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Project Environmental Planning Checklist

AF-1376

Guidance to the Project Manager or Responsible Officer

- **ALL PROJECTS MUST COMPLETE THIS FORM.**
- This form forms the initial screening of environmental protection and environmental sustainability requirements for all projects at ANSTO.
- Don't consider impacts resulting from normal operations following the project.
- For all new buildings and refurbishments to >20% of an existing building, a sustainable design plan must be developed, budgeted and implemented.
- For all projects where >100 m² of soil is likely to be disturbed, a landscaping remediation plan must be developed, budgeted and implemented. Disturbance <100m² must be returned to its prior state at a minimum.
- For all projects involving the decommissioning / demolition of a building or part thereof, regardless of size or budget, [AF-5947 Project/Construction Environmental Management Plan](#) **must** be completed prior to on-ground activities commencing.
- For all other projects with a budget >\$250k, where environmental impacts may occur, [AF-5947 Project/Construction Environmental Management Plan](#) **must** be completed.
- For some specific cases, a separate plan may be required, e.g. an asbestos management plan or a waste management plan.
- Forward the completed form to the Environmental Management Leader at: environmentalmanagement@ansto.gov.au

Section A: Project Details

Project Manager or Responsible Officer Name	
Date	
Project Title	
Project Number	
Customer Name	
Customer Contact Details	

Revision: 4	Review Due: 28/10/2024	Effective Date: 28/10/2021
Approved by: ANSTO Quality Manager		Custodian: Environmental Management Leader

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Section B: Screening Questions			
Question		Response	
1a	Will the project involve the construction of a new building or refurbishment to >20% of an existing building?	<input type="checkbox"/> Yes A sustainable design plan must be developed, budgeted and implemented. Proceed to Question 2	<input type="checkbox"/> No Proceed to Question 2
2	Will the project likely disturb any surface soil? (consideration must be given to potential legacy issue, i.e. asbestos removal)	<input type="checkbox"/> Yes, >100 m ² A site landscaping and remediation plan must be prepared, budgeted and implemented in accordance with the ANSTO Building Code. If you answered yes to this question you will have to answer yes to Question 5b Proceed to Question 3a	<input type="checkbox"/> Yes, <100 m ² All disturbed ground must be returned to its prior-project state in accordance with the ANSTO Building Code. If you answered yes to this question you will have to answer yes to Question 5b Proceed to Question 3a
3a	Is this project considered a 'Nuclear Action' as defined in s.22 of the Environment Protection and Biodiversity Conservation Act 1999 ?	If you checked any one of the check boxes in Section E1 (page 6), you must select Yes here.	
		<input type="checkbox"/> Yes An EPBC Referral must be prepared and submitted to the Minister for the Environment. Proceed to Question 3c	<input type="checkbox"/> No Proceed to Question 3b
3b	Is it possible the project will have an impact on any other Matter of National Environmental Significance ?	If you checked any one of the check boxes in Section E2 (page 6), you must select Yes here.	
		<input type="checkbox"/> Yes An EPBC Referral may be required, consult the Environmental Management Leader for further advice. Proceed to Question 3c	<input type="checkbox"/> No Proceed to Question 3c
3c	Will the project have a direct impact on land not owned or tenanted by ANSTO?	<input type="checkbox"/> Yes Further approvals may be required. Consult the Environmental Management Leader for further advice. Proceed to Question 4	<input type="checkbox"/> No Proceed to Question 4

Section B: Screening Questions			
Question		Response	
4	Will this project involve decommissioning / demolishing part or all of a building?	<input type="checkbox"/> Yes Proceed to Question 7 – you must select yes to questions 5a and 5b.	<input type="checkbox"/> No Proceed to Question 5a
5a	Will the project produce hazardous or restricted waste, or landfill waste beyond normal operating conditions (ie. construction waste)?	If you checked any one of the check boxes in Section C (page 4), you must select Yes here. <input type="checkbox"/> Yes A waste management plan meeting the minimum standards of the ANSTO Building Code must be prepared. Characterisation of this waste will be required prior to disposal. Proceed to Question 5b	<input type="checkbox"/> No Manage waste in accordance with ANSTO's existing waste management system. Proceed to Question 5b
5b	Will the project have <u>any</u> possible direct impact on the environment?	If you checked any one of the check boxes in Section D (page 4-5), you must select Yes here. <input type="checkbox"/> Yes An EPBC Referral may still be required, consult the Environmental Management Leader for further advice. Proceed to Question 6	<input type="checkbox"/> No No further environmental assessment is required, monitor project for any environmental incidents. END SCREENING QUESTIONS HERE
6	Will the project likely have a project spend >\$250,000?	<input type="checkbox"/> Yes Proceed to Question 7	<input type="checkbox"/> No Complete a SWMES identifying all possible impacts identified in Section C (page 4) of this form. A copy of the SWMES must be provided to the Environmental Management Leader. No further environmental assessment is required. END SCREENING QUESTIONS HERE
7	Will the project likely engage an external Principal Contractor?	<input type="checkbox"/> Yes AF-5947 P/CEMP must be completed, however Appendices A and B of AF-5947 are not required to be completed if these will be completed in the Principal's P/CEMP. END SCREENING QUESTIONS HERE	<input type="checkbox"/> No AF-5947 P/CEMP must be completed, including Appendix A and B. END SCREENING QUESTIONS HERE

