

Habitat Regulations Executive Committee

Monitoring the SEDESMS & PBH VMP: Appendix 2 – Additional costs of enhanced monitoring programme.

Monitoring	Justification	Dawlish Warren	Exe Estuary	Pebblebed Heaths	Comments	Cost (per survey)	Current Frequency	Current budget Required	Potential Revised Frequency	Potential Revised Budget Required	Additional Budget
SANGS Visitor counts	<i>Ongoing monitoring will show how many visits are being made to the site.</i>	✓	✓		No change to current monitoring	N/A	Annually	£ -	No change - remain annually	£ -	£ -
Visitor numbers at set locations	<i>Repeat monitoring will inform how use is changing over time</i>	✓	✓	✓	Monitoring of visitor numbers is important for providing trend information. Increased frequency of the survey will not provide significantly more information on the programme than the proposed approach.	£7,000	Every 5 years for first 20 years then every 10 years thereafter.	£ 70,000	Increase frequency to every 3 years	£ 182,000	£ 112,000
Visitor activities, motivation, profile and behaviour	<i>Provides information on what people do, why they visit and how they behave</i>	✓	✓	✓	Monitoring of visitor activities etc. is important for providing trend information. Increased frequency of the survey will not provide significantly more information on the programme than the proposed approach.	£5,000	Every 5 years for first 20 years then every 10 years thereafter.	£ 50,000	Increase frequency to every 3 years	£ 130,000	£ 80,000
Fires, vandalism and other incidents	<i>Provides a check as to whether such incidents are increasing over time and if so where</i>	✓	✓	✓	No change to current monitoring	N/A	Annually	£ -	No change - remain annually	£ -	£ -
Enforcement	<i>Provides a record of how many times byelaws/codes of conduct are contravened</i>	✓	✓	✓	No change to current monitoring	N/A	Annually (if any)	£ -	No change - remain annually	£ -	£ -

Warden time and effort	<i>Provides a record of how much time wardens spend at which locations and the number of people spoken to/engaged with and details of the interaction</i>	✓	✓	✓	No change to current monitoring	N/A	Annually	£ -	No change - remain annually	£ -	£ -
Continued monitoring of wintering waterfowl on the Exe (WeBS)	<i>Ensures any changes in bird use of the site are picked up</i>	✓	✓		No change to current monitoring	N/A	Annually	£ -	No change - remain annually	£ -	£ -
Exe Wildlife Refuges	<i>Checks to monitor response of birds and levels of disturbance</i>	✓	✓		No change to current monitoring	N/A	Annually	£ -	No change - remain annually	£ -	£ -
Disturbance monitoring on the Exe	<i>Checks to monitor response of birds and levels of disturbance</i>	✓	✓		Monitoring of disturbance levels is important for providing trend information. Increased frequency of the survey will not provide significantly more information on the programme than the proposed approach.	£10,000	Every 5 years	£ 160,000	Increase frequency to every 3 years	£ 260,000	£ 100,000
Continued monitoring of crab tiles	<i>Ensures crab tilers are following byelaws</i>	✓	✓		Unable to change frequency of monitoring, this is undertaken in accordance to IFCA schedules.	£0	As per D&S IFCA schedules	£ -	N/A	£ -	£ -
Vegetation monitoring at Dawlish Warren	<i>As the tipping point at which trampling will negatively impact cannot be predicted, ongoing monitoring will provide an early warning</i>	✓			Current level of monitoring is appropriate. Additional monitoring could be undertaken but unlikely to provide significantly more information than the current approach.	£5,000	Every 3 years	£ 130,000	Increase frequency to annually	£ 400,000	£ 270,000

Petalwort monitoring at Dawlish Warren	<i>Necessary to check on changes of distribution over time and any implications for visitor management</i>	✓			Current level of monitoring is appropriate. Additional monitoring could be undertaken but unlikely to provide significantly more information than the current approach.	£1,000	Every 3 years	£ 26,000	Increase frequency to annually	£ 80,000	£ 54,000
Accretion & Erosion monitoring at Dawlish Warren	<i>The dynamic nature of the site and likely future changes mean accurate information is essential to inform management</i>	✓			Current level of monitoring is appropriate. Additional monitoring could be undertaken but unlikely to provide significantly more information than the current approach.	£1,000	Every 3 years (EA until 2021)	£ 26,000	Increase frequency to annually	£ 80,000	£ 54,000
Erosion & Path Width monitoring on the Pebblebed Heaths	<i>Enables prioritisation of urgent works to prevent erosion / runoff affecting mires and other heath</i>			✓	Current approach works well in supporting prioritisation of works. Additional survey work will divert budget from paths maintenance.	£1,500	Every 5 years	£ 24,000	Increase frequency to every 3 years	£ 39,000	£ 15,000
Monitoring of breeding Annex 1 birds and Southern damselfly on the Pebblebed Heaths	<i>Necessary to check for changes in distribution allowing management to be modified if required</i>			✓	Monitoring of breeding birds and damselfly is important for providing trend information. Increased frequency of the survey will not provide significantly more information on the programme than the proposed approach.	£3,000	Every 3 years	£ 78,000	Increase frequency to annually	£ 240,000	£ 162,000
Mitigation Monitoring Officer	<i>Required to oversee procurement, analysis and interpretation of additional workload</i>				Additional workload due to enhanced monitoring requires additional staffing resource.	£15,600	Annually		Remainder of Strategy lifespan (75 years)	£ 1,170,000	£ 1,170,000
Totals						£49,100		£ 564,000		£ 2,581,000	£2,017,000