

water; how can we live with it?



Chryse Tinsley
Landscape Planner
Planning, Development and Transportation

Bio blitz 2016



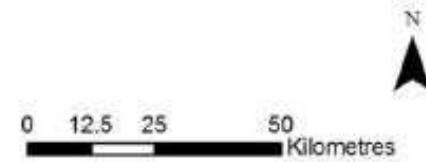
“ The rainfall last night was very heavy. The flash flooding was one of the worse ones I have witnessed for a very long time.”



Humber River Basin District

Legend

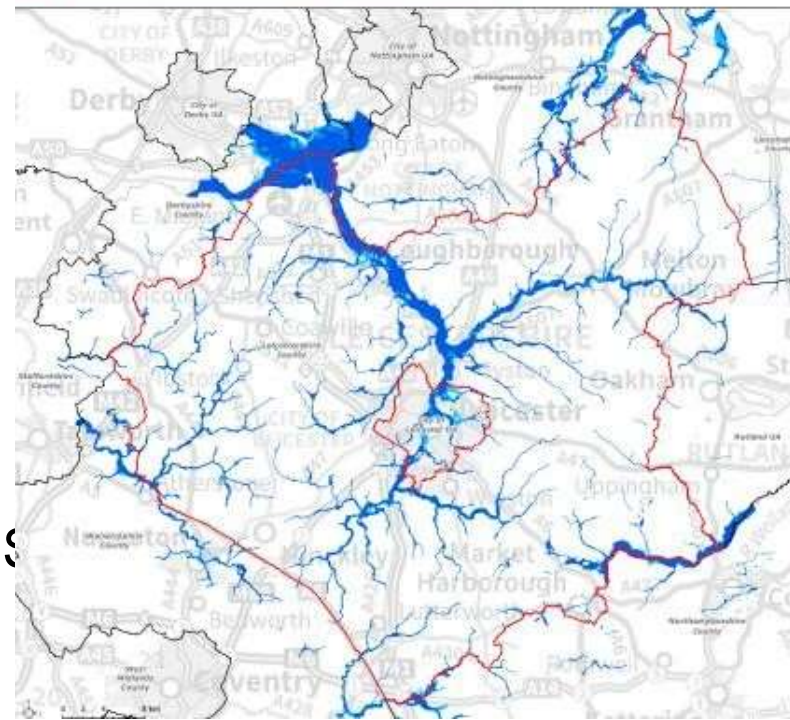
-  Humber River Basin District (RBD)
-  Humber RBD Management Catchment
-  Main River
-  River Basin Districts



