

**There are 11 outdated references used in Mod-7**

Reference Used in Mod 7 Documentation	Latest Version as of July 30, 2025	Crucial Changes for Mod 7 Assessment
Australian Rainfall and Runoff (AR&R) - 2019	Version 4.2 (August 2024)	- Integrates updated climate change projections for storm intensity and flood modeling, critical for assessing toxin leaching risks from capping during floods (Mod 7 Figure 7-5, Page 111); older version underestimates future events in contaminated sites.
Contaminated Land Management Act 1997 (CLM Act) - Referenced as 1997 with 2023 amendments	Amended November 2024	- 2024 amendments mandate stricter PFAS guidelines and independent audits for on-site capping; key for Mod 7's self-monitoring (Appendix G, Page 8), addressing health risks like cancer from uncapped toxins not in prior versions.
Protection of the Environment Operations Act 1997 (POEO Act) - Referenced as 1997 with 2023 amendments	Amended March 2025	- 2025 updates enhance pollution incident reporting and water contamination penalties; vital for Mod 7's flood/leak threats (Figure 7-5, Page 111), including stricter enforcement on discharges to Ramsar wetlands absent in 2023.
PFAS National Environmental Management Plan (NEMP) - 2020	Version 3.0 (June 2023)	- 2023 version tightens PFAS thresholds for health (cancer links) and soil/water cleanup; crucial for Mod 7's capping of PFAS (Section 4, Page 60), as 2020 lacks updated bioaccumulation risks in flood-prone areas.

National Environment Protection (Assessment of Site Contamination) Measure (NEPM) - 2013	Amended 2013 (PFAS updates via NEMP 2023)	- Post-2013 via NEMP 2023 adds PFAS-specific assessment protocols; essential for Mod 7's indefinite monitoring, incorporating health-based guidelines for leaks not detailed in 2013.
ANZG Australian and New Zealand Guidelines for Fresh and Marine Water Quality - 2018	ANZG 2018 (minor updates 2024)	- 2024 updates include climate-adjusted PFAS limits for wetlands; key for Mod 7's bay discharge risks, enhancing protections for Ramsar sites like Towra Point not in 2018.
Social Impact Assessment (SIA) Guideline (DPIE/Planning NSW) - 2021	Updated July 2025	- 2025 adds community health equity in contaminated sites; important for Mod 7's proximity to preschool/school, requiring deeper analysis of PFAS impacts on vulnerable groups (e.g., children) missing in 2021.
NSW Groundwater Quality Protection Policy - 1995	NorBE Guideline updated July 2025 (replaces 1995 policy)	- 2025 NorBE mandates neutral effects on groundwater amid climate change; critical for Mod 7's capping, as 1995 ignores PFAS persistence and flood risks to aquifers.
Fisheries Management Act 1994 - Referenced as 1994 with 2023 amendments	Amended July 2024	- 2024 updates wetland protections for Ramsar sites; relevant for Mod 7's potential bay impacts but minor change from 2023.
Heritage Act 1977 - Referenced as 1977 with 2023 amendments	Amended 2024	- 2024 adds cultural heritage audits for industrial sites; minor for Mod 7 but strengthens Dharawal land assessments.
Sutherland Shire Local Environmental Plan 2015 - Referenced as 2015	Amended 2024	- 2024 adds flood-prone land clauses; minor for Mod 7 but emphasizes rezoning barriers.