

Planning Application Number: B&NES - FRMS

Applicant Name: Site KM1 - Somerdale / Cadburys

Site Information:

This site is in flood risk Zone 3a

Type of site: Brownfield

Size of site Area of site is greater than 2 Ha

Use of site: Industrial

Level of site: Varied

Groundwater: No information

GPZ: Site not in SPZ

Permeability: No information is available

Watercourse: Watercourse adjacent to site

Public sewer: Public sewer adjacent to site

Landfill: No landfill within or adjacent to the site

The following SUDS techniques are applicable for your site:

Infiltration SUDS:

This site has a potential risk from residual contamination from the previous developments. SUDS Infiltration techniques should be considered with caution and an assessment of contamination may be necessary. Refer to the CIRIA guidance document C697 for more information.

Infiltration techniques should take into account potential risk from contaminated runoff from the site

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Check soil capacity to accept the predicted site runoff. Consider alternative non-infiltration techniques

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Porous pavements:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach

Careful design with check dams may be required

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Filter trenches:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Swales/Grassed strips:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach

Careful design with check dams may be required

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Ponds/Wetlands:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach

Careful design with check dams may be required

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Disclaimer: These results are intended to give preliminary indications of which solutions might be applicable when considering embarking upon a SUDS scheme and should not be used as a substitute for a detailed feasibility study. Before proceeding with any SUDS scheme Atkins accepts no liability for any matters arising from the use of results generated by the SUDS checklist tool.

Planning Application Number: B&NES - FRMS

Applicant Name: Site KM3b - The Centre

Site Information:

This site is in flood risk Zone 1

Type of site: Brownfield

Size of site Area of site is between 0 to 2 Ha

Use of site: Mixed

Level of site: Slope is 0-5% (0-1:20 gradient)

Groundwater: No information

GPZ: Site not in SPZ

Permeability: No information is available

Watercourse: No watercourse

Public sewer: Public sewer adjacent to site

Landfill: No landfill within or adjacent to the site

The following SUDS techniques are applicable for your site:

Infiltration SUDS:

This site has a potential risk from residual contamination from the previous developments. SUDS Infiltration techniques should be considered with caution and an assessment of contamination may be necessary. Refer to the CIRIA guidance document C697 for more information.

Infiltration techniques should take into account potential risk from contaminated runoff from the site

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

Check soil capacity to accept the predicted site runoff. Consider alternative non-infiltration techniques

With no watercourse in the vicinity consider infiltration or connection to the public sewer

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Porous pavements:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

With no watercourse in the vicinity consider infiltration or connection to the public sewer

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Filter trenches:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
With no watercourse in the vicinity consider infiltration or connection to the public sewer
Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Swales/Grassed strips:

Potential limited space on site - consider underground SUDS storage options
Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
With no watercourse in the vicinity consider infiltration or connection to the public sewer
Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Ponds/Wetlands:

Potential limited space on site - consider underground SUDS storage options
Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
With no watercourse in the vicinity consider infiltration or connection to the public sewer
Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

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Planning Application Number: B&NES - FRMS

Applicant Name: Site KM8 - Riverside Park

Site Information:

This site is in flood risk Zone 3a

Type of site: Both

Size of site Area of site is between 0 to 2 Ha

Use of site: Mixed

Level of site: Slope is 0-5% (0-1:20 gradient)

Groundwater: No information

GPZ: Site not in SPZ

Permeability: No information is available

Watercourse: Watercourse adjacent to site

Public sewer: No public sewer

Landfill: No landfill within or adjacent to the site

The following SUDS techniques are applicable for your site:

Infiltration SUDS:

This site has a potential risk from residual contamination from the previous developments. SUDS Infiltration techniques should be considered with caution and an assessment of contamination may be necessary. Refer to the CIRIA guidance document C697 for more information.

