

ENVIRONMENT PROTECTION APPROVAL

(Pursuant to section 34 of the *Waste Management and Pollution Control Act*)

Approval Holder	City of Darwin*
Approval Number	EPA321
Registered Business Address	City of Darwin* 1 Harry Chan Avenue Darwin NT 0800
ABN	11 503 313 301
Premises Address	Lot 08700 Town of Nightcliff plan(s) S 79/149A and Portion 02260 Hundred of Bagot plan(s) S 79/149B and Lot 03952 Town of Sanderson plan(s) S 79/149A 124 BUFFALO CREEK RD, LEE POINT and 143 BUFFALO CREEK RD, BUFFALO CREEK and VANDERLIN DR, HOLMES
Anniversary Date:	11 May
Commencement Date:	11/05/2021
Expiry Date:	10/05/2023
Scheduled Activity	Constructing, installing or carrying out works in relation to premises for disposing of waste by burial.
Description	<p>The construction of the final capping of Stages 3 and 4 waste cells at the Shoal Bay Waste Management Facility (SBWMF), consisting of:</p> <ul style="list-style-type: none">• land fill gas depressurisation strips connected to passive gas vents,• soil subgrade,• coated geotextile clay liner,• anchor trenches,

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- irrigation transfer pipes,
- stormwater drainage system and vegetation (Vetiver grass).

The final capping proposal designed by Golder Associates Pty Ltd (the **designer**) and submitted to the NT EPA on 23 December 2020 (the **final capping design**) on Stage 3 and 4 has been assessed against the NT EPA *Guideline for Siting, Design and Management of Solid Waste Disposal Site, 2013* and verified by Tonkin and Taylor Pty Ltd, an independent environmental auditor.

Steep slope gradients of stages 3 and 4 and associated technical challenges require engineering solutions in the final capping design to address cap and waste cell stability and integrity to reduce potential for environmental harm.

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ATTACHMENTS

There are no attachments

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INFORMATION ABOUT THIS APPROVAL

- This approval does not in any way relieve the approval holder from its obligations to comply with the *Waste Management and Pollution Control Act* (WMPC Act), including the general environmental duty in section 12 of the WMPC Act and the duty to notify of incidents causing or threatening to cause pollution under section 14 of the WMPC Act.
- The Shoal Bay Waste Management Facility is authorised to treat, store and dispose of waste under an Environmental Protection Licence (EPL 188).
- This approval relates to the construction of the final capping of stages 3 and 4.

Duration of an approval (section 41 of the WMPC Act)

- An approval will remain in force until:
 1. its expiry date; or
 2. a licence for the premises to which the approval relates comes into force; or
 3. where no expiry date is stated in the approval, two years.
- The approval holder may apply to the NT EPA for an extension or reduction of the period specified on an approval.

Amendment or Revocation of conditions of an approval (section 37 of the WMPC Act)

- The approval holder may apply to amend or revoke a condition of this approval.
- A fee applies and the application must be made using the designated form via NT EPA Online.
- The NT EPA may also amend or revoke a condition of this approval as set out in section 38 of the WMPC Act.

Transfer of an approval (section 46 of the WMPC Act)

- The approval holder can apply to transfer their approval to another person.

Extension of an approval (section 41 of the WMPC Act)

- The approval holder may apply to extend their approval not earlier than 90 days, and not later than 30 days, before their approval expires.
- A fee applies and the application must be made via NT EPA Online.

Public Register

- A copy of environment protection approvals and any plans for environmental management, required as a condition of an environment protection approval, will be placed on a register in accordance with section 9 of the WMPC Act.
- A copy of the Annual Return will be placed on the register.
- The NT EPA makes this register freely available from the NT EPA website.

