



March 2022
Ref: 1714-ERA-R1.1

Environmental Risk Assessment for Milton Landfill



Contents

1. Introduction	1
2. The Site.....	1
2.1. Location.....	1
2.2. Environmental Setting	2
2.3. Geology.....	4
2.4. Hydrogeology.....	4
2.5. Hydrology.....	4
3. Risk Assessment.....	5
3.1. Environment Agency Guidance.....	5
3.2. Methodology	5
4. Summary and Conclusions.....	15

APPENDICES

APPENDIX 1 Groundsure Report

Disclaimer

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1. Introduction

Milton Landfill Site is operated by FCC Environment (FCC), under environmental permit number BV4584IU, issued in 2005. An application is being made to vary the environmental permit to address a number of issues as listed below:

- To revise the leachate compliance levels;
- To increase the annual tonnages of waste and restoration materials;
- To surrender small areas of land, which have not been landfilled;
- To include new groundwater monitoring boreholes and associated compliance limits;
- To reduce the number of leachate wells used for regular monitoring;
- A revised surface water management scheme.

A revised gas risk assessment and stability risk assessment is submitted with the application.

A pre-application meeting was held with the Environment Agency on 28 September 2020. Subsequent written advice from the EA was referenced EPR-BV4584IU_V010 and dated 8/8/20. This included details of the required documentation to complete the permit variation application and an updated Environmental Risk Assessment was requested.

This report constitutes the updated Environmental Risk Assessment for Milton Landfill and has been prepared with reference to EA guidance on the following web page:

<https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit#risks-from-your-site>.

2. The Site

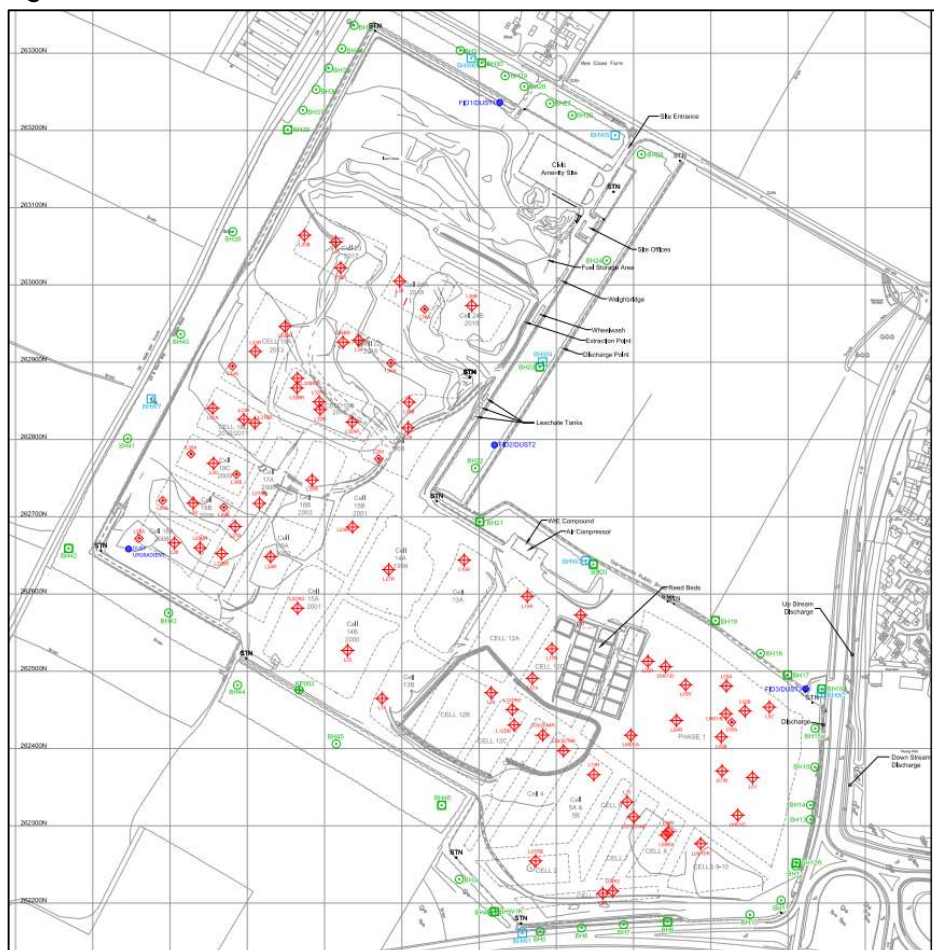
2.1. Location

Milton Landfill is a non-hazardous landfill, located on Butt Lane, Milton, Cambridgeshire, CB24 6DQ, approximately 4km north of Cambridge city centre. The site can be located by National Grid Reference TL 465 632. The site occupies an area of approximately 48 hectares and is roughly L-shaped, refer to Figure 1.

The land surrounding the site is relatively low lying, agricultural land, with elevations of approximately 13m AOD on the western boundary and 10m AOD on the eastern boundary. Milton Park and Ride is adjacent to the northeastern boundary of the site. There is a farm directly opposite the northern boundary of the site and a small business park adjoining the northwestern boundary.

A Site Plan is presented as Figure 1.

Figure 1: Site Plan



2.2. Environmental Setting

Milton Landfill is located on the north of Cambridge, approximately 1.5 - 2km west of the River Cam, where ground is relatively low lying and flat. There are a number of Local Nature Reserves (LNR) and Local Wildlife Sites (LWS) within 2km of the site. The site is not within a groundwater source protection zone. It is within Flood Zone 1: low risk of flooding.

Further environmental features are summarised in Table 1, giving approximate distances from the landfill and described in more detail in the sections below. More details are contained in the Groundsure Report, Appendix 1.

Table 1: Local Environmental Features

Feature	Description	Distance
Residential/Work-Place/Amenity -Within 50 m	Busines park Sun Close Farm & New Close Farm	Adjacent to NE Opposite side of Butt Lane to N
Residential/Work-Place/Amenity - Between 50 and 250 m	Milton Park & Ride Residential area Cambridge science park	57m E Opposite side of A10 to E Opposite side of A14 to S
Residential/Work-Place/Amenity - Between 250 and 1000 m	Caravan site Milton Country Park	500m SW 750m E
Habitats		
Habitats Directive sites	None within 2km	
CROW Act 2000 sites	Histon Road SSSI	2km SW
Other designated habitat sites	Bramble Fields LNR Worts Meadow LNR	1.5km SSE 1.9km N
Groundwater		
Aquifer	River Terrace Deposits Lower Greensand	On site at surface At depth below significant thickness of Gault Clay
Groundwater protection zone	n/a	Closest is 6.5km to the southeast
Active groundwater abstractions	General agriculture, National Gid ref: TL 449 621	1.1km SW
Nitrate vulnerable zone	Yes	
Surface Water		
Nearest surface water	Thirteenth Public Drain	Adjacent to NE of site - generally dry
Direct runoff from site?	Drainage to attenuation pond before release	
Surface water abstractions	Chapman, spray irrigation TL 476 634	900m NE
Surface water discharges	None within 500m	
Wells and springs		
Wells	None within 1km	
Springs	None within 1km	
Air quality management zone	No	
Flood zone	Flood zone 1 - low risk	

2.3. Geology

The geology of the site can be viewed on the British Geological Survey (BGS) Geology of Britain Viewer. This shows the site to be underlain by Gault Clay. There are superficial River Terrace Deposits indicated as occurring along the middle part of the western boundary, however, on the remainder of the site there are no superficial deposits indicated. Perimeter boreholes have encountered a shallow thickness of River Terrace Deposits in most parts of the site. The Gault Clay is approximately 24 - 28m in thickness in the area of the site and is underlain by a thin layer of Lower Greensand and in turn by Kimmeridge Clay.

2.4. Hydrogeology

The River Terrace Gravel Deposits are classified as a Secondary A aquifer, with an easterly direction of groundwater flow. The Gault Clay is unproductive strata. The Lower Greensand is classified as a principal aquifer, but is only in the region of 4.5 to 7.5m in thickness below the site. The direction of groundwater flow in the Lower Greensand is estimated to be northeastwards.

Further details of the geology and hydrogeology of the site are presented in the Hydrogeological Risk Assessment, McDonnell Cole Ltd, 2021, reference 1714-HRA-R2.1.

2.5. Hydrology

The site is within the catchment of the River Cam, which flows south to north approximately 1.5km east of the site. The closest surface water feature to the site is the Thirteenth Public Drain, which flows west to east along the northern boundary of Phase I, although this is commonly dry. From there it crosses below the A10, passes a superstore and flows through Milton Country Park to reach the River Cam. There are smaller drains along the eastern and southern boundary of the site.

The existing environmental permit includes a discharge point on the Thirteenth Public Drain, listed as being sourced from an effluent treatment plant. The plant is no longer present on site. The updated surface water management scheme will discharge clean rainfall run off from a new attenuation lagoon in the northeast of the site to the Thirteenth Public Drain. The drain will continue to be monitored in line with the requirements of the existing permit.

3. Risk Assessment

3.1. Environment Agency Guidance

EA guidance on risk assessments for your environmental permit requires that the following are addressed:

1. Discharges to surface water, or groundwater
2. Accidents
3. Odour
4. Noise and vibration
5. Fugitive emissions: dust, litter, pests and pollutants that should not be in site discharges
6. Visible emissions, such as smoke, or plumes
7. Bioaerosols.

Each of these risks is addressed qualitatively in turn. Where a more detailed, or quantitative risk assessment is required, the appropriate additional risk assessment report is referenced.

3.2. Methodology

A number of risks associated with the landfill site are the subject of separate detailed risk assessments and these are identified below.

- Emissions to groundwater – McDonnell Cole Ltd: 2021: Hydrogeological Risk Assessment, reference 1714-HRA- R2.1.
- Discharges to surface water – Sirius Environmental: 2020: Specification for Construction of Surface Water Management Scheme at Milton Landfill. Ref: WR7544/01
- Landfill Gas – Byrne Looby: 2021: Landfill Gas Risk Assessment, Milton Landfill Site, report reference 5375-R001
- Stability – Sirius : 2021: Stability Risk Assessment for Proposed Leachate Level Increase at Milton Landfill Site, Report reference WR7788/SRA Rev 2
- Habitats – Habitats Assessment in relation to impacts of raising leachate compliance levels, McDonnell Cole Ltd: 2021, reference 1714-HA
- Emergency Management Plan: FCC: May 2021: Document reference IMS-FRM-068. Version 10.

The remaining risks are assessed qualitatively in Table 2 as

- 1) Odour,
- 2) Noise and vibration,
- 3) Fugitive Emissions (3a dust, 3b litter, 3c pests, 3d mud, 3e spillages),
- 4) Visible Emissions,
- 5) Bioaerosols.

Table 2: Qualitative Environmental Risk Assessment

	Source/Hazard	Pathway	Receptor	Risk Management technique	Probability of exposure	Consequence	Overall risk
1	Odour – receipt and handling of odorous wastes, as listed in Table 3	Air	1. Properties adjacent to N (Sun Close + New Close Farm, business park) 2. Park and Ride 3. Public footpaths SW,W,N 4. Housing E of A10 5. Cambridge Science Park S 6. Caravan Site SW	Covered delivery vehicles; appropriate daily cover; temporary capping prior to permanent cap	Most likely in the direction of the prevailing wind: to NE. Park & Ride most likely to be affected but occupation is transient. Sun Close and New Close Farm most sensitive as landfill reaches final cells. Cells on south are completed, so exposure to south low.	Loss of amenity and enjoyment of private dwellings	Medium- to N/NE of site during final stages of landfilling Low- elsewhere due to management measures in place
	Odour – landfill gas			Active landfill gas extraction and utilisation plant. Gas monitoring.			
	Odour – leachate			Active leachate management system. Annual updates to the Leachate Management Plan. Further details in Odour Management Plan and Gas Management Plan			
2	Noise.& vibration from <ul style="list-style-type: none"> • Engineering of lining and capping • Waste compaction and loading plant 	Air and ground	1. Properties adjacent to N (Sun Close + New Close Farm, business park) 2. Park and Ride 3. Public footpaths SW,W,N	Restricted operational hours Plant and machinery maintained in line with manufacturers specifications	Likely at a low level during normal working hours to closest receptors.	Loss of amenity and enjoyment of private dwellings	Low
	Noise and vibration from gas utilisation plant			Gas plant operated and managed by specialists in gas utilisation. Migration of noise buffered by trees. Noise monitoring is carried out twice a year in line with planning. Further measures in Noise and Vibration Management Plan.			
3	Fugitive Emissions						
3a	Dust / particulates –	Air	1. Properties adjacent to N	Limited waste disposal	Low due to distance	Loss of amenity and	Low

	Source/Hazard	Pathway	Receptor	Risk Management technique	Probability of exposure	Consequence	Overall risk
	receipt of dusty wastes as listed in Table 4		(Sun Close + New Close Farm, business park) 2. Park and Ride 3. Public footpaths SW,W,N 4. Housing E of A10 5. Cambridge Science Park S 6. Caravan Site SW	during adverse weather conditions. Waste delivered in covered vehicles. Compaction of waste and use of appropriate daily cover. Use of temporary capping prior to final cap installation.	of receptors from operational areas coupled with management techniques in place.	enjoyment of private dwellings. Harm to human health.	
	Dust/particulates - vehicle movements and engineering works			Use of tractor and bowser in dry conditions. Use of low site speed limits. Use of a regular road sweeper to clean access roads. Dust Management Plan and quarterly dust monitoring	Medium to receptors on N/NE of site in dry and windy weather	Loss of amenity and enjoyment of private dwellings. Harm to human health.	With appropriate management measures in place the risk can be reduced to low
3b	Litter - wastes that may generate litter are listed in Table 5	Air	1. Properties adjacent to N (Sun Close + New Close Farm, business park) 2. Park and Ride 3. Public footpaths SW,W,N 4. Housing E of A10 5. Cambridge Science Park S 6. Caravan Site SW	Limited waste disposal during adverse weather conditions. Waste delivered in covered vehicles. Compaction of waste and use of appropriate daily cover. Use of temporary capping prior to final cap installation. Use and maintenance of litter fencing. Daily litter picking.	Low due to management measures in place	Loss of amenity and enjoyment of private dwellings. Harm to human health.	Low
3c	Pests (birds, vermin, insects) - increased	Air / ground. Transported	1. Public footpaths SW,W,N 2. Properties adjacent to N	Waste delivered in covered vehicles.	Low due to management	Loss of amenity and enjoyment of private	Low

	Source/Hazard	Pathway	Receptor	Risk Management technique	Probability of exposure	Consequence	Overall risk
	incidence. Wastes moved off site by pests.	by pests	(Sun Close + New Close Farm, business park) 3. Park and Ride	Compaction of waste and use of appropriate daily cover. Use of temporary capping prior to final cap installation. Weekly inspections and use of pest control if infestations found. More measures in Pest Management Plan.	measures in place	dwelling. Harm to human health.	
3d	Mud on road	Vehicle movement	Local roads, principally Butt Lane	The site has a wheel wash. Internal access roads cleaned and maintained regularly. Use of road sweeper on public highway close to site. Sufficient length of internal roads to reduce carry off site. More measures in Dirt and Mud Management Plan	Medium during wet weather and periods of clay engineering works.	Loss of amenity. Risk of skid to local road users.	Low - with management measures in place
3e	Spillages causing contamination of surface water system	Surface water	Thirteenth Public Drain, or other surface water down gradient	Storage of fuel, oils and cleaning chemicals is in a designated, suitably contained area of the site (refer to Emergency Management Plan with Environmental Management System) Refuelling and vehicle maintenance carried out in designated, suitably contained area. Discharge from attenuation pond has facility to be	Low due to management techniques and position of surface water management system relative to the potentially contaminative site activities.	Low	

	Source/Hazard	Pathway	Receptor	Risk Management technique	Probability of exposure	Consequence	Overall risk
				blocked should contamination occur.			
4	Visible emissions - <ul style="list-style-type: none"> • smoke • visible plumes - dust • visible plumes - gas flare/exhaust 	Air	1. Properties adjacent to N (Sun Close + New Close Farm, business park) 2. Park and Ride 3. Public footpaths SW,W,N 4. Housing E of A10 5. Cambridge Science Park S 6. Caravan Site SW	Site is strictly no smoking. Waste types and their management should eliminate the risk of receiving, or generating smoking wastes. Dust will be managed as in 3a. Visible emissions from the gas utilisation plant will be limited and screened by trees.	Smoke - very low Dust plumes - low due to management techniques. Gas plant emissions - very low	Loss of amenity	Low to very low
5	Bioaerosols	Air	Sensitive receptors within 250m	Principal sources of bioaerosols are composting, anaerobic digestion and mechanical biological treatment. Refer to RPS209. None of the above are undertaken at Milton Landfill	n/a	n/a	n/a

