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# Great Bedwyn Flood Plan

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14 January 2014

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Great Bedwyn Flood Group

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## 2. Versions

Date	Revision	Description of amendment	Changed by
20 October 2012	1.0		Maggi Dunn
30 January 2014	2.0		Tesher Fitzpatrick
5 October 2021	2.1	<ul style="list-style-type: none"><li>• Clarification to section 13 that flooding to Granary Road and Manor Road was external as advised by the Director and Secretary of the St Mary's Field Management Company, Christine Thompson.</li><li>• Removal of out of date contact information.</li></ul>	Ian Barry

This plan will be reviewed annually and following any local flooding incident by the Great Bedwyn Flood Working Group, on behalf of the Parish Council.

Comments on this plan should be provided in writing to the Great Bedwyn Flood Working Group, c/o the Parish Clerk, [clerk@greatbedwyn-pc.gov.uk](mailto:clerk@greatbedwyn-pc.gov.uk)

### 3. Introduction

- a. Great Bedwyn has a long recorded history of flooding.
- b. The Plan has been developed in response to events that caused damage to property and
- c. disruption to the community.
- d. The Plan adopts a proactive in approach with the ultimate goal of stopping flooding of any home or business in Great Bedwyn, while at the same time not making the situation worse for other communities downstream.

### 4. Ownership

This plan is owned by Great Bedwyn Flood group in cooperation with the Great Bedwyn Parish council.

### 5. Aim

To understand the different flooding processes that affect Great Bedwyn, develop procedures that detect and respond to various local warning signs and, when needed, ensure that the community and external agencies work effectively together.

### 6. Objectives

- a. Identify the risks to the community in the event of a localised or more severe flooding event and relevant response actions.
- b. Identify vulnerable people within the Community.
- c. Identify resources within the Community available to assist during an emergency.
- d. Provide contact details for the Great Bedwyn Flood Working Group, key community
- e. resources, the emergency services and local authorities

### 7. Flood Group Roles

Duties, flow path for actions	Flood Coordinator	Flood Warden
Routine	Arrange <i>6-monthly</i> review of village flood arrangements, wardens, any works in programme, liaise with WCC Emergency Dept.	Monitor the situation in your area, Notify possible problems to the coordinator
Emergency	Notify flood wardens, Contact WCC Emergency, Contact Fire Service,	Notify Flood Coordinator, Contact affected householders re assistance

## 8. Flood Group Members

Name	Function	e-mail	Telephone	Address
Rachel Bond	Flood watcher			Wharf Cottage, Frog Lane
James Flecker	Flood watcher			Church Street
Meriel Larken	Flood watcher			Back Lane
Trevor Prismall	Flood watcher			Church Street
Maggi Dunn	Flood Group Chairperson			Church Street
Jonty Hitchman	Flood watcher			Church Street
Steve Allan	Flood group member			Church Street
John Thompson	Flood watcher			Granary Road
Sandra Williams	Flood watcher			Church Street
Ana Ditchburn	Allotments representative			Back Lane
Catherine Oldfield	Flood group member			Back Lane
Keith Marshall	Doctor's Surgery representative			Doctor's surgery
Bedwyn Clerk	Parish Council Representative			Coster View

The flood group updates and maintains contact with the Knapp residents group to keep them apprised of flood group activities and ensure our efforts are aligned.

## 9. Emergency Flow Paths for Action

Flow path for action		
1. Water entering your house	Ring WCC Emergency, Wilts fire Service	Turn off electricity, Move papers and valuables upstairs if possible, Contact the flood group
2. Very heavy rain, Water ponding in the road, or your garden, likely to cause flooding	Ring WCC Emergency and CLARENCE	Put in flood boards, sand bags or Aquasacs at vulnerable points, turn off electricity, move valuables upstairs, move your car to higher ground, contact the flood group