Environment Protection Objectives (Part 4 of the WMPC Act), and Water Quality Standards (section 73 of the *Water Act*)

- An Environment Protection Objective (EPO) is a statutory instrument to establish principles on which:
 - a. environmental quality is to be maintained, enhanced, managed or protected;

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- b. pollution, or environmental harm resulting from pollution, is to be assessed, prevented, reduced, controlled, rectified or cleaned up; and
 - c. effective waste management is to be implemented or evaluated.
- In accordance with section 18 of the WMPC Act a beneficial use, quality standard, criteria or objective declared under section 73 of the *Water Act* and in force is an environment protection objective for the purposes of the WMPC Act.
- The following EPOs and Beneficial Use Declarations (BUDs) are relevant to this approval:

Environmental Interests

- This section highlights sensitivity of the surrounding land use and environment associated with the location of the approved activity.
- Sites of Conservation Significance
- Ramsar Wetland

Cultural Interests

- It is the approval holder's responsibility to contact the Aboriginal Areas Protection Authority and ensure that any Authority Certificates required as a result of conducting the activity are obtained and complied with.

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RULES FOR INTERPRETING THE CONDITIONS OF THIS APPROVAL

- Where there is a discrepancy between the conditions of this approval and any plan, standard, guideline or other document referred to in this approval, the conditions of this approval prevail to the extent of the inconsistency.
- Any reference to any standard (Australian or international) in this approval means the relevant parts of the current version of that standard.
- A reference to any guideline or code of practice (or to the relevant parts of any guideline or code of practice) in this approval means the current version of the guideline or code of practice.
- Under section 39 of the WMPC Act, any contravention of or failure to comply with this approval by the approval holder may be an offence.
- In determining whether the approval holder has committed an offence, the approval holder may be liable for the conduct of its directors, employees or agents.
- The approval holder should ensure that each of its directors, employees, contractors or agents are aware of, and comply with, this approval.
- In this approval, unless the contrary intention appears, words that are defined in the WMPC Act are intended to have the meaning given to them in that Act.

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APPROVAL CONDITIONS

GENERAL

- 1 The approval holder must ensure the contact details recorded in NT EPA Online for this approval are correct at all times.
- 2 The approval holder must at all times have a 24 hour emergency contact.
- 3 The approval holder must cause clear and legible signage, in English, to be displayed in a prominent location at each public entrance to the premises that includes the following details:
 - 3.1 environment protection approval number issued under the WMPC Act; and
 - 3.2 24 hour emergency contact details.
- 4 The approval holder must provide to the NT EPA, within 10 business days of a request, a copy of any document, monitoring data or other information in relation to the activity, in the format requested by the NT EPA.
- 5 All notices, reports, documents or other correspondence required to be provided as a condition of this approval, unless otherwise specified as a condition of this approval, must be provided in electronic form by uploading the document via NT EPA Online (or by emailing waste@nt.gov.au).
- 6 The NT EPA may require the approval holder to revise or amend and resubmit any amended document. Where the NT EPA requires a document to be resubmitted, the approval holder must submit it to the NT EPA by the date specified by the NT EPA.
- 7 The approval holder must, for the duration of this approval, implement, maintain and follow a Consultation and Communication Plan which includes a strategy for communicating with persons who are likely to have a real interest in, or be affected by, the activity.
- 8 The approval holder must operate and maintain a community feedback number.
- 9 The approval holder must display the community feedback number:
 - 9.1 where the approval holder has a website, in a prominent location on the approval holders website;
 - 9.2 in the Consultation and Communication Plan;
 - 9.3 in other publicly available documents relating to the activity.
- 10 The approval holder must maintain a Complaint Log for all complaints received by the approval holder in relation to the activity.
- 11 The approval holder must ensure that the Complaint Log includes, for each complaint received by the approval holder, the following information:
 - 11.1 the person to whom the complaint was made;
 - 11.2 the person responsible for managing the complaint;
 - 11.3 the date and time the complaint was reported;
 - 11.4 the date and time of the event(s) that led to the complaint;
 - 11.5 the contact details of the complainant if known, or where no details are provided a note to that effect;

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- 11.6 the nature of the complaint;
 - 11.7 the nature of event(s) giving rise to the complaint;
 - 11.8 prevailing weather conditions at the time (where relevant to the complaint);
 - 11.9 the action taken in relation to the complaint, including any follow-up contact with the complainant;
and
 - 11.10 if no action was taken, why no action was taken.
- 12 The approval holder must implement, maintain and follow an Emergency Response Plan that addresses procedures for responding to emergencies associated with the activity that may cause environmental harm.

