

LANDSCAPE CONDITION and SENSITIVITY (report)

DPZ Ref **SN01**

Draft Character Type **South Nottinghamshire Farml** Date **14/10/2009** Surveyor **KW/CM**

Land Cover Parcel Ref(s) **ES12**

Conditions **Cloudy** OS East **482516** OS North **350555**

Location **Fernwood**

LANDSCAPE CONDITION DPZ Ref **SN01**

Visual Unity - assess the overall unity of the landscape and note the significance of the following

Pattern of Elements

Describe the extent of uniform or unifying features / coherent or incoherent pattern of elements, are these intact, interrupted or fragmented? **Incoherent**

Detracting Features (Presence of Incongruous Features) - Negative contribution to strength of char. area

Industrial
Mineral extraction and associated spoil heaps and tips
Pylons and pylon lines
Busy roads

Overall how would you rate the amount of detracting features in the area? **Many**

Visual Unity Score **2** **this score equates to..** **Significantly interrupted**

Functional Integrity - How does this area function as a habitat for wildlife?

Ecological Integrity:

Extent and type of semi-natural habit

Numerous blocks of woodland
Linear section of woodland
Disused railway
Riparian woodland
Remnant parkland
Roadside scrub particularly next to tips

Ecological Bases

Hedgerows and field margins provide good network
Woodland blocks
Riparian vegetation and some open water

Biological SINC's:

- 2/750 - Mineral Line, Cotham 'Scrub and base-rich grassland along a disused railway line'
- 1/104 - Cotham Station 'Species-rich calcareous grassland and scrub developed on an ex-industrial site'
- 1/86 - Staunton Quarry 'A valuable area of wetland, grassland and scrub communities on base-rich soils - of botanical and invertebrate zoological interest'
- 2/802 - Staunton Works 'A disturbed area of land behind the Staunton gypsum works with notable botanical and zoological communities'
- 5/226 - Folly Hill Grassland and Pond 'Notable species-rich meadows, partly tree planted'

Geological SINC's:

- 2/1024 - Bantycok Gypsum Pit, Newark 'A quarry showing the complete geological succession of the area, from the Mercia Mudgroup (Keuper Marl) through to the Lower Lias, and also the mode of gypsum occurrence'
- 2/1025 - Old Stone Pits, Staunton in the Vale 'An abandoned quarry containing an interesting spoil heap of fossiliferous Lower Lias limestone'

Intensity of Land Use

Highly intensive arable
Intensive industrial land use
Some areas of low intensity pasture and parkland

Additional Notes **weak in northern area but strong in south**

Overall, how does this area function as a habitat for wildlife?

Moderate

Cultural Integrity:

Tree cover

Oak, Ash, Hawthorn, Willow along drains
 Coniferous planting in relation to restoration
 Some poplar

Extent

Moderate coverage overall but low in northern area

Age Structure

Diverse
 Young and new planting around restoration and industrial works

Field Boundaries

Mixed some fragmented some intact particularly along roadsides
 Post and rail around pastural fields and horseyculture
 Post and wire mesh around industrial workings.

Built Features

Settlements of Cotham and Fernwood mainly modern
 Part of the settlement of Staunton in the Vale which is vernacular
 Isolated farms red brick and some stone
 Industrial buildings

Additional Notes Poor in the northern area

Overall Cultural Integrity Variable

Functional Integrity Score **4** *this score equates to..* **Coherent**

Impact of Built Development (does not feed into a matrix)

How does development demonstrate or respect the local vernacular, character and sense of place?

Development respects vernacular in terms of vernacular but not necessarily design

Impact of built development Moderate

Impact of Recent Land Use (does not feed into a matrix)

What type of land use changes are likely to affect the landscape?

Increased development both industrial and residential - strong
 Increase intensity of agriculture particularly in the south - strong
 Loss of parkland and parkland trees - moderate
 Fragmentation and loss of hedgerows - moderate

Impact of recent land use change widespread

Overall Condition Summary Statement

A mixed area which is strongly industrial in the north but retains muack of its woodland and parkland character in the south.

