Outfall Safari

Impact selected to monitor		Monitoring scheme				
		Indicator	**Method**	**Frequency**	**Who is involved**	**Feasibility**
Short term impacts	Remediation of polluting outfalls	Number of misconnections remedied	Water companies communicate number of outfalls fixed	Annually	Project managers	Feasible
				Quarterly		
	Outfalls prioritised	List of prioritised outfalls	List of prioritised outfalls made available	Unsure	Project managers	Feasible
	Enhanced citizen scientist knowledge	Level of citizen scientist understanding regarding PSO	Retrospective questionnaire for citizen scientists already involved	One off activity	Project managers	Feasible
			Questionnaire before and after training for new citizen scientists	Annually - to record change over time		
				Annually - at training event		
	Shared understanding of how to run effective citizen science activities	Number of publications (outputs from the project)	Articles (likely) recorded already through dissemination tracking	Annually	Project managers	Feasible
		External citations	Literature review			
	Local MPs, water companies and EA feel pressure (by citizen scientists and	Number of communications to local MPs that have been taken up	Citizen scientists self-report	Annually	Citizen scientists	Feasible

	the wider public)	Number of signatures to project endorsed campaigns/ petitions	Counts of signatures to campaigns / petitions	Variable - depends on frequency of petitions	Project managers	Feasible
		Media coverage	Track media coverage	Continual	Project managers	Feasible
Long-term Impacts	Wider public awareness / changing attitudes of polluting outfalls	Social media interaction(s)	Track social media (e.g., record number of tweets, posts, likes etc.)	Continual	Project managers	Feasible
		Interest in project - sign-up for newsletter etc.	Counts of interested people receiving communications	Continual	Project managers	Feasible
		Number of people participated in training	Count of new volunteers signing up to be involved	At training events - once a year		
		Change in attitudes / awareness of polluting outfalls	Questionnaire gauging changing public attitude to PSO	Annually	Project managers	Unclear
			Retrospective questionnaire for citizen scientists already involved	One off activity	Project managers	Feasible
				Annually - to record change over time		
			Questionnaire before and after training for new citizen scientists		Citizen scientist - self reporting	
				Annually - at training event		
	Improved river water quality and habitat	Number of misconnections remedied	Water companies communicate number of Outfalls fixed	Annually	Project managers	Feasible – already done

				Quarterly		Feasible
		WFD status of rivers	Monitoring undertaken by other citizen science projects, e.g., Riverfly	Monthly, in the case of Riverfly	Citizen scientists - Riverfly volunteers	Feasible
			Statutory agency monitoring	Unsure	Project managers / citizen scientists	Feasible
		Outfalls where remediation has taken place remain non-polluting	Outfall Safari surveys	4 years – completion of survey period	Project managers / citizen scientists	Feasible
	Improved decision making regarding polluting outfalls	Institutional change (e.g., Thames Water changed procedures, policies)	Retrospective questionnaires for Water Companies	Yearly	Self-reporting by project coordinators	Feasible
			Literature search - company reports (annual)	Yearly	Project managers	Feasible
	Improved Policies / Legislation	Number of communications to local MPs that have been taken up	Citizen scientists self-report	Yearly	Citizen scientists	Feasible
		Governmental Policy change / written legislation	Policy / legislation search	Yearly	Project managers	Feasible