Pevensey Bay area
Flood Plan

A Part 2 Site Specific
Response Plan for:-

Pevensey Bay,
Normans Bay
and parts of
Cooden,
Pevensey,
Westham,
Langney and
Eastbourne

Version 4 - 2014
# Pevensey Bay area Flood Plan

This is the 2014 version. It replaces the 2009 version. It does not contain any sensitive information.

| Title | Pevensey Bay Flood Plan - 2014  
(Sussex Resilience Forum Multi-agency Flood Plan - Part 2) |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Version Number</td>
<td>4.0 – Final</td>
</tr>
<tr>
<td>Plan Author</td>
<td>Jim Foster – East Sussex Resilience and Emergencies Partnership</td>
</tr>
</tbody>
</table>
| Primary Reviewers | Sussex Police  
South East Coast Ambulance NHS Foundation Trust  
East Sussex Fire & Rescue  
Environment Agency  
East Sussex County Council  
Wealden District Council  
Eastbourne Borough Council  
Rother District Council  
NHS  
Pevensey Coastal Defence Limited |
| Distribution Details | All Primary Reviewers listed above  
East Sussex County Council Website  
Maritime & Coastguard Agency  
Sussex Health Protection Agency  
UK Power Networks (formerly EDF Energy)  
Southern Gas Networks  
Southern Water  
Southeast Water  
Network Rail (Sussex)  
RNLI  
St. John Ambulance  
British Red Cross Society  
Radio Amateurs Network (Raynet)  
Women's Royal Voluntary Service  
Pevensey Bay Parish Council  
Westham Parish Council  
Normans Bay Residents Association  
Sovereign Harbour Residents Association |
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SECTION 1 – GENERAL INFORMATION

Introduction

1.1 This Plan must be read in conjunction with the Sussex Resilience Forum Multi-Agency Flood Plan Part 1: Generic Procedures. The Part 1 provides generic information for responding and managing a flood incident in Sussex.

This Part 2 plan includes detailed information specific to the communities in the Pevensey Bay area (including Pevensey Bay, Normans Bay and parts of Cooden, Pevensey, Westham, Langney and Eastbourne) which could be subject to flooding from the inland drainage system and/or coastal flooding from the sea.

1.2 The Environment Agency (EA) will circulate warnings of possible flooding to emergency services, local authorities and the general public. The definitions of flood warnings are listed in the table below.

<table>
<thead>
<tr>
<th>FLOOD ALERT</th>
<th>FLOOD WARNING</th>
<th>SEVERE FLOOD WARNING</th>
<th>Warning no longer in force</th>
</tr>
</thead>
<tbody>
<tr>
<td>What it means</td>
<td>What it means</td>
<td>What it means</td>
<td>What it means</td>
</tr>
<tr>
<td>Flooding is possible. Be prepared.</td>
<td>Flooding is expected. Immediate action required.</td>
<td>Severe flooding. Danger to life.</td>
<td>No further flooding is currently expected for your area.</td>
</tr>
<tr>
<td>When it’s used</td>
<td>When it’s used</td>
<td>When it’s used</td>
<td>When it’s used</td>
</tr>
<tr>
<td>2 hours to 2 days in advance of flooding.</td>
<td>Half an hour to 1 day in advance of flooding.</td>
<td>When flooding poses a significant threat to life.</td>
<td>When river or sea conditions begin to return to normal.</td>
</tr>
</tbody>
</table>

What to do

- Be prepared to act on your flood plan.
- Prepare a flood kit of essential items.
- Monitor local water levels and the flood forecast on EA’s website.
- Call Floodline on 0845 988 1188 for up-to-date information.

What to do

- Move family, pets and valuables to a safe place.
- Turn off gas, electricity and water supplies if safe to do so.
- Put flood protection equipment in place.
- Protect yourself and help others.

What to do

- Stay in a safe place with a means of escape.
- Be ready should you need to evacuate from your home.
- Co-operate with the emergency services.
- Call 999 if you are in immediate danger.

What to do

- Be careful. Flood water may still be around for several days.
- If you’ve been flooded, ring your insurance company as soon as possible.
1.3 **Environment Agency Floodline.**

The Environment Agency Floodline service provides up-dated recorded information on local flood warnings for the Pevensey Bay area as follows:

a) Call **Floodline** on **0845 988 1188**
b) Listen to the recorded message then **Press 1**
c) Enter the appropriate Quickdial number:

<table>
<thead>
<tr>
<th>Flood Warning Area</th>
<th>Quickdial</th>
<th>Ref Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastbourne Sea Front</td>
<td>01241121</td>
<td>(065FWC3401)</td>
</tr>
<tr>
<td>Eastbourne Town</td>
<td>01241123</td>
<td>(065FWC3402)</td>
</tr>
<tr>
<td>Pevensey Sea Front</td>
<td>01241122</td>
<td>(065FWC3501)</td>
</tr>
<tr>
<td>Pevensey Levels</td>
<td>01241124</td>
<td>(065FWC3502)</td>
</tr>
<tr>
<td>Willingdon Eastbourne + Langney Levels</td>
<td>012441</td>
<td>(065FWF1301)</td>
</tr>
<tr>
<td>Langney Haven at Eastbourne</td>
<td>012442</td>
<td>(065FWF1302)</td>
</tr>
</tbody>
</table>

1.4 **Ownership and Review**

This is a multi-agency plan with input from a number of key organisations and with the review / updating being led by East Sussex County Council. It will be reviewed every three years.

This plan will also be reviewed if any of the following criteria is met:

- After significant flood event;
- Lessons identified from a flooding exercise;
- Changes to the level of flood risk to the area covered by this plan;
- Changes to the Environment Agency’s flood warning service that impact on this plan;
- Restructuring or significant changes to key responding organisations; and
- Changes in Legislation or Government guidance

1.5 **Aims**

This plan provides a framework for the co-ordinated inter-agency response to flooding or the threat of flooding in **Pevensey Bay area**.

1.6 **Objectives**

The objectives of this plan are to:

- To identify activation triggers for responding to flood warnings.
- To set out the actions to be taken on receipt of flood warnings.
- To set out the process for a coordinated response.
- To identify procedures for warning and informing the public.
- To provide information to support an evacuation.

1.7 **Scope**

This plan provides a multi-agency framework to combine the activation and response to river and/or coastal flooding emergency in the Pevensey Bay area. Each responding organisation will have their own specific contingency plans for deploying and coordinating their own resources.

It does not specifically cover surface water flooding for which forecasting is far less predictable and which is likely to be short lived. However, the procedures
Pevensy Bay area Flood Plan

outlined within this Plan could be used as guidance in a surface water flooding scenario depending on the circumstances.

The plan does not cover long term recovery.

1.8 Coastal Flooding
Coastal flooding may result from either ‘breaching’ or ‘overtopping’ of sea defences, and it is useful to recognize the difference.

a. Breaching. A breach of the defences will generally result from damage to some part of the flood defence, resulting in the lowering of the top level of the defence, allowing possible large amounts of water to flow through.

b. Overtopping. Water flowing, wave breaking or wind-blown spray travelling over the defences. This will probably not result in serious damage to sea defences themselves. During periods of high water levels, extreme wave action or wind-blown spray, moderate amounts of water can pass over the defences. The resulting damage will depend on the drainage available behind the defences.
SECTION 2 – THE RISK OF FLOODING

History
2.1 There are no recent records of extensive flooding of dwellings in the area covered by this Plan. A summary of the history of flooding in this area is included in Appendix E.

Flood Risk Assessment
2.2 The likelihood of flooding in Pevensey Bay (and surrounding areas) is considered to be relatively low (but should flooding occur it has the potential to affect large areas and numbers of people and property). Both the river network and coastal frontages are heavily managed. The inland fluvial flood risk is managed by controlling river levels by a network of water level control structures and engineered defences, whilst the coastal risk is primarily managed by maintaining the shingle beach with shingle re-nourishment and recycling activities. These defences reduce the likelihood of flooding for most frequent /smaller flooding events, but a flood risk still remains; for example, should a structure fail, or an extreme weather event occur. The Flood Risk Assessment for the area is included in Appendix E.

Flood Warning Areas and associated risks
2.3 The Environment Agency has identified two Flood Warning areas:
   a) Pevensey Sea Front (Sovereign Harbour to west Cooden)
      This thin coastal strip is shown coloured in the map (Appendix C).
   b) Pevensey Levels (Sectors A – R in Maps in Appendix C)
      This is the low lying ground behind the sea defences.