Table 3: List of Odorous wastes

EWC code	Description	Risk	Justification		
02 01 02	Animal tissue waste	High	Presence of decomposing organic matter		
02 02 02	Animal tissue waste				
04 01 01	Fleshings and lime split waste				
04 01 06	Sludges from on site effluent treatment with chromium				
04 01 07	Sludges from on site effluent treatment, no chromium				
04 02 10	Organic matter from natural products (eg grease, wax)				
04 02 20	Sludges from onsite effluent treatment other than those mentioned in 04 02 19				
19 01 19	Sands from fluidised beds	High	Presence of sewage residues		
19 02 03	Pre-mixed waste composed only of non-hazardous wastes				
19 02 06	Sludges from physico chemical treatment other than those mentioned in 19 02 05				
19 08 01	Screenings				
19 08 02	Waste from de-sanding				
19 08 09	Grease and oil mixture from oil/water separation containing only edible oil and fats				
19 09 01	Solid wastes from primary filtration and screenings				
20 03 04	Septic tank sludge				
20 03 06	Waste from sewage cleaning				
02 01 03	Plant tissue waste			High	Presence of putrescible materials and decaying organic matter
19 05 01	Non-composted fraction of municipal and similar waste				
19 05 02	Non-composted fraction of animal and vegetable waste				
19 05 03	Off-specification compost				
19 06 04	Digestate from anaerobic treatment of municipal waste				
19 06 06	Digestate from anaerobic treatment of animal and vegetable waste				
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	High	Potential presence of putrescible materials		
02 02 03	Materials unsuitable for consumption or processing				
02 02 04	Sludges from on-site effluent treatment				
02 03 04	Materials unsuitable for consumption or processing				
02 03 05	Sludges from on-site effluent treatment				
02 04 03	Materials unsuitable for consumption or processing				
02 05 01	Materials unsuitable for consumption or processing				
02 05 02	Sludges from on-site effluent treatment				
02 06 01	Materials unsuitable for consumption or processing				
02 06 03	Sludges from on-site effluent treatment				
02 07 04	Materials unsuitable for consumption or processing				
02 07 05	Sludges from on-site effluent treatment				
20 01 08	Biodegradable kitchen and canteen waste				
20 01 25	Edible oil and fat				
20 02 01	Biodegradable waste				
20 03 01	Mixed municipal waste				
20 03 02	Wastes from markets				
20 03 03	Street cleaning residues				
02 07 02	Wastes from spirits distillation			High	Potential residues of alcohol

EWC code	Description	Risk	Justification
02 03 03	Waste from solvent extraction	High	Potential solvents
08 01 12	Waste paint and varnish other than those mentioned in 08 01 11		
08 01 14	Sludges from paint or varnish other than those mentioned in 08 01 13		
08 01 16	Aqueous sludges containing paint or varnish other than those mentioned in 08 01 15		
08 01 18	Waste from paint or varnish removal other than those mentioned in 08 01 17		
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09		
08 04 12	Adhesive and sealant sludges other than those mentioned in 08 04 11		
08 04 14	Aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13		
20 01 28	Paint, inks, adhesives and resins other than those mentioned in 20 01 27	High	Potential sulphur
03 03 02	Gren liquor sludge (from recovery of cooking liquor)		
03 03 05	De-inking sludges from paper recycling		
03 03 11	Sludges from on-site effluent treatment other than those mentioned in 03 03 10		
05 01 10	Sludges from on-site effluent treatment other than those mentioned in 05 01 09		
05 01 16	Sulphur containing waste from petroleum desulphurisation		
05 01 17	Bitumen		
05 07 02	Wastes containing sulphur		
06 06 03	Wastes containing sulphides other than those mentioned in 06 06 02		
10 01 05	Calcium-based reaction waste from flue gas desulphurisation in solid form		
10 01 07	Calcium-based reaction waste from flue gas desulphurisation in sludge form		
10 01 19	Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18		
10 01 21	Sludges from on-site effluent treatment other than those mentioned in 10 01 20		
10 01 23	Aqueous sludges from boiler cleansing other than those mentioned in 10 01 22		
10 01 25	Wastes from fuel storage and preparation of coal-fired power plants		
10 02 14	Sludges and filter cakes from gas treatment other than those mentioned in 10 02 13		
10 02 15	Other sludges and filter cakes		
10 03 24	Solid wastes from gas treatment other than those mentioned in 10 03 23		
10 03 26	Sludges and filter cake from gas treatment other than those mentioned in 10 03 25		
10 08 18	Sludges and filter cake from gas treatment other than those mentioned in 10 08 17		
17 03 02	Bituminous mixtures other than those mentioned in 17 03 01		
19 11 06	Sludges from on-site effluent treatment other than those mentioned		

EWC code	Description	Risk	Justification
	in 19 11 05		
02 07 03	Waste chemical treatment	High	Potential presence of odour bearing substances
06 05 03	Sludges from on-site effluent treatment other than those mentioned in 06 05 02		
07 01 12	Sludges from on-site effluent treatment other than those mentioned in 07 01 11		
07 02 12	Sludges from on-site effluent treatment other than those mentioned in 07 02 11		
07 07 12	Sludges from on-site effluent treatment other than those mentioned in 07 07 11		
15 02 03	Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02		
16 03 06	Organic wastes other than those mentioned in 16 03 05		
17 05 06	Dredging spoil other than those mentioned in 17 05 05		
18 02 06	Chemicals other than those mentioned in 18 02 05		
19 09 03	Sludges from decarbonation		
19 09 04	Spent activated carbon		
19 09 05	Saturated or spent ion exchange resins		
19 09 06	Solutions and sludges from regeneration of ion exchangers		
19 13 02	Solid wastes from soil remediation other those mentioned in 19 13 01		
19 13 04	Sludges from soil remediation other those mentioned in 19 13 03		
19 13 06	Sludges from groundwater remediation other than those mentioned in 19 13 05		
02 01 09	Agrochemical waste other than those mentioned in 02 01 08	High	Potential ammonia
07 03 12	Sludges from on site effluent treatment other than those mentioned in 07 03 11		
20 01 30	Detergents other than those mentioned in 20 01 29		
19 08 05	Sludges from treatment of urban waste water	Medium	Presence of eutrophied water
19 08 12	Sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11		
19 08 14	Sludges from other treatment of industrial waste other than those mentioned in 19 08 13		
19 09 02	Sludges from water clarification		
02 01 01	Sludges from washing and cleaning	Medium	Potential residues of putrescible materials
02 02 01	Sludges from washing and cleaning		
02 03 01	Sludges from washing and cleaning, peeling centrifuging and separation		
02 07 01	Waste from washing, cleaning and mechanical reduction of raw materials		

Table 4: Wastes likely to generate particulates

EWC code	Description	Risk	Justification
01 03 08	Dusty and powdery wastes other than those mentioned in 01 03 07	High	Presence of fine, medium, or coarse particulate matter
01 04 10	Dusty and powdery wastes other than those mentioned in 01 04 07		
08 02 01	Waste coating powders		
10 03 22	Other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21		
10 05 04	Other particulates and dust		

EWC code	Description	Risk	Justification
10 06 04	Other particulates and dust		
10 07 04	Other particulates and dust		
10 08 04	Particulates and dust		
10 09 12	Other particulates other than those mentioned in 10 09 11		
10 10 12	Other particulates other than those mentioned in 10 10 11		
19 10 06	other fractions other than those mentioned in 19 10 05		
10 11 05	Particulates and dust		
10 12 03	Particulates and dust		
10 13 06	Particulates and dust (except 10 13 12 and 10 13 13)		
12 01 02	Ferrous metal dust and particles	High	Presence of fine, medium, or coarse particulate matter
12 01 04	Non-ferrous metal dust and particles		
10 01 01	Bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	High	Presence of fine, medium, or coarse particulate matter
10 01 15	Bottom ash slag and boiler dust from co-incineration other than those mentioned in 10 01 14		
19 01 12	Bottom ash and slag other than those mentioned in 19 01 11		
19 01 16	Boiler dust other than those mentioned in 19 01 15		
10 01 02	Coal fly ash	High	Presence of fine particulate matter
10 01 03	Fly ash from peat and untreated wood		
10 01 17	Fly ash from co-incineration other than those mentioned in 10 01 16		
10 01 19	Wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18		
10 03 24	Solid wastes from gas treatment other than those mentioned in 10 03 23		
10 03 30	Wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29		
19 01 14	Fly ash other than those mentioned in 19 01 13	High	Presence of fine particulate matter
06 09 02	Phosphorus slag		
06 09 04	Calcium-based reaction wastes other than those mentioned in 06 09 03		
06 13 03	Carbon black		
07 02 17	Wastes containing silicones other than those mentioned in 07 02 16		
10 03 18	Carbon containing waste from anode manufacture other than those mentioned in 10 03 17		
19 09 04	Spent activated carbon		
11 05 02	Zinc ash	High	Presence of fine, medium and coarse particulates
10 10 10	Flue gas dust other than those mentioned in 10 10 09	High	Presence of fine particulates
10 03 20	Flue gas dust other than those mentioned in 10 03 19		
10 08 16	Flue gas dust other than those mentioned in 10 08 15		
10 09 10	Flue gas dust other than those mentioned in 10 09 09		
04 01 08	Waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium	High	Presence of fine particulates
20 01 41	Wastes from chimney sweeping	High	Presence of fine, medium and

EWC code	Description	Risk	Justification
			coarse particulates
03 01 05	Sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04	High	Presence of fine, medium and coarse particulates
03 03 10	Fibre rejects, fibre and coating sludges from mechanical separation		
17 05 04	Soil and stones other than those mentioned in 17 05 03	Medium	Tipping of such wastes may release finer particles from the matrix
19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01		
20 02 02	Soil and stones		
01 01 01	Wastes from mineral metalliferous excavation	Medium	Tipping of such wastes may release finer particles from the matrix
01 01 02	Wastes from mineral non-metalliferous excavations		
01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07		
01 04 09	Waste sand and clays		
01 04 11	Waste from potash and rock salt processing other than those mentioned in 01 04 07		
01 04 13	Waste from stone cutting and sawing other than those mentioned in 01 04 07		
17 01 01	Concrete		
17 01 02	Bricks		
17 01 03	Tiles and ceramics		
17 01 07	Mixtures of concrete, bricks, tiles and ceramics		
17 09 04	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03		
17 05 06	Dredging spoil other than those mentioned in 17 05 05		
19 12 09	Minerals (eg sand and stone)		

Table 5: Wastes likely to cause litter

EWC code	Description	Risk	Justification
03 03 07	Mechanically separated rejects from pulping of waste paper and cardboard	High	Contains wastes likely to become windblown and cause litter
03 03 08	Waste from sorting of paper and cardboard destined for recycling		
07 02 13	Waste plastic		
09 01 07	Photographic film and paper containing silver or silver compounds		
09 01 08	Photographic film or paper free of silver compounds		
15 01 01	Paper and cardboard packaging		
15 01 02	Plastic packaging		
15 01 03	Wooden packaging		
15 01 04	Metallic packaging		
15 01 05	Composite packaging		
15 01 06	Mixed packaging		
15 01 09	Textile packaging		
19 12 01	Paper and cardboard		
20 01 01	Paper and cardboard		
20 03 01	Mixed municipal waste		
20 03 02	Waste from markets		

4. Summary and Conclusions

This report presents a qualitative assessment of environmental risks associated with the operation of Milton Landfill as it reaches the final stages of landfilling and completion. The site has well established mitigation measures in place for the minimisation of fugitive emissions from the site. These measures are described for each environmental risk. The resulting risk is generally low.

Where the consequences of a particular emission are significant, such as for leachate and landfill gas, a more detailed, quantitative assessment has been produced. These detailed risk assessments are identified and referenced.

REFERENCES

1. Byrne Looby: 2021: Landfill Gas Risk Assessment, Milton Landfill Site, report reference 5375-R001.
2. FCC: May 2021: Emergency Management Plan. Document reference IMS-FRM-068. Version 10
3. McDonnell Cole Ltd: 2021: Hydrogeological Risk Assessment, Milton Landfill, reference 1714-HRA-R2.1;
4. McDonnell Cole Ltd: 2021: Habitats Assessment, Milton Landfill, reference 1714-HA.
5. Sirius Environmental: 2020: Specification for Construction of Surface Water Management Scheme at Milton Landfill. Reference WR7544/01
6. Sirius: 2021: Stability Risk Assessment for Proposed Leachate Level Increase at Milton Landfill Site, Report reference WR7788/SRA Rev 2.



**36 Dunster Road
West Bridgford
Nottingham
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APPENDIX 1

Groundsure Report



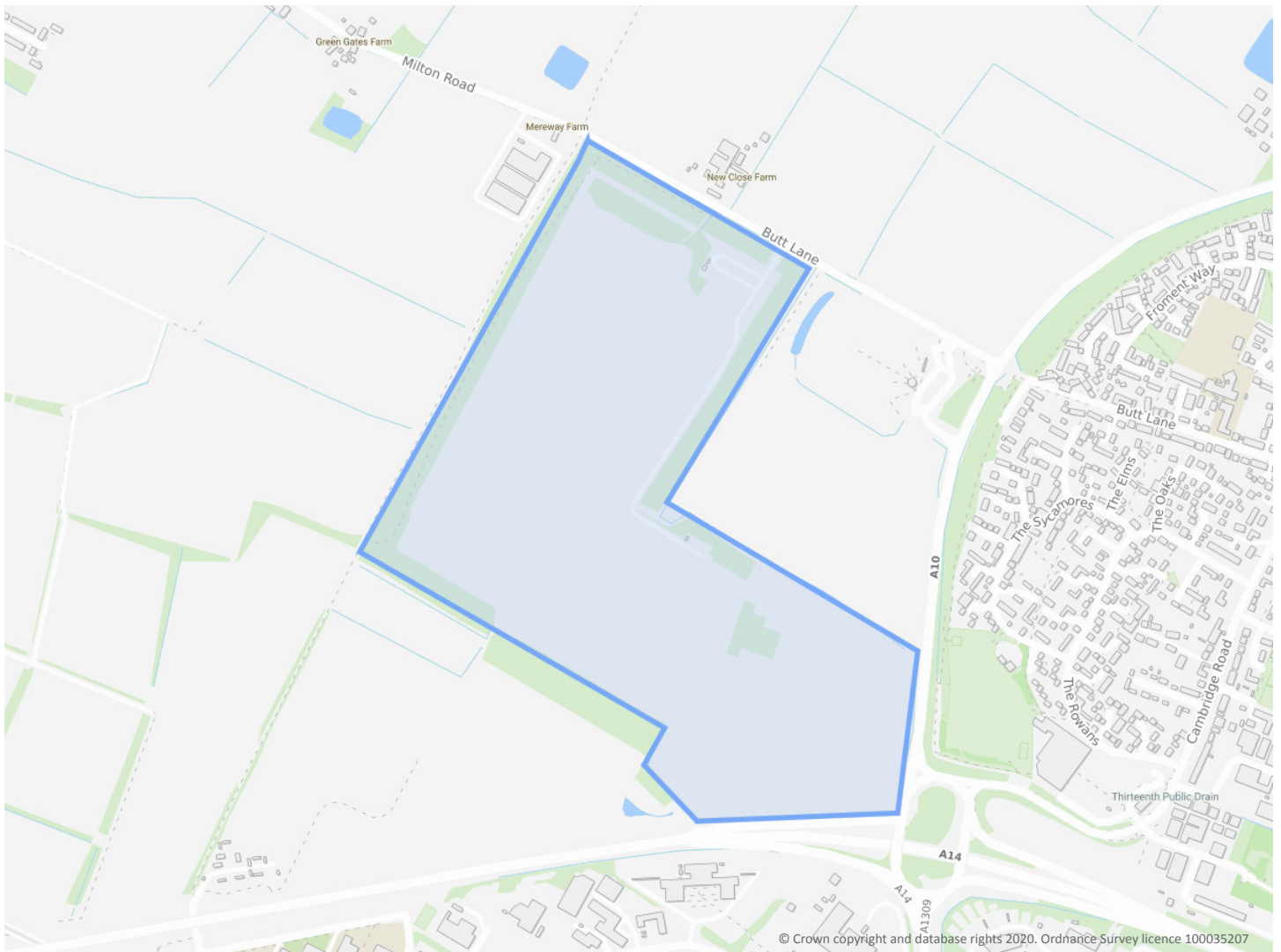
F C C ENVIRONMENTAL, MILTON LANDFILL SITE, BUTT LANE, MILTON, CB24 6DQ

Order Details

Date: 21/12/2020
Your ref: 1714
Our Ref: GS-7383761
Client: McDonnell Cole

Site Details

Location: 546252 262760
Area: 59.44 ha
Authority: [South Cambridgeshire District Council](#)



Summary of findings

p. 2

Aerial image

p. 6

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
11	1.1	<u>Historical industrial land uses</u>	1	3	4	17	-
13	1.2	<u>Historical tanks</u>	0	0	0	4	-
13	1.3	<u>Historical energy features</u>	0	0	1	2	-
14	1.4	Historical petrol stations	0	0	0	0	-
14	1.5	Historical garages	0	0	0	0	-
14	1.6	<u>Historical military land</u>	1	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
15	2.1	<u>Historical industrial land uses</u>	1	7	6	22	-
17	2.2	<u>Historical tanks</u>	0	0	0	6	-
17	2.3	<u>Historical energy features</u>	0	0	1	5	-
18	2.4	Historical petrol stations	0	0	0	0	-
18	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
19	3.1	<u>Active or recent landfill</u>	1	0	0	0	-
20	3.2	Historical landfill (BGS records)	0	0	0	0	-
20	3.3	<u>Historical landfill (LA/mapping records)</u>	3	0	0	0	-
20	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
20	3.5	<u>Historical waste sites</u>	2	0	1	0	-
21	3.6	<u>Licensed waste sites</u>	13	0	0	3	-
26	3.7	<u>Waste exemptions</u>	0	26	5	3	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
30	4.1	<u>Recent industrial land uses</u>	5	0	13	-	-
32	4.2	<u>Current or recent petrol stations</u>	0	0	0	1	-
32	4.3	Electricity cables	0	0	0	0	-
32	4.4	Gas pipelines	0	0	0	0	-
32	4.5	Sites determined as Contaminated Land	0	0	0	0	-

