Nottinghamshire and Nottingham Waste Local Plan
Options Development Document

March 2021

Purpose of the document

Following the Nottinghamshire and Nottingham Waste Local Plan Issues and Options consultation, this is a working document which has been prepared to ensure that all possible options have been identified and adequate evidence has been gathered to assist in determining which options are the most appropriate to take forward and why alternative options should be discounted. It will also ensure that the key strategic issues identified in the Issues and Options consultation document are addressed by the Draft Joint Waste Local Plan.

Forecasting future waste arisings over the plan period

A key issue for the Waste Local Plan is forecasting the quantity of waste that is expected to be generated in the plan area over the plan period. This is essential to understand so that we can ensure there is sufficient provision that meets Nottinghamshire and Nottingham's needs.

As there are different issues to consider for each waste stream when forecasting future arisings, we have considered the possible options for each waste stream separately.

1. Local Authority Collected Waste (LACW)	
Issue	What scenario should be used for estimating future household waste generation which will be used to forecast future LACW arisings?
Options	A. High decline in household waste generation B. Low decline in household waste generation C. No change in household waste generation D. Low growth in household waste generation E. High growth in household waste generation
Evidence required to make decision	• Waste Needs Assessment Recommendations • Historic household waste generation rates • National and local measures and targets to reduce waste • Economic context • Social/ Environmental context • Local Housing Projections • Sustainability Appraisal Results • Feedback from Issues & Options (Q5)
2. Commercial and Industrial Waste (C & I)	
Issue	What scenario should be used to forecast future C&I waste arisings?
Options	A. No change in C&I waste produced B. Low growth in C&I waste produced C. Medium growth in C&I waste produced D. High growth in C&I waste produced

Evidence required to make decision	• Waste Needs Assessment Recommendations • Historic waste arising from Waste Data Interrogator • Economic context • Social/ Environmental context • National targets and initiatives • Sustainability Appraisal Results • Feedback from Issues & Options (Q6)
3.Construction, Demolition and Excavation (C, D & E)	
Issue	What scenario should be used to forecast future C, D &E waste arisings?
Options	A. No change in C, D& E waste produced B. Low growth in C, D & E waste produced C. Medium growth in C, D & E waste produced D. High growth in C, D & E waste produced
Evidence required to make decision	• Waste Needs Assessment Recommendations • Historic waste arising from Waste Data Interrogator • National and Local construction projects • Local Aggregate Assessment • Sustainability Appraisal Results • Feedback from Issues & Options (Q7)
4. Hazardous Waste	
Issue	What scenario should be used to forecast future Hazardous waste arisings?
Options	A. No change in Hazardous waste produced B. Decline in Hazardous waste produced C. Growth in Hazardous waste produced
Evidence required to make decision	• Waste Needs Assessment Recommendations • Historic waste arisings from Waste Data Interrogator • National targets and initiatives • National Guidance • Sustainability Appraisal Results

	• Feedback from Issues & Options (Q8)
5. Agricultural Waste	
Issue	What scenario should be used to forecast future Agricultural waste arisings?
Options	A. No change in Agricultural waste produced B. Decline in Agricultural waste produced C. Growth in Agricultural waste produced
Evidence required to make decision	• Waste Needs Assessment Recommendations • Historic waste arisings from Waste Data Interrogator • National Guidance • Sustainability Appraisal Results • Feedback from Issues & Options
6. Mining Waste	
Issue	What scenario should be used to forecast future Mining waste arisings?
Options	A. No change in Mining waste produced B. Decline in Mining waste produced C. Growth in Mining waste produced
Evidence required to make decision	• Waste Needs Assessment • Historic waste arisings from Waste Data Interrogator • National guidance • Sustainability Appraisal Results • Feedback from Issues & Options
7. Low-level radioactive waste	
Issue	What scenario should be used to forecast future Low-level radioactive waste arisings?
Options	A. No change in low-level radioactive waste produced B. Decline in low-level radioactive waste produced C. Growth in low-level radioactive waste produced
Evidence required to make decision	• Waste Needs Assessment • EA Waste Pollution Inventory • National Guidance • Sustainability Appraisal Results • Feedback from Issues & Options

Management of future waste

To ensure sufficient waste provision, the plan also needs to make assumptions on how waste arisings will be managed in the future (recycled, recovered, or disposed). The possible options for these are outlined below, with possible recycling rates for LACW, C&I and C, D& E waste streams considered separately.