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Section C: Waste Production	
Will any hazardous or restricted waste be produced?	<input type="checkbox"/> Asbestos or tyres <input type="checkbox"/> Hazardous or restricted waste (refer to NSW EPA Waste Classification Guidelines , NSW EPA Waste Tracking Requirements or Victorian EPA Waste Classification guidance)
Will any other waste be produced that will require disposal offsite?	<input type="checkbox"/> > 50 kg non-recycled material / day or >1,000 kg non-recycled material in total over the life of the project <input type="checkbox"/> Excavated material

Section D: Environmental Impact Criteria	
Is there a possibility of harm to flora, fauna, endangered ecological communities or heritage?	<input type="checkbox"/> Flora <input type="checkbox"/> Fauna <input type="checkbox"/> Endangered ecological communities <input type="checkbox"/> Aquatic environments (including erosion) <input type="checkbox"/> Significant heritage items (onsite or within the Buffer Zone)
Is there a possibility of discharge or spill to stormwater, groundwater or onto lands of any of these substances?	<input type="checkbox"/> Chemicals, including fuels <input type="checkbox"/> Sediment or spoil - if any excavation is occurring, this must be selected. <input type="checkbox"/> Concrete wash-down <input type="checkbox"/> Sewerage / Tradewaste <input type="checkbox"/> Radiological liquid <input type="checkbox"/> Other non-specified pollutants
Is there a possibility of emissions to air of any of these substances?	<input type="checkbox"/> Asbestos- (you may require an asbestos management plan – refer to AP-2522 Risk Management of Asbestos) <input type="checkbox"/> Synthetic greenhouse gases with an H420 hazard category or are regulated under the Ozone Protection and Synthetic Greenhouse Gas Management Act 1989 , including: Hydrofluorocarbons (HFCs) Perfluorocarbons (PFCs)

Section D: Environmental Impact Criteria	
	<p style="text-align: center;">Sulphur hexafluoride (SF6)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Radiological gases - ensure you consult the Regulatory Affairs Manager <input type="checkbox"/> Heavy metals, such as mercury, lead or cadmium. <input type="checkbox"/> Odours <input type="checkbox"/> Dusts <input type="checkbox"/> Equipment, vehicle or plant emissions beyond normal ANSTO operational activity <input type="checkbox"/> Other non-specified pollutants
<p>Will the project consume excessive amounts of energy or natural resources?</p> <p>(These thresholds correspond to an impact rating of 'low' as defined in AG-5719 Consumptive Environmental Aspects - Impact Determination)</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Electricity consumption > 2,000 kWh / day <input type="checkbox"/> Water consumption > 15,000 L / day <input type="checkbox"/> Hydrocarbon fuel consumption > 8 GJ-e / day <input type="checkbox"/> Excavated material <input type="checkbox"/> Other significant consumption of resources
<p>Will there be any other potential impacts on the local environment?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Excessive noise <input type="checkbox"/> Vibration <input type="checkbox"/> Traffic congestion <input type="checkbox"/> Lighting at night <input type="checkbox"/> Unpleasing aesthetics <input type="checkbox"/> Excessive water discharge to stormwater <input type="checkbox"/> Excessive water discharge to sewer (>10,000 L / day) <input type="checkbox"/> Other non-specified

Section E1: Nuclear Actions as defined under s.22 of the <i>Environment Protection and Biodiversity Conservation Act 1999</i>	
Will the project involve:	<ul style="list-style-type: none"> <input type="checkbox"/> Establishing or significantly modifying a nuclear installation <input type="checkbox"/> Transporting spent nuclear fuel or radioactive waste products arising from reprocessing <input type="checkbox"/> Establishing or significantly modifying a facility for storing radioactive waste products arising from reprocessing <input type="checkbox"/> Mining or milling uranium ores <input type="checkbox"/> Establishing or significantly modifying a large-scale disposal facility for radioactive waste <input type="checkbox"/> Decommissioning or rehabilitating any facility or area in which one of the above has been undertaken <input type="checkbox"/> Any other type of action set out in the EPBC Regulations. <p>For the avoidance of doubt, proposed projects involving the recovery of sands or rare earths may constitute a 'nuclear action' if the proposed project falls within the above definition.</p> <p>A decision about whether a disposal facility is large scale will depend on factors including the activity of the radioactive materials to be disposed of (see regulation 2.02 of the Environment Protection and Biodiversity Regulations 2000).</p>

Section E2: Significant impact on other matters of national environmental significance as defined under Part 3 of the <i>Environment Protection and Biodiversity Conservation Act 1999</i>	
Is there a possibility the project will have an impact on any of these features?	<ul style="list-style-type: none"> <input type="checkbox"/> World heritage property <input type="checkbox"/> National heritage places <input type="checkbox"/> Wetlands of international importance (Ramsar wetlands) <input type="checkbox"/> Listed threatened species and ecological communities <input type="checkbox"/> Listed migratory species <input type="checkbox"/> Commonwealth marine environment, including Commonwealth managed fisheries <input type="checkbox"/> Great Barrier Reef Marine Park

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