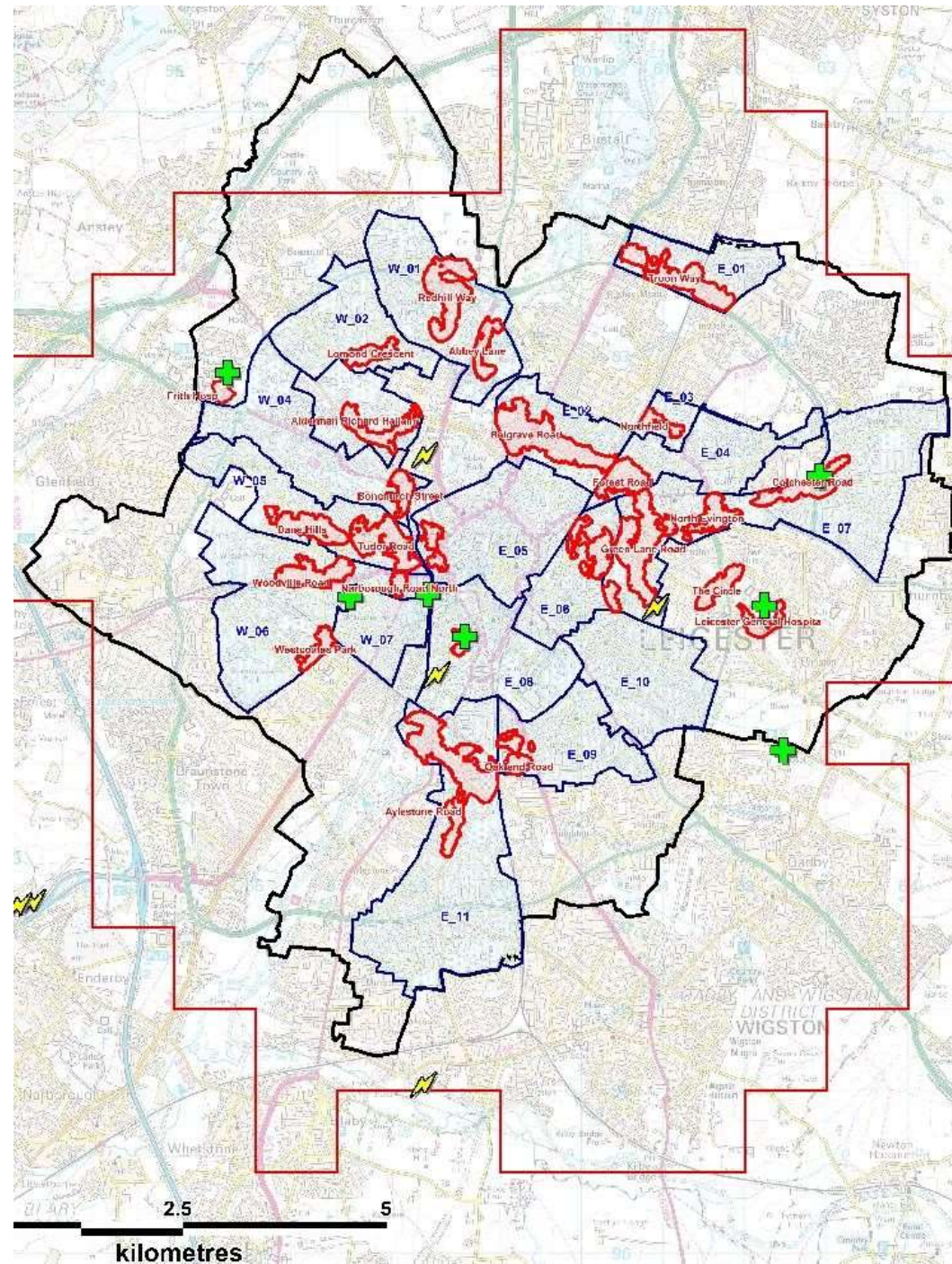
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where does the water come from?

Figure 4.2 Location of Flood Zones 2 and 3 in Leicestershire



Critical drainage areas
and flooding hotspots





What happens
to water?



what happens to our open spaces?