2.4 The Environment Agency identifies 5 flooding risks across the Pevensey Bay area:
   2.4.1 Direct flooding from the sea - Pevensey Sea Front (Sovereign Harbour to west Cooden)
      This is a specific Flood Warning area identified by the Environment Agency for possible flooding from sea and spray of properties close to the beach. Very significant protection is provided by the shingle banks which are constantly maintained by the EA’s contractor, Pevensey Coastal Defence Ltd. These shingle bank defences vary in width and are constantly affected by the natural processes of draw-down and replenishment caused by the tides. In the event of a Flood Warning being issued for this area, there would be a Multi-agency response which would include an assessment of the defences to identify any areas at risk from overtopping or flooding. A course of action would be agreed which could include remedial action (shingle movement during low tide) or, in an extreme event, evacuation if any properties are at risk.
      The Flood Warning area is shaded a sandy colour in the maps in Appendix C.
2.4.2 Breach of the shingle defences with inundation from the sea (Flood Sectors A to R on the map in Appendix A)
This scenario is considered to be low likelihood as the defences are maintained to protect against a 1 in 400 event. However, if it did occur then flooding could be over a significant area behind the defences. It is not possible to predict where such a breach might occur since so much would depend upon the tide, wind and surge conditions at the time. In an extreme event, it is also likely that breach, or near breach conditions, may exist in more than one location.
It is recognised, however, that it is unlikely that a breach would be the result of a single storm tide but rather the result of a series of tides degrading the beach before eventually breaking through. This will give time for:
(i) Remedial action during low tide (shingle movement) to try to prevent the breach;
(ii) Organising a possible evacuation in those areas which can then be identified as being most at risk.
To assist with this process, the Pevensey Bay area is divided into a total of 17 sectors identified ‘A’ to ‘R’ which are shown in the Flood Plan map. Tables in Appendix C – The Flood Sector Tables identify the area covered by each of the 17 Sectors, the approximate population, evacuation details and other information.

2.4.3 Flooding from the inland waterways / drainage system
This scenario is also considered to be low likelihood.
(Note: In the record-breaking wet period Dec 2013 – Feb 2014, no property flooding from this source was recorded.)
However, if widespread flooding were to occur then the Flood Sector Tables in Appendix C would be used to assist in prioritizing the response.

2.4.4 Flooding from Surface Water
Forecasting of surface water flooding is far less predictable than flooding from river or sea. However, an assessment of the risk over the Pevensey Bay area has shown that there is a very low likelihood of widespread surface water flooding to properties.

2.4.5 Sovereign Harbour Lock Gates
The owners of Sovereign Harbour, Premier Marinas Limited, confirm that the Harbour needs a daily ‘top up’ which requires both lock gates to be open. The owners advise that safety systems are in place to prevent any threat of flooding during this operation. These include:
a) The topping up is undertaken during a dropping tide.
b) It is only undertaken by a qualified lock keeper and passwords are required.
c) During this top up the software will issue 30 second reminders to the lock keeper. If this warning is not acknowledged, the gates will auto close.
d) In addition, should the inner harbour level reach its prescribed maximum the gates will auto-close.
e) If excessive high tides are predicted, the Harbour would not be topped up at all.
SECTION 3 - PLAN ACTIVATION

3.1 This plan will be triggered and activated in response to a Flood Warning and Severe Flood Warning for the Pevensey Bay area (Sovereign Harbour to west Cooden). However in most circumstances a Flood Alert will be issued in the build up to a Flood Warning and therefore it is included below.

**Key Note:** Where possible an advance notification of a flood warning may be given by the EA in a telephone call from the Flood Warning Duty Officer to the East Sussex Resilience and Emergencies Partnership Duty Officer or at a SRF severe weather teleconference.

3.2 **Action on receipt of EA Flood Warnings**

Upon receipt of flood warnings described below the following action should be taken

3.3 **FLOOD ALERT** *means* Flooding is possible. Be prepared

Diagram 1: *Initial multi-agency action on receipt of a Flood Alert*

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All Partner Agencies

Locate and familiarise themselves with this Plan

Consider raising awareness among appropriate personnel to be prepared for the possibility of Flood Alert being up-graded to a Flood Warning.
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Note: Severe weather conditions may give rise to a SRF (multi-agency) teleconference when Flood Alerts are in place and likely developments of the flooding situation may be discussed with the Environment Agency.
3.4 **FLOOD WARNING** means Flooding is expected. Immediate action required.

Diagram 2: Initial multi-agency action on for a Flood Warning and decision to hold a meeting / teleconference

- Environment Agency (EA) inform SRF Partners that it is or will be issuing a Flood Warning Flood Warning for the Pevensey Bay area

Sussex Police Force Command and Control will be informed and will notify the Force GOLD or SILVER Commander as necessary and contact the Duty Emergency Planner who will then immediately discuss the need for a multi-agency meeting with the following partners:
  (See SRF Contact Directory for Police Duty Officer numbers)

- Environment Agency Flood Warning Duty Officer on (See SRF Contact Directory)

- ESCC Emergency Planning Duty Officer on 01323 747090 / Lifeline 01323 644422 (OOH)

**Is a multi-agency meeting or teleconference required?** *

- **YES**
  - Police Silver appoints an Officer to chair multi-agency meeting.
  - Police / EA / LA agree time for initial meeting at Environment Agency Depot, Coast Road, Pevensey Bay or teleconference
  - Notify partner agencies (see page 9)

- **NO**
  - Notify partner agencies (see page 9)
  - Note: If NO meeting is required all partners must remain alert to the possibility that circumstances may change and require the decision to be reviewed.

**Important:**
Each partner agency must be represented by an officer with the authority to make decisions on its behalf.

* Considerations should include EA advice, likely duration and extent of flooding event, potential impact of further forecast weather, risk to people and key sites, resource requirements. The Police will log the reasons for the decision to hold a meeting or not.
3.5 SEVERE FLOOD WARNING means Severe flooding. Danger to life.

Diagram 3: Action for a Severe Flood Warning

Multi-agency meeting will be held

Environment Agency (EA) inform SRF Partners that it is or will be issuing a Severe Flood Warning for the Pevensey Bay area

A multi-agency meeting / teleconference is required

Sussex Police Force Command & Control will be informed and will notify the Force GOLD or SILVER Commander as necessary and contact the Duty Emergency Planner and An Officer will be appointed to Chair the multi-agency meeting / teleconference

Police / EA / LA agree time for initial meeting at Environment Agency Depot, Coast Road, Pevensey Bay or teleconference

Notify partner agencies (see page )

Important:
Each partner agency must be represented by an officer with the authority to make decisions on its behalf.

3.6 Flood Warning No Longer in Force
This is issued by the Environment Agency when the threat of flooding has fallen below their trigger levels, however where flooding has actually occurred recovery work for the affected communities will still be happening.
Partner Notification Process.

Note: The Sussex Resilience Forum Contacts Directory is regularly updated for use by Members and contains some private contact numbers for use in emergencies.

<table>
<thead>
<tr>
<th>Informing Organisation</th>
<th>Recipient</th>
<th>Contact Nº</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sussex Police</strong></td>
<td>ESCC East Sussex Resilience &amp; Emergencies Partnership</td>
<td>See SRF Contacts Directory</td>
</tr>
<tr>
<td></td>
<td>Environment Agency Sussex Flood Warning Duty Officer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ES Fire &amp; Rescue Service</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SE Coast Ambulance Trust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duty Command Team Officer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maritime &amp; Coastguard Agency, Solent</td>
<td></td>
</tr>
<tr>
<td></td>
<td>British Transport Police</td>
<td></td>
</tr>
<tr>
<td><strong>Environment Agency</strong></td>
<td>Pevensey Coastal Defence Limited</td>
<td>01323 761202 07884 234298</td>
</tr>
<tr>
<td><strong>South East Coast Ambulance NHS Foundation Trust</strong></td>
<td>NHS England</td>
<td>See SRF Contacts Directory</td>
</tr>
<tr>
<td></td>
<td>Hospitals</td>
<td>Via NHS England</td>
</tr>
<tr>
<td><strong>Maritime &amp; Coastguard Agency</strong></td>
<td>RNLI, Poole</td>
<td>Via MCA</td>
</tr>
<tr>
<td></td>
<td>Sovereign Harbour</td>
<td>01323 470099</td>
</tr>
<tr>
<td><strong>East Sussex County Council / East Sussex Resilience &amp; Emergencies Partnership</strong></td>
<td>Wealden District Council</td>
<td>See SRF Contacts Directory</td>
</tr>
<tr>
<td></td>
<td>Eastbourne Borough Council</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rother District Council</td>
<td></td>
</tr>
<tr>
<td></td>
<td>UK Power Networks (formerly EDF Energy)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Southern Water</td>
<td></td>
</tr>
<tr>
<td></td>
<td>South East Water</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Southern Gas Network</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RAYNET</td>
<td></td>
</tr>
<tr>
<td><strong>Wealden District Council</strong></td>
<td>Pevensey Parish Council</td>
<td>01323 483255</td>
</tr>
<tr>
<td></td>
<td>Westham Parish Council</td>
<td>01323 461299</td>
</tr>
<tr>
<td><strong>Rother District Council</strong></td>
<td>Normans Bay Residents Association</td>
<td>Private number</td>
</tr>
<tr>
<td><strong>Eastbourne B C</strong></td>
<td>Sovereign Harbour Res A</td>
<td>07770 621368</td>
</tr>
</tbody>
</table>
SECTION 4 – COORDINATION OF RESPONSE

