PLANNING STATEMENT

Outline Residential Development 102 East Road West Mersea

Appendix V Environmental Site Check

The Coach House Beacon End House London Road Stanway

The Johnson Dennehy Planning Partnership

Colchester Essex, CO3 0NY



108, East Road, West Mersea, COLCHESTER, CO5 8SA

Prepared for:

Ms S McIellan
Johnson Dennehy Planning Partnership
The Coach House
Beacon End House
Stanway
Colchester
CO3 0NY

Report Reference: SCD_214097761_1_1

Report Date: 09-AUG-2019

Customer Reference: PRJ/SM/2069

National Grid Reference: 602560 213400

Site Area: 18936 m²





If you have any questions on the contents of this Report please contact Landmark Customer Helpdesk which is open from 9:00am - 5:30pm, Monday - Friday, via one of the following channels:

Telephone: 0844 844 9966 Fax: 0844 844 9980

Email: info@landmarkinfo.co.uk Website: www.sitecheck.co.uk

Page

Sitecheck Data

Report Sections and Details

Summary of Site This section comprises contaminant, pathway and receptor information found on site. Other factors which may affect the site are also included. **Aerial Photo** The aerial photo gives an overall view of the area. The smaller large-scale Ordnance Survey map includes the site boundary and search zone buffer at 250m. **Location Map** 2 The large-scale Ordnance Survey map includes the site boundary and search zone buffer at 250m. The smaller aerial photo also includes the site boundary. **Summary Table** 3 This section comprises of a summary table of the information found on site and in its vicinity. **Current Land Use** This section contains a map, which shows current land use features. The following pages detail these features and identify the Reference Number and direction. **Historical Land Use** 10 This section contains a map, which shows historical land use features. The following pages detail these features and identify the Reference Number and direction. A table listing all the maps used to source this information is included. Sensitivity 13 This section contains a map, which shows pathway and receptor features. The following pages detail these features and identify the Reference Number and direction. This section also contains a separate Flood Map and flood details. Other Factors 16 This section contains information on other factors which may affect the site and its vicinity. **Useful Information** 17 This section contains information which may be of use when interpreting the report. **Useful Contacts** 18 All textual information is linked by the 'Contact Ref' to this quick reference list of contacts. These contacts may be

able to supply additional information or answer any subsequent query relating to that record.

Sensitivity Environmentally Sensitive Receptors	Page No.	Reference Number (Map ID)
Environmentally Sensitive Areas		
Essex Coast (decommissioned), Designation Date: 31st December 1994, Total Area: 16653030.43(m2), Contact Ref: 2	15	1

Other Factors Geological	Page No.	Reference Number
Radon Potential - Radon Affected Areas		(Map ID)
Affected Areas: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level)., Source: British Geological Survey, National Geoscience Information Service, Contact Ref: 3	16	-
Radon Potential - Radon Protection Measures		
Radon Protection Measures: None, Source: British Geological Survey, National Geoscience Information Service, Contact Ref: 3	16	-
Potential for Landslide Ground Stability Hazards		
Hazard Potential: Very Low, Contact Ref. 3	16	-
Potential for Running Sand Ground Stability Hazards		
Hazard Potential: Very Low, Contact Ref. 3	16	-
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
Hazard Potential: Moderate, Contact Ref: 3	16	-
Potential for Collapsible Ground Stability Hazards		
Hazard Potential: Very Low, Contact Ref: 3	16	-