8. Recycling LACW	
Issue	What recycling rate should be applied to LACW future arisings to calculate what recycling capacity is required throughout the plan period?
Options	A. No change (39% recycling rate) B. Small increase (51% recycling rate) C. Medium increase (55% recycling rate) D. High increase (65% recycling rate)
Evidence required to make decision	• Waste Needs Assessment Recommendations • Sustainability Appraisal results • Historic recycling rates • National guidance • National and local measures and targets • Social/ Environmental Context • Sustainability Appraisal Results • Feedback from Issues & Options (Q9)
9. Recycling C&I	
Issue	What recycling rate should be applied to C&I future arisings to calculate what recycling capacity is required throughout the plan period?
Options	A. No change (52% recycling rate) B. Medium increase (65% recycling rate) C. High increase (70% recycling rate)
Evidence required to make decision	• Waste Needs Assessment Recommendations • Sustainability Appraisal Results • Historic recycling rates • National guidance • National and local measures and targets • Social/ Environmental Context • Sustainability Appraisal Results • Feedback from Issues & Options (Q9)

10. Recycling C, D & E	
Issue	What recycling rate should be applied to C, D & E future arisings to calculate what recycling capacity is required throughout the plan period?
Options	A. No change (80% recycling rate) B. Medium increase (90% recycling rate) C. High increase (95% recycling rates)
Evidence required to make decision	• Waste Needs Assessment Recommendations • Sustainability Appraisal Results • Historic recycling rates • National guidance • National and local measures and targets • National and Local Infrastructure Projects • Sustainability Appraisal Results • Feedback from Issues & Options (Q9)
11. Recovery	
Issue	What level of recovery provision should be planned for throughout the plan period?
Options	A. No change to current recovery provision B. Increase recovery provision
Evidence required to make decision	• Waste Needs Assessment recommendations • Sustainability Appraisal results • Historic recovery rates • Current recovery capacity • Local knowledge of potential future recovery capacity that may become permitted • National targets and initiatives • Sustainability Appraisal Results • Feedback from Call for Sites • Industry • Feedback from Issues & Options (Q10)
12. Disposal	
Issue	Should the Plan make additional provision for disposal of waste throughout the plan period?

Options	A. Make no additional provision for disposal of waste B. Make additional provision for disposal of waste
Evidence required to make decision	• Waste Needs Assessment recommendations • Sustainability Appraisal results • Historic disposal rates • Current disposal capacity • Local knowledge of potential future disposal sites • National targets and initiatives • Industry • Sustainability Appraisal Results • Feedback from Call for sites • Feedback from Issues & Options (Q11)

Provision of new waste facilities

Ensuring there are sufficient and adequate waste facilities in the plan area to deal with waste arisings is another key issue for the plan. Below outlines the different issues and possible options for providing adequate facilities in the right places.

13. Broad locations for waste management facilities	
Issue	Where should future waste management facilities be located within the plan area?
Options	A. Locate all facilities in main urban areas B. Locate large facilities in Nottingham, Mansfield and Ashfield with smaller/medium facilities also in Newark, Worksop, and Retford C. Spread facilities evenly across the plan area D. No preference of locations of facilities
Evidence required to make decision	• Sustainability Appraisal results • District and Boroughs Local Plans • Industry • Feedback from Call for Sites • Feedback from Issues & Options (Q14)
14. Providing New Waste Management Capacity	
Issue	How should the plan ensure sufficient waste management provision and capacity throughout the plan period?
Options	A. Allocate specific sites B. Allocate preferred areas C. Identify types of sites/ areas that would be suitable in principle D. Do not allocate sites/ preferred areas nor identify areas suitable in principle and assess each proposal on their own merit E. A combination of the options above
Evidence required to make decision	• Waste Needs Assessment Recommendations • Existing Waste Capacity • Local knowledge • Industry • National Policy and Guidance • Site Selection methodology • Sustainability Appraisal results • Feedback from Call for Sites

	• Feedback from Issues & Options (Q15)
15. Site criteria for Waste Management Facilities	
Issue	Should the plan include a general site criteria policy that identifies types of locations likely to be suitable for different types of waste facilities to help assess the suitability of waste management proposals?
Options	A. Include a site criteria policy within the plan B. Do not include a site criteria policy within the plan
Evidence required to make decision	• Existing facilities • Local knowledge • Industry • National Policy and Guidance • Sustainability Appraisal results • Feedback from Issues & Options (Q15)

Development Management Policies

The plan needs to ensure potential impacts from waste development proposals are adequately assessed and mitigated so that only environmentally acceptable waste facilities are permitted. The possible options for how development management policies will address this is set out below.

16. Development Management Policies	
Issue	How should development management policies be dealt with in the Plan?
Options	A. Develop specific policies for specific topic areas B. Develop criteria-based policies for broad groupings of topic areas.
Evidence required to make decision	• Sustainability Appraisal results • National Policy and guidance • Feedback from Issues and Options (Q16)

Next Steps

The possible options outlined above will be appraised which, alongside the evidence identified, will inform which options should be taken forward in the draft Waste Local Plan. This will be open for public consultation in February/April 2022.