



# WET TROPICS MANAGEMENT AUTHORITY

Your Ref:

Our Ref: WTM1468

Enquiries To: Brendan Malone

Telephone: 07 4052 0562

7 November 2011

Mr Scott Hannay  
Manager – Wind and Hydro Group  
Stanwell Corporation Ltd  
GPO Box 773  
BRISBANE QLD 4000

Dear Mr Hannay

***Wet Tropics Management Plan 1998 Permit Number WTMA11020***  
**Maintenance of Infrastructure**  
**within the Wet Tropics World Heritage Area**

I refer to Stanwell Corporation's application received 29 September 2011 applying for a Wet Tropics Management Authority permit to maintain the Stanwell Corporation's infrastructure located within the World Heritage Area (WHA).

I am pleased to advise that the Authority has decided this application and has granted Stanwell Corporation Ltd. a permit to undertake maintenance in the WHA for a period of five years until 30 November 2016.

Should you require any further information on this matter please contact Bruce Jennison on telephone 4052 0540.

Yours sincerely

Andrew Maclean  
Executive Director

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**Determination of Permit Application – Wet Tropics Permit**

**Wet Tropics Permit No: WTMA11020**

The Wet Tropics Management Authority (the Authority), having considered the proposed activity described below and, in accordance with Part 4 Division 2 of the *Wet Tropics Management Plan 1998* (WTM Plan), having taken into account to the fullest extent possible all matters likely to impact on the integrity of the Wet Tropics of Queensland World Heritage Area as a result of the proposed activity, **by this permit authorises:**

**Applicant:** Stanwell Corporation

**Address:** GPO Box 773  
Brisbane QLD 4001

- Permitted Activity(s):**
- S. 33. (a) - An activity the person was lawfully carrying out immediately before the commencement day.
  - S. 33. (c) - Maintaining a structure.
  - S. 33. (d) - Maintaining a road.
  - S. 33. (e) - Clearing vegetation around a structure or road existing immediately before the commencement day, or was lawfully built under this plan, to the extent necessary for its appropriate use.
  - S. 33. (i) - Killing or disposing of an undesirable plant.
  - S. 33. (j) (ii) - Operating a motor vehicle on a road depicted on a zoning map as a 'management' road, for the purpose of conservation management, scientific research or maintenance of community services infrastructure.
  - S. 33. (k) - Flying a motorised aircraft less than 1000 ft above the area.

**Location:** Koobooloomba Dam, V-notch Weirs and support infrastructure on Lot 3 CWL1903 & Electricity Works Reserve on Lot 4 CWL 1618 and on Lot 12 SP193022  
Barron Gorge Hydro Power Station, Valve Chamber and Surge Tank on Electricity Special Purpose Reserve 752 on NR 5189  
Communication Hut on Lot 37 CWL 3199  
Kareeya Hydro Power Station, cable car corridor and support infrastructure on Electricity Special Purposes Reserve 32 on CWL 3693 and 36 on CWL 2542  
Lots 23, 24 and 25 on NR 7579 - Freehold blocks adjacent to Kuranda Weir  
Kuranda Weir Lot 150 on NR 4991 and Weir Access Rd (part of Marshall's Rd) Lot 152 on SP126541

**Valid from:** 1 December 2011 to 30 November 2016

unless sooner cancelled or suspended by prior notice in writing.

