

**DSL 11 - SITE CONDITION REPORT FOR -
DATASHREDDERS LIMITED - 44, Hostmoor
Avenue, March Trading Park, March,
Cambridgeshire, PE15 0AX**

1.0 SITE DETAILS	
Name of the applicant	Datashredders Limited
Activity address	44, Hostmoor Avenue, March Trading Park, March, Cambridgeshire, PE15 0AX
National grid reference	TL 40820 98052

Document reference and dates for Site Condition Report at permit application and surrender	V2 25.05.2021
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Document references for site plans (including location and boundaries)	Proposed Permitted Area within application documents
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Note:

In Part A of the application form you must give us details of the site's location and provide us with a site plan. We need a detailed site plan (or plans) showing:

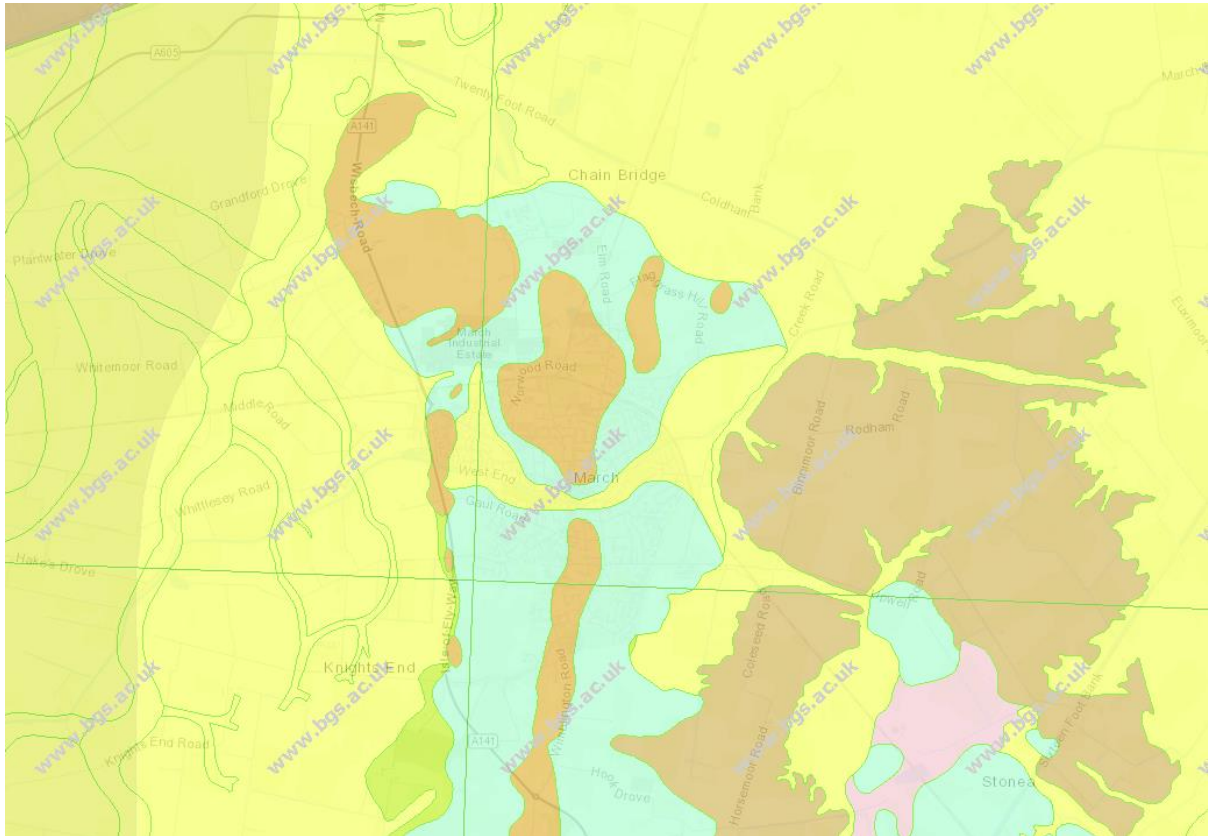
- *Site location, the area covered by the site condition report, and the location and nature of the activities and/or waste facilities on the site.*
- *Locations of receptors, sources of emissions/releases, and monitoring points.*
- *Site drainage.*
- *Site surfacing.*

If this information is not shown on the site plan required by Part A of the application form then you should submit the additional plan or plans with this site condition report.