33	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
33	4.7	Regulated explosive sites	0	0	0	0	-
33	4.8	Hazardous substance storage/usage	0	0	0	0	-
33	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
33	4.10	<u>Licensed industrial activities (Part A(1))</u>	10	0	0	0	-
35	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	0	5	-
36	4.12	<u>Radioactive Substance Authorisations</u>	1	0	12	37	-
43	4.13	<u>Licensed Discharges to controlled waters</u>	2	1	0	1	-
43	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
44	4.15	<u>Pollutant release to public sewer</u>	0	0	0	2	-
44	4.16	List 1 Dangerous Substances	0	0	0	0	-
44	4.17	<u>List 2 Dangerous Substances</u>	2	0	0	9	-
45	4.18	<u>Pollution Incidents (EA/NRW)</u>	4	1	0	2	-
46	4.19	<u>Pollution inventory substances</u>	7	0	0	0	-
49	4.20	Pollution inventory waste transfers	0	0	0	0	-
49	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Geology (basic)					
50	5.1	<u>Superficial geology (625k)</u>	Identified (within 500m)				
50	5.2	<u>Bedrock geology (625k)</u>	Identified (within 500m)				
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
51	6.1	<u>Superficial aquifer</u>	Identified (within 500m)				
53	6.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
54	6.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
56	6.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
56	6.5	Groundwater vulnerability- local information	None (within 0m)				
57	6.6	<u>Groundwater abstractions</u>	0	0	2	4	14
62	6.7	<u>Surface water abstractions</u>	0	0	0	0	1
62	6.8	Potable abstractions	0	0	0	0	0
62	6.9	Source Protection Zones	0	0	0	0	-

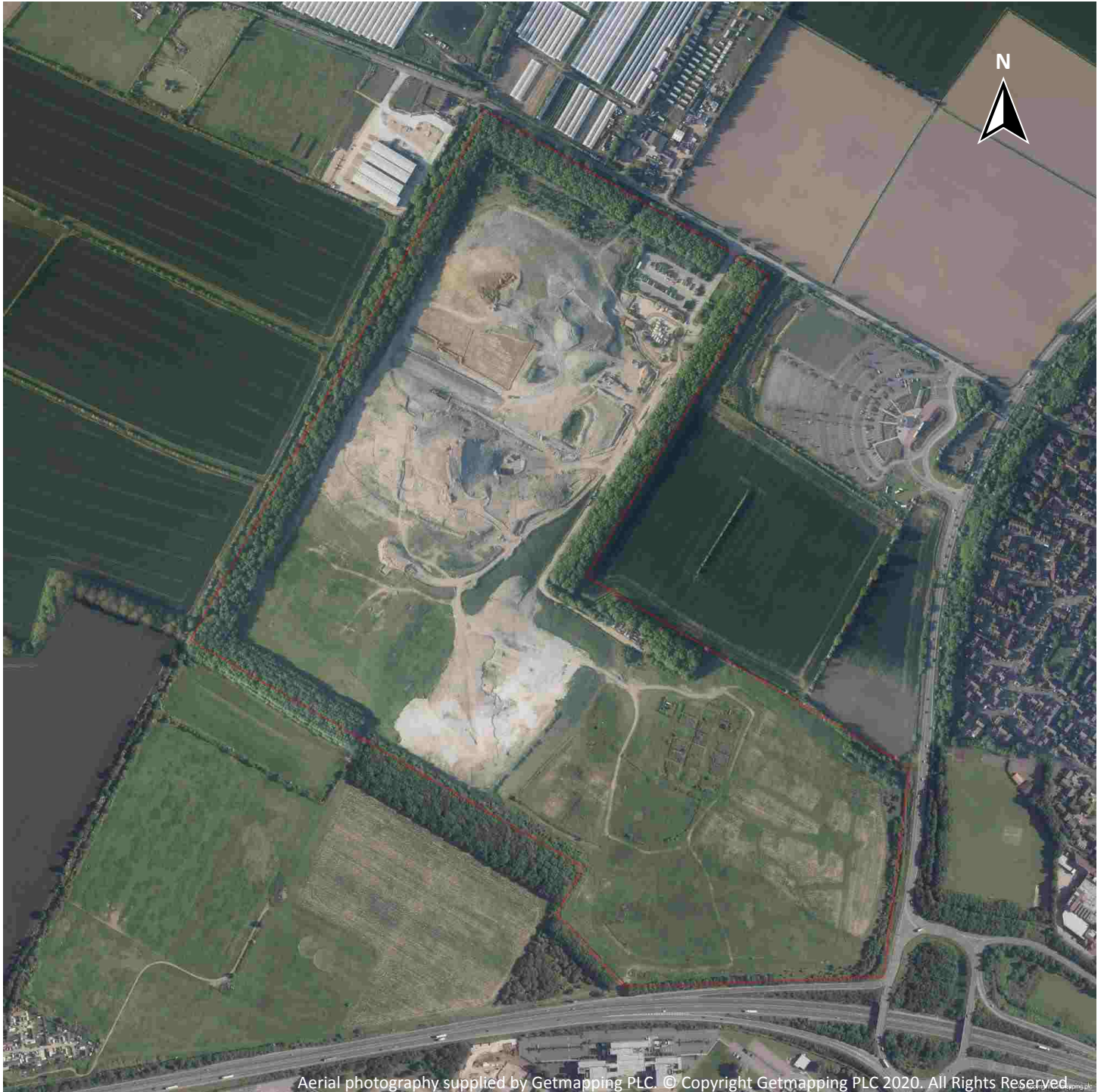


62	6.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
64	7.1	<u>Water Network (OS MasterMap)</u>	7	24	13	-	-
68	7.2	<u>Surface water features</u>	1	13	9	-	-
68	7.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
69	7.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
69	7.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
70	8.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
70	8.2	Historical Flood Events	0	0	0	-	-
70	8.3	Flood Defences	0	0	0	-	-
70	8.4	Areas Benefiting from Flood Defences	0	0	0	-	-
71	8.5	Flood Storage Areas	0	0	0	-	-
72	8.6	Flood Zone 2	None (within 50m)				
72	8.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
73	9.1	<u>Surface water flooding</u>	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding					
75	10.1	<u>Groundwater flooding</u>	Low (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
76	11.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
77	11.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
77	11.3	Special Areas of Conservation (SAC)	0	0	0	0	0
77	11.4	Special Protection Areas (SPA)	0	0	0	0	0
77	11.5	National Nature Reserves (NNR)	0	0	0	0	0
78	11.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	3
78	11.7	Designated Ancient Woodland	0	0	0	0	0
78	11.8	Biosphere Reserves	0	0	0	0	0
79	11.9	Forest Parks	0	0	0	0	0

79	11.10	Marine Conservation Zones	0	0	0	0	0
79	11.11	<u>Green Belt</u>	1	0	0	1	2
79	11.12	Proposed Ramsar sites	0	0	0	0	0
80	11.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
80	11.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
80	11.15	Nitrate Sensitive Areas	0	0	0	0	0
80	11.16	<u>Nitrate Vulnerable Zones</u>	1	0	0	0	2
82	11.17	<u>SSSI Impact Risk Zones</u>	6	-	-	-	-
84	11.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
85	12.1	World Heritage Sites	0	0	0	-	-
85	12.2	Area of Outstanding Natural Beauty	0	0	0	-	-
85	12.3	National Parks	0	0	0	-	-
85	12.4	Listed Buildings	0	0	0	-	-
86	12.5	Conservation Areas	0	0	0	-	-
86	12.6	Scheduled Ancient Monuments	0	0	0	-	-
86	12.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
87	13.1	<u>Agricultural Land Classification</u>	Grade 2 (within 250m)				
89	13.2	Open Access Land	0	0	0	-	-
89	13.3	<u>Tree Felling Licences</u>	0	1	0	-	-
89	13.4	<u>Environmental Stewardship Schemes</u>	0	1	0	-	-
89	13.5	<u>Countryside Stewardship Schemes</u>	0	1	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
91	14.1	<u>Priority Habitat Inventory</u>	8	5	5	-	-
92	14.2	Habitat Networks	0	0	0	-	-
92	14.3	Open Mosaic Habitat	0	0	0	-	-
93	14.4	Limestone Pavement Orders	0	0	0	-	-



Recent aerial photograph



Capture Date: 04/06/2017

Site Area: 59.44ha



Recent site history - 2016 aerial photograph



Capture Date: 08/05/2016

Site Area: 59.44ha



Recent site history - 2013 aerial photograph



Capture Date: 19/07/2013

Site Area: 59.44ha



Recent site history - 2000 aerial photograph



Capture Date: 08/06/2000

Site Area: 59.44ha



Recent site history - 1999 aerial photograph



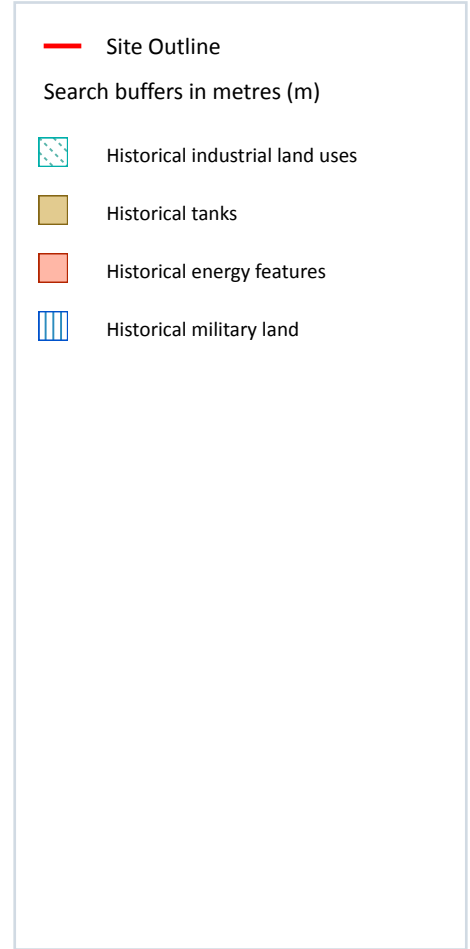
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2020. All Rights Reserved

Capture Date: 04/06/1999

Site Area: 59.44ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m **25**

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 11**

ID	Location	Land use	Dates present	Group ID
1	On site	Refuse Heap	1991	2063239

ID	Location	Land use	Dates present	Group ID
3	12m E	Cuttings	1980 - 1991	2064115
4	18m S	Cuttings	1980 - 1991	2080846
5	46m NE	Unspecified Tank	1974 - 1991	2086982
A	51m SW	Railway Sidings	1957	2062226
6	134m E	Cuttings	1980 - 1991	2087912
7	136m SE	Cuttings	1980 - 1991	2065599
8	150m SW	Unspecified Tank	1974	2044401
A	268m SW	Unspecified Commercial/Industrial	1957	2058326
12	335m SE	Nursery	1901	2052731
13	365m S	Unspecified Heap	1991	2054186
14	373m S	Unspecified Heap	1991	2054184
B	388m E	Nurseries	1957	2111494
15	395m E	Nurseries	1974 - 1980	2068141
C	411m NE	Nurseries	1957	2122903
C	414m NE	Nursery	1901 - 1927	2116453
B	426m E	Nurseries	1901 - 1927	2122904
D	449m SE	Unspecified Works	1957	2073122
D	451m SE	Sewage Works	1974	2093506
E	457m E	Unspecified Commercial/Industrial	1991	2058327
E	457m E	Unspecified Works	1974 - 1980	2070051
17	464m NW	Piggeries	1927	2057476
F	464m SW	Unspecified Tank	1974	2044402
18	473m E	Industrial Estate	1991	2051279
19	497m SE	Sewage Works	1980 - 1991	2065863

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

4

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 11**

ID	Location	Land use	Dates present	Group ID
11	309m S	Tanks	1989	349602
F	463m SW	Unspecified Tank	1970	344734
G	475m SE	Settling Tanks	1927	358603
G	498m SE	Settling Tanks	1970 - 1971	354523

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

3

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 11**

ID	Location	Land use	Dates present	Group ID
9	242m E	Electricity Substation	1990	226054
10	262m S	Electricity Substation	1987 - 1989	236735
16	435m SE	Electricity Substation	1989 - 1996	236270

This data is sourced from Ordnance Survey / Groundsure.



1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

1

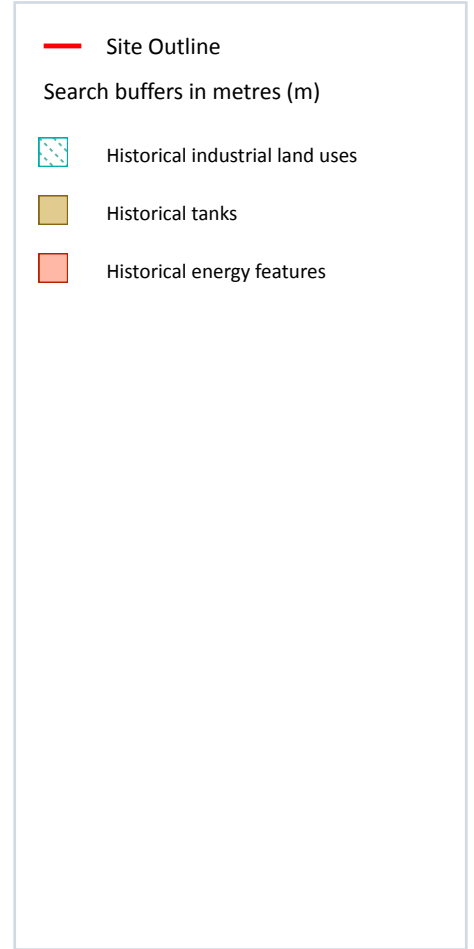
Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

Features are displayed on the Past land use map on **page 11**

ID	Location	Site Name	Date of Operation	Activities
2	On site	Cambridge Science Park CAMBRIDGE, CB4 0WN	WW2	Requisitioned by the US Army and was used to prepare vehicles and tanks for the D-Day landings in Europe

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m

36

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 15**

ID	Location	Land Use	Date	Group ID
1	On site	Refuse Heap	1991	2063239
A	12m E	Cuttings	1991	2064115
A	12m E	Cuttings	1980	2064115

ID	Location	Land Use	Date	Group ID
B	18m S	Cuttings	1991	2080846
B	18m S	Cuttings	1980	2080846
C	46m NE	Unspecified Tank	1991	2086982
C	46m NE	Unspecified Tank	1980	2086982
C	46m NE	Unspecified Tank	1974	2086982
D	51m SW	Railway Sidings	1957	2062226
E	134m E	Cuttings	1991	2087912
E	134m E	Cuttings	1980	2087912
F	136m SE	Cuttings	1991	2065599
F	136m SE	Cuttings	1980	2065599
2	150m SW	Unspecified Tank	1974	2044401
D	268m SW	Unspecified Commercial/Industrial	1957	2058326
4	335m SE	Nursery	1901	2052731
5	365m S	Unspecified Heap	1991	2054186
6	373m S	Unspecified Heap	1991	2054184
I	388m E	Nurseries	1957	2111494
J	395m E	Nurseries	1980	2068141
J	395m E	Nurseries	1974	2068141
K	411m NE	Nurseries	1957	2122903
K	414m NE	Nursery	1901	2116453
K	414m NE	Nursery	1927	2116453
I	426m E	Nurseries	1901	2122904
I	426m E	Nurseries	1927	2122904
M	449m SE	Unspecified Works	1957	2073122
M	451m SE	Sewage Works	1974	2093506
N	457m E	Unspecified Commercial/Industrial	1991	2058327
N	457m E	Unspecified Works	1980	2070051
N	457m E	Unspecified Works	1974	2070051



ID	Location	Land Use	Date	Group ID
7	464m NW	Piggeries	1927	2057476
O	464m SW	Unspecified Tank	1974	2044402
8	473m E	Industrial Estate	1991	2051279
Q	497m SE	Sewage Works	1991	2065863
Q	497m SE	Sewage Works	1980	2065863

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	6
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Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 15**

ID	Location	Land Use	Date	Group ID
H	309m S	Tanks	1989	349602
H	309m S	Tanks	1989	349602
O	463m SW	Unspecified Tank	1970	344734
P	475m SE	Settling Tanks	1927	358603
P	498m SE	Settling Tanks	1971	354523
P	499m SE	Settling Tanks	1970	354523

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	6
----------------------------	----------

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 15**



ID	Location	Land Use	Date	Group ID
3	242m E	Electricity Substation	1990	226054
G	262m S	Electricity Substation	1987	236735
G	262m S	Electricity Substation	1989	236735
G	262m S	Electricity Substation	1989	236735
L	435m SE	Electricity Substation	1989	236270
L	435m SE	Electricity Substation	1996	236270

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

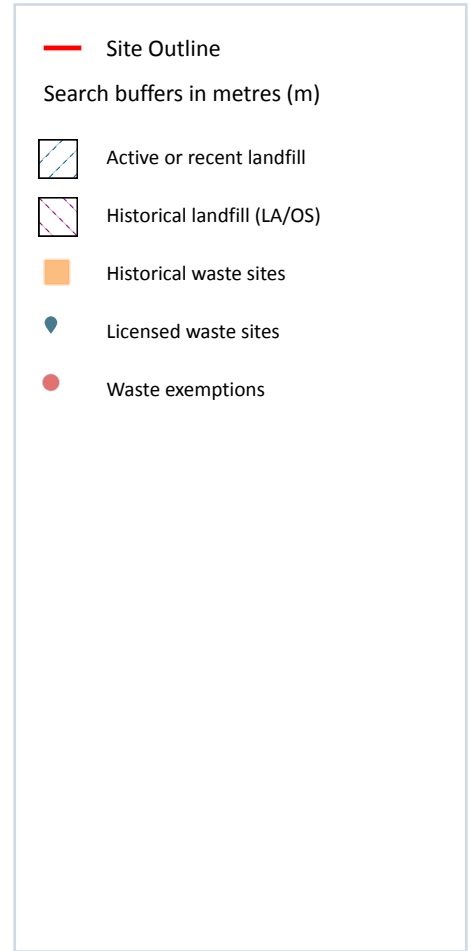
0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

1

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 19**

ID	Location	Details	
1	On site	Operator: East Waste Limited Site Address: Milton Landfill, Butt Lane, Milton, Cambridge, Cambridgeshire, CB24 6DQ	WML Number: 0 EPR Reference: - Landfill type: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Status: Effective IPPC Reference: - EPR Number: -



