

29 May 2024



**Our Ref:** DA5719  
Previous DA4746  
(MSLink107641)

Rockhampton Regional Council  
PO Box 1860  
ROCKHAMPTON QLD 4700

Stanwell Corporation Limited  
C/- Aurecon  
25 King Street  
BOWEN HILLS QLD 4006

Attention: Lana Groves  
Email: [enquiries@rrc.qld.gov.au](mailto:enquiries@rrc.qld.gov.au)  
Application: D/82-2022

Attention: Marianne Fosse  
Email: [Marianne.Fosse@aurecongroup.com](mailto:Marianne.Fosse@aurecongroup.com)

Dear Marianne & Lana

### Minor Change Application - Affected Entity Response

(Given under section 80(4)(a) of the *Planning Act 2016*)

Transmission Infrastructure Impacted	
<b>Transmission Corridor</b>	Bouldercombe Tee QR Grantleigh, Calvale Stanwell, Stanwell Broadsound, Stanwell QRN Wycarbah & Stanwell Tee Bouldercombe Transmission Line Corridors
<b>Easement ID</b>	Easement Q on SP303301 – Dealing No. 719010464, Easement A & B on RP886593, Easement C on RP886594, Easement D on RP890296, Easement E on RP890296, Easement F on RP890298, Easement G on RP890299, Easement N on RP890300, Easement H on RP890301, Easement M on RP890304 & Easement P on RP890304 – Dealing No. 700603106 & Easement R on SP242400 – Dealing No. 714018106
Location Details	
<b>Street address</b>	397 Power Station Road Stanwell
<b>Real property description</b>	Lot 44 on SP140243
<b>Local government area</b>	Rockhampton Regional Council
Existing Approval Details	
<b>Approved Development</b>	Material Change of Use for Undefined Use (Electricity Infrastructure – Battery Storage Facility)
<b>Approval Type</b>	Development Permit
Minor Change Application Details	
<b>Details of change/s sought</b>	<ul style="list-style-type: none"><li>- The development footprint is proposed to be extended in the south-eastern portion of the currently approved development footprint to provide for an appropriate building platform.</li><li>- The staging of the project is proposed to change to include 300 MW / 1200 MWh for Stage 1 and 300 MW / 1200 MWh for Stage 2, rather than the approved 150MW / 300MWh for Stage 1 and 1,300MW / 2600MWh for Stage 2.</li></ul>

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	<p>- Construction traffic generated by the Stage 1 development during the peak delivery period will increase slightly, however the construction traffic will be over a shorter period of time than originally proposed. Stage 2 has not been considered due to insufficient detail at this time.</p> <p>- Stormwater will be directed to detention basins located in the east, rather than to the existing stormwater dam in the west.</p>
<b>Council Reference</b>	D/82-2022

We refer to the above minor change application which has been referred to Powerlink Queensland as an affected entity in accordance with section 80(1) of the *Planning Act 2016*.

## PLANS AND REPORTS ASSESSED

The following plans and reports have been reviewed by Powerlink Queensland and form the basis of our assessment. Any variation to these plans and reports may require amendment of our advice.

**Table 1: Plans and Reports upon which the assessment is based**

Drawing / Report Title	Prepared by	Dated	Reference No.	Version / Issue
Central Renewable Energy zone Battery Storage System Site - Location Plan	Aurecon	19/04/2024	CRPB-0000-AGP-DRG-0003	C
Figure 3 Existing topography and drainage plan	Aurecon		P512486	2
Figure 5 Catchment Boundaries	Aurecon		P512486	2

We have reviewed the changes to the development application outlined in the change application and advise that we have **no objection** to the change application.

Powerlink supports the minor change application subject to the following additional conditions being imposed by the responsible entity.:

No.	Condition	Timing	Reason
1	This response does not constitute an approval to commence any works within the easement. Prior written approval is required from Powerlink Queensland before any work is undertaken within the easement areas. All works on easement (including but not limited to earthworks, drainage and detention basins; road construction; underground and overhead service installation) require detailed submissions, assessments and consent (or otherwise) by Powerlink through a co-use application. Further, Powerlink may require that detailed design drawings be provided in electronic format (3D DXF or equivalent of final design RL's AHD and MGA GDA94 in applicable zone).	At Detailed Design Phase.	<p>To ensure that the existing rights contained in the registered easement dealings are maintained.</p> <p>To ensure that the purpose of the <i>Electrical Safety Act 2002</i> is achieved and electrical safety requirements are met.</p>

Any further works should be in accordance with Powerlink Queensland's general conditions and guidelines when considering works either on a Powerlink Queensland easement or in the vicinity of Powerlink Queensland assets. Please refer to attached Annexure A for further details.