2.0 Condition of the land at permit issue	
Environmental setting including: <ul style="list-style-type: none"> • geology • hydrogeology • surface waters 	The site is located at 44, Hostmoor Avenue, March Trading Park, March, Cambridgeshire, PE15 0AX
Pollution history including: <ul style="list-style-type: none"> • pollution incidents that may have affected land • historical land-uses and associated contaminants • any visual/olfactory evidence of existing contamination • evidence of damage to pollution prevention measures 	Pollution incidents that may have affected land – No known from previous history historical land-uses and associated contaminants – The site has been used for the recycling of plastics for the transfer of paper, card and plastics by Veolia E S (U K) Limited 18 years. The site was the transferred to Datsshredders under permit in March 2023 LB3601GK
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	
Baseline soil and groundwater reference data	See borehole information
Supporting information	<ul style="list-style-type: none"> • Source information identifying environmental setting and pollution incidents • Historical Ordnance Survey plans • Site reconnaissance • Historical investigation / assessment / remediation / verification reports • Baseline soil and groundwater reference data

Environmental setting including:

- geology
- hydrogeology
- surface waters



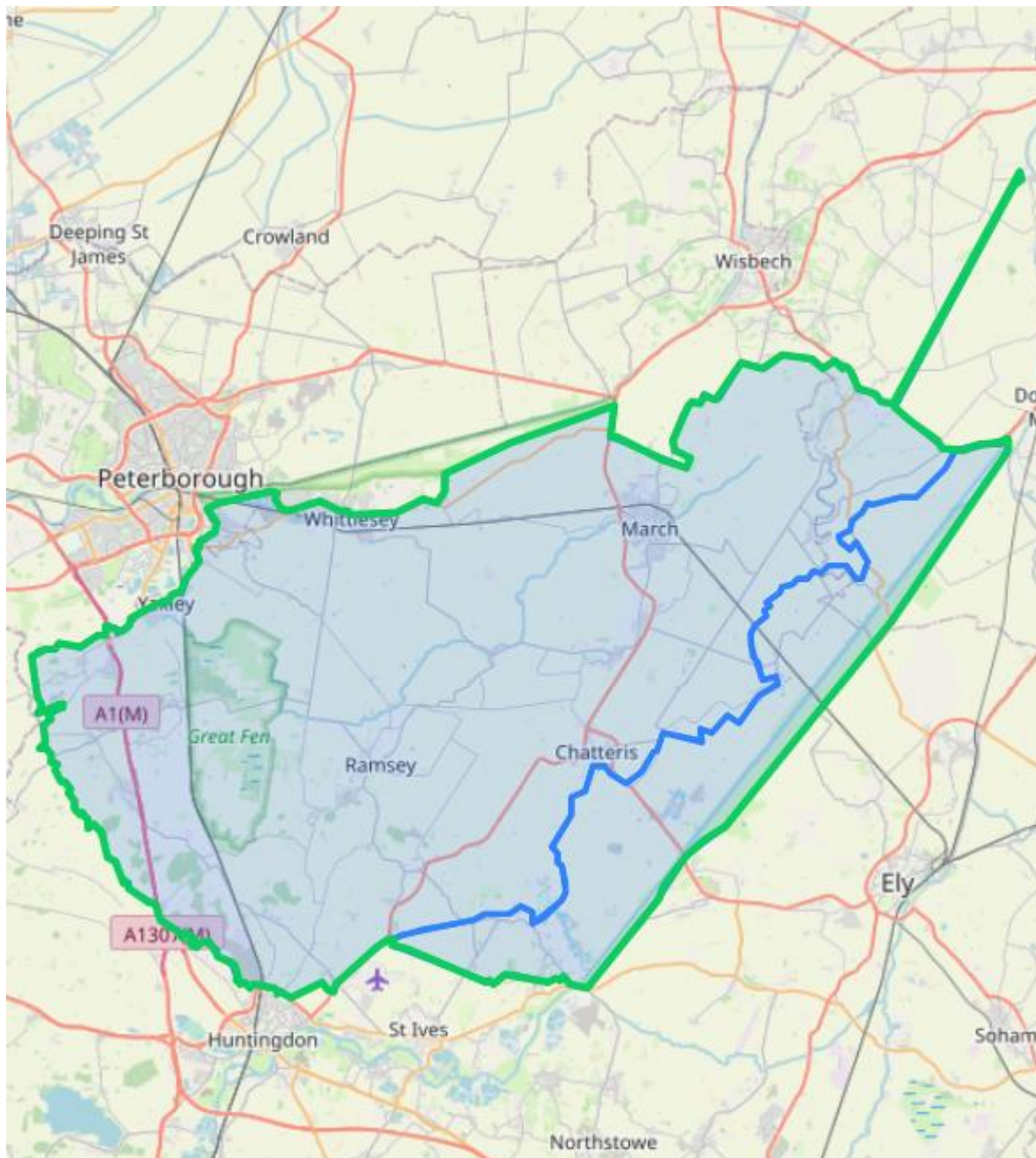
Geology

1:50 000 scale bedrock geology description: West Walton Formation And Amphill Clay Formation (undifferentiated) - Mudstone. Sedimentary Bedrock formed approximately 157 to 164 million years ago in the Jurassic Period. Local environment previously dominated by shallow seas.

Setting: shallow seas. These sedimentary rocks are shallow-marine in origin. They are detrital, ranging from coarse- to fine-grained (locally with some carbonate content) forming interbedded sequences.

Surface Waters

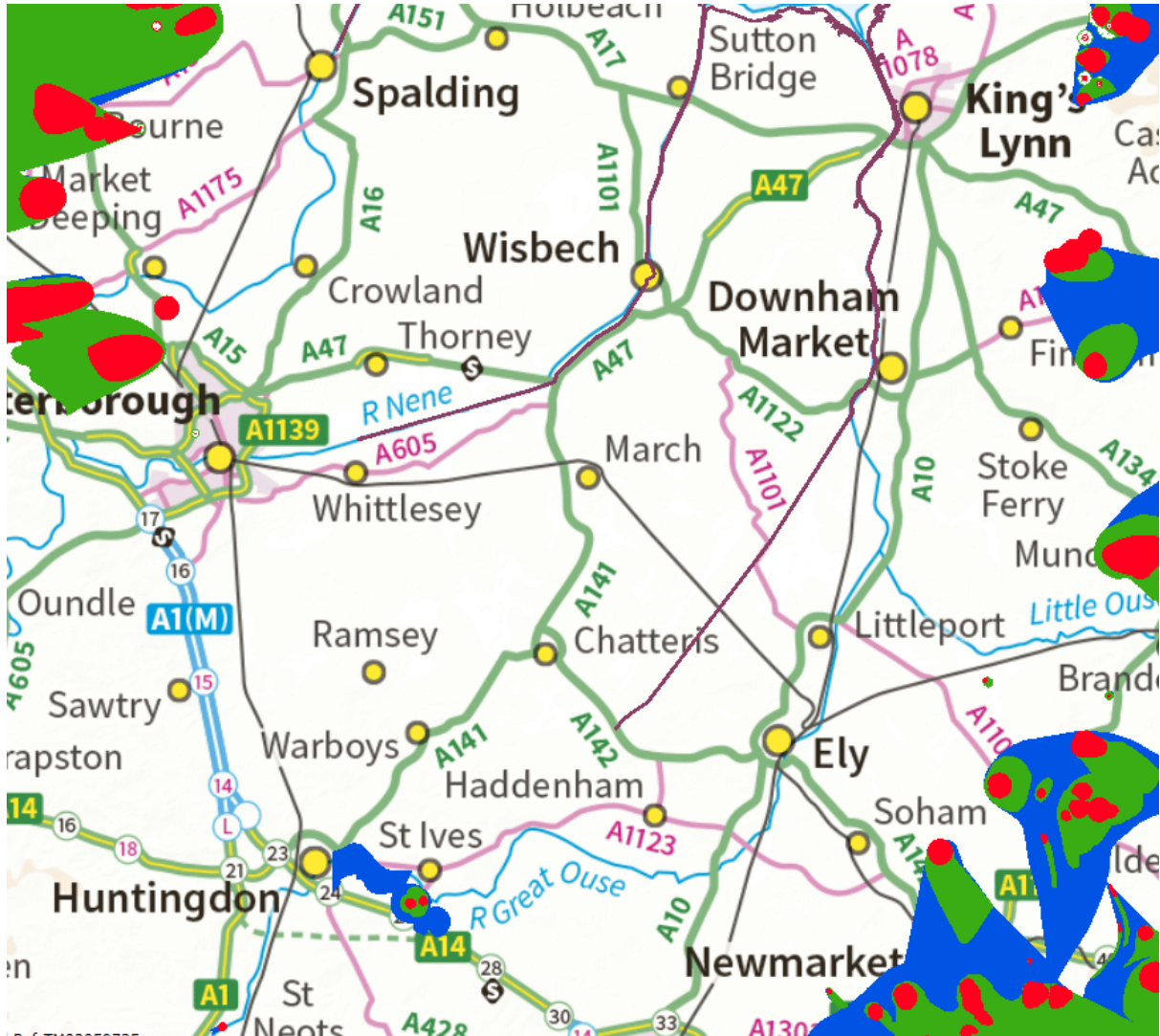
River catchment taken from Environment Agency catchment Data Explorer Site –