REQUIRED OUTCOMES

- 13 The required outcomes of the final capping must:
- 13.1 limit infiltration of leachate and rainfall water into the waste, and ensure that the infiltration rate does not exceed the seepage rate through the base of the landfill;
 - 13.2 preclude cell wall failure, slippage or erosion;
 - 13.3 manage landfill gas in stages 3 and 4 in the approved manner; and
 - 13.4 preclude leachate discharging from stages 3 and 4.
- 14 The approval holder must implement the recommendations made by the independent environmental auditor in the report entitled Design Verification Report Shoal Bay Landfill Cap Design Verification (Tonkin and Taylor Pty Ltd Job Number 1014301.v1) dated 23 December 2020 in the final capping design.
- 15 The approval holder must provide written verification to the NT EPA from the independent environmental auditor that the final capping design complies with the auditor's recommendations in the report referred to in condition 14.
- 16 The final capping must be constructed in accordance with the final capping design verified by the independent environmental auditor under condition 15.
- 17 After completion of the final capping of stages 3 and 4, the independent environmental auditor must certify that the constructed capping complies with the final capping design.
- 18 The approval holder must ensure that any modification of the final capping design following the date of this approval is:
- 18.1 approved by the designer and independent environmental auditor prior to implementation of the change or modification;
 - 18.2 any modifications of the design must be recorded in updated plans of the works; and
 - 18.3 updated plans must be provided to the NT EPA prior, as soon as possible.

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

- 19 Prior to commencing the activity, the approval holder must develop and provide to the NT EPA a Construction Environmental Management Plan (CEMP) for the activity that identifies potential

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environmental impacts associated with the activity and mitigation measures to be implemented to reduce the environmental impacts.

- 20 The receipt by the NT EPA of the CEMP does not provide any actual or implied approval by the NT EPA of the CEMP.
- 21 The CEMP must be consistent with the final capping design verified by the independent environmental auditor.
- 22 The CEMP must include:
- 22.1 erosion and sediment control measures;
 - 22.2 emergency response plan that addresses procedures for responding to emergencies associated with the activity that may cause environmental harm;
 - 22.3 environmental nuisance control measures;
 - 22.4 any other control measures to manage construction environmental impacts associated with the activity.
- 23 The approval holder must comply with the CEMP.

CONSTRUCTION QUALITY ASSURANCE PLAN

- 24 At least 30 business days prior to commencing the activity, the approval holder must provide a Construction Quality Assurance Plan (CQAP) for the activity to the NT EPA.
- 25 The receipt by the NT EPA of the CQAP reports does not provide any actual or implied approval by the NT EPA of the CQAP.
- 26 The CQAP must be consistent with:
- 26.1 the design for the completed capping verified by the independent environmental auditor; and
 - 26.2 the CEMP for the construction of the cap and ancillary facilities.
- 27 The CQAP must:
- 27.1 include a scope of works;
 - 27.2 include the final technical specifications and design drawings of the works;
 - 27.3 provide the technical qualifications of the person(s) who will be overseeing the CQAP;
 - 27.4 describe the details of any proposed inspection, testing and verification methods (including procedures, responsibilities, frequency and reporting);
 - 27.5 include roles and responsibilities for the implementation of the CQAP;
 - 27.6 clearly define the performance indicators and measures which will be used by the independent environmental auditor to determine that the cap has achieved the outcomes in condition 13.
- 28 The approval holder must comply with the CQAP.