Site

108, East Road, West Mersea, COLCHESTER, CO5 8SA

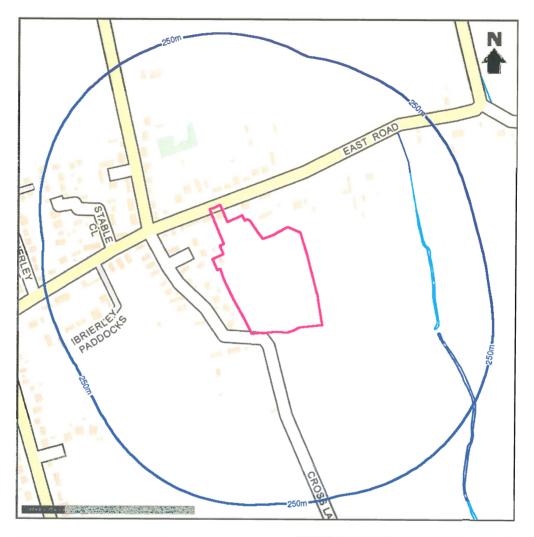
Grid Reference 602560, 213400

Report Reference SCD_214097761_1_1

Customer Reference PRJ/SM/2069

Size of Site 18936 m²





Site

108, East Road, West Mersea, COLCHESTER, CO5 8SA

Grid Reference 602560, 213400

Report Reference SCD_214097761_1_1

Customer Reference PRJ/SM/2069

Size of Site 18936 m²



Current Land Use	On Site	0-250m
Contaminants	0	7
Waste / Landfill Sites		
BGS Recorded Landfill Sites	0	0
Licensed Waste Management Facilities (Landfill Boundaries)	0	0
Licensed Waste Management Facilities (Locations)	0	0
Local Authority Recorded Landfill Sites	0	0
Registered Landfill Sites	0	0
Registered Waste Transfer Sites	0	0
Registered Waste Treatment or Disposal Sites	0	0
Statutory Authorisations		
ocal Authority Pollution Prevention and Controls	0	0
Contaminated Land Register Entries and Notices	0	0
Registered Radioactive Substances	0	0
Discharge Consents		
Discharge Consents	0	4
Vater Industry Act Referrals	0	0
ndustrial Processes		
ntegrated Pollution Controls	0	0
ntegrated Pollution Control Registered Waste Sites	0	0
ntegrated Pollution Prevention And Control	0	0
ocal Authority Integrated Pollution Prevention And Control	0	0
Storage of Hazardous Substances		
Control of Major Accident Hazards Sites (COMAH)	0	0
Explosive Sites	0	0
lotification of Installations Handling Hazardous Substances (NIHHS)	0	0
Planning Hazardous Substance Consents	0	0
Contraventions		
ocal Authority Pollution Prevention and Control Enforcements	0	0
inforcement and Prohibition Notices	0	0
Planning Hazardous Substance Enforcements	0	0
Prosecutions Relating to Authorised Processes	0	0
Prosecutions Relating to Controlled Waters	0	0
substantiated Pollution Incident Register	0	1

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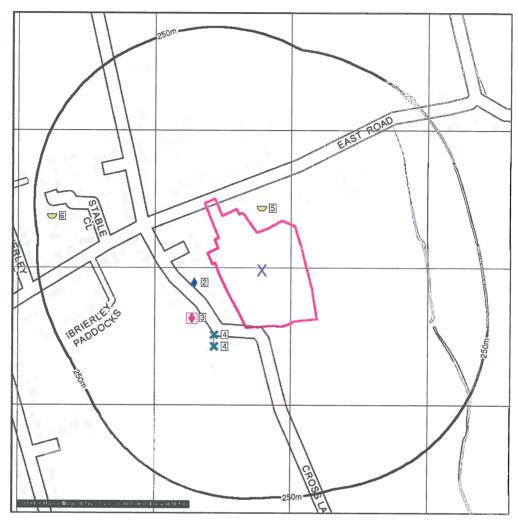
Current Land Use	On Site	0-250m
Contaminants	0	7
Potentially Contaminative Uses		
Contemporary Trade Directory Entries	0	2
Fuel Station Entries	0	0
Miscellaneous		
BGS Recorded Mineral Sites	0	0

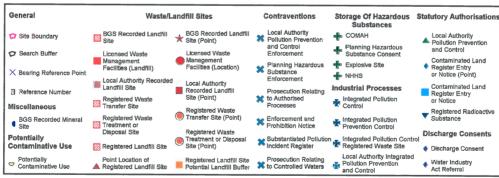
Historical Land Use	On Site	0-250m
Contaminants	0	2
Potentially Contaminative Uses		
Historical Tanks And Energy Facilities	0	2
Potentially Contaminative Industrial Uses (Past Land Use)	0	0
Potentially Infilled Land		
Former Marshes	0	0
Potentially Infilled Land (Non-Water)	0	0
Potentially Infilled Land (Water)	0	0

Sensitivity	On Site	0-250m
Pathways and Receptors	1	1
Pathways		
Historical Flood Liabilities	0	0
Extreme Flooding from Rivers or Sea without Defences	0	0
Flooding from Rivers or Sea without Defences	0	0
Areas Benefiting from Flood Defences	0	0
Flood Water Storage Areas	0	0
Flood Defences	0	0

