

# PROCEDURE

## PET-HSE27-EN-PRD-00003 Defining Target Environmental Outcomes



### Objective

To establish a process for preparing target environment outcomes (TEOs) in accordance with *Our Requirements – Environment and Climate Change*.

### Audience

HSE teams and operational personnel involved in the definition of target environmental outcomes.

### Owner

Annette Bisby, Manager Environment & Regulatory

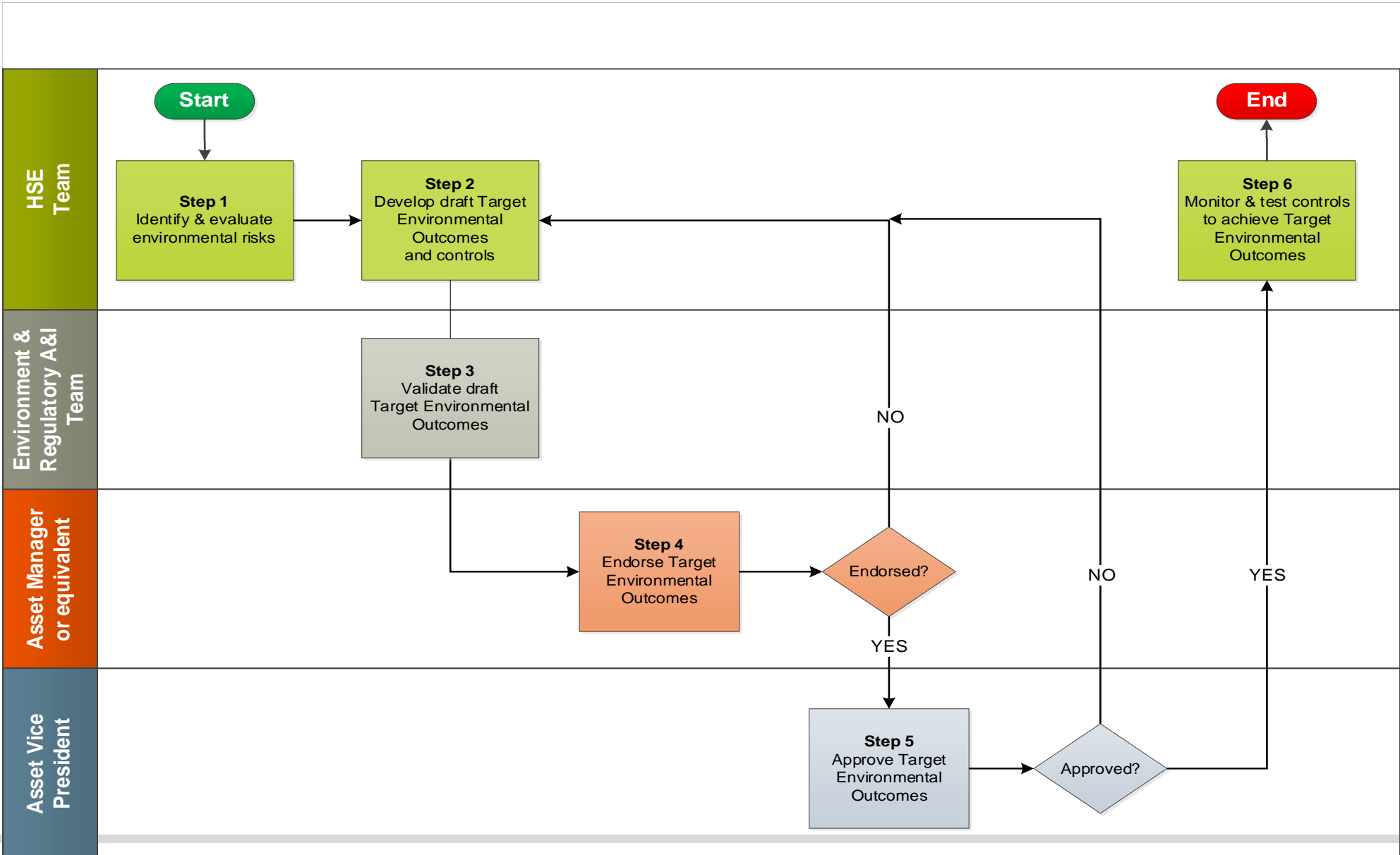
#### Document Signatures (e-signatures are permissible)

	Business Role	Name	Signature
Approver	VP HSEQ Projects	Karelis Holuby	<i>Signature on file – refer to Memorandum: Heritage BHP Petroleum HSE MS Post-Merger Update</i>

#### Disclaimer:

This document has been updated to meet post-merger requirements. Updates have been restricted to rebranding of logo, company name and revision number and date. Updates have not impacted the design or functionality, or taken away from original intent, of the document.