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OPERATIONAL

- 29 The approval holder must ensure any plant and equipment used by the approval holder in conducting the activity:
- 29.1 is reasonably fit for the purpose and use to which it is put.
 - 29.2 is maintained.
 - 29.3 is operated by a person trained to use the plant and equipment.
- 30 The approval holder must ensure that wastewater generated from washing plant and equipment associated with the activity does not cause pollution.
- 31 The approval holder must segregate waste generated at the premises in clearly designated areas for recycling, re-use or disposal.
- 32 The approval holder must ensure that all materials that are likely to cause environmental harm are handled and stored in areas with a containment system in accordance with the relevant Australian Standard. Where no relevant Australian Standard exists, the containment system must be sized to contain 110% of the volume of the largest container within the area.
- 33 Excavation for anchor trenches must be no more than a 12 metre wide section at any one time.
- 34 There must be no escape of gas from stages 3 and 4 at any stage during the installation of the capping.
- 35 The approval holder must place a minimum cover soil layer of 750mm over the cap barrier geomembrane.
- 36 The cover soil material excavated for reuse must not contain more than 10 percent waste material by volume.
- 37 At the end of every day of the activity, the daily cover must be at least 100mm.
- 38 The polymer coated geosynthetic clay liner panel ends must overlap by a minimum of 300mm long edge and 500mm short edge, with overlaps to be taped to seal joints.
- 39 The approval holder must provide clear and legible markers where the polymer coated geosynthetic clay liner has been taped for future integrity inspections.

IRRIGATION, OPERATIONAL AND MAINTENANCE REQUIREMENTS

- 40 Prior to any irrigation, the approval holder must develop an Irrigation, Operations and Maintenance Program in accordance with the *Use of Effluent by Irrigation Guideline* by the Department of Environment and Conservation (NSW) 2004 to:
- 40.1 manage the impact of treated leachate on soil structure for the specific soil type;
 - 40.2 the quality of runoff leaving the irrigation area from the use of saline irrigation water; and
 - 40.3 repair and maintenance of surfaces such as vegetation, draining and cover soil top up.
- 41 Prior to finalising the final capping design, the independent environmental auditor must verify that the Irrigation, Operations and Maintenance Program is suitable for the capping of stages 3 and 4.
- 42 The Irrigation, Operations and Maintenance Program and the verification referred to in condition 40 must be submitted to the NT EPA.

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The receipt by the NT EPA of the Irrigation, Operations and Maintenance Program under condition 42 does not provide any actual or implied approval by the NT EPA of that program.

- 44 The approval holder must ensure that any irrigation, repair or maintenance specified by the auditor are undertaken in accordance with the Irrigation, Operations and Maintenance Program as verified by the independent environmental auditor.

DISCHARGES AND EMISSIONS

- 45 The approval holder must ensure there is no migration or overflow of a contaminant or waste, which causes or may cause environmental harm, beyond the boundary of the land on which the premises are located.

(For the avoidance of doubt, this condition is not intended to authorise the discharge of a contaminant or waste to any land or water which discharge has not been specifically authorised by another condition of this approval.)

- 46 The approval holder must not allow a contaminant or waste, which causes or may cause environmental harm, to enter water.
- 47 The approval holder must ensure that stormwater does not come into contact with a contaminant or waste, which causes or may cause environmental harm.

ENVIRONMENTAL AUDIT

- 48 The approval holder must undertake, on completion of the activity, an environmental audit by a qualified person to evaluate the extent to which compliance has been achieved with this approval.
- 49 The approval holder must submit the proposed scope for the environmental audit no later than 20 business days prior to the proposed commencement date of the environmental audit (which must be specified when the proposed scope is submitted), to the NT EPA for review and approval.
- 50 The NT EPA may require the approval holder to revise or amend and resubmit any proposed scope for an environmental audit. Where the NT EPA requires the environmental audit scope to be resubmitted, the approval holder must submit it to the NT EPA by the date specified by the NT EPA.
- 51 The approval holder must submit to the NT EPA, at completion of the activity, a review of the completed activity with certification from a qualified person(s) that the works conducted:
- 51.1 were constructed in accordance with the plans provided in condition 27 or as revised under condition 18; and
 - 51.2 'as constructed' will deliver the required outcomes as prescribed in condition 13.