This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m **0**

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m **3**

Landfill sites identified from Local Authority records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 19**

ID	Location	Site address	Source	Data type
4	On site	Refuse Tip	1994 mapping	Polygon
B	On site	Disused Refuse Tip	1994 mapping	Polygon
B	On site	Refuse Tip	1990 mapping	Polygon

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m **0**

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m **3**

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 19**

ID	Location	Address	Further Details	Date
C	On site	Site Address: N/A	Type of Site: Recycling Centre Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1994
C	On site	Site Address: Milton Landfill Site, Milton, CAMBRIDGE, Cambridgeshire, OX15 5PB	Type of Site: Thermal Conversion Waste Plant Planning application reference: 96/1073 Description: Prototype thermal conversion technology plant for waste treatment and energy recovery. Including 2.4 metre fencing. Prototype thermal conversion technology plant for waste treatment and energy recovery. Including 2.4 metres fencing. We are advised that the pilot plant was developed by Waste Gas Technology and investigatory and negotiating stage. A grant application to the European Union has been made. Construction comprises a steel framed building, the plant will be housed in large steel containers above ground. Detailed plans were approved 7th August, 1996. NEW INFORMATION: We are now advised that the manufacture of the reactor vessel will be sub-contracted. Detailed plans were approved 7th August, 1996. We have been unable to confirm further information. (01/12/2000) Data source: Historic Planning Application Data Type: Point	-
5	242m E	Site Address: Tesco Stores Ltd, Cambridge Road, Milton, Cambridge, Cambridgeshire, CB24 6AY	Type of Site: Recycling Centre Planning application reference: S/2293/11 Description: Scheme comprises relocation of recycling centre and alterations to a pedestrian walkway. Data source: Historic Planning Application Data Type: Point	08/03/2013

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m

16

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 19**



ID	Location	Details		
2	On site	Site Name: Cambridgeshire C C - Milton H W R C Site Address: Milton H W R C, Butt Lane, Milton, Cambridge, Cambs, NG24 3MF Correspondence Address: Waste Management, Castle Court, Shire Hall, Cambridge, Cambs, CB3 0AP	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM009 EPR reference: - Operator: Cambridgeshire County Council Waste Management licence No: 70109 Annual Tonnage: 0	Issue Date: 02/04/1993 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
3	On site	Site Name: East Waste - Milton Landfill Site Address: Milton Landfill, Butt Lane, Milton, Cambridge, Cambs, CB4 6DG Correspondence Address: Manor Farm, Bridgham, Norfolk, NR16 2RX	Type of Site: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAS002 EPR reference: - Operator: East Waste Ltd Waste Management licence No: 70140 Annual Tonnage: 0	Issue Date: 19/08/1992 Effective Date: - Modified:: 01/09/1999 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	On site	Site Name: East Waste - Milton Landfill Site Address: Milton Landfill, Butt Lane, Milton, Cambridge, Cambs, CB4 6DQ Correspondence Address: Ground Floor West, 900, Pavilion Drive, Northampton Bus. Park, Northampton, NN4 7RG	Type of Site: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAS002 EPR reference: - Operator: East Waste Limited Waste Management licence No: 70140 Annual Tonnage: 5000	Issue Date: 19/08/1992 Effective Date: - Modified:: 02/08/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC
A	On site	Site Name: East Waste - Milton Landfill Site Address: Milton Landfill, Butt Lane, Milton, Cambridge, Cambs, CB4 6DG Correspondence Address: Manor Farm, Bridgham, Norfolk, NR16 2RX	Type of Site: Other Landfill Site taking Special Waste Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAS002 EPR reference: - Operator: East Waste Ltd Waste Management licence No: 70140 Annual Tonnage: 0	Issue Date: 19/08/1992 Effective Date: - Modified:: 02/08/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
A	On site	Site Name: East Waste - Milton Landfill Site Address: Milton Landfill, Butt Lane, Milton, Cambridge, Cambs, CB4 6DG Correspondence Address: Ground Floor West, 900, Pavilion Drive, Northampton Bus. Park, Northampton, NN4 7RG	Type of Site: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAS002 EPR reference: - Operator: East Waste Ltd Waste Management licence No: 70140 Annual Tonnage: 5000	Issue Date: 19/08/1992 Effective Date: - Modified:: 02/08/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC
A	On site	Site Name: East Waste - Milton Landfill Site Address: Milton Landfill, Butt Lane, Milton, Cambridge, Cambs, CB4 6DG Correspondence Address: Ground Floor West, 900, Pavilion Drive, Northampton Bus. Park, Northampton, NN4 7RG	Type of Site: Other Landfill Site taking Special Waste Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAS002 EPR reference: - Operator: East Waste Ltd Waste Management licence No: 70140 Annual Tonnage: 5000	Issue Date: 19/08/1992 Effective Date: - Modified:: 02/08/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: IPPC
A	On site	Site Name: Milton Landfill Site Address: Milton, Cambridgeshire, CB4 6DG Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste Landfill Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WRG001 EPR reference: EA/EPR/KP3396NG/A001 Operator: W R G Ltd Waste Management licence No: 75173 Annual Tonnage: 149999	Issue Date: 28/04/2005 Effective Date: 29/04/2005 Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC
A	On site	Site Name: Milton Landfill Site Address: Milton Landfill, Butt Lane, Milton, Cambridge, Cambridgeshire, CB4 6DQ Correspondence Address: -	Type of Site: Other Landfill Site taking Special Waste Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAS002 EPR reference: EA/EPR/ZP3690NV/V002 Operator: East Waste Limited Waste Management licence No: 70140 Annual Tonnage: 25000	Issue Date: 19/08/1992 Effective Date: - Modified:: 02/08/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC

ID	Location	Details		
D	On site	Site Name: Milton H W R C Site Address: Recycling Centre, Butt Lane, Milton, Cambridge, Cambridgeshire, CB4 6DQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM070 EPR reference: EP3897SA/T001 Operator: Mr Christopher Wilson & Mr Joe Gregory Waste Management licence No: 70109 Annual Tonnage: 24999	Issue Date: 02/04/1993 Effective Date: 08/12/2009 Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
D	On site	Site Name: Milton H W R C Site Address: Milton H W R C, Butt Lane, Milton, Cambridge, Cambridgeshire, CB4 6DQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM096 EPR reference: EA/EPR/AB3106TH/T001 Operator: Cambridgeshire Recycling Limited Waste Management licence No: 70109 Annual Tonnage: 24999	Issue Date: 02/04/1993 Effective Date: 13/09/2013 Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
D	On site	Site Name: Milton H W R C Site Address: Recycling Centre, Butt Lane, Milton, Cambridge, Cambridgeshire, CB4 6DQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM070 EPR reference: EA/EPR/EP3897SA/T001 Operator: Mr Joseph Gregory Waste Management licence No: 70109 Annual Tonnage: 24999	Issue Date: 02/04/1993 Effective Date: 08/12/2009 Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred

ID	Location	Details		
D	On site	Site Name: Milton H W R C Site Address: Milton H W R C, Butt Lane, Milton, Cambridge, Cambridgeshire, CB4 6DQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CAM096 EPR reference: EA/EPR/AB3106TH/V002 Operator: Cambridgeshire Recycling Ltd Waste Management licence No: 70109 Annual Tonnage: 24999	Issue Date: 02/04/1993 Effective Date: 13/09/2013 Modified:: 30/04/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
D	On site	Site Name: Milton H R C Site Address: Milton H W R C, Butt Lane, Milton, Cambridge, Cambridgeshire, CB4 6DQ Correspondence Address: -	Type of Site: Household Waste Amenity Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AME045 EPR reference: EA/EPR/BB3700LL/V003 Operator: Amey Cespa (East) Ltd Waste Management licence No: 70109 Annual Tonnage: 24999	Issue Date: 02/04/1993 Effective Date: 15/07/2014 Modified:: 02/09/2019 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
7	410m SE	Site Name: Cambridge Transfer Station Site Address: Land/ Premises At, Cowley Road, Cambridge, Cambridgeshire, CB4 0WZ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MIC018 EPR reference: EA/EPR/AP3495EC/V002 Operator: Mick George Ltd Waste Management licence No: 100141 Annual Tonnage: 199999	Issue Date: 13/12/2007 Effective Date: - Modified:: 06/02/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
I	491m E	Site Name: Rentokil Cambridge Rd Site Address: Rentokil, Cambridge Rd, Milton, Cambridgeshire, CB4 6AZ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RE001 EPR reference: EA/EPR/TP3696NJ/S002 Operator: Rentokil Initial Services Ltd Waste Management licence No: 75196 Annual Tonnage: 0	Issue Date: 04/10/2006 Effective Date: - Modified:: - Surrendered Date: 16/04/2010 Expiry Date: - Cancelled Date: - Status: Surrendered
I	491m E	Site Name: Rentokil Cambridge Rd Site Address: Rentokil, Cambridge Rd, Milton, Cambridgeshire, CB4 6AZ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REN001 EPR reference: EA/EPR/TP3696NJ/S002 Operator: Rentokil Initial Services Ltd Waste Management licence No: 75196 Annual Tonnage: 0	Issue Date: 04/10/2006 Effective Date: - Modified:: - Surrendered Date: Apr 16 2010 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m

34

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 19**

ID	Location	Site	Reference	Category	Sub-Category	Description
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Disposing of waste exemption	On a farm	Burning waste in the open



ID	Location	Site	Reference	Category	Sub-Category	Description
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Treating waste exemption	On a farm	Treatment of waste in a biobed or biofilter
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Treating waste exemption	On a farm	Screening and blending of waste
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Using waste exemption	On a farm	Incorporation of ash into soil
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Using waste exemption	On a farm	Use of mulch
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX220761	Using waste exemption	On a farm	Use of waste in construction
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX252996	Using waste exemption	On a farm	Use of waste in construction
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX252996	Storing waste exemption	On a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Disposing of waste exemption	On a farm	Burning waste in the open
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Treating waste exemption	On a farm	Treatment of waste in a biobed or biofilter
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Treating waste exemption	On a farm	Screening and blending of waste
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Using waste exemption	On a farm	Use of waste in construction
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Using waste exemption	On a farm	Use of mulch
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
E	31m NE	SUNCLOSE FARM, BUTT LANE, MILTON, CAMBRIDGE, CB24 6DQ	WEX075745	Using waste exemption	On a farm	Incorporation of ash into soil

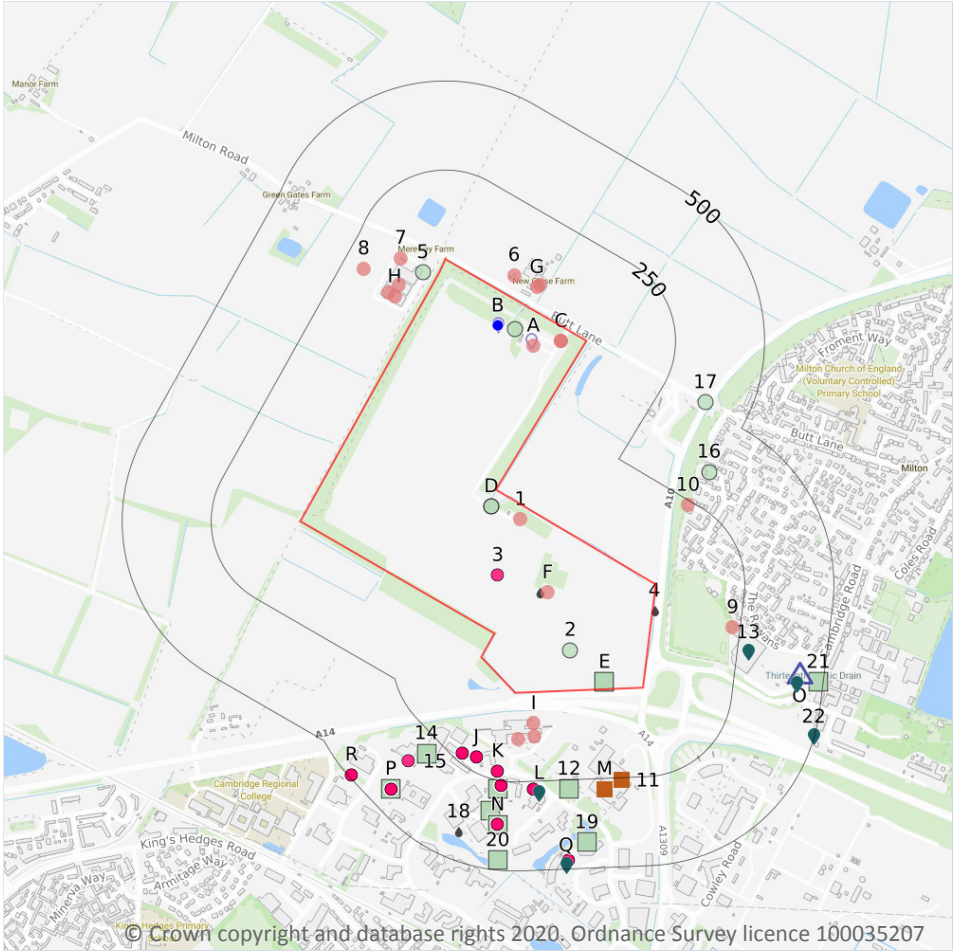


ID	Location	Site	Reference	Category	Sub-Category	Description
F	77m NW	18-21 EVOLUTION BUSINESS PARK, MILTON ROAD, IMPINGTON, CAMBRIDGE, CB24 9NG	WEX213992	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	77m NW	18-21 EVOLUTION BUSINESS PARK, MILTON ROAD, IMPINGTON, CAMBRIDGE, CB24 9NG	WEX213992	Storing waste exemption	Not on a farm	Storage of waste in secure containers
G	90m S	191, SCIENCE PARK, MILTON ROAD, CAMBRIDGE, CB4 0GW	WEX026030	Storing waste exemption	Not on a farm	Storage of waste in secure containers
G	90m S	191, SCIENCE PARK, MILTON ROAD, CAMBRIDGE, CB4 0GW	WEX026003	Storing waste exemption	Not on a farm	Storage of waste in a secure place
6	243m SW	TEMPSFORD HALL, SANDY, SG19 2BD	WEX094200	Using waste exemption	Not on a farm	Use of waste in construction
H	287m S	191 , Cambridge Science Park, Cambridge, CB4 0GW	WEX182961	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	287m S	191 , Cambridge Science Park, Cambridge, CB4 0GW	WEX182961	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
H	287m S	191 , Cambridge Science Park, Cambridge, CB4 0GW	WEX182961	Storing waste exemption	Not on a farm	Storage of waste in secure containers

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- ▲ Current or recent petrol stations
- ⬇ Part A(1) industrial activities
- ◆ Licensed pollutant release (Part A(2)/B)
- Radioactive Substance Authorisations
- ◆ Licensed Discharges to controlled waters
- Pollutant release to public sewer
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)
- Pollution inventory substances

4.1 Recent industrial land uses

Records within 250m **18**

Current potentially contaminative industrial sites.
 Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Company	Address	Activity	Category
1	On site	Chimney	Cambridgeshire, CB4	Chimneys	Industrial Features
A	On site	Recycling Centre	Cambridgeshire, CB24	Recycling Centres	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
C	On site	Milton Recycling Centre	Recycling Centre, Butt Lane, Milton, Cambridge, Cambridgeshire, CB24 6DQ	Recycling, Reclamation and Disposal	Recycling Services
C	On site	FCC Environment	Recycling Centre, Butt Lane, Milton, Cambridge, Cambridgeshire, CB24 6DQ	Recycling, Reclamation and Disposal	Recycling Services
F	On site	Refuse Tip (Disused)	Cambridgeshire, CB4	Refuse Disposal Facilities	Infrastructure and Facilities
6	58m NE	Sunclose Farm	Butt Lane, Milton, Cambridge, Cambridgeshire, CB24 6DQ	Fruit, Flower and Vegetable Growers	Farming
G	61m NE	Atlas Insulation Products Ltd	Unit 3 New Close Farm, Butt Lane, Milton, Cambridge, Cambridgeshire, CB24 6DQ	General Construction Supplies	Industrial Products
G	71m NE	D & H Engineering Services Ltd	Butt Lane, Milton, Cambridge, Cambridgeshire, CB24 6DQ	Industrial Engineers	Engineering Services
H	77m NW	Aveillant Ltd	18-21 Evolution Business Park, Milton Road, Impington, Cambridge, Cambridgeshire, CB24 9NG	Radar and Telecommunications Equipment	Industrial Products
H	82m NW	Bollore	Evolution Business Park, Milton Road, Impington, Cambridge, Cambridgeshire, CB24 9NG	Distribution and Haulage	Transport, Storage and Delivery
I	88m S	Electricity Sub Station	Cambridgeshire, CB4	Electrical Features	Infrastructure and Facilities
H	98m NW	Intelligent Fingerprinting	14-17 Evolution Business Park, Milton Road, Impington, Cambridge, Cambridgeshire, CB24 9NG	Measurement and Inspection Equipment	Industrial Products
7	114m NW	Electricity Sub Station	Cambridgeshire, CB24	Electrical Features	Infrastructure and Facilities
I	123m S	Napp Pharmaceuticals	194 Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0AB	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
I	129m S	Napp Pharmaceuticals Ltd	194-198, Cambridge Science Park, Milton, Cambridgeshire, CB4 0GW	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
8	191m NW	Evolution Business Park	Cambridgeshire, CB24	Business Parks and Industrial Estates	Industrial Features
9	229m E	Electricity Sub Station	Cambridgeshire, CB24	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
10	238m NE	Electricity Sub Station	Cambridgeshire, CB24	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	1
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Company	Address	LPG	Status
O	431m E	TESCO	Cambridge Road, Milton, Cambridge Road Industrial Estate, Cambridge, Cambridgeshire, CB24 6AY	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.