Key Note:
The personal safety of the staff from all responding agencies and the public is paramount. All agencies must ensure that their own staff are fully briefed on any potential dangers and have the appropriate personal protective equipment to carry out their tasks. Similarly, each responding agency is responsible for the welfare of its personnel. Early consideration must be given to the arranging of rest breaks and refreshments for staff and volunteers throughout the incident. Representatives and staff from partner agencies who may be arriving from outside the area should be provided with information about the Eastbourne and Pevensey Bay area and local facilities.

Initial Inter-agency Response Meeting
4.1 Sussex Police will coordinate the response and the nominated Officer will arrange and chair the initial meeting as detailed in Diagrams 2 and 3 in Section 3.

4.2 A meeting agenda and list of recommended attendees can be found in Appendix A. Wherever practicable a loggist from the Police or local authority should be used to record decisions taken and the reasons. Each organisation must be responsible for keeping its own records during an incident.

Teleconferencing
4.3 Depending on the circumstances, it may be decided that the first tactical 'meeting' may be via teleconference. This will be decided in the initial discussions between the Police, Environment Agency and East Sussex Resilience and Emergencies Partnership. Details of the teleconferencing facility will be circulated to partners if required.

Tactical Command (Silver)
4.4 The response to the threat of flooding or actual flooding will be coordinated by a Tactical Coordinating Group (TCG) in accordance with the Joint Emergency Services Interoperability Principles (JESIP) at a Tactical Coordinating Centre (TCC) which will be at a venue agreed between the Police and District Council taking account of the views of other partners where possible.

Tactical Coordinating Centre
4.5 The following locations have been identified as suitable for a Tactical Coordinating Centre (decision to be made during teleconference):

Fire Station, Lyons Close, Pevensey, BN24 5LA TQ64800490
East Sussex CC offices, St Mary’s House St Leonard’s Road, Eastbourne, BN21 3UU TV61189954
Hammonds Drive Police Station, BN23 6PW TQ62120121

KEY NOTE: Where multiple TCGs are required to manage flooding across Sussex a Tactical Advisory Group (TAG) will be activated at Police Headquarters, Lewes. The TAG will maintain an overview of impacts across Sussex.
A **Strategic Coordinating Group** (SCG) comprising senior strategic representatives of the emergency services, local authority and such other partners as required may be convened at Police Headquarters should the scale of the incident require that level of response.
SECTION 5 – ROLES AND RESPONSIBILITIES

Role & Responsibilities
5.1 The roles and responsibilities of the various organisations are set out in Section 5 of Part 1 of this Multi-agency Flood Plan. In particular that section identifies the roles of:

- Environment Agency,
- Sussex Police,
- East and West Sussex Fire and Rescue Services,
- Local Authorities,
- Public Heath England,
- NHS (including South East Coast Ambulance NHS Foundation Trust)
- Met Office,
- Sussex Resilience Forum Secretariat,
- All Category 2 Responders,
- Water Companies,
- Public,
- Voluntary Organisations.

Actions by individual organisations - Own Agency Response
5.2 Each partner agency has its own procedures to follow and actions to take and is responsible for its own internal response arrangements. Use Appendix H for own organisation’s procedures and actions.

Pevensey Coastal Defence Ltd
5.3 The Environment Agency has entered into a long term contract with Pevensey Coastal Defence Ltd. This contract provides for the maintenance of the shingle beach sea defence of Pevensey Sea Front (from Sovereign Harbour to West Cooden). Works are ongoing throughout the year and include beach recycling, profiling and recharging. Depending on the circumstances, the Company can react to the draw-down of shingle following a storm using bulldozers to ‘re-profile’ the beach. This includes pushing shingle from where it has been deposited in the lower beach back up to the upper beach. These ‘remedial’ works can help reduce the risk of a breach of the sea defences. Working patterns are dependent on the tide and can usually only be carried out during the three hours either side of low tide.
SECTION 6 – COMMUNICATIONS

Key Public Information
6.1 Media statements and information leaflets should provide information on:-

- Flood warnings and their likely impact, areas most affected etc.
- Action to be taken i.e. to evacuate or remain, damage limitation etc.
- Exit routes, assembly points, rest centres etc.
- Advice regarding pets, whether to bring pet food etc.
- Where more detailed information can be obtained e.g. Floodline (0845 988 1188), named radio stations (e.g. Sovereign Radio) etc.
- Any additional advice provided by the Environment Agency.

Warning Methods
6.2 Flood warnings are disseminated by a number of methods including:

- EA Floodline Warnings Direct (FWD) – by telephone, mobile, pager and fax.
- **EA Extended Direct Warnings Service** (This service sends an automated Flood Warning message to all properties with landlines within the flood warning area (i.e. Flood Warnings and Severe Flood Warnings) (except those already registered with the FWD system and those that have ‘opted out’)
- EA Floodline - **0845 988 1188**
- Website (www.environment-agency.gov.uk/floodwarning).
- Flood Guidance Statements
- Met Office weather forecasts and emails
- Television

**Pevensey Bay area Specific Warning Methods**
6.3 Within the Pevensey Bay area warnings can be further circulated

- Local Radio
- Parish networks
- Vehicle mounted PA system.
- Personal visits to premises when evacuation is proposed.
- Community contacts
- Leafleting (see below)

Media
6.4 Media coordination will be undertaken in accordance with the Information and Media Strategy contained within the ‘Sussex Emergency Response and Recovery (SERR)’ document. The police will lead and each agency should identify their media representative and notify details to the police communications team.

If a Strategic Coordinating Group (SCG) is sitting a 'Gold' Information Group may coordinate media relations and communications to the public.
Community Schemes
6.5 Consideration should be given to using existing networks within the community such as Neighbourhood watch.

Websites
6.6 Use should be made of appropriate websites, in particular:-
- Environment Agency (www.environment-agency.gov.uk)
- Met Office (http://www.metoffice.gov.uk/weather/uk/se/se_forecast_weather.html)
- Sussex Police (http://www.sussex.police.uk/)
- East Sussex County Council (www.eastsussex.gov.uk)
- Wealden District Council (www.wealden.gov.uk)
- Eastbourne Borough Council (http://www.eastbourne.gov.uk/)
- Rother District Council (http://www.rother.gov.uk/)
- Highways Agency (http://www.highways.gov.uk/traffic/forecast.aspx)
- Pevensey Parish Council (http://www.pevenseyparishcouncil.gov.uk/)
- Westham Parish Council (http://www.westhamparishcouncil.co.uk/)
- Sovereign Radio (http://www.sovereignfm.com/)

RAYNET
6.7 RAYNET may be able to provide staff to facilitate communications between house visiting teams, evacuation buses and nominated rest centres.
SECTION 7 - EVACUATION

Introduction

7.1 Evacuation will be discussed at the first multi-agency meeting. If not considered immediately necessary it will need to be regularly reviewed thereafter.

7.2 Types of Evacuees.

Self evacuees - those making their own transport and accommodation arrangements. Self evacuation should be encouraged to enable emergency services to concentrate on the vulnerable and those needing help.

Vulnerable - Details of infirm, disabled and other vulnerable persons will be collated by Sussex Police and Social Services through the Evacuation Control Post. They will be responsible for notifying the Ambulance Service for individual assessment and specialised transport requirements wherever necessary. (See also Section 8 – Vulnerable People.)

[Note - In the interest of patient safety, data protection can be overridden although details of patient medical condition would not be shared unless it could be demonstrated that it was in the best interest of the patient]

Requiring Transport – able bodied - emergency transport will be provided though Wealden District, Rother District and Eastbourne Borough Councils activating their emergency transport plans, in conjunction with ESCC (where appropriate), to co-ordinate the transfer of evacuees to designated rest centre(s).