MONITORING

- 52 The approval holder must ensure that each leachate breakout event encountered during construction is:
- 52.1 measured using a flow metre to record the volume of leachate intercepted and transferred;
 - 52.2 sampled for parameters specified in Table 1;
 - 52.3 transferred to the onsite leachate management system.

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Table 1. Field parameters and analytical suite from samples collected from leachate breakouts

Field Parameters	Units	Laboratory Parameters	Units
pH	pH units	Major ions (Ca, Mg, Na, K, Co3m HCO3, Cl, SO4	mg/L
Electrical Conductivity	µS/cm	Nutrients (nitrate, nitrite, ammonia, total organic nitrogen, reactive phosphorus)	µg/L
Temperature	°C	Total and Dissolved Al, Cd, Cr III, Cr VI, Cu, Fe II, Pb, Mn, Ni, Zn	µg/L
Dissolved Oxygen	% saturation	Chemical Oxygen Demand	mg/L
		Total Organic Carbon	mg/L
		Total Recoverable Hydrocarbons	µg/L
		Polycyclic Aromatic Hydrocarbons	µg/L
		Benezene, Toluene, Ethylbenzene, Xylene and Naphthalene	µg/L
		Total Phenolics	µg/L
		Polychlorinated Biphenyls	µg/L
		PFAS analysis for 28 separate compounds of Per and Polyfluoroalkyl substances	LC-MS/MS

- 53 The approval holder must ensure that all samples and field environmental data are representative of the conditions at the time of sampling.
- 54 The approval holder must ensure that all samples and field environmental data are collected in accordance with recognised Australian Standards and guidelines (such as AS/NZS 5667, ANZECC/ ARMCANZ).
- 55 The approval holder must ensure that all monitoring samples are analysed at a laboratory with current NATA accreditation or equivalent, for the parameters to be measured.
- 56 The approval holder must ensure that, for each sample collected the following information must be recorded and retained:
- 56.1 the date on which the sample was collected;
 - 56.2 the time at which the sample was collected;
 - 56.3 the location, including GPS coordinated, at which the sample was collected;
 - 56.4 the name of the person who collected the sample;
 - 56.5 the chain of custody forms relating to the sample;
 - 56.6 the field measurements (if any) and analytical results (if any) relating to the sample; and
 - 56.7 laboratory quality assurance and quality control documentation.

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RECORDING AND REPORTING

- 57 The approval holder must keep records of all non-compliances with this approval. These records must be adequate to enable the approval holder to comply with the non-compliance notification conditions of this approval.
- 58 The approval holder must notify the NT EPA of any non-compliance with this approval by completing the Non-Compliance Notification via NT EPA Online (or by emailing waste@nt.gov.au), as soon as practicable after (and in any case within 24 hours after) first becoming aware of the non-compliance.
- 59 The approval holder must include in the notification of non-compliance the following information:
- 59.1 when the non-compliance was detected and by whom;
 - 59.2 the date and time of the non-compliance;
 - 59.3 the actual and potential causes and contributing factors to the non-compliance;
 - 59.4 the risk of environmental harm arising from the non-compliance;
 - 59.5 the action(s) that have or will be undertaken to mitigate any environmental harm arising from the non-compliance;
 - 59.6 corrective actions that have or will be undertaken to ensure the non-compliance does not reoccur;
 - 59.7 if no action was taken, why no action was taken; and
 - 59.8 a date when an incident investigation report will be submitted to the NT EPA.