Condition Overall Score **6** *this score equates to..* **Very Poor**

LANDSCAPE SENSITIVITY

Sense of Place: How do the Key Characteristics contribute to local distinctiveness and continuity?**Woodlands**

NB. re Continuity: Recent-50years, Historic-post 1600, Ancient-pre 1600

Mixed woodland plantations
 Shelterbelts of mixed woodland of different ages.
 Some coniferous woodland associated with restoration works

Distinctiveness Characteristic **Continuity** Recent

Hedgerow and Hedgerow Trees

Oak, Ash and Horse Chestnut trees within mixed hawthorn hedges
 Trimmed hawthorn hedge with occasional ask trees
 Some poplar within hedgerows around works

Distinctiveness **Continuity**

Other Vegetation

Avenue of Horse Chestnut trees at Staunton
 Coniferous shelterbelt planting
 Riparian vegetation following drains
 Areas of scrub along roadsides
 Some parkland trees

Distinctiveness **Continuity**

Field Boundaries

Hedge with ditch
 Trimmed hedges
 Post and rail

Distinctiveness **Continuity**

Buildings

Isolated farms
 Modern settlements fernwood and the majority of Cotham
 Industrial buildings

Distinctiveness **Continuity**

Highways

Busy A1
 Some winding roads and lanes

Distinctiveness **Continuity**

Other Features

Mineral sites
 Refuse tips
 Small area of Sports Ground
 Disused railway line

Distinctiveness **Continuity**

Settlements

Fernwood and Cotham and part of Staunton in the Vale

Distinctiveness **Continuity**

Final distinctivene **Final Continuity**

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Sense of Place Score *this score equates to..*

Visibility

Views typically limited to within LDU or beyond it ?

Typically beyond

Scale of Landform and Landscape elements ?

How wooded is the landscape ?

Views Score *this score equates to..*

Sensitivity Overall Score *this score equates to..*

Landscape Policy Score *this score equates to Landscape Polic*

ES12-1

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ES12-2

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LANDSCAPE CONDITION and SENSITIVITY (report)

DPZ Ref

Draft Character Type Date Surveyor

Land Cover Parcel Ref(s)

Conditions OS East OS North

Location

LANDSCAPE CONDITION DPZ Ref

Visual Unity - assess the overall unity of the landscape and note the significance of the following

Pattern of Elements

Describe the extent of uniform or unifying features / coherent or incoherent pattern of elements, are these intact, interrupted or fragmented?

Detracting Features (Presence of Incongruous Features) - Negative contribution to strength of char. area

Pylon lines
Sewage works
Industrial works
Busy Roads A46
New A46 underconstruction
Scrapyard

Overall how would you rate the amount of detracting features in the area?

Visual Unity Score *this score equates to..*

Functional Integrity - How does this area function as a habitat for wildlife?

Ecological Integrity:

Extent and type of semi-natural habit

Blocks and linear sections of deciduous woodland
Semi natural areas of scrub including disused railway
Pykets farm an area of restored mineral workings.
Riparian vegetation along River Devon
Areas of open water and tributaries.
Hedgerows and field boundaries. Small pockets of remnant parkland

Ecological Bases

Hedgerows and field margins provide good network along with riparian links
Numerous blocks of small woodland

Biological SINC's:

- 2/803 - Lowfield Lane Grasslands, Balderton 'Damp alluvial grasslands'
- 5/2129 - Balderton Works Meadow (II) 'Notable neutral horse paddocks with a rich flora'
- 2/804 - Balderton Works Meadow (I) 'A small remnant of species-rich grassland'
- 5/208 - Balderton Dismantled Railway South 'A dismantled railway with substantial areas of grassland and scrub'
- 2/637 - Lowfield Grassland, Balderton 'A small species-rich remnant of a once notable grassland'
- 5/222 - Hawton Tip Grassland 'A large area of ruderal and base-rich grassland developed on gypsum spoil'
- 5/2258 - The Grange Ditch, Hawton 'A drain of interest for Water beetles'
- 5/2168 - Cotham Flash 'An area of open water and associated habitat of ornithological note'
- 5/2229 - Hawton Old Gypsum Works Ponds 'Ponds of interest for Water Beetles and Water Bugs'
- 5/2173 - Hawton Works Grassland 'A large area of grassland with notable plant species'
- 2/974 - Hawton Civil War Front 'A notable pasture community on an archaeological site'
- 2/588 - River Devon (North of Cotham) 'A historically interesting water course with valuable riparian features and a locally diverse aquatic flora'
- 2/971 - Back Dyke Grassland, Cotham 'A species-rich grassland adjacent to Back Dyke'
- 2/749 - Trent Lane Wood 'A small but characteristic are of deciduous woodland'
- 5/345 - Primrose Plantation 'A trentside woodland with notable plant species'
- 2/585 - Flintham Wood 'A well-wooded river bluff'
- 2/694 - River Trent (Gunthorpe to Fiskerton) 'A representative length of the Trent of high wildlife value'