4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

10

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 30**



ID	Location	Details	
A	On site	Operator: WASTE RECYCLING GROUP LTD Installation Name: - Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: BV4584 Original Permit Number: BV4584	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
B	On site	Operator: EAST WASTE LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: BP3331XV Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 30/05/2008 Effective Date: 30/05/2008 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	On site	Operator: EAST WASTE LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: BP3639ZV Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 01/11/2012 Effective Date: 01/11/2012 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	On site	Operator: EAST WASTE LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: TP3739ZC Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 29/01/2013 Effective Date: 29/01/2013 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	On site	Operator: EAST WASTE LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: WP3237LF Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 24/10/2007 Effective Date: 24/10/2007 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	On site	Operator: EAST WASTE LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: XP3635NA Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 14/05/2013 Effective Date: 14/05/2013 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	On site	Operator: EAST WASTE LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: BP3737CE Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 08/08/2012 Effective Date: 08/08/2012 Last date noted as effective: 26/10/2020 Status: SUPERCEDED



ID	Location	Details	
B	On site	Operator: EAST WASTE LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: GP3336RB Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 18/04/2016 Effective Date: 18/04/2016 Last date noted as effective: 26/10/2020 Status: EFFECTIVE
B	On site	Operator: EAST WASTE LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: YP3030RB Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 23/10/2015 Effective Date: 23/10/2015 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	On site	Operator: WASTE RECYCLING GROUP LIMITED Installation Name: MILTON LANDFILL EPR/BV4584IU Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: BV4584IU Original Permit Number: BV4584IU	EPR Reference: - Issue Date: 28/04/2005 Effective Date: 28/04/2005 Last date noted as effective: 26/10/2020 Status: SUPERCEDED

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m

5

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Address	Details	
13	280m E	Johnson Cleaners UK Ltd, Tesco Unit 1, Cambridge Road, Milton, Cambridgeshire, CB24 6AY	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
L	284m S	Ssl International, Cambridge Manufacturing Unit, 205 Science Park, Milton Road, Cambridge, CB4 0GZ	Process: Rubber Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified



ID	Location	Address	Details	
O	427m E	Tesco Stores Ltd, Cambridge Road Industrial Estate, Milton, Cambridge, CB24 6AY	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
Q	490m S	Heraeus Noblelight, Camb Science Pk, Milton Rd, CB4 4GQ	Process: Lead Glass Manufacturing Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
22	498m E	Bardon Concrete/Aggregate Industries Ltd, Cambridge Road Industrial Estate, Milton, Cambridgeshire, CB24 6A2	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

50

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Address	Details	
3	On site	Cambridgeshire County Council, Milton Landfill Site A10, Cambridge	Operator: Cambridgeshire County Council Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC2063 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Revoked/cancelled
J	210m SW	Chiroscience R And D Ltd, 252-254 Cambridge Science Park, Milton Road, Cambridge, CB4 0WE	Operator: Chiroscience R And D Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BG1756 Date of approval: 09/07/1999	Effective from: 04/08/1999 Last date of update: 01/01/2015 Status: Revoked/cancelled



ID	Location	Address	Details	
J	210m SW	Astex Therapeutics Ltd, 252-254 Cambridge Science Park, Milton Road, Cambridge, CB4 0WE	Operator: Astex Therapeutics Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BJ7999 Date of approval: 09/01/2001	Effective from: 09/01/2001 Last date of update: 01/01/2015 Status: Superseded By Variation
J	210m SW	Astex Therapeutics Ltd, 252-254 Cambridge Science Park, Milton Road, Cambridge, CB4 0WE	Operator: Astex Therapeutics Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BJ7999 Date of approval: 09/04/2002	Effective from: 09/04/2002 Last date of update: 01/01/2015 Status: Revoked/cancelled
J	210m SW	Astex Therapeutics Ltd, 252-254 Cambridge Science Park, Milton Road, Cambridge, CB4 0WE	Operator: Astex Therapeutics Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BJ8006 Date of approval: 09/01/2001	Effective from: 15/01/2001 Last date of update: 01/01/2015 Status: Superseded By Variation
J	210m SW	Astex Therapeutics Ltd, 252-254 Cambridge Science Park, Milton Road, Cambridge, CB4 0WE	Operator: Astex Therapeutics Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BJ8006 Date of approval: 09/04/2002	Effective from: 06/05/2002 Last date of update: 01/01/2015 Status: Revoked/cancelled
K	225m S	Perkin Elmer Life Sciences Ltd, 204 Cambridge Science Park, Milton Road, Cambridge, CB4 0GZ	Operator: Perkin Elmer Life Sciences Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BI0700 Date of approval: 04/04/2000	Effective from: 04/04/2000 Last date of update: 01/01/2015 Status: Revoked/cancelled
K	225m S	Perkin Elmer Life Sciences Ltd, 204 Cambridge Science Park, Milton Road, Cambridge, CB4 0GZ	Operator: Perkin Elmer Life Sciences Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BI0726 Date of approval: 04/04/2000	Effective from: 01/05/2000 Last date of update: 01/01/2015 Status: Revoked/cancelled
J	226m SW	Biogemma Uk Ltd, 200 Cambridge Science Park, Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 4GZ	Operator: Biogemma Uk Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AD3251 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Revoked/cancelled
J	226m SW	Chirotech Technology Ltd, Unit 252/254 Cambridge Science Park, Milton Road, Cambridge, CB4 4WE	Operator: Chirotech Technology Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AI6045 Date of approval: 27/05/1993	Effective from: 19/07/1993 Last date of update: 01/01/2015 Status: Superseded By Variation



ID	Location	Address	Details	
J	226m SW	Chirotech Technology Ltd, Unit 252/254 Cambridge Science Park, Milton Road, Cambridge, CB4 4WE	Operator: Chirotech Technology Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AI6045 Date of approval: 27/07/1993	Effective from: 13/09/1993 Last date of update: 01/01/2015 Status: Superseded By Variation
J	226m SW	Chirotech Technology Ltd, Unit 252/254 Cambridge Science Park, Milton Road, Cambridge, CB4 4WE	Operator: Chirotech Technology Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AI6045 Date of approval: 30/06/1994	Effective from: 18/07/1994 Last date of update: 01/01/2015 Status: Superseded By Variation
J	226m SW	Chirotech Technology Ltd, Unit 252/254 Cambridge Science Park, Milton Road, Cambridge, CB4 4WE	Operator: Chirotech Technology Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AI6045 Date of approval: 09/05/1997	Effective from: 19/05/1997 Last date of update: 01/01/2015 Status: Revoked/cancelled
K	262m S	Advanced Technologies (cambridge) Ltd, 210 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Advanced Technologies (cambridge) Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0893 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation
K	262m S	Advanced Technologies (cambridge) Ltd, 210 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Advanced Technologies (cambridge) Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0893 Date of approval: 30/07/1992	Effective from: 07/09/1992 Last date of update: 01/01/2015 Status: Superseded By Variation
K	262m S	Advanced Technologies (cambridge) Ltd, 210 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Advanced Technologies (cambridge) Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0893 Date of approval: 09/10/1995	Effective from: 14/11/1995 Last date of update: 01/01/2015 Status: Superseded By Variation
K	262m S	Advanced Technologies (cambridge) Ltd, 210 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Advanced Technologies (cambridge) Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0893 Date of approval: 25/01/1997	Effective from: 01/03/1997 Last date of update: 01/01/2015 Status: Superseded By Variation
K	262m S	Advanced Technologies (cambridge) Ltd, 210 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Advanced Technologies (cambridge) Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0893 Date of approval: 28/02/2001	Effective from: 28/02/2001 Last date of update: 01/01/2015 Status: Superseded By Variation



ID	Location	Address	Details	
K	262m S	Advanced Technologies (cambridge) Ltd, 210 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Advanced Technologies (cambridge) Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC0893 Date of approval: 03/07/2002	Effective from: 03/07/2002 Last date of update: 01/01/2015 Status: Revoked/cancelled
K	262m S	Advanced Technologies (cambridge) Ltd, 210 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Advanced Technologies (cambridge) Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AT5445 Date of approval: 27/02/2001	Effective from: 27/02/2001 Last date of update: 01/01/2015 Status: Superseded By Variation
K	262m S	Advanced Technologies (cambridge) Ltd, 210 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Advanced Technologies (cambridge) Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AT5445 Date of approval: 03/07/2002	Effective from: 03/07/2002 Last date of update: 01/01/2015 Status: Revoked/cancelled
L	271m S	Scl Bioscience Services Ltd, 211 Cambridge Science Park, Milton Road, Cambridge, CB4 4ZA	Operator: Scl Bioscience Services Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC6441 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation
L	271m S	Scl Bioscience Services Ltd, 211 Cambridge Science Park, Milton Road, Cambridge, CB4 4ZA	Operator: Scl Bioscience Services Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC6441 Date of approval: 14/10/1992	Effective from: 16/11/1992 Last date of update: 01/01/2015 Status: Superseded By Variation
L	271m S	Scl Bioscience Services Ltd, 211 Cambridge Science Park, Milton Road, Cambridge, CB4 4ZA	Operator: Scl Bioscience Services Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC6441 Date of approval: 22/12/1992	Effective from: 28/01/1993 Last date of update: 01/01/2015 Status: Superseded By Variation
L	271m S	Scl Bioscience Services Ltd, 211 Cambridge Science Park, Milton Road, Cambridge, CB4 4ZA	Operator: Scl Bioscience Services Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC6441 Date of approval: 10/02/1997	Effective from: 17/02/1997 Last date of update: 01/01/2015 Status: Revoked/cancelled
L	271m S	Incyte Corporation Ltd, 214 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Incyte Corporation Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AW8564 Date of approval: 28/04/1999	Effective from: 01/06/1999 Last date of update: 01/01/2015 Status: Superseded By Variation



ID	Location	Address	Details	
L	271m S	Incyte Corporation Ltd, 214 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Incyte Corporation Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AW8564 Date of approval: 13/08/1999	Effective from: 08/09/1999 Last date of update: 01/01/2015 Status: Revoked/cancelled
L	271m S	Incyte Corporation Ltd, 214 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Incyte Corporation Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AW8572 Date of approval: 13/08/1999	Effective from: 13/08/1999 Last date of update: 01/01/2015 Status: Revoked/cancelled
L	271m S	Incyte Corporation Ltd, 214 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Incyte Corporation Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AW8564 Date of approval: 02/12/1996	Effective from: 01/01/1997 Last date of update: 01/01/2015 Status: Superseded By Variation
L	271m S	Lcg Clinical Laboratory Unit, 211 Cambridge Science Park, Milton Road, Cambridge, CB4 4ZA	Operator: Lcg Clinical Laboratory Unit Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BA2636 Date of approval: 06/03/1998	Effective from: 06/04/1998 Last date of update: 01/01/2015 Status: Revoked/cancelled
L	271m S	Takeda Cambridge Ltd, 214 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Takeda Cambridge Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BU8231 Date of approval: 18/09/2003	Effective from: 18/09/2003 Last date of update: 01/01/2015 Status: Revoked/cancelled
L	271m S	Takeda Cambridge Ltd, 214 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire, CB4 0WA	Operator: Takeda Cambridge Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BU8258 Date of approval: 18/09/2003	Effective from: 18/09/2003 Last date of update: 01/01/2015 Status: Revoked/cancelled
M	279m S	Napp Research Centre, Units 127 And 137, Cambridge Science Park, Milton Rd, Cambridge, CB4 4GW	Operator: Napp Research Centre Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC8967 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Expired
15	347m SW	430 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA	Operator: Takeda Cambridge Limited Type: - Permission number: VB3895DC Date of approval: -	Effective from: - Last date of update: 01/01/2020 Status: Surrendered



ID	Location	Address	Details	
N	372m S	Upstate Ion Channel Discovery Group Ltd, 140 Cambridge Science Park, Milton Road, Cambridge, CB4 4GF	Operator: Upstate Ion Channel Discovery Group Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BH5935 Date of approval: 22/02/2000	Effective from: 22/02/2000 Last date of update: 01/01/2015 Status: Revoked/cancelled
N	372m S	Upstate Ion Channel Discovery Group Ltd, 140 Cambridge Science Park, Milton Road, Cambridge, CB4 4GF	Operator: Upstate Ion Channel Discovery Group Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BH6222 Date of approval: 24/02/2000	Effective from: 06/03/2000 Last date of update: 01/01/2015 Status: Revoked/cancelled
P	439m SW	436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA	Operator: Astex Therapeutics Limited Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BZ6716 Date of approval: 25/10/2005	Effective from: 25/10/2005 Last date of update: 01/01/2020 Status: Issued
P	439m SW	Astex Therapeutics Ltd, 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA	Operator: Astex Therapeutics Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BT6128 Date of approval: 30/12/2002	Effective from: 30/12/2002 Last date of update: 01/01/2015 Status: Superseded By Variation
P	439m SW	Astex Therapeutics Ltd, 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA	Operator: Astex Therapeutics Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BT6136 Date of approval: 30/12/2002	Effective from: 20/01/2003 Last date of update: 01/01/2015 Status: Superseded By Variation
P	439m SW	Astex Therapeutics Ltd, 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA	Operator: Astex Therapeutics Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BT6136 Date of approval: 21/06/2004	Effective from: 21/06/2004 Last date of update: 01/01/2015 Status: Superseded By Variation
P	439m SW	Astex Therapeutics Ltd, 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA	Operator: Astex Therapeutics Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BT6136 Date of approval: 23/09/2004	Effective from: 23/09/2004 Last date of update: 01/01/2015 Status: Superseded By Variation
P	439m SW	Astex Therapeutics Ltd, 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA	Operator: Astex Therapeutics Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BT6136 Date of approval: 29/07/2005	Effective from: 29/07/2005 Last date of update: 01/01/2015 Status: Superseded By Variation



ID	Location	Address	Details	
P	439m SW	436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA	Operator: Astex Therapeutics Limited Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BZ4128 Date of approval: 29/07/2005	Effective from: 29/07/2005 Last date of update: 01/01/2020 Status: Issued
Q	475m S	Xenova Research Ltd, 184 Cambridge Science Park, Milton Road, Cambridge, CB4 4GN	Operator: Xenova Research Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC5313 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation
Q	475m S	Xenova Research Ltd, 184 Cambridge Science Park, Milton Road, Cambridge, CB4 4GN	Operator: Xenova Research Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC5313 Date of approval: 22/01/1993	Effective from: 22/02/1993 Last date of update: 01/01/2015 Status: Superseded By Variation
Q	475m S	Xenova Research Ltd, 184 Cambridge Science Park, Milton Road, Cambridge, CB4 4GN	Operator: Xenova Research Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC5313 Date of approval: 27/04/1995	Effective from: 01/06/1995 Last date of update: 01/01/2015 Status: Superseded By Variation
Q	475m S	Xenova Research Ltd, 184 Cambridge Science Park, Milton Road, Cambridge, CB4 4GN	Operator: Xenova Research Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AC5313 Date of approval: 23/10/1995	Effective from: 05/12/1995 Last date of update: 01/01/2015 Status: Revoked/cancelled
R	491m SW	Kudos Pharmaceuticals Ltd, 410 Cambridge Science Park, Milton Road, Cambridge, CB4 0PE	Operator: Kudos Pharmaceuticals Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: CB1168 Date of approval: 17/04/2007	Effective from: 17/04/2007 Last date of update: 01/01/2015 Status: Superseded By Variation
R	491m SW	Kudos Pharmaceuticals Ltd, 410 Cambridge Science Park, Milton Road, Cambridge, CB4 0PE	Operator: Kudos Pharmaceuticals Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: CB1168 Date of approval: 18/03/2009	Effective from: 18/03/2009 Last date of update: 01/01/2015 Status: Effective
R	491m SW	Kudos Pharmaceuticals Ltd, 410 Cambridge Science Park, Milton Road, Cambridge, CB4 0PE	Operator: Kudos Pharmaceuticals Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: CB1176 Date of approval: 29/03/2007	Effective from: 29/03/2007 Last date of update: 01/01/2015 Status: Revoked/cancelled

This data is sourced from the Environment Agency and Natural Resources Wales.



4.13 Licensed Discharges to controlled waters

Records within 500m

4

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Address	Details	
F	On site	MILTON LANDFILL SITE, JUNCTION A45/A10, MILTON, CAMBRIDGESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: PRCNF04229 Permit Version: 1 Receiving Water: Trib Cambridge No 13 drain	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 14/05/1991 Effective Date: 14/05/1991 Revocation Date: 27/07/2003
F	On site	MILTON LANDFILL SITE, JUNCTION A45/A10, MILTON, CAMBRIDGESHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: PRCNF04229 Permit Version: 2 Receiving Water: Trib Cambridge No 13 drain	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 08/08/2003 Effective Date: 28/07/2003 Revocation Date: 19/05/2005
4	5m E	MILTON LANDFILL SITE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: PRCNF05155 Permit Version: 1 Receiving Water: 13th public drain	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/03/1994 Effective Date: 28/03/1994 Revocation Date: 19/05/2005
18	421m S	NORTH OF KINGS HEDGES ROAD, CAMBRIDGE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: PRCNF03628 Permit Version: 1 Receiving Water: Twelfth Public Drain	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 04/04/1991 Effective Date: 04/04/1991 Revocation Date: 17/02/1992

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.