## 10. Emergency Contacts

Organisation	Contact	Tel.	e-mail
Wiltshire Council	Switchboard. Call will be logged and sent to Highways team	0300 456 0100	
WCC Emergency Dept (out of hours)	Ask for duty officer	01684 312 066	
Wilts Fire Service	999 ask for Fire	999	
CLARENCE (Highways)		01225 777 234	
Wilts Police	999 or Wilts Police	01380 734 064	
Environment Agency (EA)		0870 8506 506	enquiries@environment-agency.gov.uk
Thames Water	24 hour emergency	0845 9200800	
Parish Clerk	Tesher Fitzpatrick	01672 871 794	
Chair Parish Council			
Local Builders	Chris Blundy		
	Bob Knight	01672 870 033	
Local Plumbers			
Local Electrician	Ralph Kennington	01672 870 478	
Local carpenter	Paul Offer	(07885) 642230	
	Paul Knowler	01672 870 345	
Flood gates, metal work	Rowland & Naylor	Office 01488 72229 H 01672 870 132	
Ground works	T.S.Bolland	01672 870 523	
	D.G.Rhodes	01672 870 977	07970 914 309
Aquasacs, and other flood items	Order through Bedwyn Parish Clerk		

## 11. Reference Documents Driving Flood Action Plan

APTEC Ltd report dated March 2003

KDC Report 2008

WCC Great Bedwyn 8th July 2012 Flooding Report, October 2012 by Emma Truran (Env. Agency).

## 12. Summary of Flood History reports on Great Bedwyn

APTEC Ltd report dated March 2003. This covered the main drains from the allotments to Church St., across Granary/Manor estate, to the river Dunn, passing under the railway. KDC paid for the report and followed up the recommendations with some work to the two chambers E and F outside the Surgery (*see map, ref. XXX. We will use the APTEC labels for drain chambers*).

The APTEC report analysed the system from the catchment area (the field above the allotments) as far as the discharge into the River Dunn, and listed a number of conclusions and recommendations. The study did not extend to other parts of the village, or the end of Church St. or the runoff from Forest Hill, nor did they look at The Knapp/ Farm Lane area.

The APTEC report defines the catchment area affecting Church St. as the two fields above the allotments, between Hatchett's Lane and Forest Hill (see map ref. XXX). The run-off from these fields arrives at two low points, one by the field end of the allotments ditch, the other approximately 50m from the "green lane" at the end of Church St. All the water from the allotments low point (*Drain A*), plus run-off from Forest Hill arrives at drains *E and F* in Church St. by the Surgery. Water from the low point at the far end of Church St. goes to road drains by houses Nos 40, 41, 42 and exits to Church Meadow via drains crossing the properties (Clarke, Hitchman, Flecker) and through the farm gate into Church Meadow. Some of this water also comes from Vines' field on the Crofton side of Hatchetts Lane, via a gap in the field boundary. This needs to be remedied.

The APTEC report concludes that there is not a major restriction between Church St. *drains E and F* and the river, although some of the drains are not adequate for a very heavy (*every X years*) storm and the developers took short cuts when building the Manor and Granary Road estate. Remedying this defect would be a major and expensive task. We do not know whether all the detailed recommendations of the APTEC Report were carried out. The current (October 2012) WCC survey by report Mouchel will re-consider the volumes and flows.

Following the floods in 2008 KDC carried out more survey work, prepared and implemented works at the end of Church St., Jockey Green and the water meadow by Wharf Cottage. This work did not extend to the centre of the village but KDC rebuilt the drain *chamber A* (allotment side of Back Lane). They also cleared the ditch across the water meadow from Wharf Cottage to the river. Since then little has been done other than a limited reinforcement of the "bank" at the low point of the field above the end of Church St. Few of the drains were cleared. subject to on-going maintenance, there should not be a problem clearing water from that end of the village.

*Repairs status 10/9/08. See letters Gt Bedwyn Church Street, Paul Bollen WCC Highways. 2/9/08, and 2. KDC, Steve Ibbetson. 2/9/08*

The floods earlier this year (2012) resulted in visits by Mr Everett of WCC and a CCTV survey by Mouchel of part of the system. See WCC Great Bedwyn 8th July 2012 Flooding Report, October 2012 by Emma Truran (Env. Agency).

The floodwater derives from three main catchment areas, see section 5. (*see map YYY*)

The road drains in much of the village are partially blocked. Those from the speed signs on Forest Hill down to the Shop are doing almost nothing and rainwater runs down the road gutter to Church St., adding to the load taken by the drains E and F by the Surgery.

There are several houses whose level means that they will always be prone to flooding and the

householders will need to consider such measures as raising power points, installing flood gates etc., as well as ensuring that ditches to take water round their houses are installed or reinstated.

Other areas of the village are adequately protected by the road drains, except the Knapp area by the station, which has a different problem. It is essential that the road drains are routinely cleared.