2/695 - The Nabbs 'A large and valuable community of gravel colonists and scrub developed on an island in the River Trent'

MLA - East Stoke

Intensity of Land Use

Highly intensive arable farm
Pastoral land use including grazing and horseyculture
Some industrial works towards the north of the area
Small section of airfield at Syerston

Additional Notes Lack of hedgerow networks in the south reduce value for wildlife

Overall, how does this area function as a habitat for wildlife?

Moderate

Cultural Integrity:

Tree cover

Oak, Ash Horse Chestnut deciduous woodland
Poplar plantation
Parkland trees
Out grown hedgerow trees

Extent

Moderate coverage, high around villages low in southern area

Age Structure

Diverse

Field Boundaries

Mixed hedgerows some fragmented and missing others strong and intact
Post and rail fencing
Ditrches
Temporary electric fencing associated with horseyculture

Built Features

Red brick farmhouses
Industrial works
Urban estate housing on the edge of Balderton
Some modern infill in villages
Manor houses
Brick and stone boundary walls in places

Additional Notes Good in and around villages , poor in area to south

Overall Cultural Integrity Variable

Functional Integrity Score

4

this score equates to..

Coherent

Impact of Built Development (does not feed into a matrix)

How does development demonstrate or respect the local vernacular, character and sense of place?

Development does respect local vernacular in and around villages excluding industrial

Impact of built development

Low

Impact of Recent Land Use (does not feed into a matrix)

What type of land use changes are likely to affect the landscape?

A46 under construction - strong
Horseyculture encroachment - moderate
Intensivication of arable farming leading to further loss of hedgerows - moderate
Further residential development - moderate

Impact of recent land use change

localised

Overall Condition Summary Statement

Majority of the area is in good condition with historic vernacular areas with settlements with surrounding fields bounded by strong well maintained hedgerows. Area to the south however is dominated by dominated by large arable fields with highly fragmented hedgerows and views interrupted by numerous pylon lines. Some industry towards the north on the periphery of Newark

Condition Overall Score **8** *this score equates to..* **Moderate**

LANDSCAPE SENSITIVITY

Sense of Place: How do the Key Characteristics contribute to local distinctiveness and continuity?

Woodlands

NB. re Continuity: Recent-50years, Historic-post 1600, Ancient-pre 1600

Small blocks of mixed deciduous
new planted as part of restoration works at Pyketts Farm including poplars grown for Biomass fuel
Parkland trees

Distinctiveness **Continuity**

Hedgerow and Hedgerow Trees

Oak, Ash Horse Chestnut within mainly Hawthorn hedges.
Trimmed hedgerows to fields, some fragmented within large arable areas

Distinctiveness **Continuity**

Other Vegetation

Parkland trees
Riparian vegetation
Mature ornamental planting
Semi natural scrub

Distinctiveness **Continuity**

Field Boundaries

hedge with ditch
trimmed hedge
Ditches
Post and rail fencing
Hedge with broad grass verge

Distinctiveness **Continuity**

Buildings

Isolated Farms
large Country houses
Red brick cottages / houses

Distinctiveness **Continuity**

Highways

Straight roads
Narrow hedged lanes

Distinctiveness **Continuity**

Other Features

Allotments
Sports Ground
Disused railway lines
Historic features including remains of hawton Civil war fort, East Stoke battlefield, Syerston Hall, park and airfield

Distinctiveness **Continuity**

Settlements

Syerston, Thorpe, Elston, East Stoke, Hawton, part of Balderton.

Distinctiveness **Continuity**

Final distinctivene **Final Continuity**

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Sense of Place Score *this score equates to..*

Visibility

Views typically limited to within LDU or beyond it ?

