

## DELEGATE Decision

### Review of Environmental Protection Wetlands

#### Map of Great Barrier Reef Wetland Protection Areas

#### Map of Queensland Wetland Environmental Values

#### Preamble- The Environmental Protection wetland map amendment process – Delegate responsibility

1. The delegate is responsible for approving amendments to the following maps under the Environmental Protection Regulation 2019 including:
  - a. *The Map of Queensland Wetland Environmental Values* under section 19 of the Environmental Protection (Water and Wetland Biodiversity) Policy 2019
  - b. *The Map of Great Barrier Reef Wetland Protection Areas* under section 186 of the Environmental Protection Regulation 2019
2. The chief executive may amend the map of Great Barrier Reef wetland protection areas only if the amendment under section 186 must be proposed under the following reasons:
  - a. more accurate information indicating the extent, or hydrological type, of the wetland has become available; or
  - b. the chief executive considers the wetland is not of high ecological significance.
3. The chief executive may amend the Map of Queensland wetland environmental values only under section 19 of the Environmental Protection (Water and Wetland Biodiversity) Policy 2019 if the amendment is made because:
  - a. more accurate information indicating the extent, hydrological type or ecological significance of the wetland has become available; or
  - b. the chief executive considers that the ecological significance of a wetland has changed.
4. After an amendment to the maps in (1) is approved the following must occur:
  - a. fix a new edition number to the amended map; and
  - b. publish the amended map on the department's website.
5. The delegate has the responsibility to:
  - a. store a copy of the certified 'amendment map' (attachment 1)
  - b. show a copy of the wetland amendment on the DES website
  - c. ensure the regulatory wetland mapping custodian receives the data from the certified 'amendment map' so the next version of the wetland map reflects the agreed change.

#### Notes

On 1 September 2019, the former Map of Referable Wetlands under the repealed Environmental Protection Regulation 2008 was replaced by two maps:

- Map of Queensland Wetland Environmental Values under the Environmental Protection Regulation 2019
- Map of Great Barrier Reef Wetland Protection Areas under the Environmental Protection (Water and Wetland Biodiversity) Policy 2019

The Map of Queensland Wetland Environmental Values shows wetlands across the state and includes wetlands environmental values of significance. High ecological significance (HES) wetlands that are shown on the Map of Queensland Wetland Environmental Values are on matters of state environmental significance (MSES).

The Map of Great Barrier Reef Wetland Protection Areas shows state assessable wetland protection areas within the [Great Barrier Reef Catchment](#). An amendment to a HES wetland on the Map of Queensland Wetland Environmental Values amends a 'wetland in a wetland protection area' on this map.

## 1. Applicant, owner, and property details

**Table 1: Applicant details**

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| Name  | s.73 Irrelevant                                                   |
| Agent | Natura Pacific                                                    |
| Email | s.73 Irrelevant information<br>s.73 Irrelevant@natura-pacific.com |

**Table 2: Owner and property details**

|                  |                                |
|------------------|--------------------------------|
| Lot/Plan         | 14RP34780                      |
| Property Address | 71-229 Wallace Road, Beachmere |
| Tenure Type      | FH                             |

## 2. Application information

**Table 3: Application summary**

|                                                                                                                                        |                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Amendment Request Register number                                                                                                      | 128                                                                                                        |
| Application Date (See original application) (Form 1)                                                                                   | 20/09/2021                                                                                                 |
| EP Wetland Mapping Version                                                                                                             | Queensland Wetland Environmental Values – version 2 (as a result of change to the map on 1 September 2019) |
| Further information to support or reject the application to amend the Map (i.e. – Past amendments, Air Photos, Historical Statements). | See attachments                                                                                            |

### 3. Amendment summary

An amendment is proposed to the following wetland map under the *Environmental Protection Act 1994* (**Attachment 1**):

- a) the Map of Queensland Wetland Environmental Values (QWEV).

The amendment involves:

- a minor adjustment to the extent of the wetland area on Lot 14 RP34780 and Lot 3 RP127622 (71-229 Wallace Road, Beachmere)
- reclassing the wetland units on the properties from High Ecological Significance (HES) to General Ecological Significance (GES).

The amendment is based on:

- an ecological assessment report provided by the submitter (**Attachment 2**)
- review by the Queensland Herbarium (**Attachment 3**)
- review and confirmation of the aquatic conservation values by the department (**Attachment 4**)
- the mapping rules used for wetland mapping products under the Environmental Protection Regulation (**Appendix A**)

### 4. Original request

On 20 September 2020, a consultant acting on behalf of the landholder, requested a reduction to the extent the area mapped as a wetland of high ecological significance located on Lot 14 RP34780 (71-229 Wallace Road, Beachmere). This would require an amendment to the Map of Queensland Wetland Environmental Values (QWEV) under the *Environmental Protection (Water and Wetland Biodiversity) Policy 2019*.

The consultant provided an ecological assessment report (**Attachment 2**) that describes the ground-truthed vegetation and contends that the extent of the mapped wetland of high environmental significance is inaccurate. Furthermore, some wetland areas have been degraded by cattle movement and are heavily infested by lantana.

### 5. Original mapping

The wetland areas were originally determined under the Method for Mapping Ecological State Interests for Land Use Planning and Development Assessment v2 (2010) (AES method). The AES method relied on an older version of Queensland wetland mapping (version 2, 2009) and determined areas of ecological significance (AES) that were either 'high ecological significance' (HES) or 'general ecological significance' (GES).

Under the AES method, where an Aquatic Conservation Assessment (ACA) had not been determined, HES wetlands were determined by presence of special features, threatened species or other high environmental values defined under the AES method. Because an ACA under the Aquatic Biodiversity Assessment Mapping Methodology (AquaBAMM) had not been made in the area, the deciding factor for the HES status of these wetlands was the "H1" hydrological modifier (no modifications) under the Queensland wetland mapping.