4.15 Pollutant release to public sewer

Records within 500m

2

Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Address	Details	
11	255m S	Bard Pharmaceuticals Ltd, CAMBRIDGE SCIENCE PARK, MILTON ROAD, CAMBRIDGE, CAMBRIDGESHIRE, CB4 0AB	Permission reference: SCE0152C2 Local Authority: CAMBRIDGE CITY COUNCIL First received date: 01/01/2015	Last received date: 01/01/2018 Status: EFFECTIVE
M	279m S	BARD PHARMACEUTICALS LIMITED, UNITS 127/137, CAMBRIDGE SCIENCE PARK, MILTON ROAD, CAMBRIDGE, CAMBRIDGESHIRE, CB4 4GW	Permission reference: CE2276 Local Authority: CAMBRIDGE CITY COUNCIL First received date: 01/07/2010	Last received date: 01/01/2018 Status: RECEIVED

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m

11

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Name	Status	Receiving Water	Authorised Substances
E	On site	Bard Pharmaceuticals Ltd	Not Active	Na	pH
E	On site	Cantab Pharmaceuticals Research Ltd	Not Active	Na	pH
K	274m S	Ssl International	Not Active	Na	pH
12	276m S	Bard Pharmaceuticals Ltd	Not Active	Na	pH
14	298m SW	Cantab Pharmaceuticals Research Ltd	Not Active	Na	pH



ID	Location	Name	Status	Receiving Water	Authorised Substances
N	337m S	Advanced Technologies (cambridge) Ltd	Not Active	Na	pH
N	373m S	Cambridge Consultants Ltd	Not Active	Na	pH
19	427m S	Cambridge Biostability Limited	Not Active	Na	pH
P	439m SW	Astex Technology Ltd	Not Active	Na	pH
20	472m S	Kodak Limited	Not Active	Na	pH
21	486m E	Rentokil Initial Services Limited	Not Active	Na	pH

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

7

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 30**

ID	Location	Details	
2	On site	Incident Date: 06/02/2002 Incident Identification: 56711 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
B	On site	Incident Date: 01/10/2018 Incident Identification: 1654703 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
D	On site	Incident Date: 28/02/2002 Incident Identification: 61261 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
D	On site	Incident Date: 28/02/2002 Incident Identification: 61261 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
5	40m NW	Incident Date: 07/08/2003 Incident Identification: 179927 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)



ID	Location	Details	
16	348m NE	Incident Date: 11/03/2002 Incident Identification: 63085 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
17	375m SE	Incident Date: 01/10/2014 Incident Identification: 1283028 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m

7

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

Features are displayed on the Current industrial land use map on **page 30**

ID: B, Location: On site, Permit: BV4584IU
 Operator: East Waste Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Milton Landfill Butt Lane Milton Cambridge Cambridgeshire CB24 6DQ
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Air	Tetrachloroethane (1,1,2,2-Tetrachloroethane)	10kg	Below Reporting Threshold
Air	Benzene	1000kg	Below Reporting Threshold
Air	Butadiene (1,3-Butadiene)	100kg	Below Reporting Threshold
Air	Trichloroethylene	1000kg	Below Reporting Threshold
Air	Tetrachloroethylene (PER)	100kg	Below Reporting Threshold
Air	Methyl chloroform (1,1,1-Trichloroethane)	10kg	Below Reporting Threshold
Air	Vinyl chloride	1000kg	Below Reporting Threshold
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	Below Reporting Threshold



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Dichloromethane (DCM) (Methylene chloride)	1000kg	Below Reporting Threshold
Air	Carbon tetrachloride (Tetrachloromethane)	10kg	Below Reporting Threshold
Air	Particulate matter - PM10	1000kg	Below Reporting Threshold
Air	Benzo(a)pyrene	1kg	Below Reporting Threshold
Air	Chloroform (Trichloromethane)	100kg	Below Reporting Threshold
Air	Ethylene dichloride (1,2-Dichloroethane)	1000kg	Below Reporting Threshold
Air	Trichlorobenzene - all isomers	1kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold

ID: B, Location: On site, Permit: BV4584IU
 Operator: East Waste Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Milton Landfill Butt Lane Milton Cambridge Cambridgeshire CB24 6DQ
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	23070000kg

ID: B, Location: On site, Permit: BV4584IU
 Operator: East Waste Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Milton Landfill Butt Lane Milton Cambridge Cambridgeshire CB24 6DQ
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chlorofluorocarbons (CFCs)	1kg	25.9kg

ID: B, Location: On site, Permit: BV4584IU
 Operator: East Waste Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Milton Landfill Butt Lane Milton Cambridge Cambridgeshire CB24 6DQ
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon Dioxide From Qualifying Renewable Fuel Sources	0kg	19800000kg

ID: B, Location: On site, Permit: BV4584IU
 Operator: East Waste Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Milton Landfill Butt Lane Milton Cambridge Cambridgeshire CB24 6DQ
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Methane	10000kg	1440000kg

ID: B, Location: On site, Permit: BV4584IU
 Operator: East Waste Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Milton Landfill Butt Lane Milton Cambridge Cambridgeshire CB24 6DQ
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon monoxide	100000kg	111000kg

ID: B, Location: On site, Permit: BV4584IU
 Operator: East Waste Limited
 Activity: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE
 Address: Milton Landfill Butt Lane Milton Cambridge Cambridgeshire CB24 6DQ
 Sector: Landfill, Sub-sector: Non Hazardous Landfill
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Hydrochlorofluorocarbons (HCFCs)	1kg	11.8kg

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m

0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m

0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.



5 Geology (basic)

5.1 Superficial geology (625k)

Records within 500m

1

Generalised geology data based on BGS's published poster maps of the UK (North and South). Superficial related themes digitised from 1977 first edition Quaternary map (North and South).

Location	Lex code	Description	Rock type
On site	RTDU-SAGR	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

5.2 Bedrock geology (625k)

Records within 500m

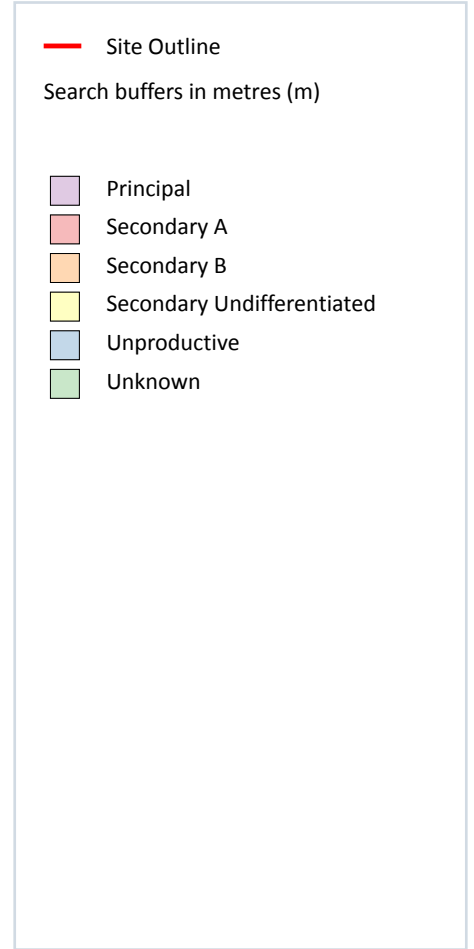
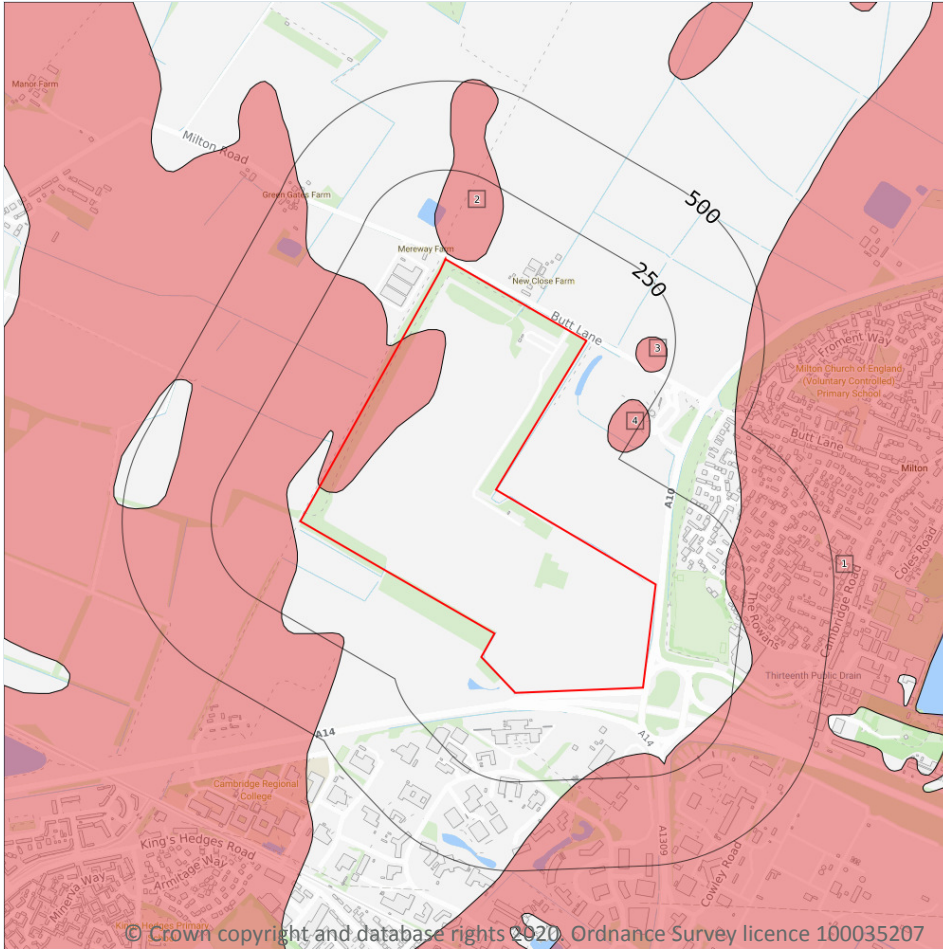
1

Generalised geology data based on BGS's published poster maps of the UK (North and South). Bedrock related themes created through generalisation of 1:50,000 data.

Location	Lex code	Description	Rock type
On site	GUGS- MDSL	GAULT FORMATION AND UPPER GREENSAND FORMATION (UNDIFFERENTIATED)	MUDSTONE, SANDSTONE AND LIMESTONE

This data is sourced from the British Geological Survey.

6 Hydrogeology - Superficial aquifer



6.1 Superficial aquifer

Records within 500m

4

Aquifer status of groundwater held within superficial geology.

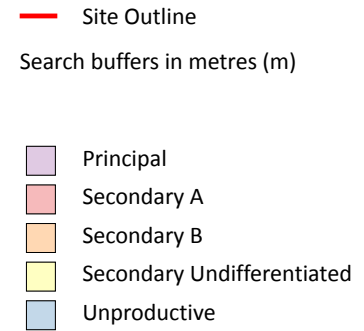
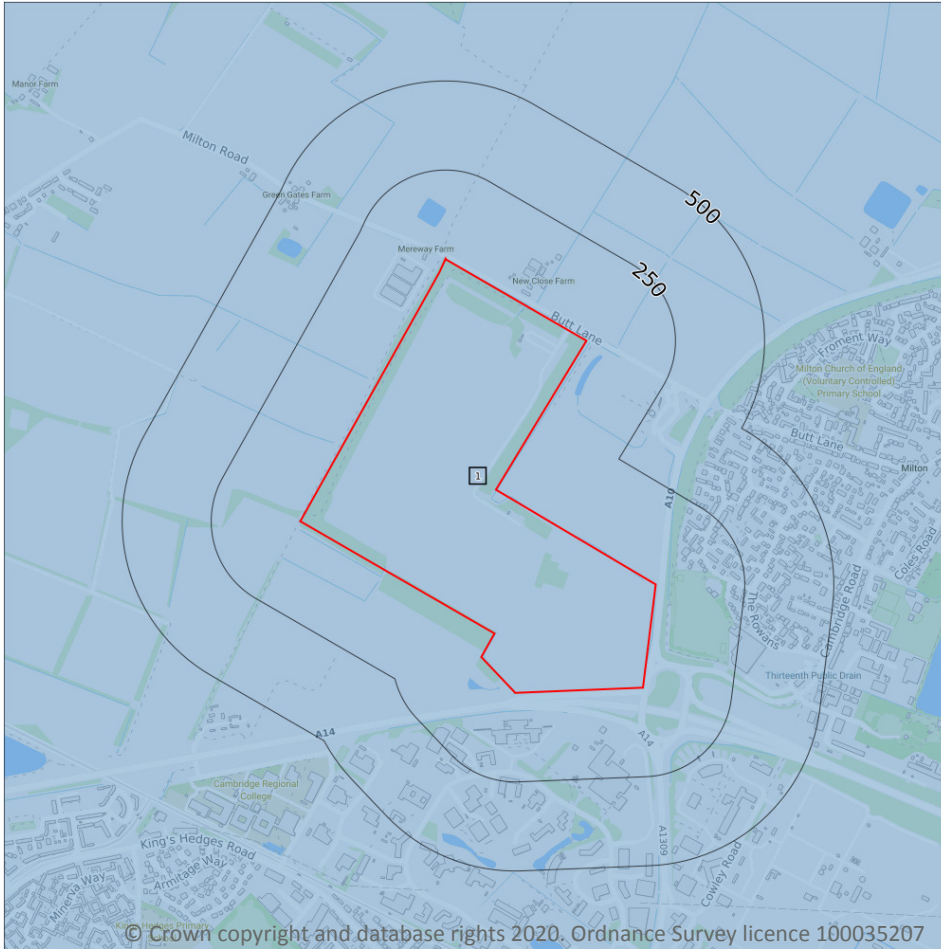
Features are displayed on the Hydrogeology map on **page 51**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	16m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

ID	Location	Designation	Description
3	143m E	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	172m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



6.2 Bedrock aquifer

Records within 500m

1

Aquifer status of groundwater held within bedrock geology.

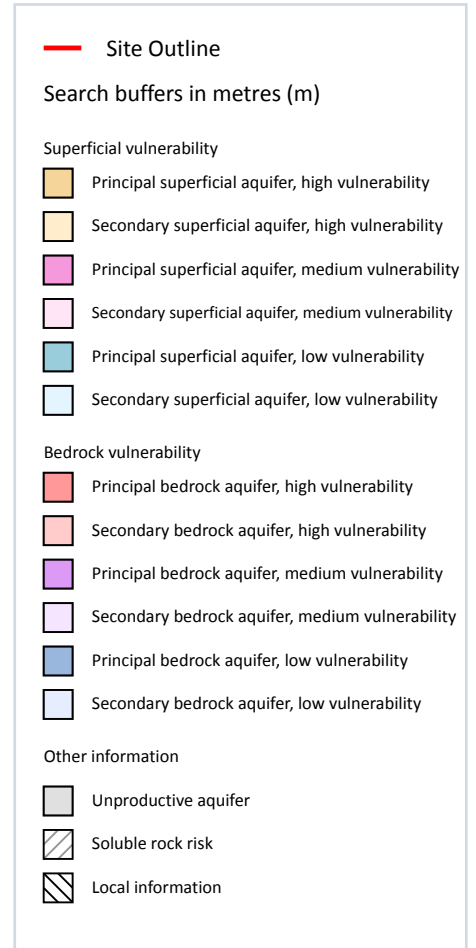
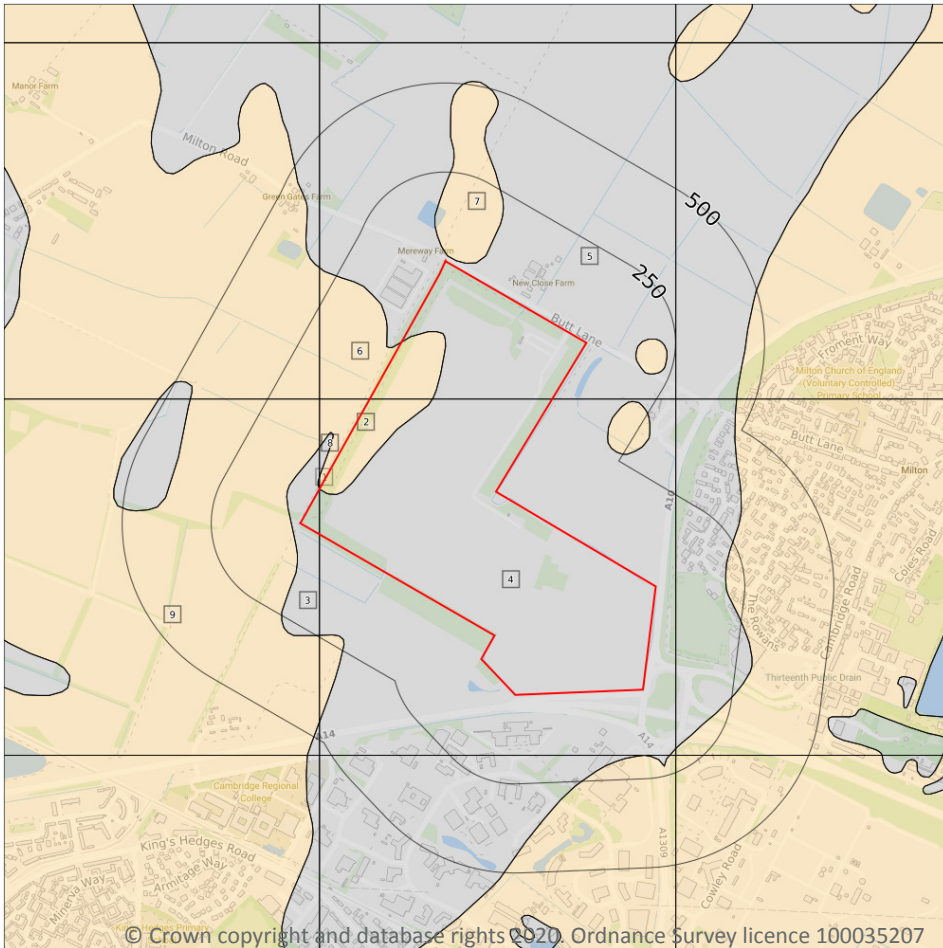
Features are displayed on the Bedrock aquifer map on **page 53**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



6.3 Groundwater vulnerability

Records within 50m

9

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 54**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
3	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
4	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
5	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
6	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	15m NE	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
8	16m NW	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
9	24m W	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