water can be good



Hamilton



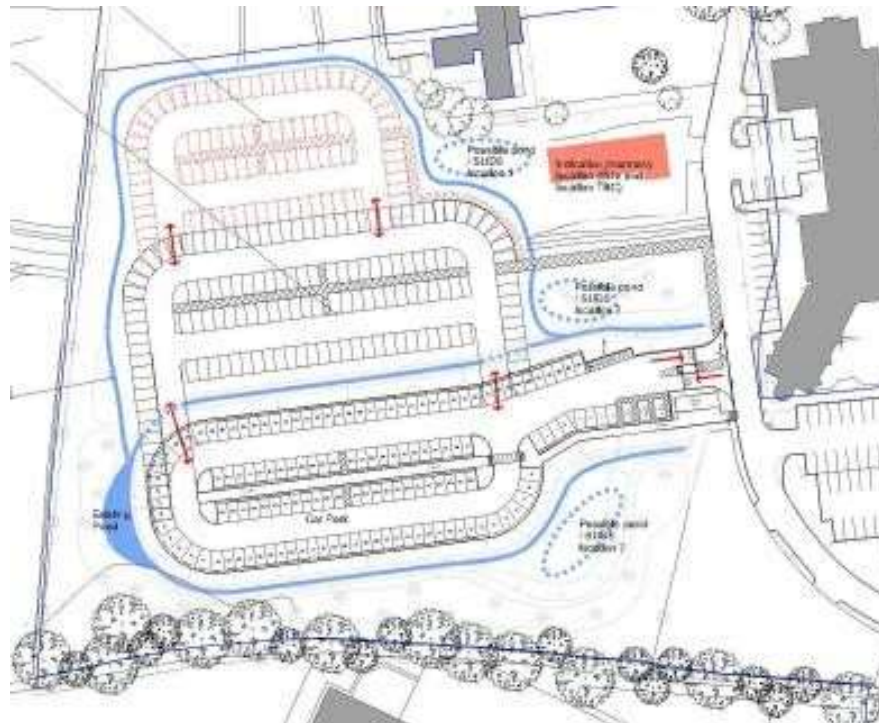
Bad water

Retrofit project Spinney Hills Park

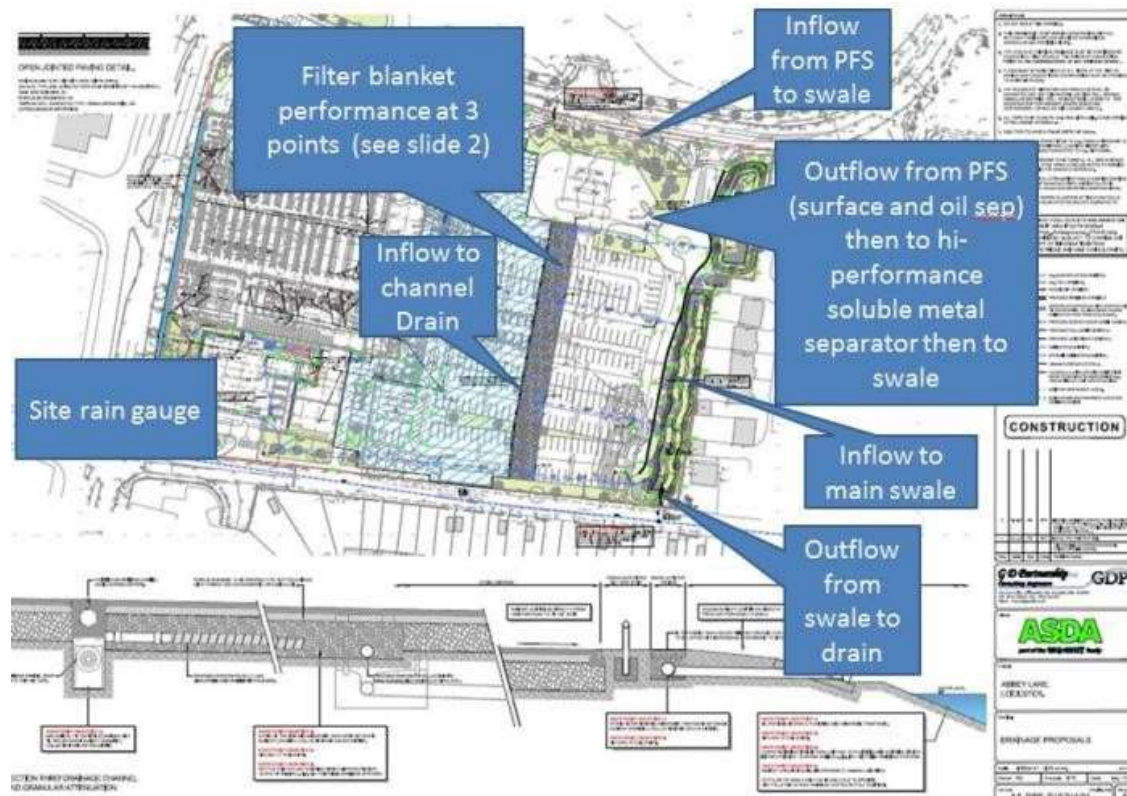
Good water

How are we learning in the city?



