**ENVIRONMENTAL SITE-SPECIFIC INDUCTION**

The Site Supervisor must ensure that every employee or contractor involved in project activities has:

* Undertaken Banana Shire Council’s *Environmental Awareness – Introduction to environmental obligations* training
* Attended TMR’s Cultural Heritage Induction or an alternative Cultural Heritage Induction.

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| **Project Name:** *Injune Road Upgrade W8649 CH 49680-67100* | | |
| **Environmental and cultural heritage contacts** | | |
| Site Supervisor: *Murray Dingwall 0409 824 274* | |  |
| Project Support Officer: *Elena Hayward 0477 312 622 and Annie Nguyen 0475 598 226* | |
| Environmental Sustainability Team: *Jason Turner 0499 879 535* | |
| Cultural Heritage Officer: *Chris Welch, Director Council Services 4992 7328* | |
| **Environmental obligations and duties** | | |
| You have a **general environmental duty**:A person must not carry out any activity that causes, or is likely to cause, environmental harm unless the person takes all reasonably practicable measures to prevent or minimise the harm. This is law under the *Environmental Protection Act 1994* | |  |
| You have a **duty to notify** of environmental harm to your supervisor immediately.  This includes **environmental incidents** that may result in or threaten environmental impact, e.g., oil or chemical spill, vegetation clearing past approved limits, water pollution or sedimentation, unexpected contamination or cultural heritage find.  You have a **duty to restore the environment** to the condition before the environmental harm | |  |
| Direct **environmental complaints** to the Site Supervisor immediately | |  |
| Environmental management and protection measures are contained in the **Environmental Management Plan** (EMP). Staff roles and responsibilities are in an EMP appendix | |  |
| **Water quality** | | |
| Potentially affected watercourses/bodies or drains on or near the site include:  CH57405 – unnamed watercourse – Orange (Moderate)  CH58650 – Pine Creek – Purple (Major) | |  |
| No sediment-laden water is allowed to run from site. Divert clean stormwater around site | |  |
| **Erosion and sediment** | | |
| Minimise ground disturbance wherever possible. Use erosion and sediment controls  Refer to the *Erosion and Sediment Control Plan* included in IFC plans | |  |
| Check control measures prior to heavy rainfall or severe weather | |  |
| **Cultural heritage** | | |
| Cultural heritage and items of significance may be present.  Use the **Find – Stop – Notify – Manage** procedure outlined in the EMP if objects are found which may have cultural significance | |  |
| ***Cultural Heritage Monitoring is required during works.*** | |  |
| If skeletal remains are found, stop work immediately, notify the Site Supervisor who will call **000** and await instruction. Exclusion fencing will be erected around the site | |  |
| **Noise, vibration, and air quality** | | |
| Sensitive receptors to noise, vibration and air quality include residences, hospitals, schools, parks, businesses, and the natural environment in some cases. Consider the work site surroundings. | |  |
| **Sensitive Receptor** | **Management Strategies** |  |
| Travelling public | Water carts are used to suppress dust – avoid generating dust |
|  | All plant is to be maintained to reduce emissions and noise |
| **Contaminated sites** | | |
| Notify the Site Supervisor if any contamination is found. | |  |
| **Fauna** | | |
| Native wildlife and animal breeding places (including nests, hollows, caves or burrows or a structure these have been made in/on) are legally protected and must not be damaged, destroyed, moved or dug up.  Notify the Site Supervisor if an animal breeding place is identified and will be impacted by works. Do not continue work in the location unless authorised.  Refer to the EMP if interacting with animals or their breeding places for required protection measures | |  |
| To report sick, injured or orphaned wildlife, call the RSPCA hotline – 1300 ANIMAL (264 625) | |  |
| **Vegetation and limits of clearing** | | |
| Significant vegetation or habitat trees are to be retained where possible.  ***CH54130 – Habitat tree identified by Jason Turner (Principal Environmental Scientist) to be retained.*** *If removal is necessary, please contact Environmental Services Team prior to proceeding. Picture included at end of this report.*  Threatened species**,** **Eucalyptus beaniana,** must remain undisturbed. No construction works are to occur within 11m of the tree located at -25.63368,149.32202 (approx chainage 54945)  **Observe and abide by tree protection zones around trees identified in the Protected Plant Survey. Barricades have been erected in this area.** | |  |
