

A monitoring framework/ Plan for an example SEA - Water

Example SEA: Local Transport Strategy

SEA sub-objective	Positive/negative effect	Mitigation/enhancement measure	Monitoring indicator (monitoring frequency)	Target	Responsibility for Monitoring	Trigger Action
To reduce the risk of flooding	Large scale developments leading to a significant increase in impermeable surfaces (e.g. car parks, roads) are likely to increase flood risk in the area.	Flood risk assessments carried out for all new Plans/ transport infrastructure improvements Implementation of SUDS in new transport-related developments will be promoted	Number of properties at risk from flooding (within Plan area) Number of flooding incidents (per month within Plan area)	Reduce the number of households affected during flooding events (within Plan area). Reduce the cost of damage from major flooding events (within Plan area).	National environmental agencies (SEPA, NIEA, EA, EPA) Local Authorities (roads/ planning/ environment departments)	Monitoring demonstrates successive increase in flooding incidents (from baseline levels) during a specified monitoring period (e.g. 6 months – 1 year). Contingency actions: <ul style="list-style-type: none"> • Make strategic recommendations for the next review of the Local Transport Strategy to reduce transport related vulnerability to flooding • Undertake improvements on drainage systems in the affected areas to meet capacity • Consider relocating services affected by flooding to less vulnerable areas
To reduce levels of water pollution	Reduced levels of pollutants entering water bodies from surface run-off from roads due to more sustainable design of transport infrastructure/ improvement projects	Promote good practice in construction and maintenance activities	Hydrocarbon pollution in water bodies within 500m of 'A' roads and motorways (per month within Plan area)	Maintain or improve levels of hydrocarbon pollution in roadside water bodies (relative to baseline levels) following implementation of the Local Transport Strategy	National environmental agencies (SEPA, NIEA, EA, EPA) Local Authority (roads/ planning/ environment departments)	Monitoring demonstrates no improvement in hydrocarbon pollution levels during a specified monitoring period (e.g. 6 months) Contingency actions: <ul style="list-style-type: none"> • Review design, implementation and maintenance and make strategic recommendations on possible improvements

Note: This table provides a framework to illustrate how this guidance could be used.