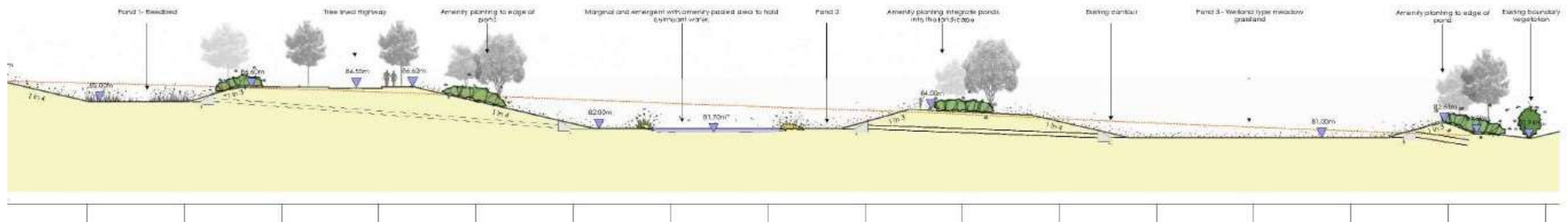


Glenfield hospital; a SuDS scheme; now phase 2...



Asda supermarket

Surprising water



Initial plan
bad water



Blackbird Road

Improved plan
Good water



the highway



the swale



the pond



Ashton Green
Phase 1 Summer 2018

safe water



Oakleas Road
Adopted highway

Trail blazing water



Centenary Square

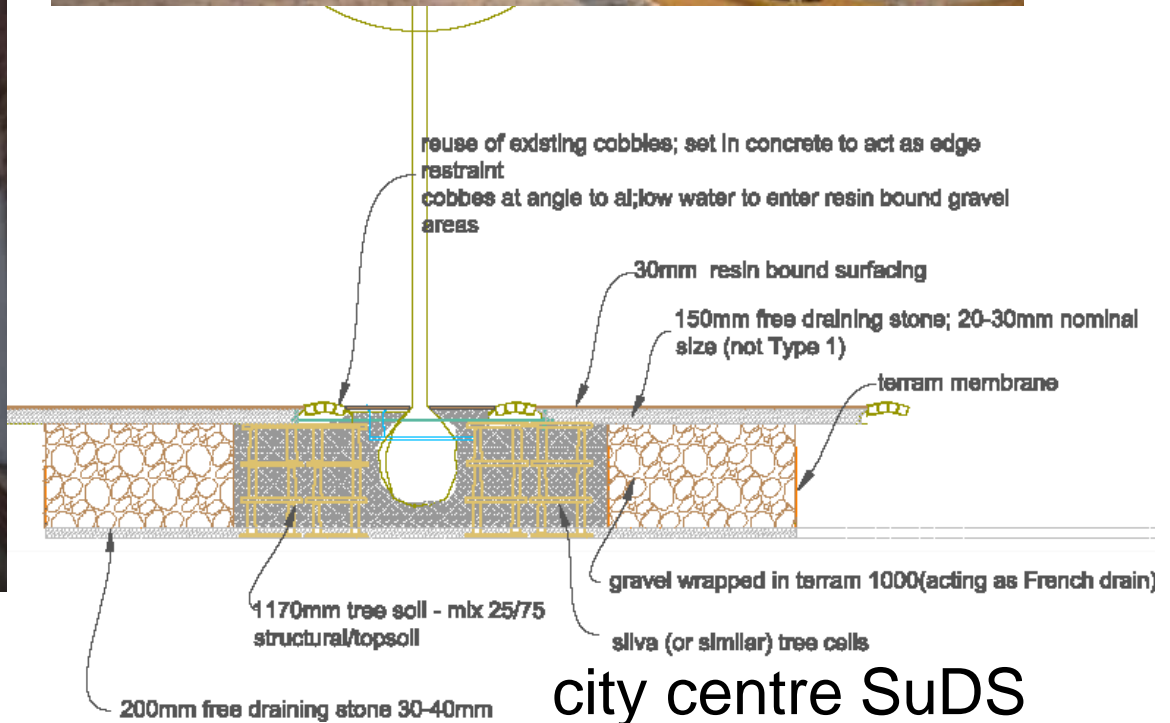
Owning the process water



April 2018



new wetland projects



Applegate

city centre SuDS



is this the best way to manage water in cities?