The local surface waste drains and dykes flow into the River Nene as part of the Old Bedford and Middle Level Management Catchment

Hydrology

Map showing source protection zones, with the site being located outside of any source protection zones.



Records from the British Geological Society's (BGS) provided the following borehole information taken from the Dunston area.

144440167-64

INTRODUCTION AND PURPOSE OF REPORT

The site under consideration is located on the March Trading Park on the north side of March in Cambridgeshire. It is proposed to construct an industrial development and a new road in an area measuring approximately 195 x 175m, at O.S. Grid Reference TL 408981. The Phase 1 site investigation comprising boreholes 1 to 3 covered the north west quarter only; the remaining parts of the site may be the subject of further investigation.

The site investigation was required in order to establish subsoil conditions and hence facilitate the design of foundations and pavements for the new development.

This report describes the work carried out, the ground conditions encountered and discusses their significance in relation to the proposals. The factual information is contained in the Appendices which include the exploratory hole records, in situ and laboratory test results, and a site plan.

DESCRIPTION OF SITE

The site is located at the eastern end of the March Trading Park and is approached by existing estate roads. At the time of the investigation it was covered by rough vegetation (generally grass and wild plants) and was surrounded on two sides by a 4m wide cultivated strip of land. The ground surface was essentially level and there was a ditch running parallel to the east west running estate road, on its north side.

The quarter of the site under investigation is bounded to the west and south by existing estate roads. The land to the north is currently under development and the remaining (uninvestigated) areas of the site are located to the east and beyond the road to the south.

Geological information for the area indicates that the site is underlain by Glacial Till which overlies Corallian Beds (possibly Ampthill Clay) of the Upper Jurassic Period (Reference 1).

MAY GURNEY		May Gurney (Technical Services) Limited		JOB No. 45205 405 981		
LOCATION: PROPOSED DEVELOPMENT, MARCH TRADING PARK, MARCH, CAMBRIDGESHIRE				TEL 4944/67		
COMMENCED: 13.07.90		COMPLETED: 16.07.90		DIAMETER: 150mm		
				BOREHOLE No: 1 (1 of 2)		
DESCRIPTION	LEGEND	DEPTH (m)	REDUCED LEVEL	SAMPLE/TEST	DEPTH (m)	REMARKS
GROUND LEVEL		0.00	+1.90			
MASE GROUND: Firm greyish brown sandy silty clay with some gravel, occasional brick fragments & rootlets				J1	0.10	
Orange/brown silty fine to coarse (mainly medium) SAND with occasional flint gravel & chalk fragments and occasional clayey pockets		0.60	1.30	S J2 B1	0.60 0.60 0.60-1.05	N =20
FIRM to STIFF brown & grey mottled sandy silty CLAY with some chalk gravel & occasional flints.		1.25	0.65	J3	1.25	
Below 2.00m becoming STIFF				S J4 B2	1.50 1.50 1.50-1.95	N =17
By 2.45m becoming dark greyish brown in colour, with a little semi-decayed root material; gravel includes occasional mudstone fragments				U1	2.00	(65)
By 3.45m becoming STIFF to VERY STIFF and dark brown & grey mottled				J5	2.45	
				U2	3.00	(85)
				J6	3.45	
				B3	4.00-4.40	
STIFF dark grey fissured silty CLAY with occasional fossilised shell fragments		4.40	-2.50	U3	4.40	(50)
				J7	4.85	
				B4	5.50-6.00	
				U4	6.00	(60)
By 6.45m becoming STIFF to VERY STIFF				J8	6.45	
Below 7.30m CLAY contains bands of grey silty MUDSTONE				B5	7.00-7.50	
				U5	7.50	(90)
				J9	7.95	
				B6	8.50-9.00	
Near base CLAY becomes highly fossiliferous				U6	9.50	(70)
END OF BOREHOLE		10.00	-8.10	J10	9.95	