7.3 Evacuation Process

7.3.1 Flood Risk Sectors – Flood Risk Sector Tables can be found in Appendix C, which provide details of numbers of residence, transport requirement, Rendezvous Points (RVP), evacuation routes, pick-up points and any special considerations to be taken into account prior to evacuating sectors.

7.3.2 Identifying Properties at Highest Risk of Flooding

In the event of a Flood Warning being issued for this area, there would be a Multi-agency response which would include an assessment of the defences to identify any areas at risk from overtopping or flooding. A course of action would be agreed which could include warning arrangements to occupants of those properties at highest risk, remedial action to bolster defences (e.g. shingle movement during low tide) or, in an extreme event, evacuation if any properties are at risk.

The Flood Warning areas are identified in the maps in Appendix C.

7.3.3 Rendezvous Points (RVP) / Marshalling Areas (MA)

The following locations may be suitable options for an RVP / MA for emergency services to assemble if necessary for deployment:

Cooden Drive, Cooden. GR71020651
Wallsend Rd. Pevensey GR65300451
Evacuation Control Posts (ECP)

7.4 The locations of the Evacuation Control Post will be decided based on the areas to be evacuated.

7.5 Evacuation Co-ordination.

The Police will appoint one or more operational (or ‘Bronze’) Commander(s) to co-ordinate evacuation based at the Evacuation Control Post(s). They will:-

• assist in identifying and prioritising those people most at risk, particularly the vulnerable (see Section 8 below),
• ensure effective security of evacuated areas
• advise on compliance with any traffic management scheme in force

It should be staffed by representatives from:
• Sussex Police
• South East Coast Ambulance Service
• East Sussex Fire & Rescue Service
• ESCC Adult Social Care / Children Services
• EBC, RDC, WDC Housing Departments
• East Sussex Hospital Trust / Clinical Commissioning Group

Sample Evacuation Advice forms and Evacuation of Premises Record forms are given in Appendix G.

7.6 Leafleting

In the event of an evacuation, the leaflet in Appendix G will be handed out to houses visited.

Early consideration must be given to producing an on-going multi-agency leaflet or bulletin containing advice on help immediately available, useful tips on how to minimize the impact of flooding, health guidance etc. ¹.

Local councillors from the borough / districts and parishes may wish to assist in delivering them house-to-house together with such other staff/volunteers as may be available.

Deliveries can be phased out slowly, but in the early stages they are an important source of information and reassurance.

7.7 Traffic Management

Traffic management arrangements will be put in place by the Police dependent of the extent of the anticipated flooding.

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¹ Flooding may run into drainage systems, resulting in sewage entering buildings and causing potential for health problems. Damaged and rotting foodstuffs (in freezers for example) may be a particular risk. District Environmental Health Officers, working in consultation with Public Health Consultants, will need to make site visits and circulate information/advice to minimize and eliminate the risks.
Rest Centres

7.8 Wealden District, Rother District and Eastbourne Borough Councils will activate their rest centre plans.

The rest centres chosen will depend on the extent of the anticipated flooding and be agreed by the authorities. Possible rest centres are:

- Eastbourne: Sovereign Centre or Winter Gardens
- Hailsham: Civic Community Hall / Leisure Centre
- Bexhill: Bexhill Leisure Centre

7.9 Local Health Services - Alerting arrangements in East Sussex

See the SRF Contacts Directory for arrangements to alert community health services of a request for a response to assist at a Rest Centre or similar establishment.

Once through to the Trust switchboard, the caller will need to identify themselves, the authority from which they are calling and use the advisory term: ‘THIS IS A CIVIL EMERGENCY’

[It is most important that this is included to avoid a full major incident response being initiated in hospitals that may be unaffected by the incident.]

The call will be transferred to either the Chief Operating Officer (Deputy Chief Executive) or their Deputy during normal working hours or to the On Call Director out of hours. They will be responsible for deploying staff, so will need to know:-

- Type of incident causing the evacuation
  - Location of Centre(s) with any specific road access details
  - Expected number of evacuees at each Centre
  - Any known vulnerable evacuees e.g. Care Home or Sheltered Housing being evacuated.
  - Contact number to call back for further information or in case of other difficulty.

The Trust will provide staff to care for those with chronic conditions who would be supported in their own homes but who have now been evacuated, and to assist with other health related matters. The Trust will also inform the Surrey & Sussex Area Team and East Sussex CCGs on call director

It remains the role of the NHS Ambulance Service to provide acute care services in the form of First Aid / First Response to evacuees

Emergency Transport

7.10 East Sussex County Council will arrange the provision of emergency transport in conjunction with Wealden District, Rother District and Eastbourne Borough Councils to facilitate the transfer of evacuees to designated rest centre(s) which will be co-ordinated by the Police Bronze commander in the Evacuation Control Post.
Where possible a local authority representative should travel on each bus with a means of communication to the Evacuation Control Post (ECP), the Emergency Control Centre’s and rest centre(s). A mobile phone may suffice, or Raynet may be able to assist.

School Evacuation

7.11 There are a number of primary schools within the Pevensey Bay flood plan area – these are identified in the Sector Tables in Appendix C. The schools may need to consider early action to ensure pupils get home safely before flooding occurred.

The East Sussex Resilience and Emergencies Partnership will be responsible for ensuring that the County Council’s Children Services are informed of issues relating to schools. Schools have been advised to make plans identifying the appropriate action to take.

Refusal to evacuate

7.12 Residents should be encouraged to leave as early as possible. However, it is quite common that some householders decline to leave their premises (for example some senior citizens and some householders with pets. It should be pointed out to these residents that if the situation worsens they may want to change their minds in which circumstances they may be putting themselves and others at risk especially in cases where they need assistance from one of the emergency services. However, it should be borne in mind that the decision to evacuate is a matter of choice for the resident.

Animals

7.13 Domestic animals are often a problem in cases of evacuation: people will often refuse to leave home without them, but their presence at a Rest Centre may be uncomfortable and potentially disruptive.

The final decision will need to be made by a senior manager, but it is likely that evacuees will be allowed to bring small domestic pets, e.g. dogs, cats, caged birds and rodents etc., but not larger or more exotic animals such as snakes.

The Rest Centre Plan provides some advice.

Record Keeping

7.14 Police officers / local authority staff and others engaged in notifying residents of the evacuation should keep a record on the evacuation form of:

- The households visited,
- Those who require assistance
- Those who self evacuate and where to (note: monitoring of self-evacuees may not be practical in all circumstances).
- Households who decline to leave.
Commercial Concerns

7.15 Businesses in the area are likely to be very keen to protect or move valuable stock from the risk. It is their responsibility to assess the risk and take whatever action they consider necessary. Police officers on cordon and diversion points should be advised to co-operate with them wherever possible, provided that it does not compromise safety.

7.16 **Industrial Premises**

Sussex Police and East Sussex Fire & Rescue Service, when considering evacuation, should consider any likely additional risk factors caused by ingress of water onto certain industrial premises. The Environment Agency and East Sussex Fire & Rescue Service hold records of those commercial premises that hold chemicals etc, which might cause contamination or create a public health hazard.

7.17 **Railway Property**

British Transport Police are advised by the Environment Agency of flood warnings. They circulate them to Network Rail and the Rail Operators who pass them to signallers and train drivers in order to prevent trains entering a flooded area where risk is posed. The operating company should close any station at risk and arrange alternative transport for customers. Level crossings may also be affected due to flooding of electrical controlling equipment. If this is the case arrangements will be made on a prioritised basis in liaison with British Transport and/or Sussex Police to operate the crossings manually.

The level crossing at Normans Bay is currently operated manually. However there are plans to remotely operate this level crossing via a CCTV link from the new control centre at Three Bridges on a 24 hour per day basis. This is expected to be in operation by about spring 2015. Consequently there will be no operator on duty at the crossing in the event of an emergency evacuation unless someone is specifically designated by Network Rail.

7.18 **Fishing and other Water Activities**

Fishing takes place along the coast along with sailing and other water-borne pursuits. These should be borne in mind due to the extra number of persons who may be at particular risk.

7.19 **Security**

Sussex Police will appoint a Bronze Security Commander to co-ordinate the task of providing security in the evacuated sectors
SECTION 8 - VULNERABLE PEOPLE

Identifying the Vulnerable

8.1 The resources of responding agencies are limited so they will need to be targeted towards those at risk and least able to help themselves i.e. the frail, sick or disabled etc. Identifying those people quickly must be a priority. This should be coordinated through the Evacuation Control Post. The SRF Plan ‘Identifying Vulnerable People During a Major Emergency’ provides detailed information on compiling a list of people in an area at risk. But there is no single source of information. The following paragraphs suggest some possible sources of information.

