

Flood Risk Management Group Action Plan – December 2015 Update

i) “Live” capital projects

Table 1: Live Capital Projects

Location	Scheme / Works Description	Funding Source	Funding Allocated	Progress	Target Completion Date
Tirley	Flood attenuation measures	Gloucestershire County Council	£135,000	Verbal update to be given at meeting on progress and discussions with Parish Council.	Winter 2015
Chaceley	Diversion of drainage channel & reopening outfalls	Gloucestershire County Council	£45,000	Meeting to be arranged in the new year with Chaceley Parish Council to discuss project proposals and timescale. Preferred option being developed is to create a twin outlet utilising an existing field drain network which will ease pressure on the existing EA outlet at Chaceley Stock.	Spring 2016
Tewkesbury	Watercourse maintenance	Gloucestershire County Council / Environment Agency / landowners	£20,000	Discussions with relevant agencies – Tewkesbury Borough Council leading. Contractor quotes received. Agreement needed from landowners.	Est. January 2016

Location	Scheme / Works Description	Funding Source	Funding Allocated	Progress	Target Completion Date
Borough wide	Property level protection surveys to multiple properties in proximity to the River Severn	Gloucestershire County Council	£40,200	Jointly delivered scheme with the Environment Agency. Discussions taking place on project plan and locations. Result could be further funding applications with survey results	2016 (to be confirmed)

ii) Tewkesbury Borough Council Programme of Watercourse Maintenance

Tewkesbury Borough Council (TBC) owns various parcels of land across the Borough and some of these have watercourses either running through them or adjacent to them. This means that Tewkesbury Borough Council is a 'riparian owner' with responsibilities to maintain these watercourses in good condition.

In early 2010 TBC agreed to increase the land drainage revenue budget; in order to allow for routine maintenance work to be carried out.

Table 2: Completed Tewkesbury Borough Council owned watercourse maintenance works 2015 – 2016

	Location	Parish	Works	Estimated Length (m)	Cost
1	Kings Gate	Ashchurch Rural	Flail cutting of banks	181	£175.00
2	Bramble Chase	Bishops Cleeve	Flail cutting of banks	330	£202.00
3	Bramble Chase	Bishops Cleeve	Flail cutting of banks (adjacent Gabions)	50	£170.00
4	Finlay Way	Bishops Cleeve	Flail cutting of banks	420	£202.00
5	Hayfield Way	Bishops Cleeve	Flail cutting of banks	512	£252.00
6	Hayfield Way	Bishops Cleeve	Unblock outfall and ditch	sum	£1,019.75
7	Oldacre Drive	Bishops Cleeve	Flail cutting of banks	250	£162.50
8	Oldacre Drive	Bishops Cleeve	Flail cutting of banks (Second cut due to growth)	250	£158.00
9	Oldacre Drive (By pass ditch)	Bishops Cleeve	De silt	50	£1,000.00
10	Oldacre Dr/Millham Rd	Bishops Cleeve	Fallen Trees (Blocking watercourse)	sum	£550.00
11	Stoke Road	Bishops Cleeve	Flail cutting & de silt	55	£231.00
12	Tobyfield Close	Bishops Cleeve	Flail cutting of banks (walk through cut)	20	£126.00
13	The Grange	Bishops Cleeve	Flail cutting of vegetation (to allow survey)	50	£580.00
14	The Grange	Bishops Cleeve	Clear Blockage and trees (Abigail storm)	Sum	£450.00
15	Voxwell Lane	Bishops Cleeve	Flail cutting of banks	100	£446.00
16	Coopers View	Brockworth	Flail cutting of banks (walk through cut)	406	£407.00
17	Ermin Park	Brockworth	Clearance of fallen trees (Abigail storm)	Sum	£1,000.00
18	Green Way Road	Brockworth	Flail cutting of banks	50	£121.00

			(Balancing pond)		
19	Green Way Road/ Abbotswood Road	Brockworth	Flail cutting of banks	20	£65.00
20	Horsbere Brook	Brockworth	Rope Swing removal blockages cleared	Sum	£140.00
21	Horsbere Brook	Brockworth	Flail cutting of banks (walk through cut)	500	£2,500.00
22	Horsbere Brook	Brockworth	Fallen Trees	Sum	£1,450.00
23	Horsbere Brook	Brockworth	Trees cut back affecting light at Tamar Road	Sum	£880.00
24	Horsbere Brook	Brockworth	Fly tipping	Sum	£87.50
25	Grenville Close	Churchdown	Clear Blockages and fallen trees (Abigail storm)	Sum	£750.00
26	Parkside Close	Churchdown	Flail cutting of bank	66	£231.00
27	Pineholt	Hucclecote	De silt & flail cutting of bank (A lot of fly tipped material)	325	£3,459.40
28	Pineholt	Hucclecote	Flail cutting of banks (second cut due to growth)	325	£451.00
29	Rookery Road	Innsworth	Flail cutting of banks	8	£100.00
30	Fircoft Road	Longford	Flail cutting of banks	115	£165.00
31	Chargrove Lane	Shurdington	Blockage & vegetation removal (Nature Reserve)	180	£1,000.00
32	Bloody Meadow	Tewkesbury	Flail cutting of banks	440	£212.00
33	Carrant Brook	Tewkesbury	Flail cutting of banks	500	£230.00
34	Carrant Brook, Mitton	Tewkesbury	Split tree on watercourse	sum	£73.02
35	Cricket ground	Tewkesbury	Flail cutting of banks	265	£294.00
36	Lankett Lane	Tewkesbury	De silt & flail cutting of bank (A lot of fly tipped material)	180	£418.70
37	Lincoln Green Lane	Tewkesbury	Flail cutting of banks	550	£533.00
38	Lower Lode Lane	Tewkesbury	Fallen tree removals (from river Avon)	sum	£1,740.00
39	Lower Lode La/Bloody Meadow	Tewkesbury	Fallen tree removals (Blocking watercourse)	sum	£550.00
40	Mill Avon	Tewkesbury	Vegetation and tree clearance (Access difficult - by Glos Road)	sum	£7,020.00
41	Rails Meadow	Tewkesbury	Flail cutting	395	£230.00

