Government of **Western Australia**
Department of **Environment Regulation**

Risk Assessment Process

CONTEXT OF THE RISK

- Part V of EP Act regulated activities
- legislative context
- applicable legislation and legislative framework
  - site and operator history
- location and siting
- applicable standards and approved policies

IDENTIFICATION OF EMISSIONS AND RISK EVENTS

- source and type of emission
- pathways and receptors
- emissions based on foreseeable operations of premises and relating to primary activities
- risk events where emission pathway and adverse effect on receptor

RISK RATING PROCESS

Consequence determined based on:

- general criteria
- where appropriate, specific consequence criteria

Likelihood determined based on:

- receptor being exposed to and impacted by the emission

RISK RATING DETERMINATION

Determination of risk rating (level of impact), accountability and treatment of risk:

- acceptable
- tolerated – subject to regulatory controls
- unacceptable and not tolerated

REGULATORY CONTROLS

- review and consideration of applicant controls (controls may be accepted and included controls)
- application of regulatory controls through conditions in regulatory instrument

DER REVIEW OF RISK

Ensure acceptable level of risk is being maintained through periodic review having regard to:

- incidents or events reported
- relevant reporting and information submitted in accordance with regulatory instruments
- the period since the last review
- new information relevant to the risk
- compliance inspection
- complaints
- enforcement

REGULATORY PRINCIPLES

Guidance Statement: Regulatory Principles