

## Appendix V: Standards, Guidelines, and Guidance for Management Plans

### Philippine standards and guidance on water, noise, air, soil and biodiversity

| Areas                  | Conventions, standards and guidance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Air Pollution</b>   | <a href="#">RA 8749 - Philippine Clean Air Act of 1999</a><br><a href="#">DAO 2000-81 – Implementing Rules and Regulations for RA 8749 and its amendments</a><br><a href="#">DAO 2013-13 - Establishing the Provisional National Ambient Air Quality Guideline Values for Particulate Matter 2.5 (PM2.5)</a><br><a href="#">DAO 2020-14 - Establishing the Breakpoints for Particulate Matter 2.5 (PM2.5) Air Quality Index (AQI) and Amending Section 5(a) of DAO 2013-13 “Establishing the Provisional National Ambient Air Quality Guideline Values for Particulate Matter 2.5 (PM2.5)”</a><br><a href="#">National Ambient Air Quality Guideline Values (NAAQGV)</a>                                                                                                                                                                                                     |
| <b>Water Pollution</b> | <a href="#">RA 9275 - Philippine Clean Water Act of 2004</a><br><a href="#">DAO 2016-08 - Water Quality Guidelines and General Effluent Standards of 2016</a><br><a href="#">DAO 2021-19 Updated Water Quality Guidelines (WQG) and General Effluent Standards (GES) for Selected Parameters</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Soil Pollution</b>  | <a href="#">DENR-EMB Memorandum Circular No. 2020-008 (Guidelines for Site Control)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Noise Pollution</b> | <a href="#">National Pollution Control Commission’s (NPCC) Memorandum Circular No. 002 (1980) - Amendments to Article 1 (Noise Control Regulations), Chapter IV (Miscellaneous Regulations), Rules and Regulations of the National Pollution Control Commission</a><br><a href="#">Anti-Noise Ordinances of local government units</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Biodiversity</b>    | <a href="#">RA 9147: Wildlife Resources Conservation and Protection Act</a><br><a href="#">RA 11038: Expanded National Integrated Protected Areas System (E-NIPAS) Act of 2018</a><br><a href="#">RA 8550 - The Philippine Fisheries Code of 1998 as amended by RA 10654</a><br><a href="#">Philippine Biodiversity Strategy and Action Plan (PBSAP) 2024–2040</a><br><a href="#">DAO 2021-13 – Guidelines for the Development and Recognition of Biodiversity-Friendly Enterprises (BDFES) in Protected Areas Under the National Integrated Protected Area System (NIPAS) and Conservation Areas, Providing for Incentives and Supporting mechanisms</a><br><a href="#">DAO 2025-22 – Rules and Regulations Governing Sustainable Forest Land Management Agreement (SFLMA)</a><br><a href="#">Philippine Ecosystem and Natural Capital Accounting System Law (RA 11995)</a> |

### International standards and guidance on water, noise, air and soil

| Pollution type         | International conventions, standards and guidance                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Air Pollution</b>   | <a href="#">WHO Air Quality Guidelines</a><br><a href="#">World Health Organization (WHO) air quality guidelines (AQGs) and estimated reference levels (RLs) — European Environment Agency (europa.eu)</a><br><a href="#">GRI standards on emissions (GRI 305 – includes air pollutants like nitrogen oxides, sulphur oxides and particulate matter) and effluents and waste (GRI 306)</a><br><a href="#">IFC EHS Guidelines: Air emissions and ambient air quality</a> |
| <b>Water Pollution</b> | <a href="#">ISO Water Quality Standards</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Pollution type   | International conventions, standards and guidance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | <a href="#">WHO's Water Quality: guidelines, standards and health</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Soil Pollution   | ISO Soil Quality Standards <a href="#">ISO/TC 190 - Soil quality</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Noise Pollution  | WHO Guidance on environmental noise <a href="#">Guidance on environmental noise (who.int)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Chemicals/ Waste | <p>Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal <a href="#">Basel Convention on the Control of Transboundary Movements of Hazardous Wastes   UNEP - UN Environment Programme</a></p> <p>Stockholm Convention on Persistent Organic Pollutants <a href="#">Microsoft Word - Convention text E.doc (pops.int)</a></p> <p>Minamata Convention on Mercury <a href="#">The Minamata Convention on Mercury   UNEP - UN Environment Programme</a></p> <p>The Montreal Protocol on Substances that Deplete the Ozone Layer <a href="#">MP-consolidated-English-2019.pdf (unep.org)</a></p> <p>Rotterdam Convention on the Prior Informed Consent (PIC) Procedure for Certain Hazardous Chemicals and Pesticides in International Trade. <a href="#">Rotterdam Convention Text (pic.int)</a></p> <p>Global Framework on Chemicals (previously known as Strategic Approach to International Chemicals Management (SAICM)) <a href="#">New SAICM Text with ICCM resolutions E.pdf</a></p> <p>ISO 11014:2009(en) Safety data sheet for chemical products <a href="#">ISO 11014:2009(en) Safety data sheet for chemical products</a></p> |