**This permit is subject to the conditions specified in the attached Schedule 1 overleaf.**

Signed: Andrew Maclean Name: ANDREW MACLEAN

Position: Executive Director Date: 4/10/11

Delegate of Wet Tropics Management Authority

## **Schedule 1**

### **Conditions of Approval**

1. The activities shall be undertaken in accordance with the application received on 29 September 2011 and unless modified by the following conditions.
2. All works shall be undertaken in conformity with the approved Stanwell Corporation Limited Environmental Management Plan (EMP) (specified in Schedule 3). The EMP may be updated or amended following consultation between Stanwell Corporation Ltd and the Authority, and subject to the review and approval of any changes by the Authority. Where contradictions occur between the Codes of Practice and the EMP, the agreed EMP conditions will apply unless specified in the approved EMP.
3. All works within the powerline corridor shall be undertaken in conformity with the Queensland Electricity Supply Industry's Environmental Code of Practice<sup>1</sup> unless specified in the approved EMP.
4. All road and associated earth works shall be undertaken in conformity with the best practice guidelines contained in the Road Maintenance Code of Practice<sup>2</sup> unless specified in the approved EMP.
5. All water infrastructure works shall be undertaken in conformity with the relevant sections of the Code of Practice for the maintenance and operation of water extraction infrastructure in the Wet Tropics, contained in the "Water Infrastructure Code of Practice"<sup>3</sup> unless specified in the approved EMP.
6. Maintenance works shall only take place within the existing infrastructure footprint. Any other works beyond the existing footprint requires further approval by the Authority.
7. The permittee shall ensure that prior to conducting any works within the Wet Tropics World Heritage Area ensure that:
  - 7.1. any employee, agent or contractor of the permittee conducting the works has been informed of the requirements of this permit, EMP and other relevant documents; and
  - 7.2. the works supervisor has obtained a briefing describing the natural values of the subject site from the Stanwell Corporation Limited Site Manager or approved designate or the Queensland Parks And Wildlife Service/Wet Tropic Management Authority officer responsible for the locality in which the subject site is situated; and
  - 7.3. the works supervisor must also be given direction by the Stanwell Corporation Limited Environment officer or approved designate as to the nature and extent of the clearing or earth works to be undertaken.
8. An Annual Report shall be provided to the Authority by 1 August each year and cover maintenance activities for the previous financial year from 1 July to 30 June. The annual return report shall detail:
  - 8.1. that copies of this permit were attached to all contract and tender documents relating to maintenance works at these sites.
  - 8.2. records of herbicide use, specifying herbicide type, undiluted amount used, location and date of application; and
  - 8.3. the records of training specifying the type of training provided, the number of persons trained, training date and the trainer.
9. Herbicide use shall preferably be glyphosate based and should not contain surfactant when used in the vicinity of wetlands and waterways. Other herbicides that may be used within the Wet Tropics World Heritage Area are those referenced in the Australian Pesticides and Veterinary Pest Medicines Authority

<sup>1</sup> Code of Practice Maintenance of Electricity Corridors in Queensland Parks and Forests (edition dated July 2008).

<sup>2</sup> Road Maintenance Code of Practice for the World Heritage Wet Tropic Management Area, Qld Department of Transport and Main Roads.

<sup>3</sup> Water Infrastructure Code of Practice" field guide for the maintenance and operation of water extraction infrastructure in the Wet Tropics.(2001)



(APVMA) Permit Per-11463 to Allow Minor Use of an Agvet Chemical Product<sup>4</sup>. Use of any other herbicides must be approved by the Authority in writing. Herbicide must be and be:

- 9.1. mixed and applied as per label rate for specific weeds or at mix rates listed in per-11463 instructions for specific weeds; and
  - 9.2. limited to control vegetation where mechanical methods are not economical or are impractical; and
  - 9.3. administered only by trained staff; and
  - 9.4. applied selectively in a manner that will retard the growth of weeds and non-native grasses while promoting the growth of low growing native endemic grasses and plants.
10. Prior to commencing works, all machinery that has operated off-road must be washed down to remove earth and seeds before entering the World Heritage Area. Wash down shall be in a designated area to prevent the further spread of weeds.
  11. All fuel and chemicals shall be stored and handled in a manner that will enable containment of the substance on site in the event of an accidental spill or leak.
  12. Vegetation lopping should be carried out in a manner that minimises damage to adjacent plants. Pruned material should be disposed on site by being cut into short sections and returned to the forest floor in an aesthetically sensitive manner to limit impacts on presentation values. Vegetative must not be removed from the site without the prior approval of the Authority.
    - 12.1. Roadside vegetation clearing shall be restricted to branches and vines that hang below 4.5 metres (unless otherwise modified in the approved Stanwell Corporation Ltd EMP) or which intrude directly on to the carriageway of the road, or which constitute a threat to the safety of road users, or where line of sight is compromised.
    - 12.2. Vegetation clearing around structures shall be restricted to branches and vines that intrude directly on to the structure or constitute a threat to the safety or appropriate use of the structure or users.
  13. Road spoil shall be disposed of in a suitable disposal area outside of the World Heritage Area unless prior approval has been sought from the Authority. Road spoil is not to be pushed into or over the road verge. This condition does not preclude the use of road spoil for use in fill sections of the road or for resurfacing of the road.
  14. Material for road maintenance must not be sourced in the World Heritage Area without prior approval from the Authority.
  15. Non-vegetative wastes should be removed from the sites as soon as possible and disposed of at a licensed facility.
  16. All buildings/structures shall be maintained using materials that will minimise the impacts upon the scenic values of the location.
  17. All aircraft used for infrastructure maintenance shall be flown above 1000ft when operating over the World Heritage Area unless:
    - 17.1. Taking off or landing; or
    - 17.2. Flying at a level that is reasonably necessary for safety purposes; or
    - 17.3. Flying over infrastructure footprints.

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### Reasons for the Decision

Pursuant to section 53 (2) of the WTM Plan, this decision was based on the following reasons:

- the application was properly made under the WTM Plan and a decision is required on the application within the timeframe set out in the WTM Plan;

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<sup>4</sup> Currently PER11463 expiry date 30 June 2014 see <http://www.apvma.gov.au/permits/search.php>





- the proposal is an activity which has been assessed pursuant to Part 4 Division 2 of the WTM Plan as having minimal impacts on the World Heritage values of the subject land provided it is undertaken in accordance with the conditions attached to the permit.

If you are not satisfied with the above conditions you may ask the Authority to review this decision but you must notify your request in writing within 60 days of this notice, indicating the reasons for the request and any other information you consider relevant.

The Authority will review the decision as soon as practicable and notify you of the outcome. If you are still not satisfied, you may appeal to the Planning and Environment Court against the decision.





## Schedule 2 - Infrastructure Location

Location	Infrastructure	
Lot 32 on CWL3693	Kareeya Power Station	Power Station and Power Station bench (Admin Building and workshop), Cable Car, Python Ck workshop (QC Camp), Car Park and the Intake Area.
Lot 37 on CWL3199	Kareeya Power Station	Communications Hut
Lot 36 on CWL2542	Kareeya Power Station	Cablecar Corridor
Lot 12 on SP193022	Koombooloomba	Koombooloomba Dam Wall and Kareeya Hydro (K5)
Lot 4 on CWL1618	Koombooloomba	V-Notch Weirs and Saddle Dam
Lot 752 on NR 5189	Barron Gorge Power Station	Surge Tank, Valve Chamber, Power Station and Power Station Bench (Admin building, workshop)
Lot 23 on NR 7579	Barron Gorge Power Station	Land above Penstock
Lot 24 on NR 7579	Barron Gorge Power Station	Land above Penstock
Lot 25 on NR 7579	Barron Gorge Power Station	Land above Penstock
Lot 152 on SP126541	Barron Gorge Power Station	Kuranda Weir Access Rd (off Marshall's Rd)
Lot 150 on NR4991	Barron Gorge Power Station	Kuranda Weir



**Schedule 3 - Approved Stanwell Corporation Environmental Management Plans for Kareeya and Barron Gorge Power Stations as provided electronically.** These EMP's may be updated or modified during the life of this permit with the agreement of the Authority.

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