

**figures based on a quote from local digger contractor dated Jan 2020 and **Stephen Bacon tree surgeon dated April 2019*

id	Issues	Action	By Whom	Cost
D1	Rymans Pond Drainage improvement	A relic pond that has been neglected and is key to the drainage of the lane – there is a roadside ditch leading in on the southside and a culvert from under the road that funnels in water from the far side of the lane. Increasing the storing capacity of the pond will allow more water to be held off the road	FLOW	Check quotes and costs Digging Contractor costs - £7538.50 Tree surgeon costs £5040 Has been completed
D2	Apuldram Lane South Drainage improvement	A blocked culvert under the road (near to Apuldram Lane Centre entrance) and this contributes to flooding in the road as the water is unable to getaway in the ditches that lead to Chichester Harbour.	WSCC	Unknown as this would have to be repaired under WSCC Highways team direction.
D3	Ditch on the southside of Church Lane Drainage improvement	This ditch appears on the 1838 tithe map as a large piece of wetland, but this had now been filled in. Church Lane is lower than the surrounding land, including Apuldram Lane south, therefore water naturally pools here with nowhere to go as the shallow ditch present is not linked to the wider system. With D4, D5 and D6 this contributes to significant flooding in this section of the lane.	Apuldram Parish Council	Levels work and digging needed. * Approx 2 days digging with spoil going on adjacent land @ £500 per day.
D4	Apuldram Lane South Drainage improvement	The culvert that carries water underneath the lane on this corner is collapsed and water is unable to getaway. With D3, D5 and D6, this contributes to significant flooding in this section of the lane.	WSCC	Unknown as this would have to be repaired under WSCC Highways team direction.
D5	Blocked road gully Drainage improvement	The road gully opposite Hills Barns Business Park is completely blocked and does not take water away from the road surface. This, with D3, D4 and D6 contributes to significant flooding in this section of the lane.	WSCC	Unknown as this would have to be repaired under WSCC Highways team direction.
D6	Blocked culvert Drainage improvement	Just north of the Hill Barns business park and next to a gate entrance on the west side of the lane. Combined with D3, D4 and D5 this contributes to significant flooding in this section of the lane.	WSCC	Unknown as this would have to be repaired under WSCC Highways team direction.
D7	Land grabbing and lack of management Drainage improvement	Ditches at the back of Mile Pond Farm have been interfered with, filled in, built over and are no longer linked to the wetland system in places, preventing the flow of water. This has occurred along a boundary with domestic residents.	WSCC (Landowner)	Unknown as each section of ditch has been affected differently by residents – will need to be assessed in detail as part of a further study.
E1	River Lavant Environmental improvement	There are serious environmental concerns at this site with a large layer of rubbish filled waste spoil piled up over the soil, pollution leaking out, increased erosion risk, plastic and the river channel has been narrowed	WSCC (Landowner)	Unknown as the scale of the work will be significant and

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		without consent. This must be a source of plastic making its way into Chichester Harbour.		may involve legal and enforcement fees.
E2	Hills Barns Business Park Environmental improvement	Sewage disposal / flushing into the ditch at the Hills Barns business park, seen and heard periodically. This is a pollution and water quality issue and will have a negative impact on wildlife.	EA / CDC Environmental Health	Unknown as needs to be investigated by EA as discharge into a ditch of foul water.
E3	Pond at Mile Pond Farm Environmental improvement	This neglected pond is seen on the 1838 tithe map and is a significant size. It is currently being overwhelmed by willow and bramble but does have some riparian plants and reeds. With careful management the biodiversity value of this site could be improved.	WSCC (Landowner / tenant farmer)	**Approx – tree work £500 per day – would take 10 – 15 days
E4	Mile Pond Farm junction pond Environmental improvement	This junction pond can be seen on the 1838 tithe map for the parish and is on the Donnington / Apuldram border could be opened up and dug out so that it holds water for longer, when the connecting ditches dry up, and would be a valuable piece of wetland. It will also hold more water during high rainfall events.	WSCC (Landowner / tenant farmer)	*Approx - digging work @ £500 per day – would take 3-5 days with spoil going on adjacent land **Approx - tree work @ £500 per day – 2-3 days
E5	Manor Farm pond Environmental improvement	This pond appears on the 1838 parish tithe map and with improvement could increase in biodiversity and habitat value for wildlife. Opening up this pond to get light in, deepening the base and managing the bramble would allow other species to colonise. This pond is connected to two ditches so improving it would strengthen this wildlife corridor for wetland species.	WSCC (Landowner / tenant farmer)	*Approx - digging work @ £500 per day – would take 3-5 days with spoil going on adjacent land **Approx - tree work @ £500 per day – 1-2 days
			TOTAL	£16,000
	Managing Hedges - laying	Approximately 30metres of hedge laid in a day by 10 volunteers (depends on the age of the hedge and experience of the workers)	FLOW	£150 a day for an external trainer / leader
	Managing Hedges - planting	Approximately 400 hedge plants needed to be planted per 100 metres	FLOW	£100 per 100 x 2-year-old hedge trees whips Plus, guards and stakes
	Vegetation management by volunteers	How much land is covered, and vegetation removed depends on the nature of the undergrowth and the fitness of the volunteers	FLOW	Cost of refreshments and new tools and gloves



Appendix iii - Apuldrum Action Plan
Fixing and Linking Our Wetlands
Selsey ditch condition assessment results and habitat improvement plan



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		Requires a place to put the debris and to either have a fire or leave it to compost down.		Estimate £200
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