Sensitivity	On Site	0-250m
Pathways and Receptors	1	1
Environmentally Sensitive Receptors		
Areas of Outstanding Natural Beauty	0	0
Environmentally Sensitive Areas	1	0
Local Nature Reserves	0	0
Marine Nature Reserves	0	0
National Nature Reserves	0	0
Nearest Surface Water Feature	0	1
Ramsar Sites	0	0
Sites of Special Scientific Interest	0	0
Source Protection Zones	0	0
Special Areas of Conservation	0	0
Special Protection Areas	0	0
Water Abstractions	0	0
Protected Countryside Areas		
Forest Parks	0	0
National Parks	0	0
National Scenic Areas	0	0

Other Factors	On Site	0-250m
Geological	8	0
Brine Compensation Area	0	n/a
Coal Mining Affected Areas	0	n/a
Mining Instability	0	0
Man-Made Mining Cavities	0	0
Natural Cavities	0	0
Potential for Collapsible Ground Stability Hazards	1	0
Radon Potential - Radon Affected Areas	1	n/a
Radon Potential - Radon Protection Measures	1	n/a
Potential for Compressible Ground Stability Hazards	1	0
Potential for Ground Dissolution Stability Hazards	1	0
Potential for Landslide Ground Stability Hazards	1	0
Potential for Running Sand Ground Stability Hazards	1	0
Potential for Shrinking or Swelling Clay Ground Stability Hazards	1	0
Non Coal Mining Areas of Great Britain	0	0





Contaminants			
Waste / Landfill Sites	Ref No.	Search Buffer	Direction
Local Authority Landfill Coverage			
Name: Colchester Borough Council, - Has no landfill data to supply, Contact Ref: 4	-	On Site	NW
Name: Essex County Council, - Has supplied landfill data, Contact Ref: 5		On Site	NW

Discharge Consents	Ref No.	Search Buffer	Direction
Discharge Consents			
Mark A Skinner, Cross Lane West Mersea, Colchester, Essex, Essex, Co5 8hn, Sewage Discharge, Reference: Prenf19344, Version: 1, Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995), Positional Accuracy: Located by supplier to within 10m, Contact ref: 1	2	0-250m	W
Timothy Jeffery, 24 Cross Lane, West Mersea, Colchester, Essex, Co5 8hn, Sewage Discharge, Reference: Eprxp3921gk, Version: 1, Status: New issued under EPR 2010, Positional Accuracy: Located by supplier to within 10m, Contact ref: 1	3	0-250m	SW
Micahel S Martin, Cross Lane No.14 Cross Lane, West Mersea, Colchester, Essex, Co5 8hn, Sewage Discharge, Reference: Prenf19223, Version: 1, Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995), Positional Accuracy: Located by supplier to within 10m, Contact ref: 1	3	0-250m	SW
Francesca Jeffrey, Cross Lane No 24 West Mersea, Colchester, Essex, Essex, Co5 8hn, Sewage Discharge, Reference: Prenf16089, Version: 1, Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995), Positional Accuracy: Located by supplier to within 10m, Contact ref: 1	3	0-250m	SW

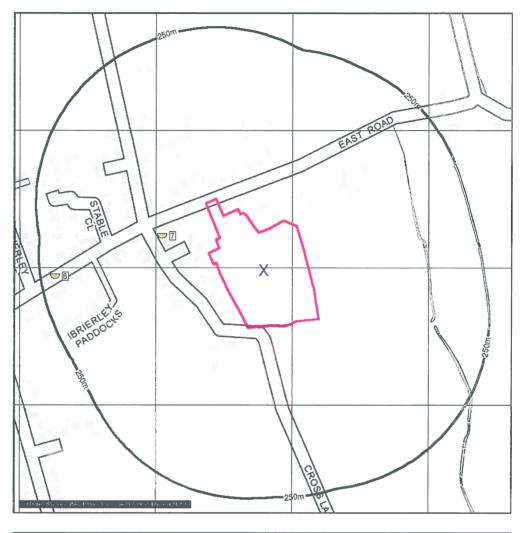
Contraventions Substantiated Pollution Incident Register	Ref No.	Search Buffer	Direction
Authority: Environment Agency - Anglian Region, Central Area, Incident Date: 5th November 2002, Incident Reference: 118843, Water Impact: Category 2 - Significant Incident, Air Impact: Category 3 - Minor Incident, Land Impact: Category 2 - Significant Incident, Positional Accuracy: Located by supplier to within 10m, Contact Ref: 1 Pollutant: Oils And Fuel: Kerosene And Aviation Fuel,	4	0-250m	SW