Infiltration techniques should take into account potential risk from contaminated runoff from the site

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Check soil capacity to accept the predicted site runoff. Consider alternative non-infiltration techniques

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Consider infiltration or discharge to the watercourse

Porous pavements:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Consider infiltration or discharge to the watercourse

Filter trenches:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Consider infiltration or discharge to the watercourse

Swales/Grassed strips:

Potential limited space on site - consider underground SUDS storage options
Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Consider infiltration or discharge to the watercourse

Ponds/Wetlands:

Potential limited space on site - consider underground SUDS storage options
Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Development should not be permitted. If the type of development is classified as 'Essential Infrastructure' or 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Consider infiltration or discharge to the watercourse

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Planning Application Number: B&NES - FRMS

Applicant Name: Site KM9 - Keynsham Paper Mill

Site Information:

This site is in flood risk Zone 2

Type of site: Brownfield

Size of site Area of site is between 0 to 2 Ha

Use of site: Industrial

Level of site: Slope is 0-5% (0-1:20 gradient)

Groundwater: No information

GPZ: Site not in SPZ

Permeability: No information is available

Watercourse: Watercourse adjacent to site

Public sewer: No public sewer

Landfill: Partly landfill site within or adjacent

The following SUDS techniques are applicable for your site:

Infiltration SUDS:

This site has a potential risk from residual contamination from the previous developments. SUDS Infiltration techniques should be considered with caution and an assessment of contamination may be necessary. Refer to the CIRIA guidance document C697 for more information.

Infiltration techniques should take into account potential risk from contaminated runoff from the site

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Check soil capacity to accept the predicted site runoff. Consider alternative non-infiltration techniques

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Consider infiltration or discharge to the watercourse

Consider infiltration on uncontaminated part of the site

Porous pavements:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Consider infiltration or discharge to the watercourse

Consider SUDS on uncontaminated parts of the site

Filter trenches:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Consider infiltration or discharge to the watercourse
Consider SUDS on uncontaminated parts of the site

Swales/Grassed strips:

Potential limited space on site - consider underground SUDS storage options
Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Consider infiltration or discharge to the watercourse
Consider SUDS on uncontaminated parts of the site

Ponds/Wetlands:

Potential limited space on site - consider underground SUDS storage options
Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Consider infiltration or discharge to the watercourse
Consider SUDS on uncontaminated parts of the site

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Planning Application Number: B&NES - FRMS

Applicant Name: Site KM11 - Broadmead Land

Site Information:

This site is in flood risk Zone 2

Type of site: Brownfield

Size of site Area of site is between 0 to 2 Ha

Use of site: Industrial

Level of site: Varied

Groundwater: No information

GPZ: Site not in SPZ

Permeability: No information is available

Watercourse: Watercourse adjacent to site

Public sewer: Public sewer adjacent to site

Landfill: Landfill site within or adjacent

The following SUDS techniques are applicable for your site:

Infiltration SUDS:

This site has a potential risk from residual contamination from the previous developments. SUDS Infiltration techniques should be considered with caution and an assessment of contamination may be necessary. Refer to the CIRIA guidance document C697 for more information.

Infiltration techniques should take into account potential risk from contaminated runoff from the site

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Check soil capacity to accept the predicted site runoff. Consider alternative non-infiltration techniques

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Due to the potential cross contamination, risks consider non-infiltration SUDS techniques

Porous pavements:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach

Careful design with check dams may be required

For approximate groundwater levels contact met office at: www.metoffice.gov.uk

If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)

Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse

Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer

Careful design of the proposed SUDS elements required to avoid cross contamination of the runoff

Filter trenches:

Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer
Careful design of the proposed SUDS elements required to avoid cross contamination of the runoff

Swales/Grassed strips:

Potential limited space on site - consider underground SUDS storage options
Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
Careful design with check dams may be required
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer
Careful design of the proposed SUDS elements required to avoid cross contamination of the runoff

Ponds/Wetlands:

Potential limited space on site - consider underground SUDS storage options
Potential pollution risk from the site - consult CIRIA 697 guidance for treatment train approach
Careful design with check dams may be required
For approximate groundwater levels contact met office at: www.metoffice.gov.uk
If the type of development is classified as 'Highly Vulnerable' then the Exception test needs to be carried out. For all other classifications of development there is no need to consider flood risk any further (further details in PPS25 planning document at www.communities.gov.uk)
Firstly consider infiltration to the ground before contacting the EA to agree discharge to the watercourse
Fistly consider infiltration or connection to the watercourse before contacting the sewerage undertaker to agree discharge to the public sewer
Careful design of the proposed SUDS elements required to avoid cross contamination of the runoff

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