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END OF APPROVAL CONDITIONS

This approval is not valid unless signed below:



Amy Dennison
Executive Director
Delegate of the Northern Territory
Environment Protection Authority
Dated: 26/05/2021

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DEFINITIONS

All terms in the Approval which are defined in the *Waste Management and Pollution Control Act* have the meaning given in that Act unless otherwise or further defined in this section.

DEFINITION	In this approval, unless a contrary intention appears:
24 hour emergency contact	the phone number of a person who can be contacted at any time and be capable of responding to and providing information about any incident associated with the activity.
Activity	the activity as described next to the heading "Description" on the covering page of this approval.
Air	includes any layer of the atmosphere.
Annual fee	yearly fee payable in respect of the activity as specified in the WMPC Act and the Regulations.
Annual Return	an NT EPA prescribed format for demonstrating and reporting compliance with the conditions of this approval and providing information on waste volumes for the preceding 12 month period.
ANZECC/ARMCANZ	Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand, 2000: National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting.
Asbestos containing material	any material that contains asbestos.
Business days	a day not Saturday, Sunday or a public holiday, in the Northern Territory.
Community feedback number	a telephone number enabling members of the public to contact, at any time, a person or voice mail system that can accept, on behalf of the approval holder, enquiries or complaints about the activity, and to which the approval holder must respond.
Complaint log	a register of complaints to be maintained by the approval holder that records the details of each complaint received in relation to the activity.
Consultation and Communication Plan	a written plan documenting proposed consultation and communications for the activity before, during and after the activity which includes a strategy for communicating with members of the public who are likely to have a real interest in, or be affected by, the activity.
Contact details	includes the 24 hour emergency contact, and name, position title and phone number of a representative of the approval holder who can be contacted about the approval and activity.
Contaminant	a solid, liquid or gas or any combination of such substances and includes: (a) noise, odour, heat and electromagnetic radiation; (b) a prescribed substance or prescribed class of substances; and (c) a substance having a prescribed property or prescribed class of properties.
Designer	means Golder Associates Pty Ltd or anyone else associated with the design of the final capping design from time to time.

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Discharges	allow a liquid, gas or other substance to flow out from where it has been confined.
Emergency response plan	a written plan documenting the approval holder's procedures for responding to emergencies caused by, resulting from or associated with the activity and that may cause environmental harm.
Environmental audit	has the meaning given in section 47 of the W MPC Act.
Environmental harm	(a) any harm to or adverse effect on the environment; or (b) any potential harm (including the risk of harm and future harm) to or potential adverse effect on the environment, of any degree or duration and includes environmental nuisance.
Environmental nuisance	means: (a) an adverse effect on the amenity of an area that: (i) is caused by noise, smoke, dust, fumes or odour; and (ii) unreasonably interferes with or is likely to unreasonably interfere with the enjoyment of the area by persons who occupy a place within the area or are otherwise lawfully in the area; or (b) an unsightly or offensive condition caused by contaminants or waste.
Final capping design	the final capping design referred to in the description of the Scheduled Activity.
Incident	includes: (a) an accident, emergency or malfunction; and (b) a deliberate action, whether or not that action was taken by the person conducting the activity in the course of which the incident occurred.
Land	includes water and air on, above or under land.
Landfill cell	a purpose built area for the disposal of waste within a landfill.
Leachate	any liquid produced by the action of water percolating through waste, and that contains contaminants.
Listed waste	a waste included under Schedule 2 of the Regulations.
Litter	litter, garbage, rubbish, refuse or waste matter, and includes the body of a dead animal.
Maintain	kept in a manner that it does not present or cause a risk of environmental harm or a hazard to persons or property or, for the purposes of documents including plans, a process of reviewing and amending documentation to ensure it is relevant.
Material environmental harm	environmental harm that: (a) is not trivial or negligible in nature; (b) consists of an environmental nuisance of a high impact or on a wide scale; (c) results, or is likely to result, in not more than \$50,000 or the prescribed amount (whichever is greater) being spent in taking appropriate action to prevent or minimise the environmental harm or rehabilitate the environment; or (d) results in actual or potential loss or damage to the value of not more than \$50,000 or the prescribed amount (whichever is greater).
NATA	National Association of Testing Authorities, Australia.
Non-compliance	failure or refusal to comply, whether by act or omission, with obligations or requirements and includes any exceedance of an approval limit.
Notification	a NT EPA prescribed format for notifying the NT EPA of a non-compliance.

