Wastewater discharge

**NOTE**: This form relates to an application for a tailored condition environmental mining licence.

For guidance on completing this attachment, read the Guidelines on Waste Discharge Licensing[[1]](#footnote-1) under the *Water Act 1992*.

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| Table 1 - Wastewater pollutants | | |
| Please tick to confirm the following is provided with this application: details of the activity that are essential for predicting impact to water, including microbiological and physicochemical properties and concentration of all wastewater pollutants and the risks they pose to the receiving waters. | | confirmed |
| Provide a summary of proposed wastewater pollutants and the risks they pose to receiving waters:  (Attach additional details if needed) | | |
| **Pollutant** | **Risk to receiving waters** | |
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| **Table 2 – Proposed discharge points & mixing zones** | | | | | | | |
| * Provide details of all proposed discharge points to water (including to waterways, groundwater and tidal waters). Complete one row for each point. | | | | | | | |
| **Unique identifier** | **Description** | **Coordinate system:** | **Location**  Onsite / Offsite | **Access**  Do you have access to the land and water over which wastewater is being discharged?  Yes/No | **Distance / proximity to receiving waters**  (m) | **Receiving waters**  (name / description) | **Catchment**  (name / description) |
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| **Coordinates:**  (x,y) |
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| * Provide details of all mixing zones | | | | | | | |
| **Unique identifier** | **Description** | **Coordinates:**  (x,y) | **Location**  Onsite / Offsite | **Comments** | | | |
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| **Table 2 – Waste discharge & mixing zone location map/s** | | |
| Attach a map showing all of the following information and features: | | |
| General features | * Coordinate system * Scale bar * North arrow * Legend * Contour lines * Boundary of proposed mining activity disturbance footprint * Mineral title boundaries (with titles labelled) * Cadastral boundaries (with parcel numbers labelled) * Sensitive receptors (e.g. local habitats and local water drainage areas, including all nearby creeks, wetlands, lakes, rivers, culturally significant or heritage sites etc.) * Adjoining land use (existing / proposed) | |
| Discharge related features |  | **Spatial data provided** (tick): |
| * Proposed discharge points |  |
| * Access points |  |
| * Access routes |  |
| * Expected Discharge flowpaths or course to receiving waters |  |
| * Mixing zone location / extent |  |

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| Table 3 - Supporting documents | |
| Attach all relevant supporting documentation: | |
| Additional details of wastewater pollutants and the risks they pose to receiving waters | Y / N |
| Wastewater discharge & mixing zone location map/s | Y / N |
| **Improvement plan**  Provide an improvement plan to demonstrate a commitment to the reduction and/or elimination of discharge through improved waste quality | Y / N |
| Discharge specifications  Provide a discharge schedule for each discharge point indicating: discharge flow rates, duration of discharge, discharge volume(s), time(s) of discharge and discharge patterns and monitoring regimes that demonstrate consideration of the water cycle based on tides and seasonal variations.  Provide proposed discharge specifications specific to each discharge point, including: a description of mechanisms for the control and measure of discharge; details of major items of equipment (for example aerators, diffusers, sprinkler types, pumps); the concentration of pollutants both before and after treatment at the point of discharge; criteria for discharge; and trigger values. | Y / N |
| Monitoring plan  Provide a proposed monitoring plan designed to assess any potential impacts associated with the waste discharge. The monitoring plan should include provision for the analysis of physicochemical, microbiological and chemical parameters of discharge waters and must incorporate in-stream monitoring points to assess and demonstrate the extent of impact associated with the proposed discharge. | Y / N |
| Monitoring reports  For activities with a history of monitoring, including water quality, sediment, biological or other environmental monitoring, please provide analytical summary tables and a trend analysis of monitoring results. For new activities a comparative analysis of the proposed discharge and a reference point in the receiving waters must be submitted. | Y / N |
| Consultation and communication plan  Details regarding community consultation is described in **Section C2** of the mining licence application form, including details regarding the consultation process conducted with key stakeholders and interested community members prior to submission of this application, and the outcomes; and ongoing plans for communicating with the same for the duration of the licence period. | Y / N |

1. <https://nt.gov.au/__data/assets/pdf_file/0016/1131073/waste-discharge-licensing-guidelines.pdf> [↑](#footnote-ref-1)