

Checklist – Sampling analysis plan

The EPA will require an analysis of sediment composition to be included in the development application, or if none is required, as part of the EPA licence application. Knowing the sediment composition at the dredge site will help minimise the potential for risks to the environment and human health. It will also inform best practice handling, environmental monitoring requirements and reuse/disposal options for spoil.

The following checklist provides guidance on the information required by the EPA when developing a sampling analysis plan. Further information is provided in the guidance sheet.

Requirement	Notes	Provided
Parameters sampled based on a desktop risk analysis (eg site history, land use, likely contaminants, previous data from sediment analyses and/or environmental monitoring).		
Number and location of sampling points.		
How samples will be taken, stored and transported.		
Samples analysed by a NATA accredited laboratory for the parameters that are to be analysed.		
Rationale for sampling methodology (eg sample size and location, sampling techniques and analysis and parameters measured) that has been selected.		
Sampling of sediments at the dredge location covers the full dredge area and dredge depth.		
Map of the area showing sampling locations and dredge footprint.		
Volume of spoil to be removed.		
Sampling criteria meets the NAGD if spoil is to be disposed at sea or the EPA WDF standards if spoil is to be reused on land.		
Data analysis and reporting methodology.		
Sampling analysis plan prepared by a suitably qualified person who holds relevant qualifications or has demonstrated professional experience and expertise in this area.		