNR_T2_90m	423323	301529	Kettle Brook LNR	
Kettle Brook LNR_T2_100m	423322	301538	Kettle Brook LNR	
Kettle Brook LNR_T2_110m	423321	301548	Kettle Brook LNR	
Kettle Brook LNR_T2_120m	423320	301558	Kettle Brook LNR	
Kettle Brook LNR_T2_130m	423318	301568	Kettle Brook LNR	
Kettle Brook LNR_T2_140m	423317	301578	Kettle Brook LNR	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T2_150m	423316	301588	Kettle Brook LNR	
Kettle Brook LNR_T2_160m	423315	301597	Kettle Brook LNR	
Kettle Brook LNR_T2_170m	423314	301607	Kettle Brook LNR	
Kettle Brook LNR_T3_0m	422905	301890	Kettle Brook LNR	
Kettle Brook LNR_T3_10m	422895	301889	Kettle Brook LNR	
Kettle Brook LNR_T3_20m	422885	301888	Kettle Brook LNR	
Kettle Brook LNR_T3_30m	422875	301887	Kettle Brook LNR	
Kettle Brook LNR_T3_40m	422866	301886	Kettle Brook LNR	
Kettle Brook LNR_T3_50m	422856	301885	Kettle Brook LNR	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T3_60m	422846	301884	Kettle Brook LNR	
Kettle Brook LNR_T3_70m	422836	301883	Kettle Brook LNR	
Kettle Brook LNR_T3_80m	422826	301882	Kettle Brook LNR	
Kettle Brook LNR_T3_90m	422816	301881	Kettle Brook LNR	
Kettle Brook LNR_T3_100m	422807	301880	Kettle Brook LNR	
Kettle Brook LNR_T3_110m	422797	301879	Kettle Brook LNR	
Kettle Brook LNR_T3_120m	422787	301878	Kettle Brook LNR	
Kettle Brook LNR_T3_130m	422777	301877	Kettle Brook LNR	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T3_140m	422767	301876	Kettle Brook LNR	
Kettle Brook LNR_T3_150m	422757	301874	Kettle Brook LNR	
Kettle Brook LNR_T4_0m	422330	302485	Kettle Brook LNR	
Kettle Brook LNR_T4_10m	422332	302475	Kettle Brook LNR	
Kettle Brook LNR_T4_20m	422334	302465	Kettle Brook LNR	
Kettle Brook LNR_T4_30m	422336	302456	Kettle Brook LNR	
Kettle Brook LNR_T4_40m	422338	302446	Kettle Brook LNR	
Kettle Brook LNR_T4_50m	422340	302436	Kettle Brook LNR	
Kettle Brook LNR_T4_60m	422341	302427	Kettle Brook LNR	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T4_70m	422343	302417	Kettle Brook LNR	
Kettle Brook LNR_T4_80m	422345	302407	Kettle Brook LNR	
Kettle Brook LNR_T4_90m	422347	302398	Kettle Brook LNR	
Kettle Brook LNR_T5_0m	422293	302630	Kettle Brook LNR	
Kettle Brook LNR_T5_10m	422291	302639	Kettle Brook LNR	
Kettle Brook LNR_T5_20m	422289	302649	Kettle Brook LNR	
Kettle Brook LNR_T5_30m	422287	302659	Kettle Brook LNR	
Kettle Brook LNR_T5_40m	422285	302669	Kettle Brook LNR	
Kettle Brook LNR_T5_50m	422283	302678	Kettle Brook LNR	
Kettle Brook LNR_T5_60m	422282	302688	Kettle Brook LNR	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T5_70m	422280	302697	Kettle Brook LNR	
Kettle Brook LNR_T5_80m	422278	302707	Kettle Brook LNR	
Kettle Brook LNR_T5_90m	422276	302717	Kettle Brook LNR	
Kettle Brook LNR_T5_100m	422274	302727	Kettle Brook LNR	
Kettle Brook LNR_T6_0m	421530	302798	Kettle Brook LNR	
Kettle Brook LNR_T6_10m	421537	302806	Kettle Brook LNR	
Kettle Brook LNR_T6_20m	421543	302813	Kettle Brook LNR	
Kettle Brook LNR_T6_30m	421549	302821	Kettle Brook LNR	
Kettle Brook LNR_T6_40m	421555	302828	Kettle Brook LNR	
Kettle Brook LNR_T6_50m	421562	302836	Kettle Brook LNR	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T6_60m	421568	302844	Kettle Brook LNR	
Kettle Brook LNR_T6_70m	421574	302851	Kettle Brook LNR	
Kettle Brook LNR_T6_80m	421581	302859	Kettle Brook LNR	
Kettle Brook LNR_T6_90m	421587	302866	Kettle Brook LNR	
Kettle Brook LNR_T6_100m	421593	302874	Kettle Brook LNR	
Kettle Brook LNR_T6_110m	421600	302882	Kettle Brook LNR	
Kettle Brook LNR_T6_120m	421606	302889	Kettle Brook LNR	
Kettle Brook LNR_T6_130m	421612	302897	Kettle Brook LNR	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T6_140m	421619	302905	Kettle Brook LNR	
Kettle Brook LNR_T6_150m	421625	302912	Kettle Brook LNR	
Kettle Brook LNR_T6_160m	421631	302919	Kettle Brook LNR	
Kettle Brook LNR_T6_170m	421638	302927	Kettle Brook LNR	
Kettle Brook LNR_T6_180m	421644	302935	Kettle Brook LNR	
Kettle Brook LNR_T6_190m	421650	302942	Kettle Brook LNR	
Kettle Brook LNR_T7_0m	420545	302995	Kettle Brook LNR	
Kettle Brook LNR_T7_10m	420550	302987	Kettle Brook LNR	



Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T7_20m	420555	302978	Kettle Brook LNR	
Kettle Brook LNR_T7_30m	420560	302969	Kettle Brook LNR	
Kettle Brook LNR_T7_40m	420565	302961	Kettle Brook LNR	
Kettle Brook LNR_T7_50m	420570	302952	Kettle Brook LNR	
Kettle Brook LNR_T7_60m	420575	302944	Kettle Brook LNR	
Kettle Brook LNR_T7_70m	420580	302936	Kettle Brook LNR	
Kettle Brook LNR_T7_80m	420585	302927	Kettle Brook LNR	
Kettle Brook LNR_T7_90m	420590	302918	Kettle Brook LNR	
Kettle Brook LNR_T7_100m	420595	302910	Kettle Brook LNR	

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Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T7_110m	420600	302902	Kettle Brook LNR	
Kettle Brook LNR_T7_120m	420606	302893	Kettle Brook LNR	
Kettle Brook LNR_T7_130m	420610	302885	Kettle Brook LNR	
Kettle Brook LNR_T7_140m	420616	302876	Kettle Brook LNR	
Kettle Brook LNR_T7_150m	420620	302868	Kettle Brook LNR	
Kettle Brook LNR_T7_160m	420625	302859	Kettle Brook LNR	
Kettle Brook LNR_T7_170m	420631	302851	Kettle Brook LNR	

Ecological Transect Point	X Coordinate	Y Coordinate	Ecological Designation	Sensitive Species
Kettle Brook LNR_T7_180m	420636	302842	Kettle Brook LNR	
Kettle Brook LNR_T7_190m	420641	302834	Kettle Brook LNR	