For further information please contact our Property Services Team via email [property@powerlink.com.au](mailto:property@powerlink.com.au) who will be pleased to assist.

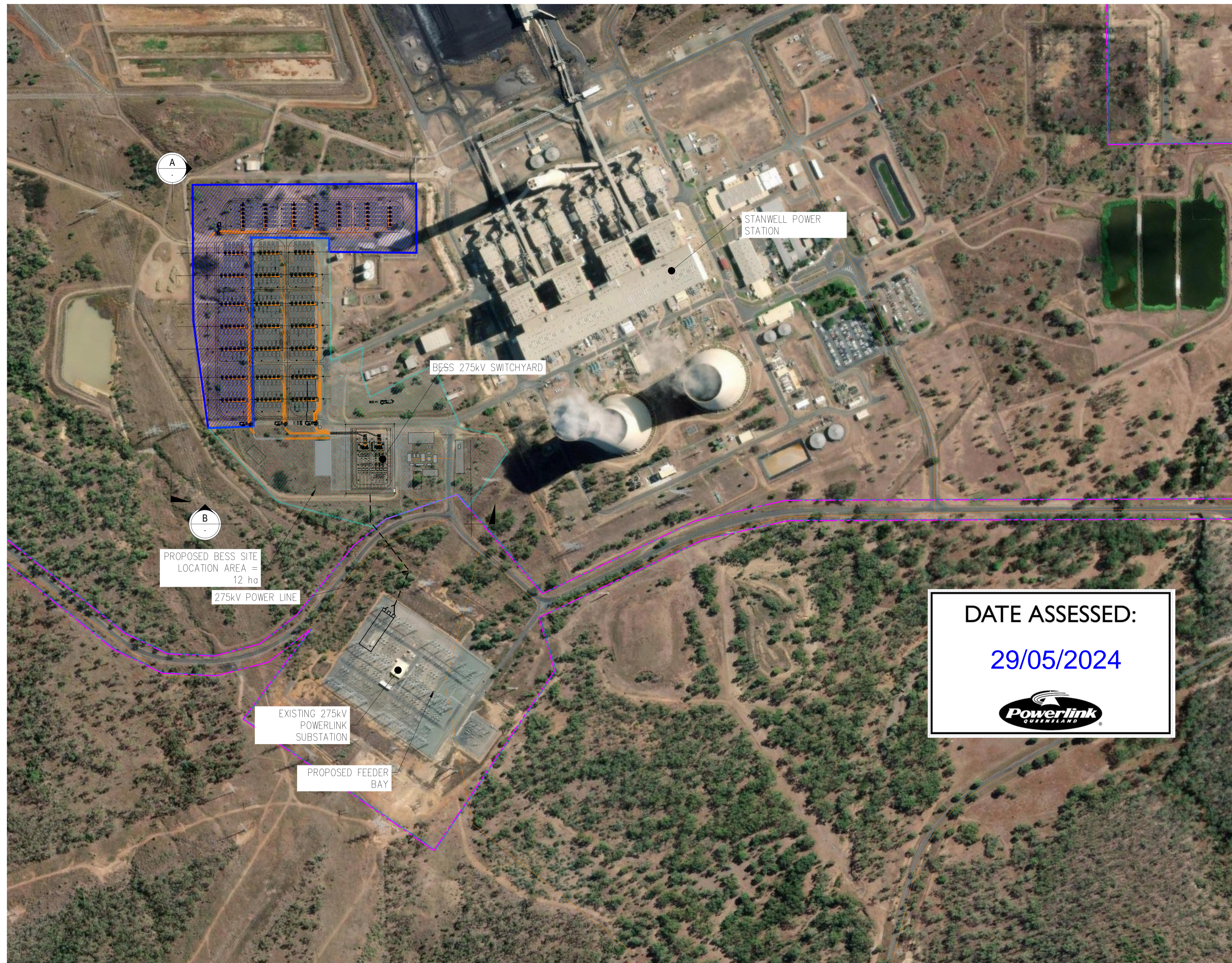
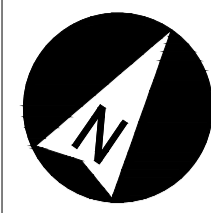
Yours sincerely