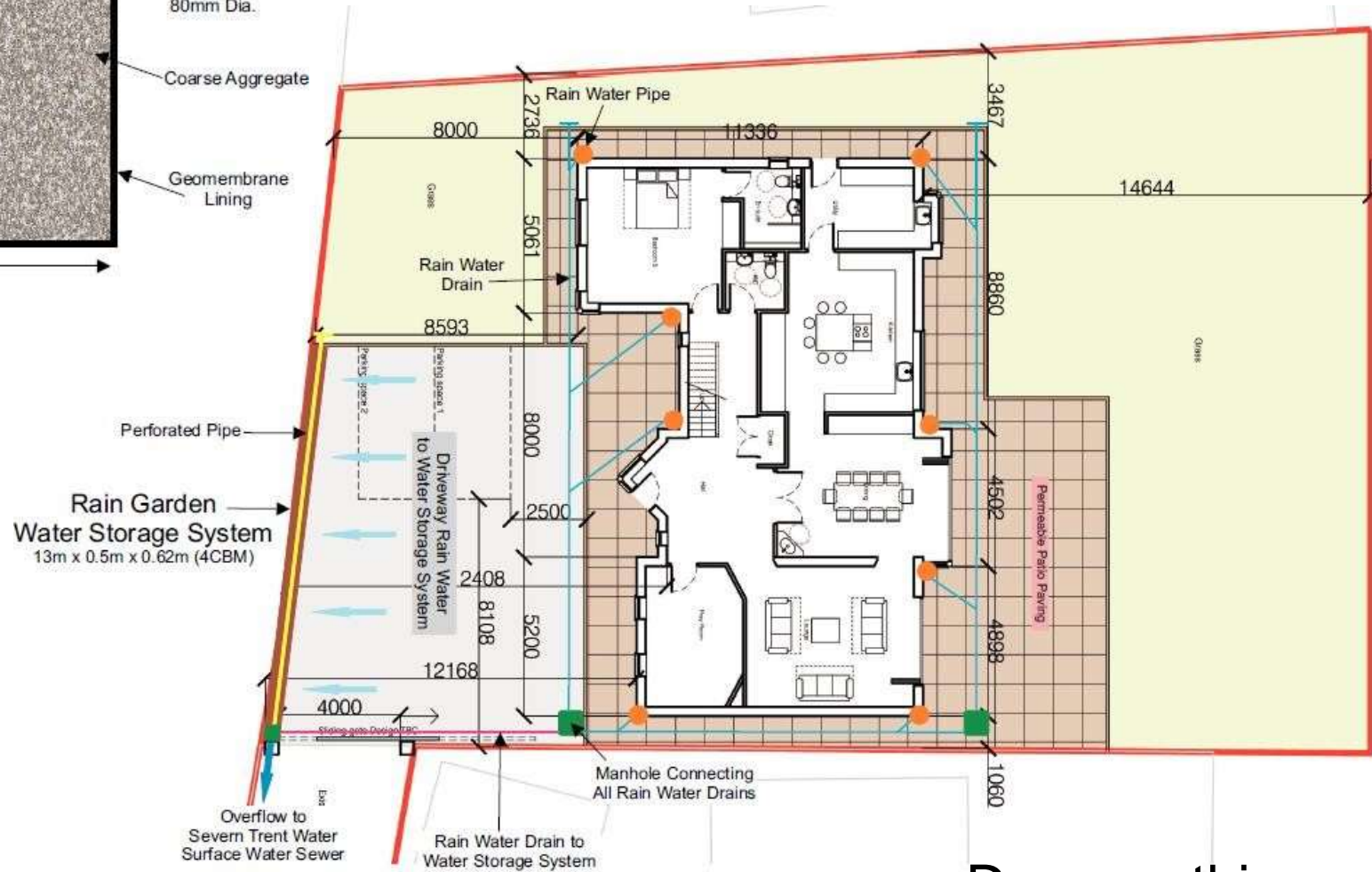
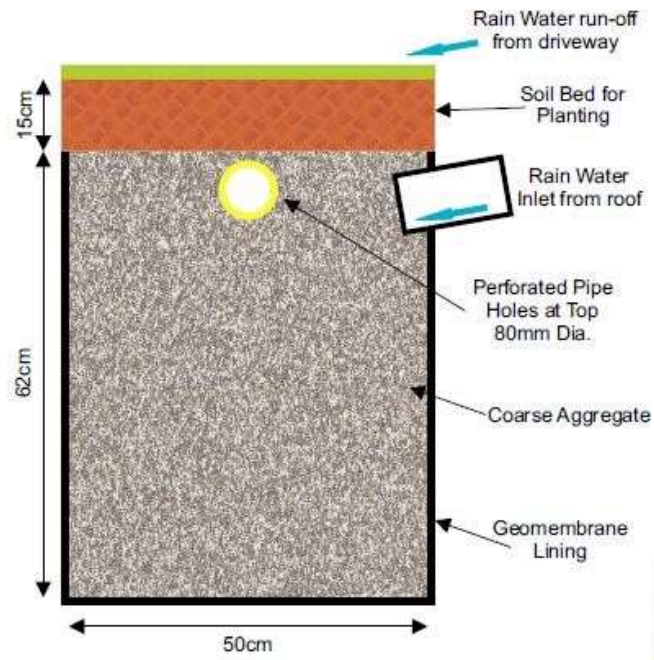
Retrofit project Spinney Hills Park



