

Somerset Rivers Authority - Enhanced Maintenance Programme
 Monthly Monitoring
 May/June Report 2015

Summary and Recommendations

1. All elements of the programme are being progressed and we are still projecting completion within the financial year. However some items are running behind the original programme and these are highlighted AMBER on the details page. At this stage however delivery within the financial year remains achievable.

No adjustment to programme or funding is recommended for this issue.

2. Detailed site inspection has determined that the programmed work on the River Isle is not necessary

This is recommended for removal from the programme. -£11k

3. A similar inspection on the River Yeo has concluded that more work is required than originally intended.

It is recommended that this work is funded by the EMP programme. +£45

4. Two additional requests for funding have been brought forward.

- Wirral Park (Glastonbury) – Surface Water Pumping Station Refurbishment (£12k)
- West Somerset Streams – Biennial Maintenance (£10k)

It is recommended that funding from the EMP is approved for these schemes. +£22k

Whilst these additional items will mean that there is a net overprogramming at this stage (£56k). Indications are that further cost savings will be offered to the programme next month which will more than balance this increase.

Financial Analysis

	Total Approved Project Cost	Forecast Project Cost 2015/16	Change from approved +ve = increase: -ve = decrease	Comment
Maintenance Programme				
'Extra' in-channel maintenance and conveyance improvement activity.				
Pioneer Dredging (high level carriers - Parrett, Brue and Cripps)	2643	2093	-550	LEP money for Parrett dredge reduced by £50k for 15/16 to £950k. Brue dredge LEP money (£500k) available in 16/17.
Pioneer Dredging (low land carriers)	51	51	0	
Monitoring silt build up (yearly survey)	57	57	0	
Maintaining newly dredged profiles (year 1 of 4 year cycle)	443	443	0	
Maintaining channel conveyance - viewed rhynes and main river (removal of vegetation and / or sediment removal)	41	75	34	No works required on Isle. Works on Yeo reviewed and can be funded through the EA maintenance programme with the SRA funding proposed for silt berm removal works at additional cost. Specification and costings are being prepared.
Local flood risk management measures	251	251	0	
Tree work. Removal of trees and branches increasing flood risk.	108	108	0	
FRM scheme development for 2016/17. + technical engineering, ecological and licensing work for 2015/16 & 2016/17 schemes.	130	130	0	
Step change in encouraging and enforcing riparian work	50	50	0	
Additional schemes added during 2015/16	0	22	22	Glastonbury Wirral Park Pumping Station & West Somerset streams
Totals	3774	3280	-494	

Project Progress Analysis

	No.
Schemes in Enhanced Maintenance Programme endorsed in March 2015	35
Schemes on green - completed	0
Schemes on green - on course for delivery as planned	27
Schemes on amber - not fully on course, but capable of being brought back onto course	5
Schemes on red - no longer proposed for delivery as planned	0
Schemes proposed to be added to 2015/16 programme	2
Schemes removed from 20015/16 programme	2

Changes

Schemes Proposed to be added	Proposed Cost	Reason
Glastonbury Wirral Park Pumping Station	12	Raised at April Management Group
West Somerset Streams - biennial to annual maintenance	10	Request from West Somerset flood action group via EA

Schemes Proposed for removal	Proposed Saving	Further Action	Reason
Isle - reach 1	-9	None	Site visit confirmed that existing maintenance regime satisfactory for a natural channel and any conveyance improvements would only send water quicker to a downstream storage area (see below Isle reach 2).
Isle - reach 2	-2	None	This reach is not maintained at the request of the landowner. Flooding only occurs on his land which he accepts and there is no increased risk upstream. Being higher in the catchment it is appropriate to store water on the natural floodplain in this location.