42	Rails Meadow	Tewkesbury	De Silt	395	£3,950.00
43	St Marys Lane	Tewkesbury	Flail cutting of bank & trees (Access difficult)	50	£800.00
44	The Vineyards	Tewkesbury	Flail cutting of banks	446	£289.90
45	The Vineyards	Tewkesbury	Flail cutting of banks (second cut due to growth)	446	£276.00
46	Honeybourne Meadow	Woodmancote	Blockage removal + tree clearance	sum	£700.00
	-	-			£35,847.77

Table 3: Tewkesbury Borough Council owned watercourse maintenance works proposed 2015/16

	Location	Parish	Works	Estimated Length (m)	Cost
1	Grenville Close	Churchdown	Flail cutting of banks (walk through cut)	600	£3,000.00
2	Pineholt	Hucclecote	Clearance Around Pond Area	Sum	£520.00
3	Tip Road	Stoke Orchard	Flail cutting of banks and de silt	100	£1,500.00
4	Beauchamp Road	Walton Cardiff	Clearance of reeds	sum	£500.00
5	Crown Road	Walton Cardiff	Clearance of reeds	sum	£500.00
6	Honeybourne Meadow	Woodmancote	De silt concrete channel	sum	£1,000.00
7	Various Sites	Various	Footbridges over watercourses inspection and repairs	sum	£1,000.00
					£8,020.00

All works are subject to current quoted costs. Flail cutting and vegetation clearance will not be carried out during the bird nesting season (March 2016 – September 2016). Officers will chase up outstanding works to make sure complete by March 2016.

Table 4 – Insurance claim

	Location	Parish	Works	Estimated Length (m)	Cost
1	9 The Highgrove ()	Bishops Cleeve	Banks collapsing rear of garden adjoining The Grange Watercourse. Structural Engineers have been employed to work out budget costs and alternative schemes	N/A	£4,300.00

Table 5 – Forward Plan – Future Maintenance Issues

As per previous meetings and the above insurance claim at Table 4. It was agreed that officers would look at potential future maintenance issues outside of the general maintenance on our owned watercourses. I.e. collapsing, slipping banks, substantial erosion etc.

Below shows the current known watercourses that potentially will cost substantial monies to fix in the future.

	Location	Parish	Problem	Risks - property / life	Comments
1	9 The Highgrove (Structural Engineers - Employed to work out budget costs and alternative schemes)	Bishops Cleeve	Banks collapsing rear of garden adjoining The Grange Watercourse	High	Topographical survey work completed. Engineers working up a design/scheme to repair problem. Anticipated report end of December/January 2016
2	Finlay Way	Bishops Cleeve	Banks eroding (very sandy soil)	Low	Monitor. Big open space behind.
3	Abbotswood Road/Green Acre	Brockworth	Banks slipping adjoining neighboring properties	Medium	Monitor. On edge of rear garden boundary. Severn Vale Housing monitoring also.
4	Horsbere Brook	Brockworth	Collapsed gabion basket	Low	Monitor. Very deep and wide watercourse. Access issues.
5	Ermin Park	Brockworth	Steep bank with Trees	Low	Monitor. Very deep and wide watercourse. Access issues.
6	Pineholt	Hucclecote	Banks eroding	Low	Simple fix may be carried out here by using big stones to hold banks in place.
7	Mill Avon	Tewkesbury	Collapsed bank fenced off at Gloucester Road, Tewkesbury	Low	Monitor. Very deep and wide watercourse.

iii) Update on Grant Applications (including Flood Defence Grant in Aid)

Table 6: Update on Grant Applications (including Flood Defence Grant in Aid); Existing Schemes

Location	Scheme / Works Description	Funding Source	Funding Allocated	Progress	Target Completion Date
Bishop's Cleeve, Woodmancote and Southam	Surface Water Management Plan (SWMP) on-going. SWMP has identified range of measures including diversion, storage and property protection	FDGiA	Estimated at ~ £1M	GCC is the lead authority tasked with progressing. Initial package of works being approved in association with Parish Council. These options will then be worked up, with detailed design to follow.	2020
Kenulf Road, Winchcombe	Individual Property Level Protection	FDGiA	£40,000	Complete	August 2015

iv) Capital Improvement to Properties in Tewkesbury Borough (Repair and Renew Grant)

At a previous of the Flood Risk Management Group, Members requested that progress on capital improvements to properties in Tewkesbury Borough should be included in the Action Plan for the Group.

Repair and Renew Grant

The Repair and Renew Grant is now complete; a debrief was given to Members at the meeting of the Flood Risk Management Group on 28 September 2015.