6.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

6.5 Groundwater vulnerability- local information

Records on site

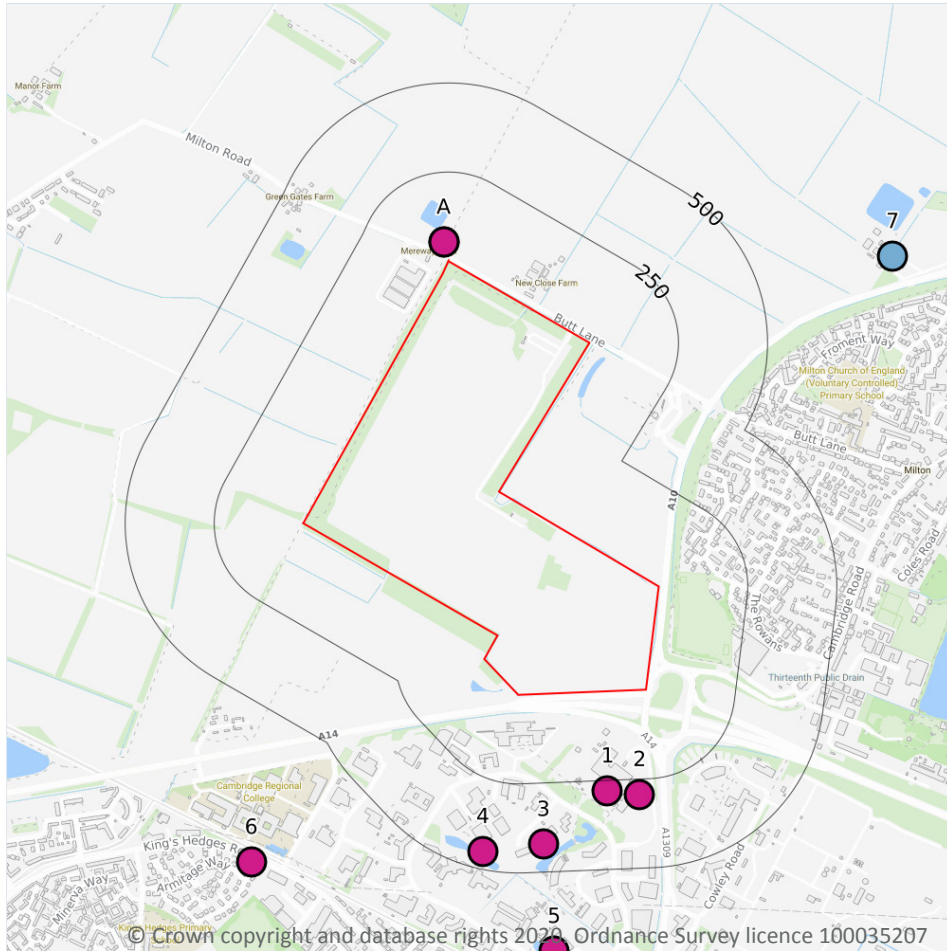
0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



6.6 Groundwater abstractions

Records within 2000m

20

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 57**

ID	Location	Details	
A	54m N	Status: Historical Licence No: 6/33/35/*G/0279 Details: Spray Irrigation - Storage Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT MILTON Data Type: Point Name: HARROLD Easting: 546340 Northing: 263440	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/07/1996 Expiry Date: 31/12/2005 Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
A	54m N	Status: Historical Licence No: 6/33/35/*G/0279 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT MILTON Data Type: Point Name: HARROLD Easting: 546340 Northing: 263440	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/07/1996 Expiry Date: 31/12/2005 Issue No: 100 Version Start Date: 01/07/1996 Version End Date: -
1	279m S	Status: Historical Licence No: 6/33/33/*G/0044 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: WELL N OF MILTON Data Type: Point Name: DOWNHAM Easting: 546800 Northing: 261900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/06/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/06/1966 Version End Date: -
2	293m S	Status: Historical Licence No: 6/33/33/*G/0071 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: BARD PHARMACEUTICALS LTD Easting: 546890 Northing: 261890	Annual Volume (m ³): 6588 Max Daily Volume (m ³): 36 Original Application No: - Original Start Date: 01/02/1997 Expiry Date: 30/09/2006 Issue No: 100 Version Start Date: 01/02/1997 Version End Date: -
3	422m S	Status: Historical Licence No: 6/33/33/*G/0069 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: LAKE C AT MILTON Data Type: Point Name: TRINITY COLLEGE CAMBRIDGE Easting: 546620 Northing: 261750	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/11/1994 Expiry Date: - Issue No: 100 Version Start Date: 01/11/1994 Version End Date: -



ID	Location	Details	
4	450m S	Status: Historical Licence No: 6/33/33/*G/0069 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: LAKE B AT MILTON Data Type: Point Name: TRINITY COLLEGE CAMBRIDGE Easting: 546450 Northing: 261730	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/11/1994 Expiry Date: - Issue No: 100 Version Start Date: 01/11/1994 Version End Date: -
5	723m S	Status: Historical Licence No: 6/33/33/*G/0069 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: LAKE A AT MILTON Data Type: Point Name: TRINITY COLLEGE CAMBRIDGE Easting: 546650 Northing: 261450	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/11/1994 Expiry Date: - Issue No: 100 Version Start Date: 01/11/1994 Version End Date: -
6	867m SW	Status: Historical Licence No: 6/33/33/*G/0065 Details: Make-Up or Top Up Water Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE - IMPINGTON Data Type: Point Name: CAMBRIDGE REGIONAL COLLEGE Easting: 545800 Northing: 261700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/05/1993 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1993 Version End Date: -
-	1095m SW	Status: Active Licence No: 6/33/33/*G/0076/R01 Details: Spray Irrigation - Storage Direct Source: GROUND WATER SOURCE OF SUPPLY Point: CAWCUTTS RESERVOIR, IMPINGTON Data Type: Point Name: Harrold Easting: 544993 Northing: 262111	Annual Volume (m ³): 22,725 Max Daily Volume (m ³): 324 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 06/12/2019 Version End Date: -
-	1095m SW	Status: Active Licence No: 6/33/33/*G/0076/R01 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: CAWCUTTS RESERVOIR, IMPINGTON Data Type: Point Name: Harrold Easting: 544993 Northing: 262111	Annual Volume (m ³): 22,725 Max Daily Volume (m ³): 324 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 06/12/2019 Version End Date: -



ID	Location	Details	
-	1095m SW	Status: Active Licence No: 6/33/33/*G/0076/R01 Details: Trickle Irrigation - Storage Direct Source: GROUND WATER SOURCE OF SUPPLY Point: CAWCUTTS RESERVOIR, IMPINGTON Data Type: Point Name: Harrold Easting: 544993 Northing: 262111	Annual Volume (m ³): 22,725 Max Daily Volume (m ³): 324 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 06/12/2019 Version End Date: -
-	1182m SW	Status: Historical Licence No: 6/33/33/*G/0068 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: CAWCUTTS RESERVOIR, IMPINGTON Data Type: Point Name: CHIVERS FARMS LTD Easting: 544900 Northing: 262100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/09/1994 Expiry Date: 31/10/2004 Issue No: 100 Version Start Date: 01/09/1994 Version End Date: -
-	1182m SW	Status: Historical Licence No: 6/33/33/*G/0076 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: CAWCUTTS RESERVOIR, IMPINGTON Data Type: Point Name: CHIVERS FARMS LTD Easting: 544900 Northing: 262100	Annual Volume (m ³): 22725 Max Daily Volume (m ³): 324 Original Application No: - Original Start Date: 10/01/2005 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 10/01/2005 Version End Date: -
-	1868m SW	Status: Historical Licence No: 6/33/33/*G/0030 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE S OF IMPINGTON Data Type: Point Name: CHESTERTON ALLOTMENTS SOCIETY Easting: 544710 Northing: 261250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1966 Version End Date: -
-	1893m NW	Status: Historical Licence No: 6/33/35/*G/0056 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT MILL LANE FARM Data Type: Point Name: GRAVES Easting: 544900 Northing: 264600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/01/1967 Version End Date: -

ID	Location	Details	
-	1922m SW	Status: Historical Licence No: 6/33/33/*G/0030 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE S OF IMPINGTON Data Type: Point Name: CHESTERTON ALLOTMENTS SOCIETY Easting: 544620 Northing: 261260	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1966 Version End Date: -
-	1955m E	Status: Historical Licence No: 6/33/33/*G/0039 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE N OF FEN DITTON Data Type: Point Name: H GINGELL LTD Easting: 548810 Northing: 261730	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1996 Version End Date: -
-	1964m SW	Status: Historical Licence No: 6/33/33/*G/0030 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE S OF IMPINGTON Data Type: Point Name: CHESTERTON ALLOTMENTS SOCIETY Easting: 544540 Northing: 261280	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1966 Version End Date: -
-	1978m SW	Status: Historical Licence No: 6/33/33/*G/0030 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE S OF IMPINGTON Data Type: Point Name: CHESTERTON ALLOTMENTS SOCIETY Easting: 544670 Northing: 261140	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1966 Version End Date: -
-	1983m SW	Status: Historical Licence No: 6/33/33/*G/0030 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE S OF IMPINGTON Data Type: Point Name: CHESTERTON ALLOTMENTS SOCIETY Easting: 544440 Northing: 261360	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1966 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.



6.7 Surface water abstractions

Records within 2000m

1

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 57**

ID	Location	Details	
7	884m E	Status: Active Licence No: 6/33/33/*S/0070 Details: Spray Irrigation - Storage Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: DRAIN AT MILTON Data Type: Point Name: CHAPMAN Easting: 547600 Northing: 263400	Annual Volume (m ³): 25,000 Max Daily Volume (m ³): 4,320 Original Application No: - Original Start Date: 04/10/1996 Expiry Date: 31/03/2021 Issue No: 101 Version Start Date: 01/04/2007 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

6.8 Potable abstractions

Records within 2000m

0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

6.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

6.10 Source Protection Zones (confined aquifer)

Records within 500m

0

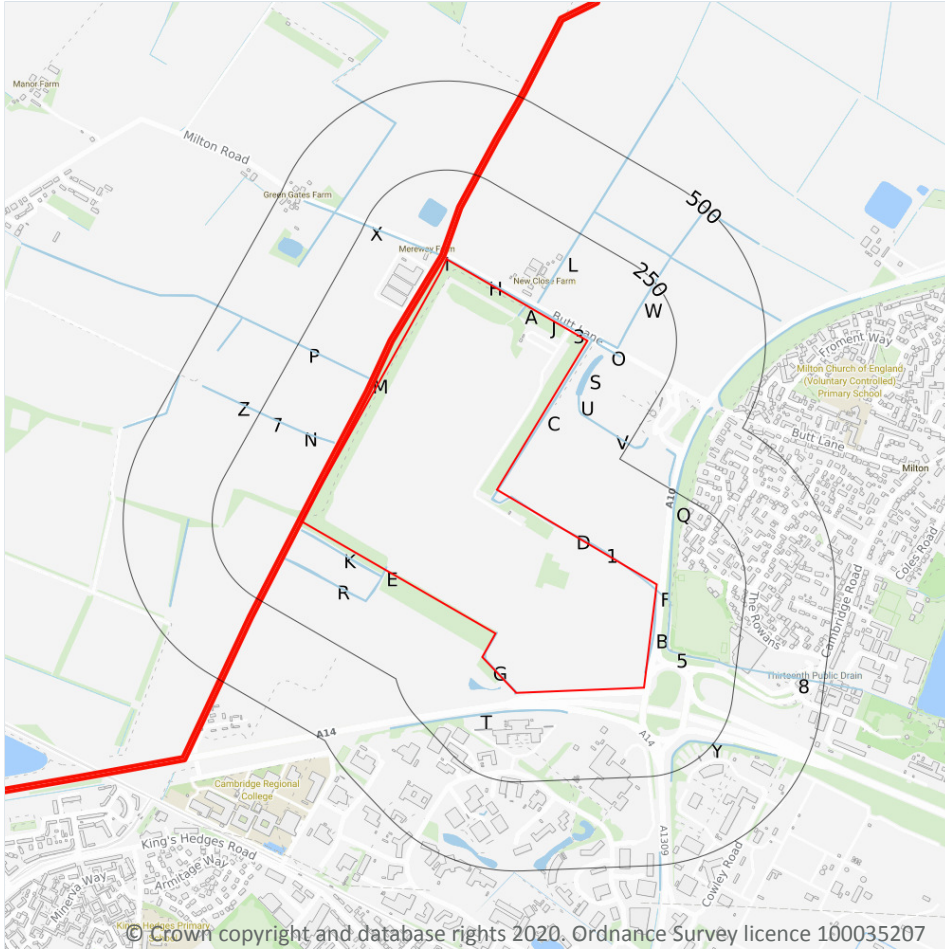
Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.



This data is sourced from the Environment Agency and Natural Resources Wales.



7 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ⋯ WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

7.1 Water Network (OS MasterMap)

Records within 250m

44

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 64**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Thirteenth Public Drain
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Thirteenth Public Drain
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	1m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	5m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	5m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	6m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
J	6m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
3	7m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
K	18m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
E	21m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	22m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	22m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	23m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	25m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	28m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
E	30m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
O	30m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	30m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
P	32m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	36m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	37m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	37m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Thirteenth Public Drain



ID	Location	Type of water feature	Ground level	Permanence	Name
R	38m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	39m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Thirteenth Public Drain
S	48m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	50m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	59m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	72m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
V	81m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	87m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
I	89m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
W	90m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	90m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	106m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
X	136m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
Y	194m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	217m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Z	223m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	229m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Thirteenth Public Drain

This data is sourced from the Ordnance Survey.

7.2 Surface water features

Records within 250m	23
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Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 64**

This data is sourced from the Ordnance Survey.

7.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 64**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River WB catchment	Cam	GB105033042750	Lower Cam	Cam and Ely Ouse

This data is sourced from the Environment Agency and Natural Resources Wales.



7.4 WFD Surface water bodies

Records identified

1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 64**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1532m E	River	Cam	GB105033042750	Moderate	Good	Moderate	2016

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 WFD Groundwater bodies

Records on site

0

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 River and coastal flooding

8.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

8.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

8.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

8.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



8.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones

8.6 Flood Zone 2

Records within 50m

0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

8.7 Flood Zone 3

Records within 50m

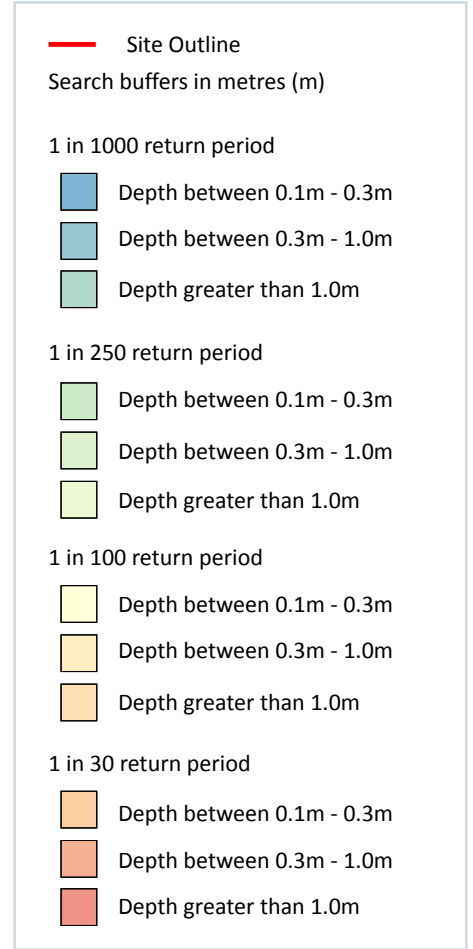
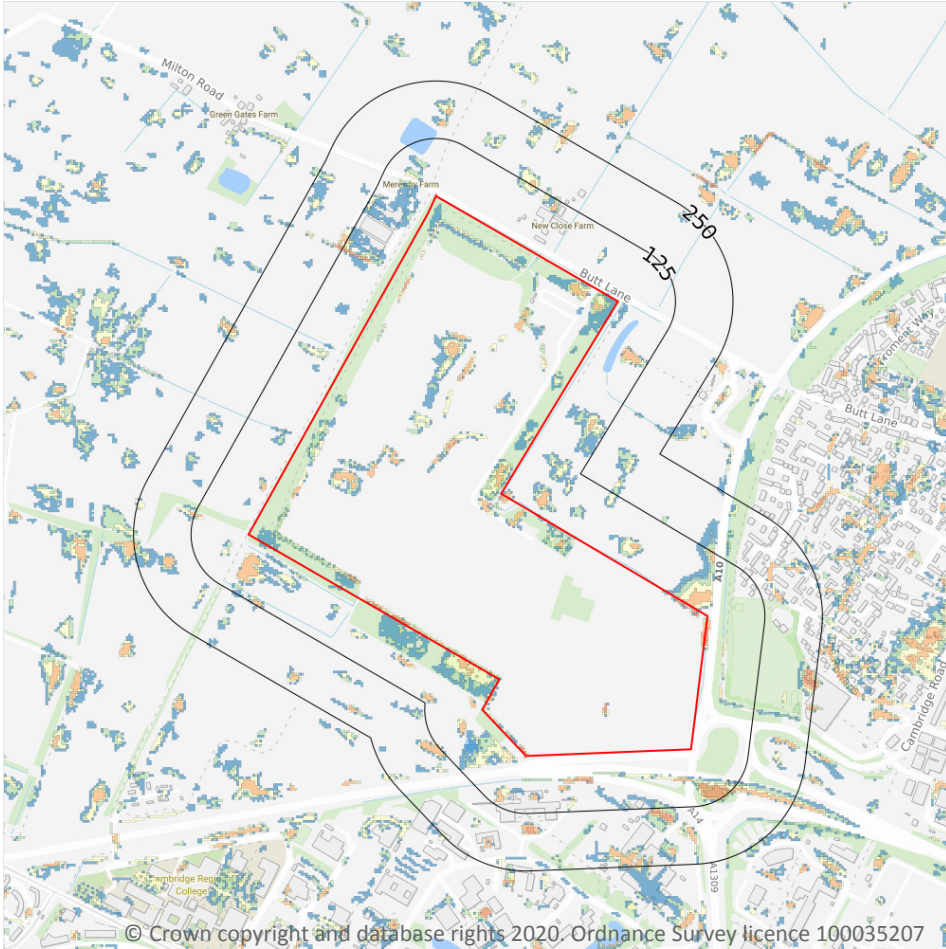
0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.