Bad water



Good water



Do something...



Making a difference...



Involvement

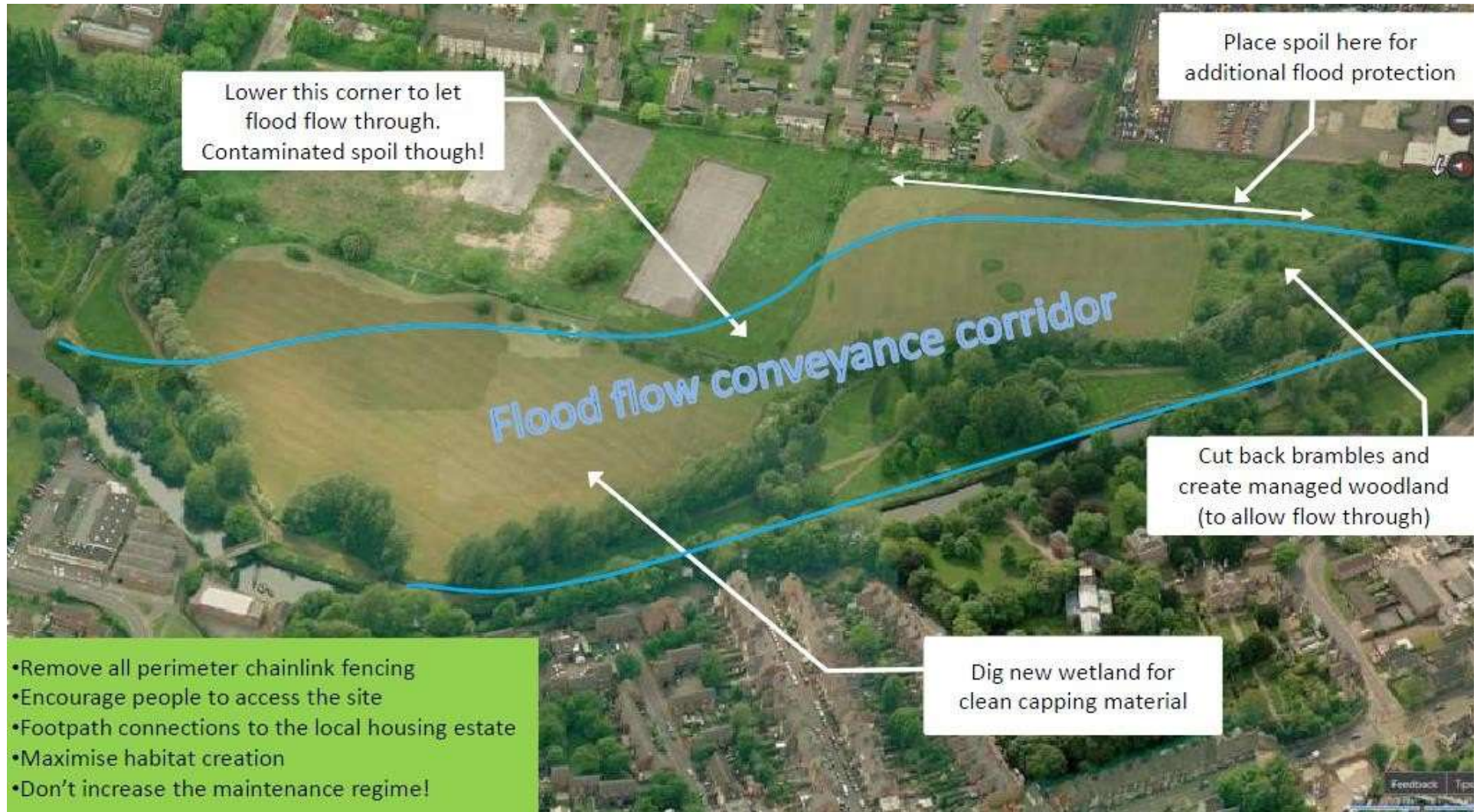


Mill Lane
De Montfort University
Pretty water



Mill Lane

Photos Tom Jonnson June 2018



Saving money
Very good water



Photos Louise Davis



.. from a local resident who wrote into the council on June 16th 2017

'Have just discovered Ellis Meadows ... and wanted to say how wonderful it is. The mass of white daisies were beautiful and the large ponds lovely. I realise from the signboards that it is in essence part of a flood relief scheme along the River Soar, but it really is a lovely natural area'

Leicester City
local
development
framework

CORE STRATEGY

adopted
July 2014



Leicester City
local
development
framework

Supplementary
Planning Document



GREEN SPACE SPD

Adopted April 2011



Leicester City Council
Preliminary Flood Risk Assessment
September 2011



URS

LEICESTER CITY COUNCIL

SURFACE WATER MANAGEMENT PLAN

PART 1 REPORT

MAY 2012



PREPARED FOR:



Supplementary Planning Document



Climate Change Adopted January 2011

Sustainable Drainage Guide

September 2014



Policies

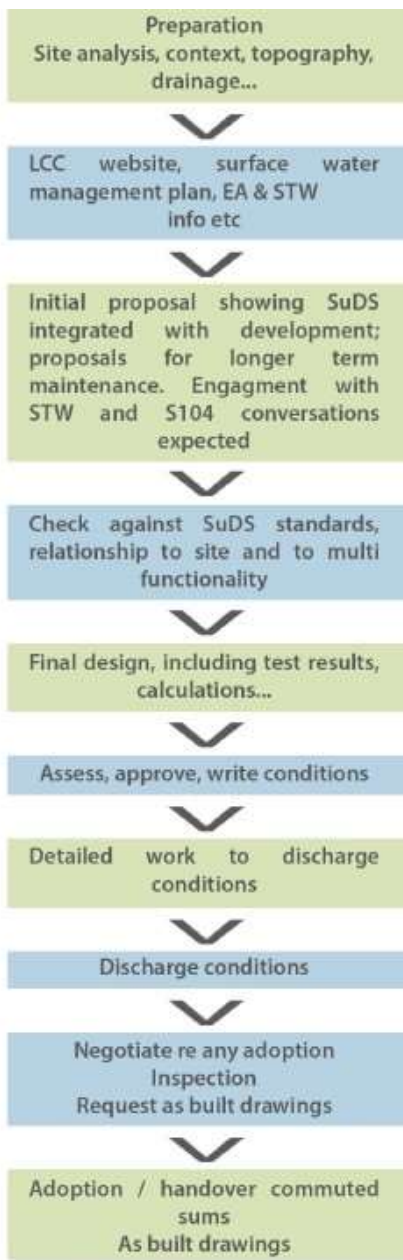


Leicester City Council Sustainable Drainage Systems (SuDS) Technical Guide

Section 1. Overall aim

This guidance explains how to achieve planning and other approvals for your development with respect to the provision of sustainable drainage.

- Information is provided as a series of simple steps.
- Working through these steps should ensure a greater likelihood of an easier and faster route through the planning approvals process with regard to sustainable drainage
- It is a unified Council response considered by all services with a responsibility for sustainable drainage.
- Provide clarification on what LCC will adopt or not adopt.



Developer



LCC/Other agencies

Section 6. Swales and storage areas





these are the houses at risk from flooding

these are the children from those houses



get the next generation involved