## Guidance on Water Quality Management Plans

| Organisation                                | Name                                                                                       | Description                                                                                                                                                     | Link                                                                                                                  |
|---------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| International financial corporation         | Performance Standard 3 (Resource Efficiency and Pollution Prevention)                      | Addresses water resource management, including requirements for minimizing water use and managing wastewater to protect water quality.                          | <a href="#">IFC Performance Standard 3</a>                                                                            |
| United Nations Environment programme (UNEP) | Water Quality Monitoring and Assessment of Groundwater - Technical Guidance Document       | This document describes the main features of groundwater that govern its quantity, availability and chemical quality.                                           | <a href="#">Water Quality Monitoring and Assessment of Groundwater - Technical Guidance Document (unep.org)</a>       |
|                                             | Quality Assurance for Freshwater Quality Monitoring - Technical Guidance Document          | The document provides an introduction to the key concepts and approaches that can be used in Quality Assurance and Quality Control.                             | <a href="#">Quality Assurance for Freshwater Quality Monitoring - Technical Guidance Document (unep.org)</a>          |
|                                             | Introduction to Freshwater Quality Monitoring and Assessment - Technical Guidance Document | The document highlights the need for understanding the hydrological and ecological functioning of water bodies when planning a sampling and analysis programme. | <a href="#">Introduction to Freshwater Quality Monitoring and Assessment - Technical Guidance Document (unep.org)</a> |

| Organisation                                         | Name                                       | Description                                                                                                                                                           | Link                                                                        |
|------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| International Organization for Standardization (ISO) | ISO 14046:2014 (Water Footprint)           | Offers guidelines for assessing and reporting the water footprint of products, processes, and organizations, including impacts on water quality.                      | <a href="#">ISO 14046:2014 – Environmental management – Water footprint</a> |
|                                                      | ISO 5667 Series (Water Quality – Sampling) | Provides guidelines for the sampling of water to ensure accurate and reliable water quality data.                                                                     | <a href="#">ISO 5667 – 1:2023 – Water quality - Sampling</a>                |
| GRI                                                  | GRI 303: Water and Effluents               | Includes indicators and reporting requirements related to water use, wastewater, and effluents, relevant for businesses to disclose their water management practices. | <a href="#">GRI Topic Standard for Water and Effluents</a>                  |

## Guidance on Biodiversity Management Plans

| Organization                                         | Name                                                                                                     | Description                                                                                                                                                                                                                         | Link                                                                                  |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| International financial corporation                  | Performance Standard 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources | The requirements set out in this Performance Standard have been guided by the Convention on Biological Diversity, and its applicability is established during the environmental and social risks and impacts identification process | <a href="#">Performance Standards on Environmental and Social Sustainability, IFC</a> |
| International Organization for Standardization (ISO) | ISO 14001:2015 (Environmental Management Systems)                                                        | Provides a framework for environmental management that can include biodiversity considerations.                                                                                                                                     | <a href="#">ISO 14001:2015 - Environmental management systems</a>                     |
| GRI                                                  | GRI 304: Biodiversity                                                                                    | Provides specific indicators for reporting on biodiversity impacts and management.                                                                                                                                                  | <a href="#">GRI Topic Standard for Biodiversity</a>                                   |