9 Surface water flooding



9.1 Surface water flooding

Highest risk on site

1 in 30 year, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 73**

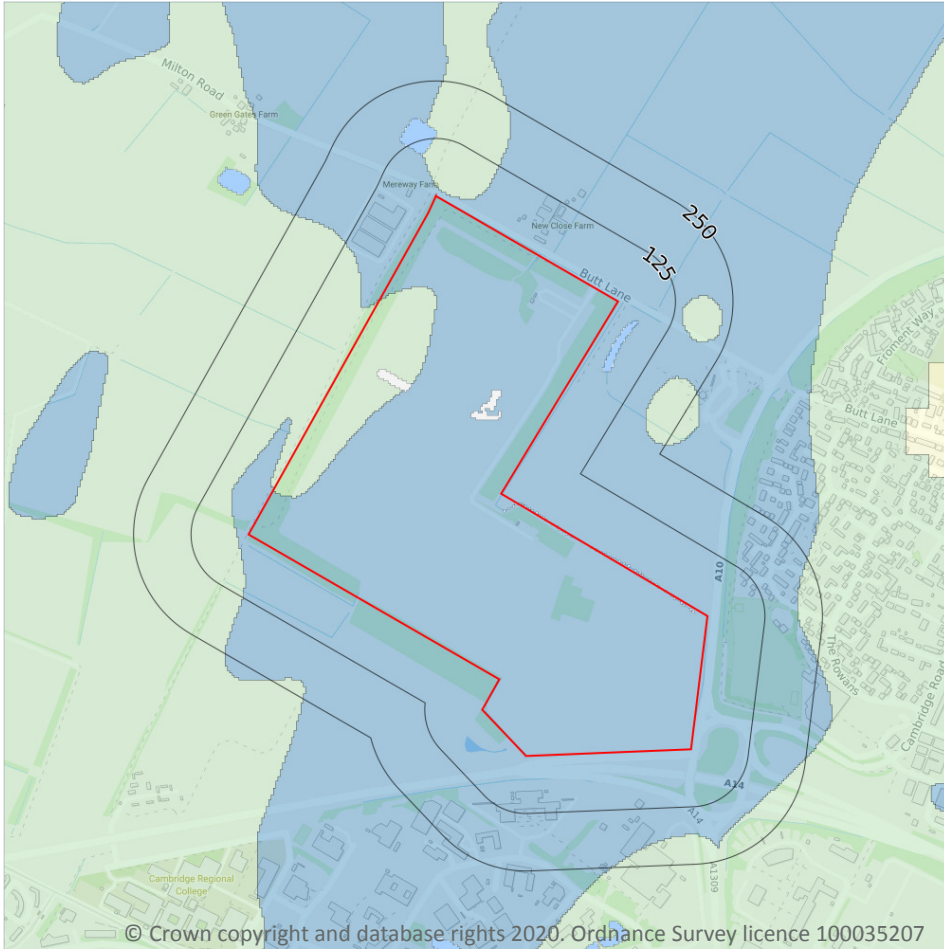
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiental Risk Analytics.

10 Groundwater flooding



— Site Outline
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

10.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

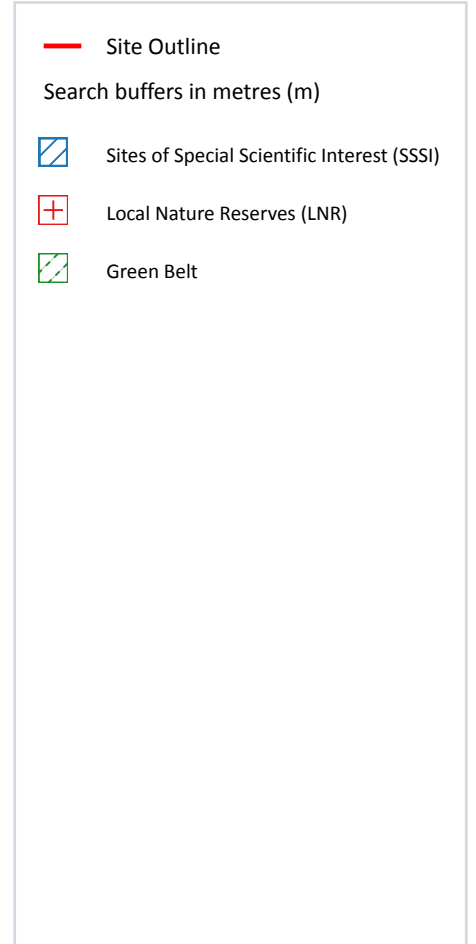
Low

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 75**

This data is sourced from Ambiental Risk Analytics.

11 Environmental designations



11.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 Special Areas of Conservation (SAC)

Records within 2000m

0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.4 Special Protection Areas (SPA)

Records within 2000m

0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.5 National Nature Reserves (NNR)

Records within 2000m

0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



11.6 Local Nature Reserves (LNR)

Records within 2000m

3

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 76**

ID	Location	Name	Data source
-	1496m S	Bramblefields	Natural England
-	1580m S	Bramblefields	Natural England
-	1868m NE	Worts Meadow	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.7 Designated Ancient Woodland

Records within 2000m

0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



11.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

11.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.11 Green Belt

Records within 2000m

4

Areas designated to prevent urban sprawl by keeping land permanently open.

Features are displayed on the Environmental designations map on **page 76**

ID	Location	Name	Local Authority name
1	On site	Cambridge	South Cambridgeshire
2	374m E	Cambridge	Cambridge
3	654m E	Cambridge	Cambridge
-	1925m S	Cambridge	Cambridge

This data is sourced from the Ministry of Housing, Communities and Local Government.

11.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.



11.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

11.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

11.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

11.16 Nitrate Vulnerable Zones

Records within 2000m

3

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Ely Ouse and Cut-off channel NVZ	Surface Water	S390	Existing

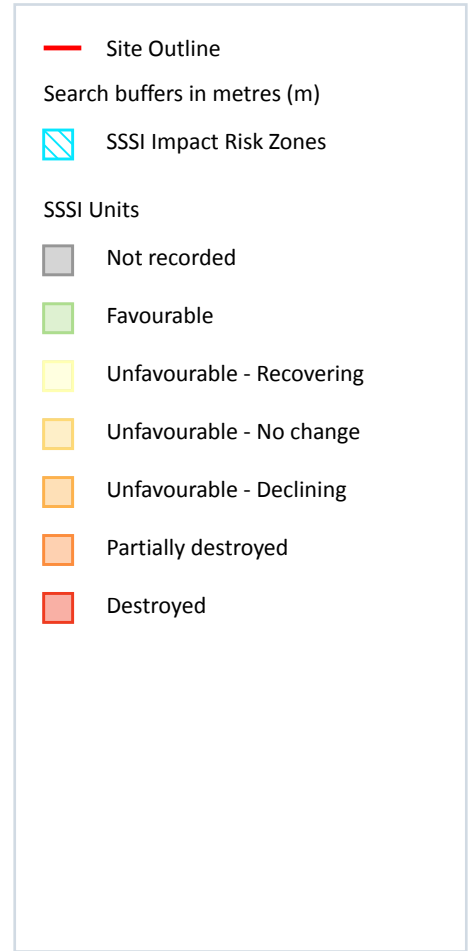
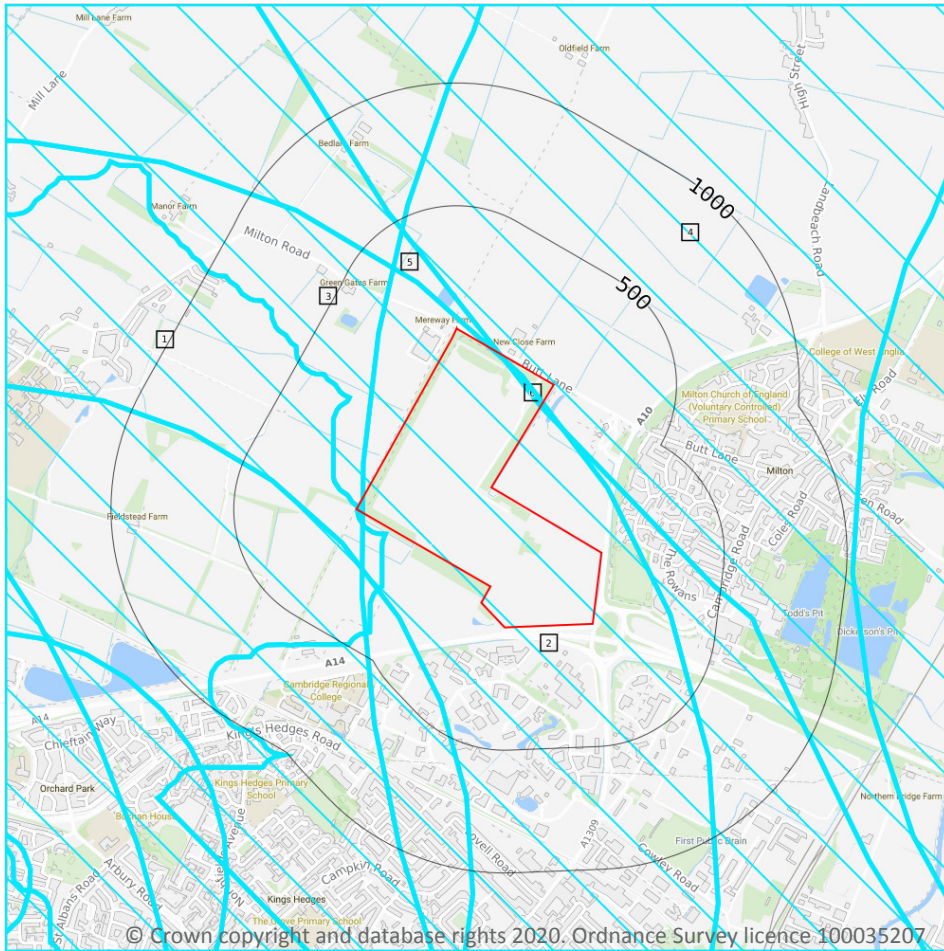


Location	Name	Type	NVZ ID	Status
1611m SE	Anglian Chalk	Groundwater	G71	Existing
1854m W	Ely Ouse and Cut-off channel NVZ	Surface Water	S390	Existing

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



11.17 SSSI Impact Risk Zones

Records on site

6

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 82**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.

ID	Location	Type of developments requiring consultation
2	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)</p>
3	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)</p>
4	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t.</p> <p>Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)</p>
5	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)</p>
6	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t.</p> <p>Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)</p>

This data is sourced from Natural England.



11.18 SSSI Units

Records within 2000m

0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.



12 Visual and cultural designations

12.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

12.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

12.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.



This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

12.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

12.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.

12.7 Registered Parks and Gardens

Records within 250m

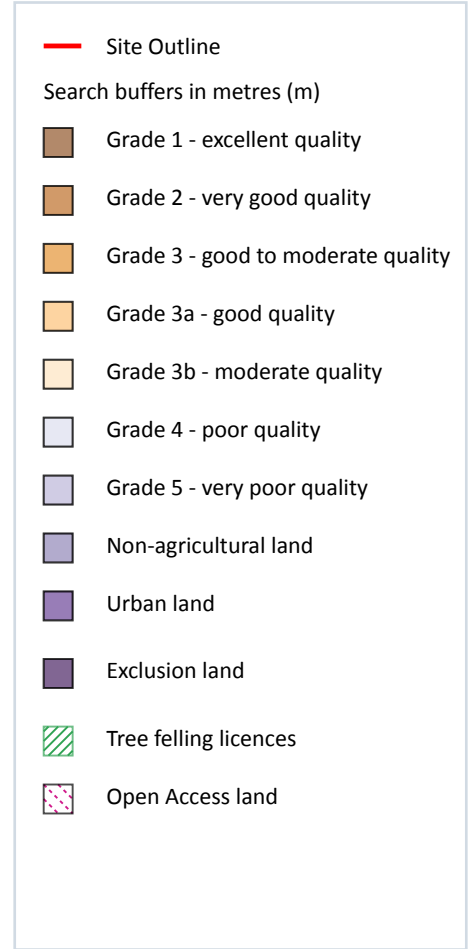
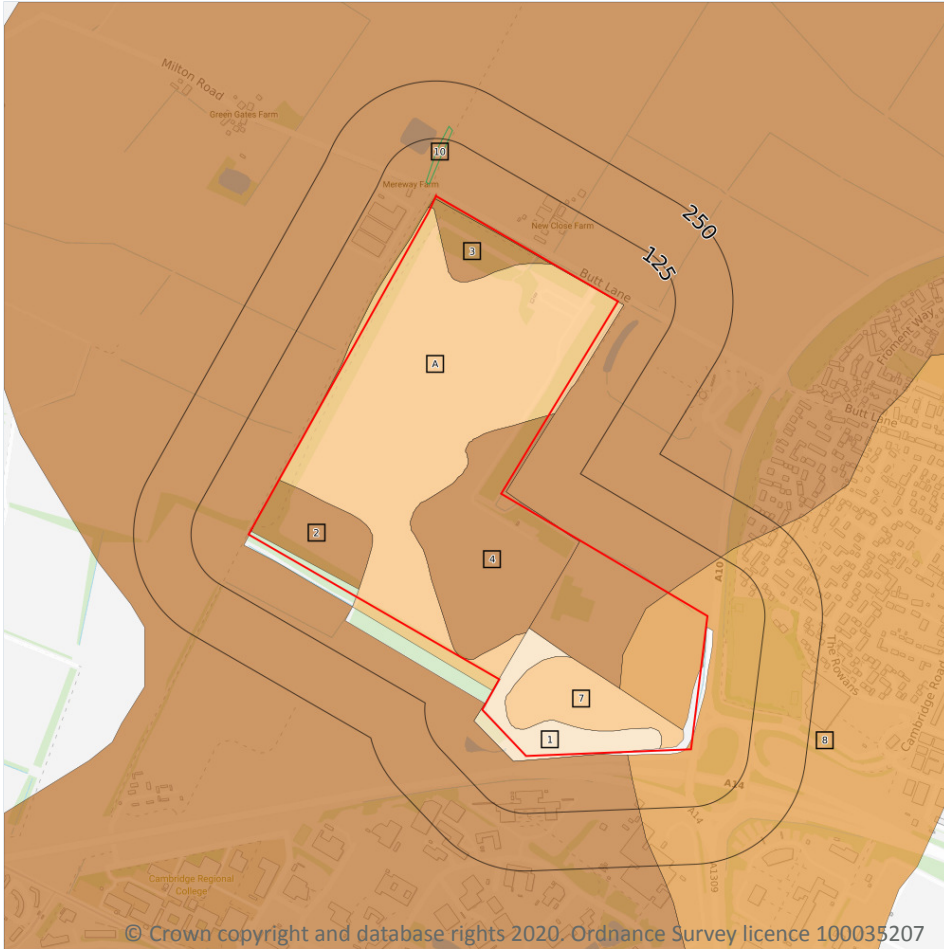
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from English Heritage, Cadw and Historic Environment Scotland.



13 Agricultural designations



13.1 Agricultural Land Classification

Records within 250m

8

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 87**

ID	Location	Classification	Description
1	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.

ID	Location	Classification	Description
2	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
3	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
4	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
7	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
8	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
A	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
A	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.

This data is sourced from Natural England.



13.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

13.3 Tree Felling Licences

Records within 250m

1

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

Features are displayed on the Agricultural designations map on **page 87**

ID	Location	Description	Reference	Application date
10	30m NW	Selective Fell/Thin (Conditional)	017/175/01-02	20/02/2002

This data is sourced from the Forestry Commission.

13.4 Environmental Stewardship Schemes

Records within 250m

1

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment.

Location	Reference	Scheme	Start Date	End date
9m W	AG00482209	Entry Level Stewardship	01/09/2013	31/08/2018

This data is sourced from Natural England.

13.5 Countryside Stewardship Schemes

Records within 250m

1

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

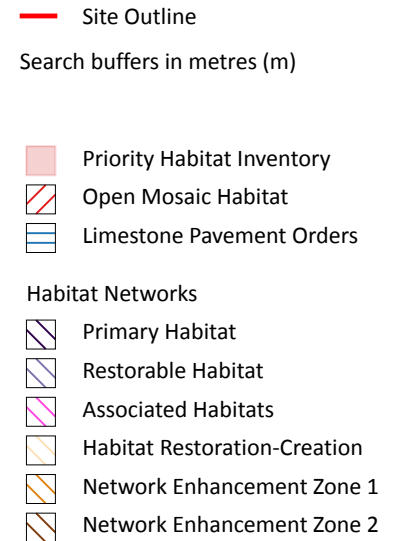


Location	Reference	Scheme	Start Date	End Date
9m W	642826	Countryside Stewardship (Middle Tier)	01/01/2019	31/12/2023

This data is sourced from Natural England.



14 Habitat designations



14.1 Priority Habitat Inventory

Records within 250m

18

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 91**

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
5	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	7m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	26m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	39m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	41m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	46m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
14	170m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
15	188m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	197m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
17	213m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	216m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

14.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

14.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.



14.4 Limestone Pavement Orders

Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

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