A handwritten signature in grey ink, appearing to read 'Russell McKenna', is positioned below the 'Yours sincerely' text.

for:

Russell McKenna

**A/PROPERTY SERVICES AND MANAGEMENT TEAM LEADER**



LEGEND:

- STAGE 1
- STAGE 2
- EASEMENT
- ROAD AND TRACK BASELINE
- RAILWAY
- SITE CADASTRE
- BESS SITE BOUNDARY
- PROPOSED INTERNAL ACCESS

NOTES:

1. BESS FACILITY LAYOUT TO BE LOCATED WITHIN THE AREA SHOWN.
2. STAGE 1 CONFIGURATION IS 300 MW / 1200 MWh.
3. STAGE 2 CONFIGURATION IS 300 MW / 1200 MWh.
4. LAYOUT SHOWN IS INDICATIVE ONLY FOR THE COMBINED 600 MW / 2,400 MWh.

A

B

PROPOSED BESS SITE LOCATION AREA = 12 ha

275kV POWER LINE

EXISTING 275kV POWERLINK SUBSTATION

PROPOSED FEEDER BAY

BESS 275kV SWITCHYARD

STANWELL POWER STATION

**DATE ASSESSED:**  
**29/05/2024**

REVISION  
 ISSUED FOR CLIENT  
 REVIEW  
 DRAWN BY: LIM  
 CHECKED: H.D.  
 APPROVED:  
 REFCO No.



SWITCHROOM FOLDER		
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SUPERSEDED DRGS.

REFERENCE DRGS.

**STANWELL**  
**Power Station | stanwell**  
 CENTRAL RENEWABLE ENERGY ZONE  
 BATTERY STORAGE SYSTEM  
 SITE  
 LOCATION PLAN

AURECON DRAWING No. CRBP-DRG-JJ-0003	Revision <b>C</b>
STANWELL DRAWING No. CRBP-0000-ACP-100-DRG-G-0003	
Drawn E.C. Date 19.04.2024 Scale 1:3000	