Potentially Contaminative Uses	Ref No.	Search Buffer	Direction
Contemporary Trade Directory Entries			
J E Spalding, 112, East Road, West Mersea, Colchester, CO5 8SA, Gunsmiths, Status: Inactive, Positional Accuracy: Automatically positioned to the address	5	0-250m	N

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Current Land Use

Contaminants			The said
Potentially Contaminative Uses	Ref No.	Search Buffer	Direction
Contemporary Trade Directory Entries			
Layer Products Ltd, 9, Stable Mews, West Mersea, Colchester, CO5 8HR, Blinds, Awnings & Canopies, Status. Inactive, Positional Accuracy. Automatically positioned to the address	6	0-250m	W





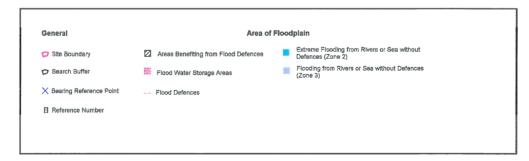
Historical Land Use

Contaminants			
Potentially Contaminative Uses	Ref No.	Search Buffer	Direction
Historical Tanks And Energy Facilities			
Electrical Sub Station Facilities, Scale of Mapping. 1:2,500, Date of Mapping: 1971	7	0-250m	W
Electrical Sub Station Facilities, Scale of Mapping: 1:2,500, Date of Mapping: 1971	8	0-250m	W

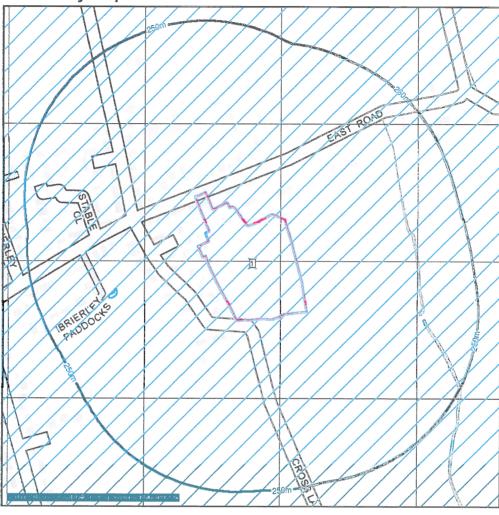
Map Details					
The following maps have been analysed for Historical Tanks and Energy	Facilities				
1:2,500	Mapsheet	Published			
Ordnance Survey Plan	TM0213	1961			
Ordnance Survey Plan	TM0213	1971			
The following maps have been analysed for Potentially Contaminative Uses and Potentially Infilled Land information					
1:10,000	Mapsheet	Published			
1:10,000 Ordnance Survey Plan		Published			
	Mapsheet TM01SW	Published			
Ordnance Survey Plan	Mapsheet TM01SW	Published			
Ordnance Survey Plan 1:10,560	Mapsheet TM01SW Mapsheet	Published 1979 Published			
Ordnance Survey Plan 1:10,560 Essex	Mapsheet TM01SW Mapsheet 047_00	Published 1979 Published 1880			
Ordnance Survey Plan 1:10,560 Essex Essex	Mapsheet TM01SW Mapsheet 047_00 047_NW	Published 1979 Published 1880 1898			

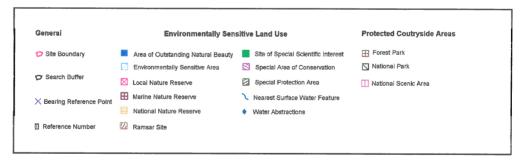






Sensitivity Map





Pathways and Receptors		Service Control	
Environmentally Sensitive Receptors	Ref No.	Search Buffer	Direction
Environmentally Sensitive Areas			
Essex Coast (decommissioned), Designation Date: 31st December 1994, Total Area: 16653030.43(m2), Contact Ref: 2	1	On Site	NW
Nearest Surface Water Feature			
Distance: 135m	-	0-250m	W