8.2 Door knocking

Where an evacuation is proposed it may be necessary for the police and the staff of the local authorities to make house-to-house visits to warn and inform those at risk and identify the vulnerable utilising local people where possible. Those people tasked with door knocking will, during that process, identify/note the details of those people who may need special assistance to evacuate, and pass the information to the Evacuation Control Post, TCG, or LA.

8.3 Sources of Information

• **East Sussex Clinical Commissioning Groups**
  Contact Surrey & Sussex Area Team, NHS England On Call Director on **Pager No 0844 822 2888 request: NHS42.** Leave a short message with contact details for them to call you back. On call back request they alert the East Sussex CCG on call director on **Pager No 08448 222 888 Quote 944577 and** request that they liaise with Primary Care to obtain vulnerable people information.

• ‘Lifeline’ (Welbeing)
  Through a ‘telecare’ arrangement, Welbeing supports many local elderly and/or disabled living at home. It works closely with local authorities, health services and housing associations. Contact (available 24 hour) can be made on 01323 644422.

• **Specific accommodation for elderly / vulnerable residents**
  Details of specific properties are given in the Flood Risk Sectors in Appendix C (Sectors D, H, I, J, K, L, M, Q).
Pevensey Bay area Flood Plan

- **Adult Social Care – East Sussex CC**
  The County Council's 'CareFirst' database holds records of those they are supporting. This database can be searched by street and town. They also have a ‘Supporting People Team’ who knows of many addresses where vulnerable people live.

- **Community Support**
  Pevensey Bay and Westham Parish Councils together with Normans Bay Residents Association and Sovereign Harbour Residents Association should be represented, where possible, at the first tactical meeting. The representatives can link in to their communities, via existing local networks such as Norman’s Bay Neighbourhood Watch, and they may make enquiries with ‘Age UK’ to collate local knowledge.
SECTION 9 – KEY INFRASTRUCTURE WITHIN FLOOD PLAN AREA

Key Infrastructure

9.1 Key infrastructure and caravan parks are identified in the Sector details in Appendix C.

9.2 There is a large number of electricity sub-stations within the flood plain locations of which are available from UK Power Network.
SECTION 10 – RECOVERY

The Recovery Phase following a flood

10.1 Arrangements for co-ordinating the multi-agency recovery effort following an emergency are detailed in the Sussex Resilience Forum (SRF) Recovery Plan.

10.2 Recovery following a flood has been recognised as a complex and long process, which requires attention early on in the response phase of a major flooding incident.

10.3 The recovery phase is most effectively managed with active participation from the affected community and with welfare organisations playing an important part. It can also offer opportunities for community development and regeneration.

10.4 The following issues are likely to require attention and resources after a flood:

- Cleanup and waste disposal
- Restoration of power, communications and water supply
- Domestic and business insurance issues
- Humanitarian assistance needs including psychological impacts and support for homeless / displaced residents
- Displaced businesses
- Repairs to public infrastructure – schools, buildings, roads, bridges.

10.5 Recovery Co-ordinating Group – The local authority usually leads the recovery process and will (on the first day of the emergency where resources allow) activate the Recovery Co-ordinating Group (RCG) on request by the Strategic Co-ordinating Group. The RCG will agree a recovery strategy and an appropriate action plan.

10.6 Depending on the situation sub-groups may be established to cover particular aspects of the recovery process. Terms of reference and guidance on membership are available. (see SRF Recovery Plan and National Recovery Guidance below).

10.7 For further details and guidance please refer to the SRF Recovery Plan which provides links to National Recovery Guidance.
SECTION 11 – TRAINING AND EXERCISING

Training
11.1 All responders should train an appropriate number of suitable staff to address their roles as outlined in this plan and linked plans.

Exercises
11.2 In February 2014 this Plan was activated as a result of Flood Warnings being issued for both the Pevensey Sea Front and Seaford. This Plan has been modified to reflect the lessons learned and development opportunities identified. A presentation of the plan was held in March 2014 for partners and stakeholders.
Pevensey Bay area Flood Plan

Appendix A: Inter-agency Tactical Meeting – Attendees and Agenda

Initial Tactical Meeting / Teleconference

In response to Flood Warning(s) / Severe Flood Warning(s) issued for the Pevensey Bay Flood Warning Area

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Agenda

1  Introductions
2  Situation update from the Environment Agency
3  Extent of the area of flood / damage predicted by the Agency
   (Include any remedial works possible between high tides)
4  Initial response strategy and need for Strategic Co-ordinating Group
5  Resources available from agencies
6  Need for evacuation – either full or partial
7  Location of Incident Control Post (Silver Control)
8  Identification of Evacuation Control Post and staff
9  Identification by District / Borough Councils of rest centre(s) to be used
10 Identification of evacuation arrangements and suitable transport
11 Identification of the vulnerable
12 Notification process for residents
13 Rendezvous Point and/or Marshalling Area(s)
14 Traffic Management.
15 Media Management (Police as lead agency)
16 Requirement for Casualty Bureau
17 Requirement for utilities:
   UK Power Networks, Transco, Network Rail, BT, Water, Sewerage
18 Requirement for voluntary organisations
19 Inter-Agency contacts sheets
20 Requirement for Recovery Coordinating Group
21 Any Other Business
22 Time and location of next meeting
## Contact Details

Collation of contact detail should be allocated as a priority at the initial Tactical inter-agency meeting / teleconference and updated throughout the incident.

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## Maritime & Coastguard Agency (M.C.A.)

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### British Red Cross

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<td></td>
</tr>
</tbody>
</table>

### WRVS

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Contact No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Military Aid

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Contact No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### RAYNET

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Contact No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Spare

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Contact No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Appendix C: Flood Sector Maps (pages 34 – 41) & Tables (pages 42 – 48)

**Purpose**
1) To aid the management of a widespread flooding incident the **Pevensey Bay Area** has been divided into manageable sectors for the purpose of disseminating information and advice, affecting damage limitation and/or evacuation procedure etc.

**The Sectors**

2) The area is divided into a total of 17 sectors identified ‘A’ to ‘R’. For details see the map and tables below.

3) As indicated in Section 2 and Appendix E, the likelihood of widespread flooding is relatively low. The highest risk is for the Pevensey Sea Front area – the Coastal strip. This is identified on the following map as Sectors A, B, Cc (Coastal C), Dc (Coastal D), Ec (Coastal E) and Fc (Coastal F).

4) An assessment of the condition of the flood defences and the prevailing weather at the time of a Flood Warning will dictate the priority given to each sector by responding agencies.

5) Note - Larger scale maps of the sectors can be made available, by the Environment Agency, to all key response agencies.
Pevensey Bay area Flood Plan

Pevensey Bay Multi-Agency Flood Plan

SECTOR D & COASTAL D

MA Marshalling Area
TCG Tactical Co-ordination Group

Pevensey Sea Front Flood Warning Area

Map shows Marshalling Area, Tactical Co-ordination Centre and Sections D & Coastal D of the Pevensey Bay Multi-Agency Flood Plan.

Location data provided by Wealden District Council

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Ordnance Survey 100042128
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Database rights 2013 all rights reserved
# Flood Sector Tables

## Sector ‘A’

<table>
<thead>
<tr>
<th>Boundary</th>
<th>Cooden Sea Rd westwards from Cooden Beach Hotel. West along Herbrand Walk to Star Inn. Cooden Sea Rd northwards to and including Clavering Walk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>130 approx.</td>
</tr>
</tbody>
</table>
| Evacuation route(s) | 1. Cooden Sea Road. Little Common Road.  
2. Star Inn only – westwards to A259 roundabout, then A259 to Bexhill. |
| Transport arrangements | Evacuation minibus co-ordinated by Local Authority to cover no further than the Star Public House. |
| Other information | Star Inn is licensed for 47 holiday caravans, March to October. |

**Number of Sector A properties in Pevensey Sea Front Flood Warning area (shaded sandy colour in map) Total = 1 (Hotel)**

## Sector ‘B’

<table>
<thead>
<tr>
<th>Boundary</th>
<th>From de-restriction signs east of Coast Rd, Pevensey Bay through to end of village. North towards railway line. South towards coastline.</th>
</tr>
</thead>
</table>
| Evacuation route(s) | 1. North across railway crossing, then west along lane to A259.  
2. West along Coast Rd to A259, then east to Bexhill.  
3. Railway track |
| Transport arrangements | Evacuation mini bus co-ordinated by Local Authority acting in conjunction with Sectors C & D |
| Other information | • Summer time. Static Caravan Site (175 vans) Camping & Caravan Club of G.B.: Large touring site.  
• Possible reporting point for self evacuees: A259 roundabout (Normans Bay turning.) |