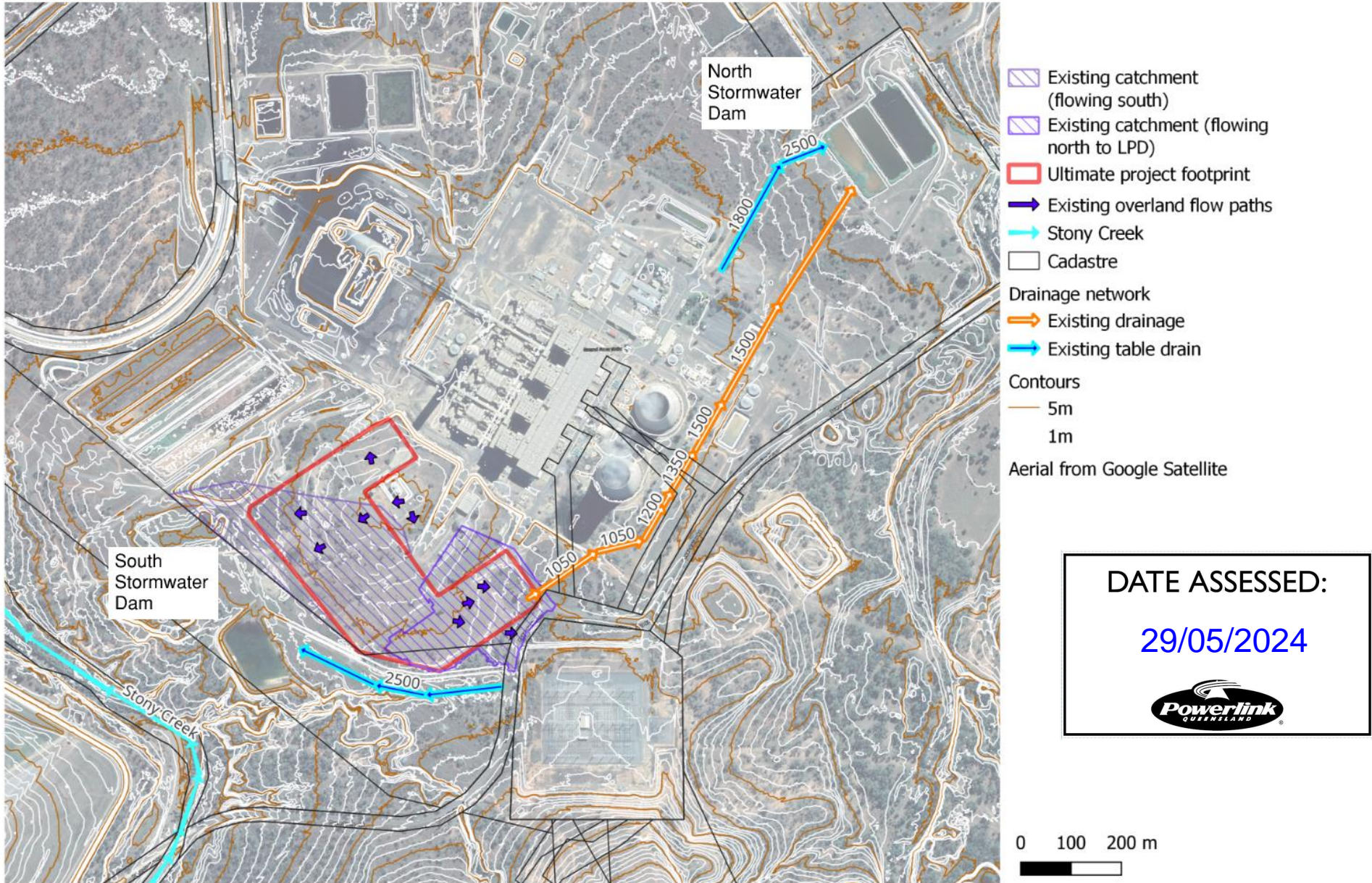


Figure 3 Existing topography and drainage plan



- Existing catchment (flowing south)
- Existing catchment (flowing north to LPD)
- Post development catchment
- Ultimate project footprint
- Bioretention
- Detention basin
- Cadastre
- Flow direction
- Post development
- Existing
- Drainage
- Existing drainage
- Notional pipe network
- Contours
- 5m
- 1m
- Aerial from Google Satellite

**DATE ASSESSED:**

**29/05/2024**



Figure 5 Catchment Boundaries – Contributing catchment flowing north to Northern Stormwater Dam (LPD) vs catchment flowing to Southern Stormwater Dam



## ANNEXURE A – GENERIC REQUIREMENTS

The conditions contained in this Annexure have been compiled to assist persons (the applicant) intending to undertake work within the vicinity of high-voltage electrical installations and infrastructure owned or operated by Powerlink. The conditions are supplementary to the provisions of the Electrical Safety Act 2002, Electrical Safety Regulation 2013 and the Terms and Conditions of Registered Easements and other forms of Occupational Agreements hereinafter collectively referred to as the “Easement”. Where any inconsistency exists between this Annexure and the Easement, the Easement shall take precedence.

### 1. POWERLINK INFRASTRUCTURE

You may not do any act or thing which jeopardises the foundations, ground anchorages, supports, towers or poles, including (without limitation) inundate or place, excavate or remove any soil, sand or gravel within a distance of twenty (20) metres surrounding the base of any tower, pole, foundation, ground anchorage or support.

### 2. STRUCTURES

No structures should be placed within twenty (20) metres of any part of a tower or structure foundation or within 5m of the conductor shadow area. Any structures on the easement require prior written consent from Powerlink.

### 3. EXCLUSION ZONES

Exclusion zones for operating plant are defined in Schedule 2 of the Electrical Safety Regulation 2013 for Untrained Persons. All Powerlink infrastructure should be regarded as “electrically live” and therefore potentially dangerous at all times.

In particular your attention is drawn to Schedule 2 of the Electrical Safety Regulation 2013 which defines exclusion zones for untrained persons in charge of operating plant or equipment in the vicinity of electrical facilities. If any doubt exists in meeting the prescribed clearance distances from the conductors, the applicant is obliged under this Act to seek advice from Powerlink.

### 4. ACCESS AND EGRESS

Powerlink shall at all times retain the right to unobstructed access to and egress from its infrastructure. Typically, access shall be by 4WD vehicle.

### 5. APPROVALS (ADDITIONAL)

Powerlink's consent to the proposal does not relieve the applicant from obtaining statutory, landowner or shire/local authority approvals.

### 6. MACHINERY

All mechanical equipment proposed for use within the easement must not infringe the exclusion zones prescribed in Schedule 2 of the Electrical Safety Regulation 2013. All operators of machinery, plant or equipment within the easement must be made aware of the presence of live high-voltage overhead wires. It is recommended that all persons entering the Easement be advised of the presence of the conductors as part of on site workplace safety inductions. The use of warning signs is also recommended.