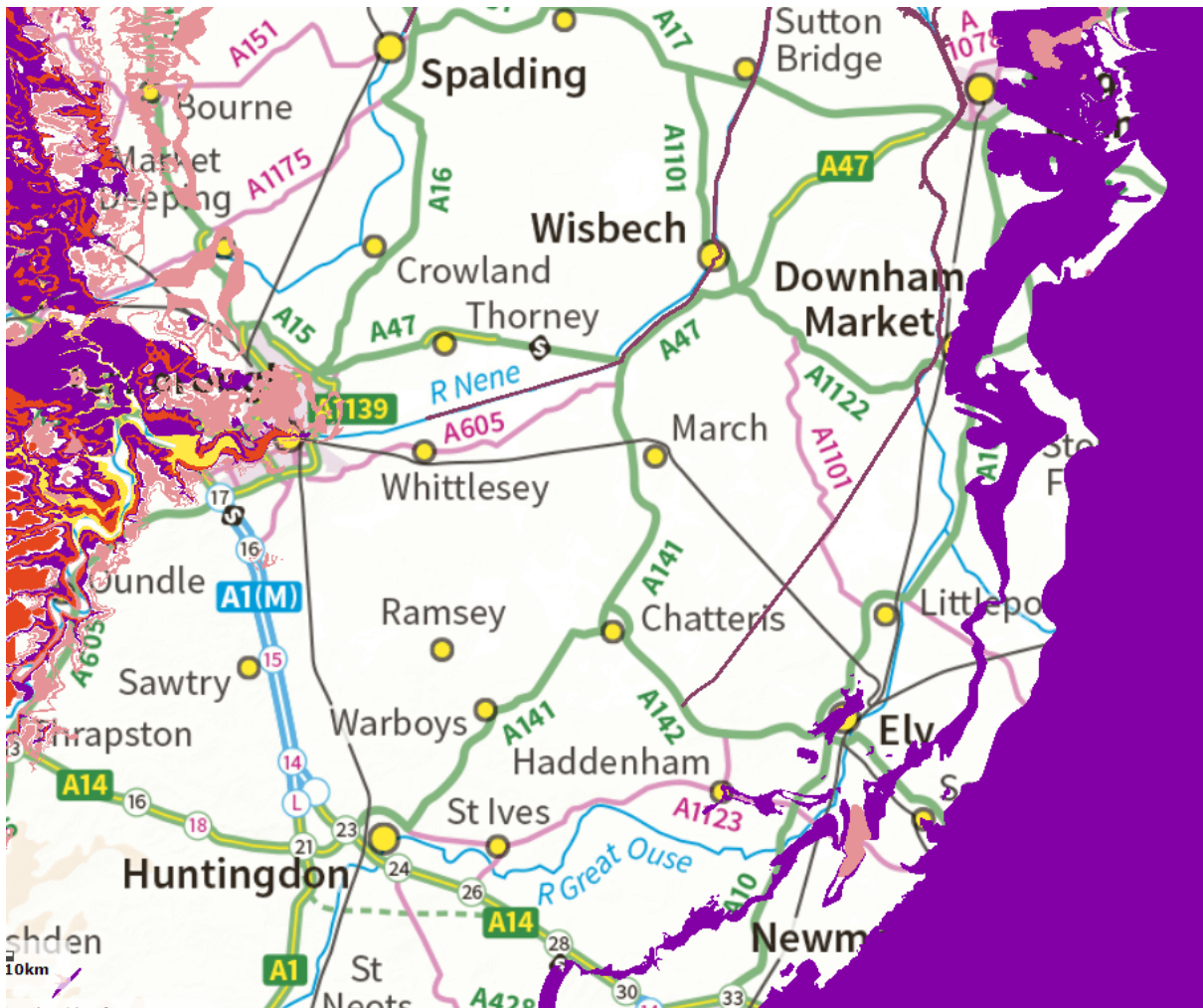
GROUNDWATER NOTES						
SAMPLE/TEST KEY	DATE/TIME	STRUCK	STANDING	RATE OF RISE	DEPTH OF CASING	DEPTH OF SEAL
J - Jar disturbed sample						
B - Bulk disturbed sample						
U - Undisturbed sample (No of Blows)	16.07.90/1530	7.50	9.20	See remarks	1.50	REMOVED
P - 100mm dia. piston sample						
W - Water sample						
S - Standard Penetration Test						
C - Cone Penetration Test						
N - No. blows/300m penetration						
FHT - Falling head test						
V - Vane Test						