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NT EPA Online	online system for Environment Protection Approval (EPL), Environment Protection Approval (EPA) and Waste Discharge Approval (WDL) lodgement and maintenance.
Plant and equipment	all material items used in association with the activity, including (but not limited to) storage vessels and containers, pipe work and hosing, vehicles (including vessels), tools, and measuring equipment.
Point source discharge	means any discernible, confined or discrete conveyance from which contaminants or waste are or may be discharged.
Pollute	(a) emit, discharge, deposit, or disturb, directly or indirectly, a contaminant or waste; or (b) cause, permit, or fail to prevent, directly or indirectly, the emission, discharge, deposition, disturbance or escape of a contaminant or waste.
Pollution	(a) a contaminant or waste that is emitted, discharged, deposited or disturbed or that escapes; or (b) a contaminant or waste, effect or phenomenon, that is present in the environment as a consequence of an emission, discharge, deposition, escape or disturbance or a contaminant or waste.
Premises	the premises identified in this approval which includes equipment, plant and structures, whether stationary or portable, and the land on which premises are situated.
Public entrance	access to the premises that is utilised by the public.
Putrescible waste	the component of the waste stream liable to become putrid. For example, organic matter that has the potential to decompose with the formation of malodorous substances, usually refers to vegetative, food and animal products.
Qualified person	a person registered under Section 68 of the WMPC Act.
Qualified sampler	a person who has training and experience in obtaining samples from the relevant environmental medium.
Regulations	<i>Waste Management and Pollution Control (Administration) Regulations.</i>
Rehabilitation Plan	a written plan to ensure that the objectives of rehabilitation are achieved as set out in the NT EPA Guidelines for the Siting, Design and Management of Solid Waste Disposal Sites in the Northern Territory.
Serious environmental harm	environmental harm that is more serious than material environmental harm and includes environmental harm that: (a) is irreversible or otherwise of a high impact or on a wide scale; (b) damages an aspect of the environment that is of a high conservation value, high cultural value or high community value or is of special significance; (c) results or is likely to result in more than \$50,000 or the prescribed amount (whichever is greater) being spent in taking appropriate action to prevent or minimise the environmental harm or rehabilitate the environment; or (d) results in actual or potential loss or damage to the value of more than \$50,000 or the prescribed amount (whichever is greater).
Solid inert waste	solid waste that has no active chemical or biological properties. These wastes do not undergo environmentally significant physical, chemical or biological transformation.
Stormwater	water flowing over ground surfaces, in natural streams and drains as a direct result

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of rainfall over a catchment and consists primarily of rainfall runoff.

Trigger values	assigned value for each indicator used to assess the risk to an environmental value, a value that initiates some type of pre-defined management action.
Waste	(a) a solid, a liquid or a gas; or (b) a mixture of such substances, that is or are left over, surplus or an unwanted by-product from any activity (whether or not the substance is of value) and includes a prescribed substance or class of substances.
Waste transport certificate	the NT EPA waste tracking documentation used to track listed waste being transported interstate as required in accordance with the National Environment Protection (Movement of Controlled Waste Between States and Territories) Measure.
Wastewater	water that contains a contaminant or waste.
Water	includes: (a) surface water, ground water and tidal waters; (b) coastal waters of the Territory, within the meaning of the <i>Coastal Waters (Northern Territory Powers) Act 1980</i> of the Commonwealth; and (c) water containing an impurity.
WMPC Act	the Northern Territory <i>Waste Management and Pollution Control Act</i> .