Other Factors		
Geological	Search Buffer	Direction
Brine Compensation Area		
No		-
Coal Mining Affected Areas		
In an area which may not be affected by Coal Mining	hr alki	
Non Coal Mining Areas of Great Britain	×	
No Hazard		
Radon Potential - Radon Affected Areas		
Affected Areas: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level)., Source: British Geological Survey, National Geoscience Information Service, Contact Ref: 3	On Site	NW
Radon Potential - Radon Protection Measures		
Radon Protection Measures: None, Source: British Geological Survey, National Geoscience Information Service, Contact Ref. 3	On Site	NW
Potential for Collapsible Ground Stability Hazards		
Hazard Potential: Very Low Contact Ref: 3	On Site	NW
Potential for Compressible Ground Stability Hazards		
Hazard Potential: No Hazard, Contact Ref: 3	On Site	NW
Potential for Ground Dissolution Stability Hazards		
Hazard Potential: No Hazard, Contact Ref: 3	On Site	NW
Potential for Landslide Ground Stability Hazards		
Hazard Potential: Very Low, Contact Ref: 3	On Site	NW
Potential for Running Sand Ground Stability Hazards		
Hazard Potential: Very Low Contact Ref: 3	On Site	NW
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
Hazard Potential: Moderate Contact Ref. 3	On Site	NW

Registered Landfill Sites

At present no complete national data set exists for landfill site boundaries, therefore a point grid reference, provided by the data supplier, is used for some landfill sites. In certain cases the point grid references supplied provide only an approximate position and can vary from the site entrance to the centre of the site. Where the exact position of the site is unclear, Landmark construct either a 100 metre or 250 metre "buffer" around the point to warn of the possible presence of landfill. The size of this "buffer" relates to the positional accuracy that can be attributed to the site. The "buffer" is shown on the map as an orange cross-hatched circle and is referred to in the map legend as Potential Landfill Buffer. Where actual boundaries are available, the landfill site area is shown on the map as a red diagonal hatched polygon and referred to in the map legend as Registered Landfill Site.

Local Authority Recorded Landfill Sites

Local Authority landfill data are sourced from individual local authorities that were able to provide information on sites operating prior to the introduction of the Control of Pollution Act (COPA) in 1974. Appropriate authorities are listed under Local Authority Landfill Coverage with an indication of whether or not they were able to make landfill data available. Details of any records identified are disclosed. You should be aware that if the local authority 'Had landfill data but passed it to the relevant environment agency' it does not necessarily mean that local authority landfill data is included in our other Landfill datasets. In addition if no data has been made available, for all or part of the search area, you should be aware that a negative response under 'Local Authority Recorded Landfill Sites' does not necessarily confirm that no local authority landfills exist.

Flooding

The Sitecheck report flood map plots all flood related features revealed within the search area as supplied by the relevant environment agency. However, to avoid confusion, the text entry in the body of the report only reveals the detail of the nearest feature in each flood data set. This is also reflected in the summary table where only a single entry is included to indicate the search buffer of the nearest occurrence.

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Contact Names and Addresses

1 Environment Agency National Customer Contact Centre (NCCC)

PO Box 544 Templeborough Rotherham S60 1BY Telephone 03708 506 506

enquiries@environment-agency.gov.uk

Please note that the Environment Agency/Natural Resources Wales/SEPA have a charging policy in place for enquiries.

2 Natural England

County Hall Spetchley Road Worcester WR5 2NP Telephone 0300 060 3900

enquiries@naturalengland.org.uk www.naturalengland.org.uk

3 British Geological Survey Enquiry Service

British Geological Survey Environmental Science Centre Keyworth Nottingham Nottinghamshire NG12 5GG Telephone 0115 936 3143 Fax 0115 936 3276

enquiries@bgs.ac.uk www.bgs.ac.uk

4 Colchester Borough Council Environmental Health Department

P O Box 889 Town Hall Colchester Essex CO1 1FL

Telephone 01206 282222 Fax 01206 282598

www.colchester.gov.uk

5 Essex County Council

County Hall Chelmsford Essex CM1 1YS Telephone 01245 492211

www.essexcc.gov.uk

Useful Contacts

Sitecheck Data

Other Contacts

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