The problem in the Knapp (and houses X Y in Church St.) arises from rainwater ingress to the sewer. Short term, the sewer connection need to be cleaned. Longer term, the sources of rainwater need to be identified. The Knapp sewer may need to be re-laid.

There is no history of the river flooding sufficiently to cause problems.

The various reports indicate that the system will not cope with very heavy flash rainfall onto saturated ground and that this water should be held temporarily in the catchment areas by bunding etc.

### 13. Action Plan to minimize future flooding

The actions arising from the various reports fall into three categories.

- a) Those that are one-off, some substantial, to mitigate the shortcomings of the drainage system,
- b) Those that should be regular maintenance items
- c) There is also a need for a number of householders to make a personal flood plan. A template can be downloaded from the environment agency site at: <http://www.environment-agency.gov.uk/homeandleisure/floods/38329.aspx>

Actions are tracked and maintained in the Great Bedwyn Flood Action Plan, available on the Parish Council website, link:

<http://www.greatbedwyn-pc.gov.uk/home-4/community-organisations/the-flood-group/index.html>

#### Known Houses/Areas Affected by Flooding

Name/Number	Street	Location	Source
The Wharf	Frog Lane	Internal	Surface Water
40	Church Street	Internal	Surface water/sewage
41	Church Street	Internal	Surface Water
42	Church Street	Internal	Surface Water
59	Church Street	Internal	Surface Water
The Old White Hart	Church Street	Internal	Surface Water
61	Church Street	Internal/External	Surface Water
62a	Church Street	External	Surface Water
63	Church Street	Internal	Surface Water



Name/Number	Street	Location	Source
Surgery	Church Street	Internal	Surface Water
92	Church Street	Internal	Surface Water
4	Granary Road	External	Surface Water
5	Granary Road	External	Surface Water
6	Granary Road	External	Surface Water
8	Granary Road	External	Surface Water
9	Granary Road	External	Surface Water
10	Granary Road	External	Surface Water
11	Granary Road	External	Surface Water
12	Granary Road	External	Surface Water
14	Granary Road	External	Surface Water
4	Back Lane	External	Surface Water
Langstrath House	Back Lane	Internal	Surface Water
31	The Knapp	Internal	Sewage
12	The Knapp	External	Sewage
11	The Knapp	External	Sewage
10	The Knapp	External	Sewage
7	Manor Road	External	Sewage
Various	Manor Road	External	Sewage/Sink overflow
4	Farm Lane	External	Surface Water
6	Farm Lane	External	Surface Water
25, 23, 21	Coster View	External	Surface Water
	Shaw Grove		
	Mill House	External/Internal	Surface Water

## 14. Flood Actions when Floor occurs

Location at Risk	Risk Description	Local Action	Equipment Required	Time Required	Flood Watcher
e.g. Back Lane Allotments	Prone to flooding from farm fields behind	Check Culvert is clear	Shovel/fork		Larken/Dunn
Storm Drains in North Church Street	Prone to street flooding	Check drain is clear	Shovel/fork		Dunn/Larken
Storm Drains in South Church Street	Prone to street flooding	Check drain is clear	Shovel/fork		Prismal/Hitchman/Williams
Storm Drains in Forest Hill	Prone to street flooding	Check drain is clear	Shovel/fork		Councillor Pease

Location at Risk	Risk Description	Local Action	Equipment Required	Time Required	Flood Watcher
Storm opposite Fairfield	Prone to street flooding	Check drain is clear	Shovel/fork		Goss/Fitzpatrick
Cricket Pitch	Floods	Notify residents and fire brigade	Telephone		Feakes/Bond
Drain by playpark	Prone to street flooding		Shovel/fork		Goss
Burdens Severals	Prone to flooding	Notify residents and fire brigade	Telephone		Prismall/Hitchman/Williams
Granary Road	Undersized pipes prone to flooding	Check that drain is still clear. Notify residents and fire brigade	Telephone		Thompson

## 15. Maps

This map shows (pale green) the approximate courses for flood water into the flood plain along the river valley. Most of the houses flooded are situated where the flood water path draining the catchment areas join the river valley. Houses flooded in The Knapp are next to the station in the lowest part of The Knapp. The works proposed above are intended to reduce the peak flows reaching these areas by delaying water in the fields in the catchment areas.