**Number of Sector B properties in Pevensey Sea Front Flood Warning area (shaded sandy colour in map) Total = 63 (residential)**
### Sector ‘C’

**Pevensey Bay East. Wealden District Council.**

<table>
<thead>
<tr>
<th>Boundary</th>
<th>Coast Rd (east of Cobald Rd) to de-restriction signs towards Normans Bay. North towards railway line. South to coastline.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>1000.</td>
</tr>
<tr>
<td>Evacuation route(s)</td>
<td>1. A259 Wallsend Rd.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Evacuation arrangements - mini buses coordinated by Local Authority as per Sectors B &amp; D.</td>
</tr>
</tbody>
</table>
| Other information | • No large vehicles as congestion likely on narrow roads – E.A. need access to depot for large equipment.  
• Possible recording point for evacuees:-  
  1. Wallsend Rd, junc A27.  
  2. Eastbourne Rd, junc A259 Tarmac roundabout. |

Number of Sector C properties in Pevensey Sea Front Flood Warning area Coastal C (shaded sandy colour in map) Total = 179 (178 residential + 1 commercial)

### Sector ‘D’

**Pevensey Bay Central. Wealden District Council.**

<table>
<thead>
<tr>
<th>Boundary</th>
<th>A259 Eastbourne Rd (east of Timberlaine Rd) to west of Cobald Rd. North to Langney Sewer and railway line. South to coastline.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>1500 approx.</td>
</tr>
<tr>
<td>Evacuation route(s)</td>
<td>A259 via Wallsend Road.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Evacuation arrangements - Single decker buses coordinated by Local Authority on route designated by Evacuation Control Post. Buses also parking in central area for transferring evacuees from minibuses being used in Sectors B &amp; C.</td>
</tr>
</tbody>
</table>
| Other information | • Rest Home. Chardwood. 127 Eastbourne Rd. (14 residents)  
• Castle Drive & Richmond Road areas are particularly low elevation points.  
• Possible recording points for self-evacuees:  
  1. Wallsend Rd, A27.  
  2. Eastbourne Rd A259 Tarmac roundabout. |

Number of Sector D properties in Pevensey Sea Front Flood Warning area Coastal D (shaded sandy colour in map) Total = 97 (93 residential + 4 commercial)
<table>
<thead>
<tr>
<th>Sector ‘E’</th>
<th>Pevensey Bay West. Wealden District Council.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boundary.</strong></td>
<td>Eastbourne Road (west of Timberlaine Road) to Eastbourne B.C. boundary. North to Langney Sewer, south to Coast.</td>
</tr>
<tr>
<td><strong>Population</strong></td>
<td>150</td>
</tr>
<tr>
<td><strong>Transport arrangements</strong></td>
<td>Evacuation arrangements - Single deckers co-ordinated by Local Authority along Coast Road to Pevensey Bay and return. Route to include Sectors F &amp; P.</td>
</tr>
</tbody>
</table>
| **Other information** | • Numerous caravan & camp sites both sides of the A259.  
• Possible recording point for evacuees: A259 Eastbourne Road Tarmac roundabout. |
| **Number of Sector E properties in Pevensey Sea Front Flood Warning area Coastal E (shaded sandy colour in map)** | Total = 19 (17 residential + 2 commercial) |

<table>
<thead>
<tr>
<th>Sector ‘F’</th>
<th>Sovereign Harbour North. Eastbourne B.C.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boundary.</strong></td>
<td>Pacific Drive, immediately east of the Outer Harbour, to east of ASDA complex, Pevensey Bay Road, and the Langney Sewer. Follow Sewer east to the boundary with Wealden D.C.</td>
</tr>
<tr>
<td><strong>Population</strong></td>
<td>7000</td>
</tr>
<tr>
<td><strong>Transport arrangements</strong></td>
<td>Evacuation arrangements – See Sector E.</td>
</tr>
</tbody>
</table>
| **Other information** | • Not possible to monitor self evacuees due to numbers.  
• Numerous caravan & camp sites both sides of A259. |
| **Number of Sector F properties in Pevensey Sea Front Flood Warning area Coastal F (shaded sandy colour in map)** | Total = 374 residential |

<table>
<thead>
<tr>
<th>Sector ‘G’</th>
<th>Sovereign Harbour South. Eastbourne B.C.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Boundary.</strong></td>
<td>Pacific Drive east of harbour, east of ASDA to A259 Pevensey Bay Road and Langney Sewer. Follow sewer to Langney Rise, Princes Road and Ramsey Way to coast.</td>
</tr>
<tr>
<td><strong>Population</strong></td>
<td>3500</td>
</tr>
<tr>
<td><strong>Evacuation Routes.</strong></td>
<td>St Anthony’s Avenue &amp; Lottbridge Drove.</td>
</tr>
<tr>
<td><strong>Transport arrangements</strong></td>
<td>Evacuation arrangements: Buses as available travelling circulatory route along new road, through to sector H (Beatty Road &amp; Hardy Drive)</td>
</tr>
<tr>
<td><strong>Other information</strong></td>
<td>Not possible to monitor self evacuees due to numbers.</td>
</tr>
</tbody>
</table>
### Sector ‘H’
**Langley Point. Eastbourne B.C.**

<table>
<thead>
<tr>
<th>Boundary.</th>
<th>Sovereign Centre, Lottbridge Drove and St Anthony’s Avenue to Langley Roundabout. Princes Road and Ramsey Way to coast.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>2900.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Buses from Sector G, traveling along Beatty Rd and Hardy Drive.</td>
</tr>
</tbody>
</table>
| Other information | • Rest Home. Queen Alexandra Cottage Homes, 557 Seaside. (19 residents)  
                       • Not possible to monitor self evacuees. |

### Sector ‘I’
**St Anthony’s. Eastbourne B.C.**

<table>
<thead>
<tr>
<th>Boundary.</th>
<th>North of St Anthony’s Avenue, between Sevenoaks Road, Willingdon Drove and Lottbridge Drove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>620.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Evacuation arrangements: Increased frequency of normal bus services on conventional routes.</td>
</tr>
</tbody>
</table>
| Other information | • Rest Home. St Anthony’s Court, Seaside. (29 Residents)  
                       • Schools:  
                       1. Tollgate Community Junior. St Anthony’s Avenue.  
                       2. West Rise Infant.  
                       3. West Rise Junior, both in Chaffinch Road.  
                       • Parts of this Sector are on higher ground. The areas most likely to be affected are parts of the housing complex off Sevenoaks Road, and the Birch Road Industrial Estate. |

### Sector ‘J’
**Langney Village. Eastbourne B.C.**

<table>
<thead>
<tr>
<th>Boundary.</th>
<th>Langney Rise &amp; Friday Street, then borough boundary to the Langney Sewer.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>5000.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Evacuation arrangements: Increased frequency of normal bus services on conventional routes.</td>
</tr>
</tbody>
</table>
| Other information | • Nursing Home. Eastbourne Belmont, Pevensey Bay Road. (95 Residents)  
                       • Schools:  
                       1. Langney Primary, Chailey Close  
                       2. Bishops Bell C of E, Priory Road.  
                       • Parts of this Sector are on higher ground. |
## Sector ‘K’  
**Princes Park. Eastbourne B.C.**

<table>
<thead>
<tr>
<th>Boundary.</th>
<th>Channel View Road, Seaside &amp; Lottbridge Drove.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>1200.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Evacuation arrangements: Increased frequency of normal bus services on conventional routes.</td>
</tr>
</tbody>
</table>
| Other information  | • Rest Home. 39-47 Martello Rd. (12 residents)  
                     • Schools: St Andrew’s C of E Infants. Winchelsea Road. |

## Sector ‘L’  
**Roselands. Eastbourne B.C.**

<table>
<thead>
<tr>
<th>Boundary.</th>
<th>Seaside, Lottbridge Drove, Cross Levels, Kings Drive, Lewes Road &amp; Whitley Road.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>5500.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Evacuation arrangements: Increased frequency of normal bus services on conventional routes.</td>
</tr>
</tbody>
</table>
| Other information  | • Rest Home: The Shires, 12-13 Gorringe Rd. (23 residents)  
                     Ashley Grdns. Willoughby Close (40 residents)  
                     • Schools: 1. Stafford Junior. Ringwood Road.  
                     2. Roselands Infants. Woodgate Road. |

