

**APPENDIX N**

SUMMARY OF DATASETS USED

Dataset	Use within assessment
Morphological pressures database (SEPA)	Identification of morphological pressures and assessment of capacity used. When used in conjunction with the indicative flood map, provides an indication of potential for improving storage.
Fluvial audit data (collected as part of study)	Assessment of geomorphic processes
Specific stream power (provided by SEPA)	Assessment of geomorphic processes
HA79_mer_5m (GEORGE DTM)	Sub-catchment identification, hydraulic modelling where no LiDAR exists. Also used to generate slope angle map.
Nith Flow Data	Characterisation of catchment flood hydrology/runoff generation and for generating hydraulic model inputs.
Nith Rainfall Data	Assessing spatial generation of runoff, storm event time to peak.
LCM 2007 Data	Assessing land use for screening options, defining floodplain roughness for hydraulic modelling.
WFD water bodies classifications	Identification of water bodies current classification and objectives
Scottish Wetlands Inventory	Assessing the location of wetland areas for NFM assessment and assessment of environmental benefits of options
Time to peak	Can be used to identify the syncretisation of sub-catchment.
Flood Risk Management PVAs	Identifying the location of PVAs.
Section 20 screening of opportunity areas for NFM	Assessment of NFM potential
SAAR Grid	Screening potential measures based on runoff generation.
HOST Grid	Characterisation of soil type distribution within the catchment.
Indicative Flood Map	Can be used to define floodplain extent.
Locations of designated areas	Used to determine environmental benefits of options