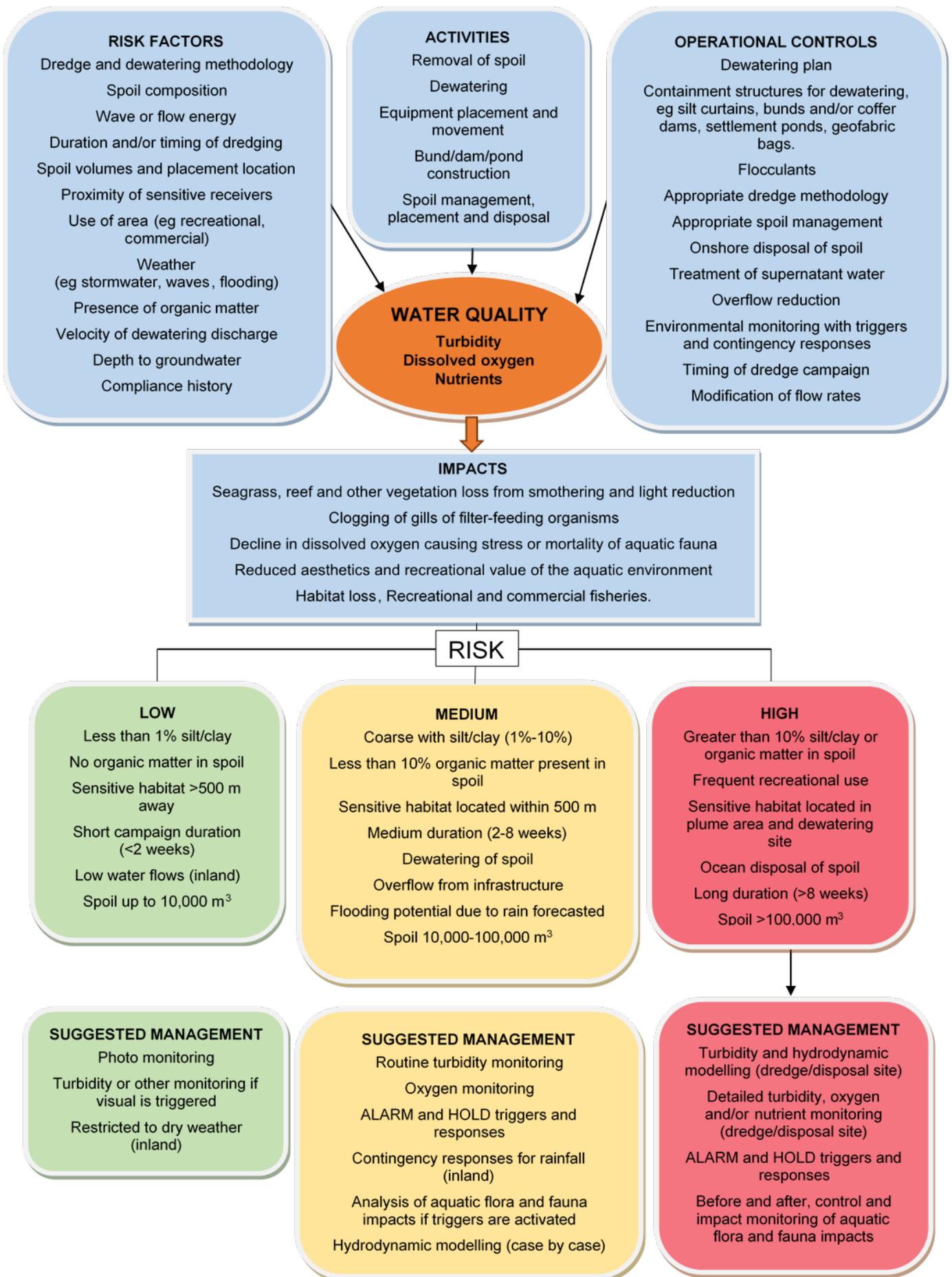


WATER QUALITY – Categorising risk



Select Risk Category = Low / Medium / High (circle)

WATER QUALITY – EPA Expectations

DREDGE APPLICANTS OR LICENSEES MUST	Met	Notes/Evidence
Not cause environmental harm as defined in the Water Quality Policy.		
Identify sediment composition to ensure that appropriate management techniques for both dredging and dewatering are implemented.		
Select dredging equipment and dewatering methods to minimise impacts to water quality including turbidity and declines in dissolved oxygen and that is appropriate for the nature of the dredge site and spoil.		
Consider the waste management hierarchy for the management of spoil and discharge of wastewater from dewatering activities.		
Identify the location of sensitive receivers that may be impacted by the dredging campaign.		
Take reasonable and practicable measures to avoid impacting sensitive receivers from suspended sediment, reduced oxygen levels, elevated nutrients or release of contaminants and metals.		
Undertake dredging in a manner and during time periods that minimise the potential for impacts to seagrass, reef, recreational users, commercial fishing and aquaculture, and breeding or migratory seasons for aquatic or terrestrial species.		
Take reasonable and practicable measures to ensure that overflow water or discharge of supernatant water during the dewatering process does not cause environmental harm.		
Undertake dewatering of spoil in a manner that minimises the potential for turbidity plumes and release of contaminants (eg hazardous substances, debris). This may need to take into		

DREDGE APPLICANTS OR LICENSEES MUST	Met	Notes/Evidence
consideration the location of the dewatering site or composition of material that is used to construct dewatering infrastructure.		
Not discharge polluted water during dewatering if it is contaminated (eg with plastics or hazardous substances).		
Comply with the NAGD guidelines for the placement of spoil within marine waters.		
Undertake appropriate monitoring and adaptive management arrangements to minimise impacts to water quality to prevent and minimise environmental harm at the dredge site, disposal site and/or the dewatering location.		