## Sector ‘M’  
**Seaside. Eastbourne B.C.**

<table>
<thead>
<tr>
<th>Boundary.</th>
<th>Channel View Road and Seaside to Lion lane.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>3500.</td>
</tr>
<tr>
<td>Transport arrangement</td>
<td>Evacuation arrangements: Increased frequency of normal bus services on conventional routes.</td>
</tr>
</tbody>
</table>
| Other information  | • Rest Home:                               
                     1. Parker House. Redoubt Rd. (33 residents)  
                     2. Kynance, 67 Royal Parade. (10 residents) |

## Sector ‘N’  
**Cavendish. Eastbourne B.C.**

| Boundary.          | Seaside Road Whitley Road, north to railway line.  
                     Dursley Road & Susans Road to Seaside |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>2800.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Evacuation arrangements: Increased frequency of normal bus services on conventional routes.</td>
</tr>
<tr>
<td>Other information</td>
<td>• Schools: Bourne Primary, Melbourne Road.</td>
</tr>
</tbody>
</table>
### Sector ‘O’  
**Hampden Park, Eastbourne B.C.**  
**Boundary.** Cross Levels Way to Broadwater Way, north-east through the park to junction of Decoy Drive with Nevill Ave. Roseberry Avenue & Brodrick Road to railway line immediately south of school. Follow line eastwards to Friday Street and then Larkspur Drive and Millfoil Drive, the unnamed road back to Larkspur Drive, to Willingdon Drive, Highfield Link and Cross Levels Way.  
**Population** 4600.  
**Transport arrangements** Evacuation arrangements: Increased frequency of normal bus services on conventional routes.  
**Other information**  
- **Schools:**  
     GR61150242.  
  2. The Causeway. Larkspur Drive.  
     GR61560335.  
  3. Hazel Court Secondary. Larkspur Drive  
     GR61560335.  
- Hazel Court School is for children with severe learning difficulties, therefore potential problem with transportation, medication etc:  
- Nursery School next to ‘The Mill’, Larkspur Drive.  
- Incorporates the new A22 link road to Polegate Bypass.

### Sector ‘P’  
**Pevensey, Wealden District Council.**  
**Boundary.** Wallsend Road, north from railway crossing to A27/259 roundabout. Westwards along High Street to Castle. Includes all properties north of High Street.  
**Population** 200.  
**Transport arrangements** Evacuation arrangements: See Sector E.  
**Other information**
### Sector ‘Q’

**Westham. Wealden District Council.**

<table>
<thead>
<tr>
<th>Boundary.</th>
<th>Castle, north to bypass and west due south through Castle View Gardens and Eastbourne Road to the East Langney Sewer. East to Langney Sewer and railway line. West along line and north to Castle.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>1000.</td>
</tr>
<tr>
<td>Transport arrangements</td>
<td>Evacuation arrangements: Increased frequency of normal bus services on conventional routes.</td>
</tr>
</tbody>
</table>
| Other information | • Schools.  
Pevensey & Westham C & E Primary. High Street Westham.  
Retirement Home. Church Bailey, off Montague Way. (Approx 120 residents)                                                                 |

### Sector ‘R’

**Pevensey Levels. Wealden District Council.**

<table>
<thead>
<tr>
<th>Boundary.</th>
<th>Area north of A27/259, north towards Hailsham, west towards A22 and east towards Hooe.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>Minimal – few rural properties.</td>
</tr>
<tr>
<td>Other information</td>
<td>This is an area of undulating farm and marsh pasture grazing land, bounded by a series of raised roads, together with a network of ditches, streams and rivers. It is considered less vulnerable from a sea breach, certainly within the early stages, and contains no centres of population other than a few farmhouses.</td>
</tr>
</tbody>
</table>
Appendix D: Resources

Sandbags

Wealden District Council - Householders are encouraged to protect themselves against flood risk and there are a number of products available which help protect property. Sandbags are readily available at builders merchants and there are lots of modern alternatives that are easier to store and expand. For more information about different products please go to:

- Kite-marked flood protection products
- National Flood Forum Blue Pages Directory

Wealden District Council like most other authorities does not supply sandbags unless a Civil Emergency has been declared (Civil Contingencies Act 2004).

Eastbourne Borough Council

The Council does keep a stock of sandbags for use during an emergency to maintain the integrity of the town’s sea defences. However, this stock is fully committed to strategic deployment during an emergency, and beyond this the Council is generally unable to assist in defending individual properties.

Rother District Council

Householders and businesses are encouraged to protect themselves against flood risk and there are a number of products available which help protect property. Ensure you register with floodline (0845 988 1188) to receive warnings if you live in a flood risk area. Sandbags are readily available at builders merchants and there are lots of modern alternatives that are easier to store and expand.

We will only supply sandbags to vulnerable people however residents can collect up to 12 bags free of charge from the village flood warden. These bags will be supplied unfilled.

There is a limited stock of sand located at the east end of the village near the vehicle turning point which has been made available to the community of Normans Bay.

East Sussex County Council and the Environment Agency use sandbags for strategic defensive work but neither makes them available to the public.

4-wheel drive vehicles

These may be available through:

- Police, Fire, Ambulance and Coastguard services
- ESCC Communities, Economy & Transport Department / Countryside Rangers
- Rother District Council and Eastbourne Borough Council
- 4-wheel drive ‘off-road’ clubs and local farmers

Boats

East Sussex Fire & Rescue Service has a hard-bottomed inflatable boat and trained swift-water personnel.

West Sussex Fire & Rescue Service maintain a database of suitably trained resources. These may be available as follows:

- RNLI - contactable via HM Coastguard
- Newhaven and Sovereign Harbours - contactable via HM Coastguard
- Maritime Volunteer Service - contactable via HM Coastguard

Telephones

If more telephone lines are required contact the BT Emergency Linkline via ESCC Emergency Planning (01323 747090 or 01323 644422 out of hours)
Radio.
Raynet (Radio Amateurs Network) - contactable through – via East Sussex Resilience and Emergencies Partnership.

Loudhailers
Sussex Police have access to hand-held loudhailers.
The East Sussex Fire & Rescue Service has some hand-held loudhailers and PA systems on some of their appliances.
Southern Gas and Southern Water and the Environment Agency have vehicles with PA systems (contactable via East Sussex Resilience and Emergencies Partnership.)

Military Aid to the Civil Community (MACC).
Activated through a Local Authority, can provide: -
Trained personnel, Medical facilities, Transport (both land and air), Emergency Catering, Engineering, Communications

Red Cross Emergency Incident Support Vehicles based at:
Haywards Heath Fire Station and Hastings Fire Station.
Community Flood Risk Summary Sheets

**Pevensey Bay**

<table>
<thead>
<tr>
<th>Summary of flood risk in the Pevensey Bay area:</th>
</tr>
</thead>
<tbody>
<tr>
<td>The likelihood of flooding in Pevensey Bay (and surrounding areas) are considered to be relatively low, but should flooding occur the impacts would be high. There is a flood risk from both rivers and the sea. River flooding is more likely to occur, but should a coastal flooding event occur it would have the potential to cause more flooding to people and property.</td>
</tr>
<tr>
<td>The Pevensey Bay area is very low lying and as a consequence flooding (from both fluvial and coastal) sources have the potential to affect large areas and numbers of people and property.</td>
</tr>
<tr>
<td>Due to low-lying characteristics of this area both the river network and coastal frontages are heavily managed. The inland fluvial flood risk is managed by controlling river levels by a network of water level control structures and engineered defences, whilst the coastal risk is primarily managed by maintaining the shingle beach with shingle renourishment and recycling activities. These defences reduce the likelihood of flooding for most frequent /smaller flooding events, but a flood risk still remains; for example, should a structure fail, or an extreme weather event occur.</td>
</tr>
</tbody>
</table>

**Coastal flooding:**

The Pevensey Bay coastal frontage is protected by a combination of ‘hard’ and ‘soft’ sea defences. The whole stretch is heavily managed and the existence of a beach along this frontage is entirely dependent upon continued maintenance of assets, shingle renourishment and ongoing recycling operations and the presence of groynes.

The Eastbourne frontage is characterised by ‘hard’ sea walls, groynes and ‘softer’ shingle ridges, whilst from Sovereign Harbour eastwards, ‘softer’ shingle beaches dominate the shoreline. These defences should protect the area from all but the worst coastal flooding. The coastal defences in Eastbourne are maintained by Eastbourne Borough Council, and are estimated to protect for a 1 in 200 chance event. The shingle ridge along Pevensey Bay is managed by Pevensey Coastal Defence Limited (PCDL) – a Private Funding Initiative (PFI) with the Environment Agency, Boksalis Westminster Ltd, Dean and Dyball Civil Engineering, Mackley and Mouchel. PCDL maintain the shingle ridge to a 1 in 400 standard of protection.