**7. EASEMENTS**

All terms and conditions of the easement are to be observed. Note that the easement takes precedence over all subsequent registered easement documents. Copies of the easement together with the plan of the Easement can be purchased from the Department of Environment & Resource Management.

**8. EXPENDITURE AND COST RECOVERY**

Should Powerlink incur costs as a result of the applicant's proposal, all costs shall be recovered from the applicant.

Where Powerlink expects such costs to be in excess of \$10 000.00, advanced payments may be requested.

**9. EXPLOSIVES**

Blasting within the vicinity (500 metres) of Powerlink infrastructure must comply with AS 2187. Proposed blasting within 100 metres of Powerlink infrastructure must be referred to Powerlink for a detailed assessment.

**10. BURNING OFF OR THE LIGHTING OF FIRES**

We strongly recommend that fires not be lit or permitted to burn within the transmission line corridor and in the vicinity of any electrical infrastructure placed on the land. Due to safety risks Powerlink's written approval should be sought.

**11. GROUND LEVEL VARIATIONS****Overhead Conductors**

Changes in ground level must not reduce statutory ground to conductor clearance distances as prescribed by the Electrical Safety Act 2002 and the Electrical Safety Regulation 2013.

**Underground Cables**

Any change to the ground level above installed underground cable is not permitted without express written agreement of Powerlink.

**12. VEGETATION**

Vegetation planted within an easement must not exceed 3.5 metres in height when fully matured. Powerlink reserves the right to remove vegetation to ensure the safe operation of the transmission line and, where necessary, to maintain access to infrastructure.

**13. INDEMNITY**

Any use of the Easement by the applicant in a way which is not permitted under the easement and which is not strictly in accordance with Powerlink's prior written approval is an unauthorised use. Powerlink is not liable for personal injury or death or for property loss or damage resulting from unauthorised use. If other parties make damage claims against Powerlink as a result of unauthorised use then Powerlink reserves the right to recover those damages from the applicant.



**14. INTERFERENCE**

The applicant's attention is drawn to s.230 of the Electricity Act 1994 (the "Act"), which provides that a person must not wilfully, and unlawfully interfere with an electricity entity's works. "Works" are defined in s.12 (1) of the Act. The maximum penalty for breach of s.230 of the Act is a fine equal to 40 penalty units or up to 6 months imprisonment.

**15. REMEDIAL ACTION**

Should remedial action be necessary by Powerlink as a result of the proposal, the applicant will be liable for all costs incurred.

**16. OWNERS USE OF LAND**

The owner may use the easement land for any lawful purpose consistent with the terms of the registered easement; the conditions contained herein, the Electrical Safety Act 2002 and the Electrical Safety Regulation 2013.

**17. ELECTRIC AND MAGNETIC FIELDS**

Electric and Magnetic Fields (EMF) occur everywhere electricity is used (e.g. in homes and offices) as well as where electricity is transported (electricity networks).

Powerlink recognises that there is community interest about Electric and Magnetic Fields. We rely on expert advice on this matter from recognised health authorities in Australia and around the world. In Australia, the Federal Government agency charged with responsibility for regulation of EMFs is the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA). ARPANSA's *Fact Sheet – Magnetic and Electric Fields from Power Lines*, concludes:

*"On balance, the scientific evidence does not indicate that exposure to 50Hz EMF's found around the home, the office or near powerlines is a hazard to human health."*

Whilst there is no scientifically proven causal link between EMF and human health, Powerlink nevertheless follows an approach of "*prudent avoidance*" in the design and siting of new powerlines. This includes seeking to locate new powerline easements away from houses, schools and other buildings, where it is practical to do so and the added cost is modest.

The level of EMF decreases rapidly with distance from the source. EMF readings at the edge of a typical Powerlink easement are generally similar to those encountered by people in their daily activities at home or at work. And in the case of most Powerlink lines, at about 100 metres from the line, the EMF level is so small that it cannot be measured.

Powerlink is a member of the ENA's EMF Committee that monitors and compiles up-to-date information about EMF on behalf of all electricity network businesses in Australia. This includes subscribing to an international monitoring service that keeps the industry informed about any new developments regarding EMF such as new research studies, literature and research reviews, publications, and conferences.

We encourage community members with an interest in EMF to visit ARPANSA's website: [www.arpansa.gov.au](http://www.arpansa.gov.au) Information on EMF is also available on the ENA's website: [www.ena.asn.au](http://www.ena.asn.au)