Scale of Landform and Landscape elements ?

How wooded is the landscape ?

Views Score *this score equates to..*

Sensitivity Overall Score *this score equates to..*

Landscape Policy Score *this score equates to Landscape Polic*

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ES15-1

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ES15-2

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ES15-4

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LANDSCAPE CONDITION and SENSITIVITY (report)

DPZ Ref **SN03**

Draft Character Type Date Surveyor

Land Cover Parcel Ref(s)

Conditions OS East OS North

Location

LANDSCAPE CONDITION DPZ Ref **SN03**

Visual Unity - assess the overall unity of the landscape and note the significance of the following

Pattern of Elements

Describe the extent of uniform or unifying features / coherent or incoherent pattern of elements, are these intact, interrupted or fragmented?

Detracting Features (Presence of Incongruous Features) - Negative contribution to strength of char. area

Overall how would you rate the amount of detracting features in the area?

Visual Unity Score *this score equates to..*

Functional Integrity - How does this area function as a habitat for wildlife?

Ecological Integrity:

Extent and type of semi-natural habit

Ecological Bases

Biological SINCS:

5/376 - Kilvington Lakes 'A series of lakes of botanical and ornithological interest around former gypsum workings'

5/219 - Kilvington Railway 'A representative section of dismantled railway with botanical interest'

2/842 - River Devon, Staunton 'A notable length of water course'

2/813 - Staunton Park Pastures 'Two damp grasslands of botanical interest'

MLA - Staunton in the Vale

Intensity of Land Use

Additional Notes

Overall, how does this area function as a habitat for wildlife?

Cultural Integrity:

Tree cover

Extent

Moderate

Age Structure

Diverse age structure

Field Boundaries

Generally good species rich hedgerows
Post and rail and post and wire
Well trimmed hedgerows with ditches

Built Features

Red brick farmhouses
Stone and brick walls
Traditional village cores with some infill

Additional Notes

Overall Cultural Integrity

Functional Integrity Score *this score equates to..*

Impact of Built Development (does not feed into a matrix)

How does development demonstrate or respect the local vernacular, character and sense of place?

Development does respect the local vernacular

Impact of built development

Impact of Recent Land Use (does not feed into a matrix)

What type of land use changes are likely to affect the landscape?

Increase in development
Loss of woodland and intensification of agriculture

Impact of recent land use change

Overall Condition Summary Statement

Generally an area in good condition exhibiting areas of sensitive landscape improvement with the restoration of the disused quarry.

Condition Overall Score *this score equates to..*

LANDSCAPE SENSITIVITY

Sense of Place: How do the Key Characteristics contribute to local distinctiveness and continuity?

Woodlands

NB. re Continuity: Recent-50years, Historic-post 1600, Ancient-pre 1600

Mixed woodland plantations
Woodland along dismantled railway
New woodland planting around restored quarry

Distinctiveness **Continuity**

Hedgerow and Hedgerow Trees

Ash and Horse Chestnut with some Willow and Elm
Trimmed hawthorn hedges with occasional Ash trees

Distinctiveness **Continuity**

Other Vegetation

Semi natural scrub along dismantled railway
Riparian vegetation along drains
New planting around restored quarry

Distinctiveness **Continuity**

Field Boundaries

Hedge with ditch
Hedge with broad verge
Well maintained species rich hedgerows
Post and rail and post and rail fencing

Distinctiveness **Continuity**

Buildings

Isolated farms
Red brick cottages / houses

Distinctiveness **Continuity**

Highways

Narrow hedges lanes

Distinctiveness **Continuity**

Other Features

Restored quarry
Disused railway line

Distinctiveness **Continuity**

Settlements

Alverton and part of Staunton in the Vale

Distinctiveness **Continuity**

Final distinctivene **Final Continuity**

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Sense of Place Score *this score equates to..*

Visibility

Views typically limited to within LDU or beyond it ?

Typically within due to hedgerows with some longer distance views

Scale of Landform and Landscape elements ?

How wooded is the landscape ?

Views Score *this score equates to..*

Sensitivity Overall Score *this score equates to..*

Landscape Policy Score *this score equates to Landscape Polic*



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SN03

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