MAY GURNEY		May Gurney (Technical Services) Limited		JOB No. 45205 405 981		
LOCATION: PROPOSED DEVELOPMENT, MARCH TRADING PARK, MARCH, CAMBRIDGESHIRE				TEL 4944/67		
COMMENCED: 13.07.90		COMPLETED: 16.07.90		DIAMETER: 150mm		
				BOREHOLE No: 1 (2 of 2)		
DESCRIPTION	LEGEND	DEPTH (m)	REDUCED LEVEL	SAMPLE/TEST	DEPTH (m)	REMARKS
GENERAL REMARKS						
1. One hour spent chiselling through the mudstone bands in the clay between 7.50 and 10.00m						
2. Very slow groundwater seepage occurred at 7.50m depth, but there was insufficient accumulation to obtain a water sample						
3. Boreholes 1, 2 and 3 were each backfilled with cement : bentonite grout						
4. The reduced levels shown on each borehole have been interpolated from Derrick uide & Waters site survey plan						

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The drilling core shows that at 4.40 grey clay is encountered providing a barrier to prevent liquids travelling to ground water.

Principal aquifer - Source Magic Map



The site is not located within an aquifer.

Pollution history including:

Pollution incidents that may have affected land
Historical land-uses and associated contaminants

Local Permitted Activities

The Environment Agency Public Register for waste operations shows there are a number of permitted operations within 1km of the proposed operation.

Name	Number	(km)	Address
Veolia E S (U K) Limited	GB3503XJ/T001	0.1	44, Hostmoor Avenue, March Trading Park, March, Cambridgeshire, PE15 0AX
Martin Brooks	JP3990NX/V002	0.3	March (Melbourne Avenue) Transfer Station, Melbourne Avenue, March, Cambridgeshire, PE15 0EN
Cambridgeshire County Council	FP3998LV/A001	0.4	Melbourne Avenue, March, Cambridgeshire, PE15 0NE
Amey Cespa (East) Ltd	DP3491SY/V004	0.4	Melbourne Avenue, Hundred Road, March, Cambridgeshire, PE15 0EN
Amey Cespa (East) Ltd	CB3008MG/V002	0.6	March H R C, Hundred Road, March, Cambridgeshire, PE15 8QJ
Azizy Mr Shire Hasan	HB3605GC/T001	0.7	19-27, Commercial Road, March, Cambridgeshire, PE15 8QP
Network Rail Infrastructure Limited	DP3535HN/V006	0.9	National Track Materials Recycling Centre, Hundred Road, March, Cambridgeshire, PE15 8QJ

Any visual/olfactory evidence of existing contamination

The permitted area is currently a sealed concrete pad with no evidence of damage or pollution.

Evidence of damage to pollution prevention measures

Provisions will be made for clearing spills including the constant availability of road sweepers on site.

Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)

The following is known about sites history.