ENHANCED MAINTENANCE PROGRAMME 2015/16

PROPOSED WORKS

To be read in conjunction with Map SDBC/P/PEME/001 rev 1

Work Type	Progress	For Schemes Added or Removed		Comment
	Red/Amber /Green/ Complete / Removed	Reason for Removal / Addition	For Removed schemes any future Action	
Pioneer Dredging (high level carriers)				
Parrett : Northmoor towards M5	G = on course for delivery in 15/16			Growth Deal for 15/16 reduced to £950k. Forecast Dates based on tender programmes yet to be awarded.
Brue : North Drain Pumping Station to Westhay	G = on course for delivery in 15/16			
Cripps River full length	G = on course for delivery in 15/16			
Maintaining newly dredged profiles				
Parrett and Tone	A = delayed but recoverable			Revised programme dates assume that a full competitive tendering process will be carried out. If alternative procurement strategy used programme deadlines to be reviewed.
Pioneer Dredging on lowland channels				
Hixham Rhyme	A = delayed but recoverable			Specification of the work required delayed due to lack of resource but will be resolved with new engineer joining in July
Mark Yeo (localised sections)	G = on course for delivery in 15/16			
Maintaining channel conveyance - viewed rhynes and main river				
Isle - reach 1	X = removed from programme	Site visit confirmed that existing maintenance regime satisfactory for a natural channel and any conveyance improvements would only send water quicker to a downstream storage area (see below Isle reach 2).	None	
Isle - reach 2	X = removed from programme	This reach is not maintained at the request of the landowner. Flooding only occurs on his land which he accepts and there is no increased risk upstream. Being higher in the catchment it is appropriate to store water on the natural floodplain in this location.	None	
Yeo (somerset) - reach 2	G = on course for delivery in 15/16			Weed cut and tree removal to be accommodated within EA second weed cut in September. Additional silt berm removal specification to be produced by IDB and will require more funding than allowed for initially.
Yeo (somerset) - reach 3	G = on course for delivery in 15/16			Weed cut and tree removal to be accommodated within EA second weed cut in September. Additional silt berm removal specification to be produced by IDB and will require more funding than allowed for initially.
West Sedgemoor	G = on course for delivery in 15/16			
Aller Moor	G = on course for delivery in 15/16			
Tree work				
Brue - Highbridge to Cripps	A = delayed but recoverable			Specification of the work required delayed due to lack of resource but will be resolved with new engineer joining in July
Brue - downstream of North Drain PS	A = delayed but recoverable			Specification of the work required delayed due to lack of resource but will be resolved with new engineer joining in July
Brue - Barton and Lydford Millstream	A = delayed but recoverable			Specification of the work required delayed due to lack of resource but will be resolved with new engineer joining in July
Local Flood Risk Management Measures				
Old Cleeve	G = on course for delivery in 15/16			
Wembdon	G = on course for delivery in 15/16			
Laverton	G = on course for delivery in 15/16			
Washford	G = on course for delivery in 15/16			
Lower Henlade	G = on course for delivery in 15/16			
Combe Florey	G = on course for delivery in 15/16			
Frog Lane (Enmore)	G = on course for delivery in 15/16			
Ilminster (Cad Road, Rapps, Ilminster)	G = on course for delivery in 15/16			
Washford (Huish lane)	G = on course for delivery in 15/16			
Wootton Courtney (Burrow Road)	G = on course for delivery in 15/16			
Holford (Perry Farm Lane)	G = on course for delivery in 15/16			
Minehead (A39 Hopcott Rd)	G = on course for delivery in 15/16			
Minehead (Periton Lane)	G = on course for delivery in 15/16			
Wigborough	G = on course for delivery in 15/16			
Holford (Dytch Road)	G = on course for delivery in 15/16			
Exton (week Lane)	G = on course for delivery in 15/16			
Samford Brett (Capton Road)	G = on course for delivery in 15/16			
Bicknoller (Dashwood Lane)	G = on course for delivery in 15/16			
Silt Monitoring	G = on course for delivery in 15/16			
FRM scheme development for 2016/17, + technical engineering.				
Natural England Advice				
Land & Water Services Maintenance Dredging Advice				
Silt sampling for P&T maintenance dredge				
Ecological / environmental assistance for IDB				
AS YET UNALLOCATED				
Schemes added during 15/16				
Glastonbury Wirral Park Pumping Station	+ = proposed addition to programme	Raised at April Management Group		
West Somerset Streams - biennial to annual maintenance	+ = proposed addition to programme	Request from West Somerset flood action group via EA		
Step Change in encouraging and enforcing riparian work				Job description prepared and passed to Ops for recruitment process

R = no longer proposed for delivery in 15/16

A = delayed but recoverable

G = on course for delivery in 15/16

C = completed

X = removed from programme

+ = proposed addition to programme