| Minimise clearing where possible.  Of concern vegetation exists from Chainage 59750 to 60300 – minimise disturbance in this area.  Clearing limits **must not** to be passed without Site Supervisor approval, and in consultation with the Environmental Sustainability Team and/or Cultural Heritage Officer | |  |
| Any vegetation removal must be undertaken as per the EMP management measures | |  |
| To protect tree health, do not park vehicles or stockpile soil or mulch under tree drip lines | |  |
| **Weed and pest management** | | |
| Restricted or invasive weeds and other pests may be present.  Mitigation measures for weed management are contained in the EMP | |  |
| A *Weed Hygiene Declaration Form* is required for all plant and materials entering the site  Notify the Site Supervisor or PSO when plant or material arrive on site for inspection of the declaration and plant/material | |  |
| Weed seed washdown facilities are available at: *Taroom Washbay – Taroom-Roma Road* | |  |
| **Waste management** | | |
| Waste and surplus materials may be generated which include: general spoil.  Avoid, reduce, re-use and recycle waste wherever possible – reuse spoil or spread on stockpile. | |  |
| All rubbish generated is to be contained in lidded bins, located: *on the job truck* | |  |
| Waste or vegetation must not be burnt or buried | |  |
| **Chemicals and fuels** | | |
| Familiarise yourself with the various chemicals, fuels and propellants that are to be kept on site, the associated storage requirements, and in the case of a spill, be aware of the safety and environmental requirements as per the SDS | |  |
| Manage spills as per the *Hydrocarbon and Chemical Spill Response Procedure*  (EXEC-PP-PRO-119) contained within the EMP:  **ASSESS > SECURE > CONTROL > ABSORB > DISPOSE > REPORT** | |  |
| Spill kits are available *on the job truck.* | |  |
| Refuelling is not to be undertaken within 50 m of a watercourse. Refuelling locations: on site with pod trailer each day  Vehicle/plant servicing locations: *Taroom* | |  |
| **Rehabilitation and revegetation** | | |
| Stabilise disturbed areas as soon as possible | |  |
| Progressively rehabilitate. | |  |
| **Sourcing of construction materials** | | |
| Operators extracting water and gravel from natural sources must refer to the conditions of extraction in the EMP – legal requirements apply | |  |
| **Water extraction** may only occur from: *Borrow Pit at CH 51000 and Dawson River CH 75980*  The *Water Extraction Log* (DES-EM-40-044) must be maintained for all water take | |  |
| **Gravel** will be sourced from: *roadside pit and gravel cut from existing road.*  *Chainage 50200, 55100, 68670 – refer to EMP Appendix 14 for site maps.*  The *Quarry Material Extraction Register* (DES-EM-40-004) must be maintained for quarry materials | |  |
| **Other** | | |
| *Stockpile Pads located at CH55070, CH74220* | |  |
| ***Protected Plants Permit Requirements:***  *Works will be impacting on a mapped protected plants area. Council has obtained a clearing permit*  *authorising these activities.* ***Relevant conditions of the Permit for Works project staff include:***  ***Full conditions and copy of the permit are included in the EMP.***   1. *The permit allows for clearing within the protected plants area up to a maximum of 10 meters in the road reserve.* 2. *Clearing activities related to the upgrade of Injune Road will be minimised as much as possible.* 3. *Clearing is prohibited within 10 meters of the two E. beaniana trees.* 4. *All personnel must be aware of the nearby E. beaniana and the conservation significance of the species.* 5. *Flagging and signage must be installed between the closest E. beaniana and the road to demarcate the area and must remain in place until the works are complete.*   ***Barricading installed approx. CH54970***       1. *No work is to be conducted beyond the flagging and signage.* 2. *Dust management will be undertaken to prevent impacts from dust i.e. water carts* 3. *The two E. beaniana trees will be monitored through weekly inspections during construction to ensure flagging and signage remain in place,* 4. *If the trees show any signs of decline in health, Councils Environmental Sustainability Team must be notified immediately.* | |  |

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| ***CH54130 – Habitat tree to be retained.*** *Efforts should be made to retain the habitat tree. If removal is necessary, please contact EST prior to proceeding.* |  |

**Questions?**