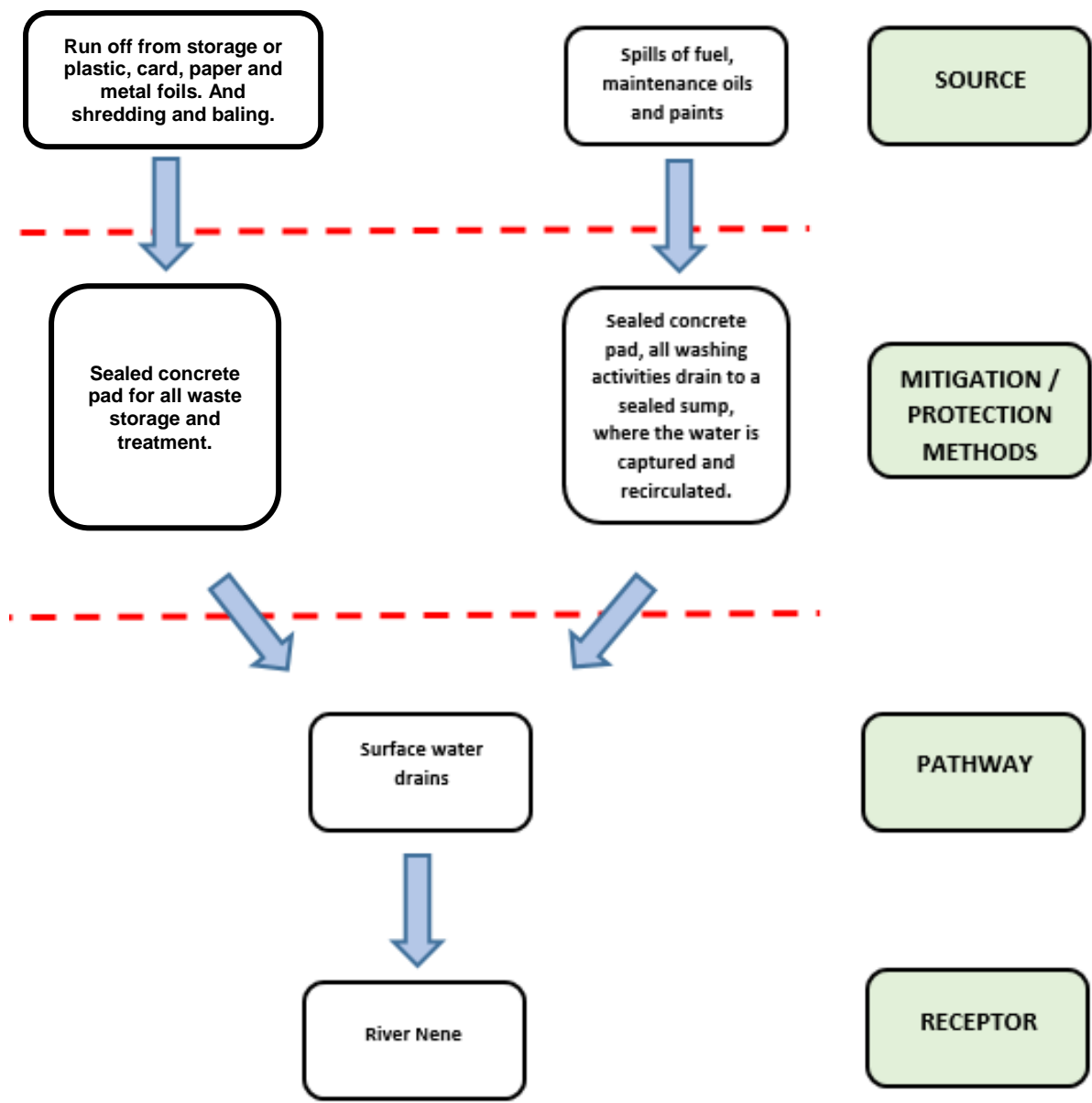
The proposed additional permitted area will again be within the footprint of the yard previously used for skip storage by Veolia, the permit was transferred in March 2023 to Datashredders.

Historic maps show that the area was farmland prior to being an industrial estate.