Should sea defences fail then areas further from the shore could be affected by coastal flooding – to the areas displayed by the Environment Agency’s flood map.

**River flooding:**

Like the coast, the river system is also highly managed. River flooding in this area tends to occur after a prolonged period of wet weather. When flooding does occur, it is likely to be nearer the coast first, rather than in the inland lower parts of the Pevensey Levels. This is due to the land drainage system which is managed by a network of gates, sluices, pumps and tide flaps that move the water from low-lying areas into raised and embanked river channels which carry the water to the coast. If the capacity of this system is exceeded, overtopping of the embankments will occur and flooding can be widespread, although generally relatively shallow and slow moving.

Because of the structures on the watercourses, river levels are less influenced by tide heights. Flooding could still occur in situations when high tides combine with high river levels, or because of asset failure.
Surface Water in the Pevensey Bay Area (completed by ESCC the LLFA)
The Eastbourne Surface Water Management Plan (SWMP) assessed part of the area in the wider Pevensey Bay area of interest (as in the map in Appendix C). In it, the area of Langley (Sector J on the map) was identified to be an area at significant risk from flooding. In this area, water levels in the land drainage and the surrounding EA Main River open sewers prevent the free discharge of the surface water sewers into the accepting water courses. This coupled with relatively high groundwater, causes backing-up and egress of groundwater into the foul sewerage system and entry of irregular surface water flows from non-formalised sources, which results in a surcharged system.

In addition to the above, the area which includes Firle Road & Arndale Shopping Centre area (Sectors N and L on map) was also identified as an area at risk of significant flood risk. For Firle Road, the surface water sewer surcharges and floods during high intensity rainfall events. This is exacerbated during high tide when the outfall is tide-locked; a problem expected to occur more frequently with sea-level rise. Regarding the Arndale Shopping Centre, twin surcharging combined trunk sewers running along Terminus Road prevents effective drainage of the shopping centre and the pedestrianised precinct during high intensity rainfall events.

Furthermore the area South East from the town centre along the seafront (Sectors M,K,H,G on the map) was also identified as being of intermediate risk, with flooding caused by impermeable surfaces and lack of capacity in the existing drainage system in low lying areas. Tide-locking and insufficient drainage capacity in one location have also been responsible in past flood events.

History of flooding
Fluvial:
December 1984 – property and road flooding in the Eastbourne and Westham area following heavy rainfall which caused rivers to overtop. This was estimated to be an event with a 1 in 20 return period.

28th May 2000 - many properties suffered garden flooding when streams again came out of banks but there have been no reports of property flooding.

24th December 1999 – 4 properties suffered flooded gardens and basements due to the Langney Haven coming out of bank (80mm of rain in about 2½ days). Properties affected include: Langney Green (adjacent to Langney Bridge) and Queens Crescent. Tutts Barn garden nursery was also affected. (by the end of the week it is thought 8 properties were affected)

Coastal:
We have some record of flooding occurring in October 1999. The beach overtopped and the emergency plan was enacted. Some residents were evacuated but many refused to leave their homes.

Flood Warning Areas (and Quickdial Codes):
Fluvial:
Willingdon, Eastbourne and Langley Levels - 012441
Langney Haven at Eastbourne – 012442

Coastal:
Eastbourne Sea Front - 01241121
Eastbourne Town - 01241123
### Pevensey Bay area Flood Plan

**Pevensey Sea Front - 01241122**  
**Pevensey Levels - 01241124**

Flood warnings do not cover surface water flooding.

### Impacts

<table>
<thead>
<tr>
<th>Number of properties at risk from coastal and river flooding</th>
<th>Number of people at risk (properties x 2.4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>19,783</td>
<td>47,479</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of properties at risk from surface water</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,984 (810 of these are not at risk from rivers or the sea)</td>
</tr>
</tbody>
</table>

### Key Environment Agency Structures

- Water level control gates;  
  - Fence Bridge Gate, Wallsend Road, Pevensey  
  - Pevensey Bridge Gate  
  - Mountney Bridge Gate  
  - Chilley Gates  
  - Crumbles Gate, Leeds Avenue, Eastbourne  
  - Star Inn Gate  
- Water level control pumping stations;  
  - Rickney Pumping Station  
  - Drockmill Pumping Station  
  - Star Inn Pumping Station  
- There are other smaller structures managing river levels in the area.  
- PCDL maintained shingle beach from Sovereign Harbour to Cooden and Eastbourne Borough Council manage the coastal defences in Eastbourne.

### Vulnerable groups/local essential services

**Vulnerable people / groups at risk of flooding**

- Links to postcodes/OS points likely to be affected for LA to run vulnerable people check  
  - 18 Schools / Pre-Schools  
  - 2 Nursing Homes  
  - 12 Caravanning and Camping sites

**Infrastructure at risk of flooding**

- 2 Ambulance Stations  
- 3 Dental Surgeries  
- 2 Police Services  
- 1 Railway Station  
- 143 Electricity Sub Stations  
- 7 Gas features  
- 3 Sewage Pumping / Treatment

### Potential response

**Multi-Agency Tactical Coordination Group location**

- Fire Station, Lyons Close. Pevensey BN24 5LA  
  - TQ64580459  
- East Sussex CC Offices, St Mary’s House  
  - St Leonard’s Road, Eastbourne, BN21 3UU  
  - TV61189954  
- Hammonds Drive Police Station, BN23 6PW  
  - TQ62120121

**Rest centres locally**

- Wealden District, Rother District and Eastbourne Borough Councils will activate their rest centre plans. The rest centres chosen will depend on the extent of the anticipated flooding and be agreed by the authorities.
<table>
<thead>
<tr>
<th>Any other information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lead time for Environment Agency Flood Warnings</strong></td>
<td>2 hours. However the EA would look to give upwards of 24 hours for coastal flooding based on medium to high confidence forecast.</td>
</tr>
<tr>
<td><strong>Flood warnings do not cover surface water flooding.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Key local groups (see contact list for details)</strong></td>
<td><strong>East Sussex Resilience and Emergencies Partnership:</strong> 01323 747090 or Lifeline 01323 644422 Out of Hours.</td>
</tr>
</tbody>
</table>
Pevensey Bay area Flood Plan

Appendix F: Traffic Management

The Police will liaise with ESCC Highways to agree road closure points dependent on the expected extent of the flooding.
EVACUATION ADVICE

Area for Evacuation:

Reason for Evacuation:

Sussex Police consider that persons remaining within the area (or premises within the area) are likely to be at risk of harm if they remain here. Sussex Police have a duty of care to take all reasonable steps to save & preserve life and seek your co-operation in evacuating the area.

Who should Evacuate

Everyone should leave the area; including pets and other animals that are also at risk. If you have special difficulties and as a result cannot evacuate please bring this to the attention of the person delivering this notice or contact the following telephone number: ____________________________.

Where to Evacuate to

If you know of somewhere outside of the evacuation areas (i.e. friends/relatives etc) please go there.

If you do not have a suitable place to go the emergency services will arrange ‘Rest Centres’.

The Rest Centre available to you is situated at:

•
  or

•
What you should do

1. Turn off the gas, electricity and water supplies (if it is safe to do so).
2. Take warm clothing, blankets, bedding and any MEDICATION you may require.
3. Secure your premises.
4. Leave in a prompt but orderly manner.
5. If you are NOT going to the Rest Centre (or Assembly Point) it would help if you provided us with your name(s), address and telephone number of the premises you are LEAVING, and the address and telephone number of the premises you are GOING to.
6. ONLY return to the area when it is safe to do so. The emergency services will make announcements in the media when it is considered safe.
EVACUATION OF PREMISES
RECORD

1. Name of Street / Road etc:

2. Are the premises a dwelling/or non residential

3. Number of residents, including names, living at the address now
   Adults
   Children (under 16)

4. Additional Information. Do any of the residents at this address have any of the following:
   Physical impairment
   Mental impairment
   Language barriers
   Medical needs
   other

5. Will the premises be self evacuated?
   Please provide details of when this will occur
   Is assistance required to evacuate the premises?
   Please provide details

6. Is assistance required to evacuate the premises?
7. Has the Evacuation Advice notice been given to the occupant?  

YES/NO

8. Additional Information

Time & date form completed

If no one is present at the address please make enquires with neighbours
Appendix H: Own organisation's procedures and actions

Action by individual organisations
Each partner agency will have its own procedures to follow and actions to take. This space may be used to incorporate those procedures and actions to avoid the need for separate internal plans.