**Process Summary**





## Procedure

### Step 1. Identify and evaluate environmental risks

- HSE Team, with support from Operations, to arrange a risk assessment of Company activities with actual or reasonably foreseeable environmental impacts within the Areas of Influence (AOI):
  - involve a cross-section of personnel with experience and knowledge in:
    - environmental risk assessment
    - current and planned operational activities (i.e., Life of Asset plan)
    - environmental regulations, baseline conditions, sensitivities, and existing environmental stressors from naturally occurring conditions and/or human activities
    - desired environmental end state consistent with closure plan
    - stakeholder expectations
  - access input data (e.g., regulations, impact assessment, baselines, facility descriptions, event/hazard reports)
  - assess identified impacts using the Severity and Likelihood tables in *Our Requirements - Risk Management*.
- HSE Team to revalidate the risk assessment annually and whenever there is a significant change in the operational activity level and type that could result in a change to the risk profile.

**Outputs** 1. Environmental risk assessment with support documentation

### Step 2. Develop draft Target Environmental Outcomes and controls

- HSE Team to define Target Environmental Outcomes for land, biodiversity, water resources and air, consistent with Appendix 1 of *Our Requirements – Environment and Climate Change*.
- HSE Team to ensure targets are defined:
  - in conjunction with environmental technical professionals and operational leadership
  - to consider business priorities, cost and technical considerations
  - to meet SMART criteria (specific, measureable, achievable, realistic, and time bound).
- HSE Team to develop controls, based on the mitigation hierarchy defined in *Our Requirements – Environment and Climate Change*, to manage the identified risks and achieve the target outcomes.

**Note:** Regulatory requirements and permit conditions may be used as targets where they are designed to achieve an environmental result and not general requirements to minimize impacts.

**Outputs** 1. Draft Target Environmental Outcomes for land, biodiversity, water, and air  
2. Control measures to achieve the defined targets

### Step 3. Validate draft Target Environmental Outcomes

- Environment and Regulatory A&I Team to review the risk assessment and target environmental outcomes, verifying conformance with Step 1 and 2:
  - provide feedback to the HSE Team based on the review.
- HSE Team to refine targets based on feedback received.

**Outputs** 1. Validate risk assessment and Target Environmental Outcomes

### Step 4. Endorse Target Environmental Outcomes

- HSE Team to present the Target Environmental Outcomes to the Asset Manager, or equivalent. Material will include:
  - targets and justification
  - description on how the targets will be monitored and reported
  - controls to achieve the targets, including an analysis of costs (direct and indirect), change of impacts, and implementation plan
  - timing to achieve each target.
- Asset Manager, or equivalent, to record endorsement using *Approvals Required Under Our Requirements – Environment and Climate Change* (PET-HSE27-EN-FRM-00001).

**Outputs** 1. Endorsed Target Environmental Outcomes using *Approvals required under Our Requirements – Environment and Climate Change* (PET-HSE27-EN-FRM-00001)

### Step 5. Approve Target Environmental Outcomes

- HSE Team, with support from Asset Manager or equivalent, to present the Target Environmental Outcomes to the Asset Vice President or equivalent.
- Asset Vice President to record approval using *Approvals required under Our Requirements – Environment and Climate Change* (PET-HSE27-EN-FRM-00001).

**Outputs** 1. Authorized Target Environmental Outcomes using *Approvals required under Our Requirements – Environment and Climate Change* (PET-HSE27-EN-FRM-00001)

### Step 6. Monitor and test controls to achieve Target Environmental Outcomes

- HSE Team to define method and frequency for monitoring progress against Target Environmental Outcomes.
- HSE Team to assess the design and control effectiveness for achieving Target Environmental Outcomes on an annual basis when revalidating the risk assessment.

**Outputs** 1. Monitoring method and frequency  
2. Annual test of control effectiveness to achieve the Target Environmental Outcomes

## Roles and Responsibilities

Role	Responsibilities
<b>HSE Team</b>	<ul style="list-style-type: none"><li>• Facilitates the development of the target environmental outcomes</li><li>• Assesses the design and controls effectiveness for achieving TEOs annually</li></ul>
<b>Environment and Regulatory A&amp;I Team</b>	<ul style="list-style-type: none"><li>• Reviews the risk assessment and target environmental outcomes</li></ul>
<b>Asset Manager or equivalent<sup>1</sup></b>	<ul style="list-style-type: none"><li>• Endorses TEOs</li></ul>
<b>Asset Vice President or equivalent</b>	<ul style="list-style-type: none"><li>• Approves TEOs</li></ul>

<sup>1</sup> For example – Head of Wells & Seismic Delivery