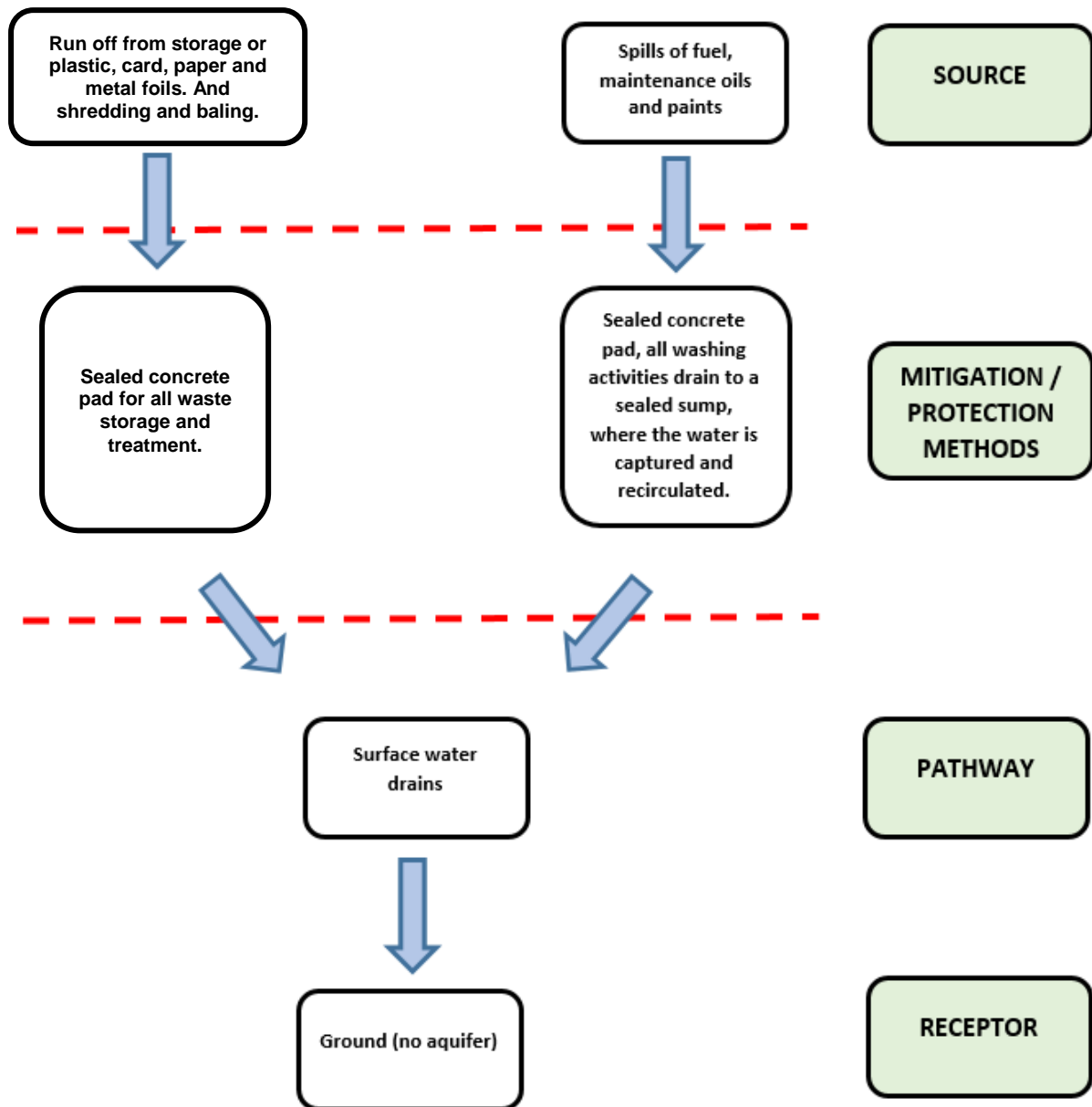
Aerial photograph of the existing waste transfer operation.



Basic Conceptual Site Model (CSM) showing the source-pathway-receptor linkage and how they are to be broken - Surface Water – Little Ouse.



Basic Conceptual Site Model (CSM) showing the source-pathway-receptor linkage and how they are to be broken - Ground Water – Principal Aquifer





Description of nearby surface water features/watercourses and the potential risks

The site is located within the River Nene catchment, which forms part of the Old Bedford and Middle Level Management Catchment. The River Nene is fed in the locality by surface water drains and dykes. In the event of and containment or spill at the site without any pollution prevention measures that are explained within the Environmental Risk Assessment and highlighted in the Basic Conceptual Site Model (CSM) there would certainly be an impact on surface water from, however preventative measures have been taken.

Drainage – The current operation is carried out in line with the environmental permit on hardstanding. The new washing operation will be carried out on an impermeable concrete pad as part of a sealed drainage system, draining to a sealed sump. This also protects from spills of plant fuel, grease or any other liquids entering surface water drains,

Site location in proximity to the River Nene

Symbol	Item
	Site
	Little Ouse



3.0 Permitted activities	
Permitted activities	Transfer, treatment and storage of waste card, paper, wood and plastics.
Non-permitted activities undertaken	Related activities to serve the waste management activity including – <ul style="list-style-type: none"> - Office - Maintenance of plant and equipment
Document references for: <ul style="list-style-type: none"> • plan showing activity layout; and • environmental risk assessment. 	Site plan

Permitted activities

The permitted activity is the storage, transfer and treatment of waste card, paper, wood and plastics. Treatment techniques will include manual sorting and separation, shredding, compaction and bailing.

Non-permitted activities undertaken

The site has a small cabin.

The cabin is used predominantly as an office.