A 2015 SEQ ACA later determined the wetland area as 'Medium' Aquascore but the wetland values were not automatically updated.

## 6. Queensland Herbarium response

On 24 September 2021, land use planning (LUP) team requested the Queensland Herbarium review the consultant's proposed amendment against the Queensland Wetland Program (QWP) method. The herbarium was supplied with the consultant's ecological assessment report.

On 12 October 2021, advice from the Herbarium to LUP was received (**Attachment 3**). The herbarium largely disagreed with the consultant's recommendations to reduce the wetland extent, noting that:

- while significant parts of the northern section were incorrectly mapped as 12.3.5 ecosystems, the actual 12.3.6 ecosystem is also a wetland regional ecosystem
- regrowth vegetation may be included as H1 wetland.

The herbarium made a minor adjustment to the extent of the wetland boundary and some of the regional ecosystem designations of the wetland. All palustrine wetlands mapped retained a "H1" (no modifications) hydrological modifier category.

Changes to the wetland mapping are shown in **Appendix B**.

## 7. Biodiversity Assessment Team response

After advice was received from the Herbarium regarding the wetland extent, LUP sought advice from the Biodiversity Assessment Team (BAT) to review the aquatic conservation scores (AquaScore) made under the Southeast Queensland Catchments Non-Riverine ACA (SEQ NR ACA).

The report from BAT (**Attachment 4**) noted that there could be a change to the rating of Criterion 4 from medium to high as one of the underlying regional ecosystems comprising the wetland was amended by the Herbarium to 12.3.20, which is designated as "Endangered" under the *Nature Conservation Act 1992*. However, this change would not influence the overall AquaScore.

The BAT team indicated that the overall AquaScore would likely remain as "Medium".

A map showing the ACA of the wetland is at **Appendix C**.

### **Criteria ratings and AquaScore for wetland Pn\_w00138**

| Criterion             | Name                              | Pn_w00138 rating | Predicted rating |
|-----------------------|-----------------------------------|------------------|------------------|
| C1                    | Naturalness Aquatic               | High             | High             |
| C2                    | Naturalness Catchment             | Low              | Low              |
| C3                    | Diversity and Richness            | High             | High             |
| C4                    | Threatened Species and Ecosystems | Medium           | High             |
| C5                    | Priority Species and Ecosystems   | High             | High             |
| C6                    | Special Features                  | No data          | No data          |
| C7                    | Connectivity                      | Medium           | Medium           |
| C8                    | Representativeness                | Very High        | Very High        |
| Filter table decision |                                   | 20               | 19               |
| <b>AquaScore</b>      |                                   | <b>Medium</b>    | <b>Medium</b>    |

## 8. GBRWPA adjustment considerations

The subject site is not located within a Great Barrier Reef catchment, therefore no GBRWPA adjustment is required.

## 9. Amendment

The proposed amendment to the Map of Queensland Wetland Environmental Values (QWEV0014) is at **Attachment 1** for your consideration and endorsement.

Details of the proposed amendment and relevant evidence are summarised in the table below.

| Amendment                                                                                                                                                                                               | Type                | Evidence         | Related attachments      | Delegate approves |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|--------------------------|-------------------|
| 1. Adjust the extent of the wetland in accordance with updated wetlands mapping from the Queensland Herbarium.                                                                                          | Boundary adjustment | Herbarium advice | Attachment 3, Appendix B |                   |
| 2. Reclass High Ecological Significance (HES) wetlands within the site to General Ecological Significance (GES) in accordance with the mapping rules because the AquaScore for the wetland is "Medium". | Values adjustment   | Mapping rules    | Appendix A               |                   |
|                                                                                                                                                                                                         |                     | BAT advice       | Attachment 4, Appendix C |                   |

The amendment actions for the QWEV map are shown at **Appendix D**.

An example of the change to the QWEV map is at **Appendix E**.

The proposed amendment to the Map of Queensland Wetland Environmental Values would also affect Matters of State Environmental Significance (MSES) mapping of 'high ecological significance' wetlands. An example of the change to MSES mapping is at **Appendix F**.

## 10. Evidence/Attachments

### Attachments:

1. Amendment map to be signed
2. Consultant report
3. Herbarium advice
4. BAT advice

### Appendices:

- A. Environmental protection wetland mapping rules summary
- B. Current (QWP v5) and proposed (WMAR166) Queensland wetland mapping
- C. SEQ NR ACA (v1.1) results and expected ACA result for amended wetland
- D. QWEV map amendment: recorded actions
- E. QWEV map: current and amended
- F. Matters of state environmental significance (MSES) – HES wetland map: current and amended

## Recommendation to Delegated Officer

I recommend that the delegated officer approve the making and certification of a wetland amendment. A certifiable 'amendment map' has been prepared and is attached to the file.

X

s.73 Irrelevant information

Stephanie Breuer

Senior Policy Officer, Environmental Planning, Environment Policy and Planning Branch,  
Environmental Policy and Programs Division

## Delegated Officer Approval

I have been briefed on the assessment report and within the powers delegated:



Agree with the recommendation



Disagree with the recommendation

X

s.73 Irrelevant information

Delegate

Director, Environment Planning, Environment Policy and Planning Branch, Environmental  
Policy and Programs Division

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Published on DESI Disclosure Log  
RTI Act 2009

## **APPENDIX A – Environmental Protection wetland mapping rules summary**

This summary covers the following wetland mapping products under the Environmental Protection Regulation.

The Map of Queensland Wetland Environmental Values:

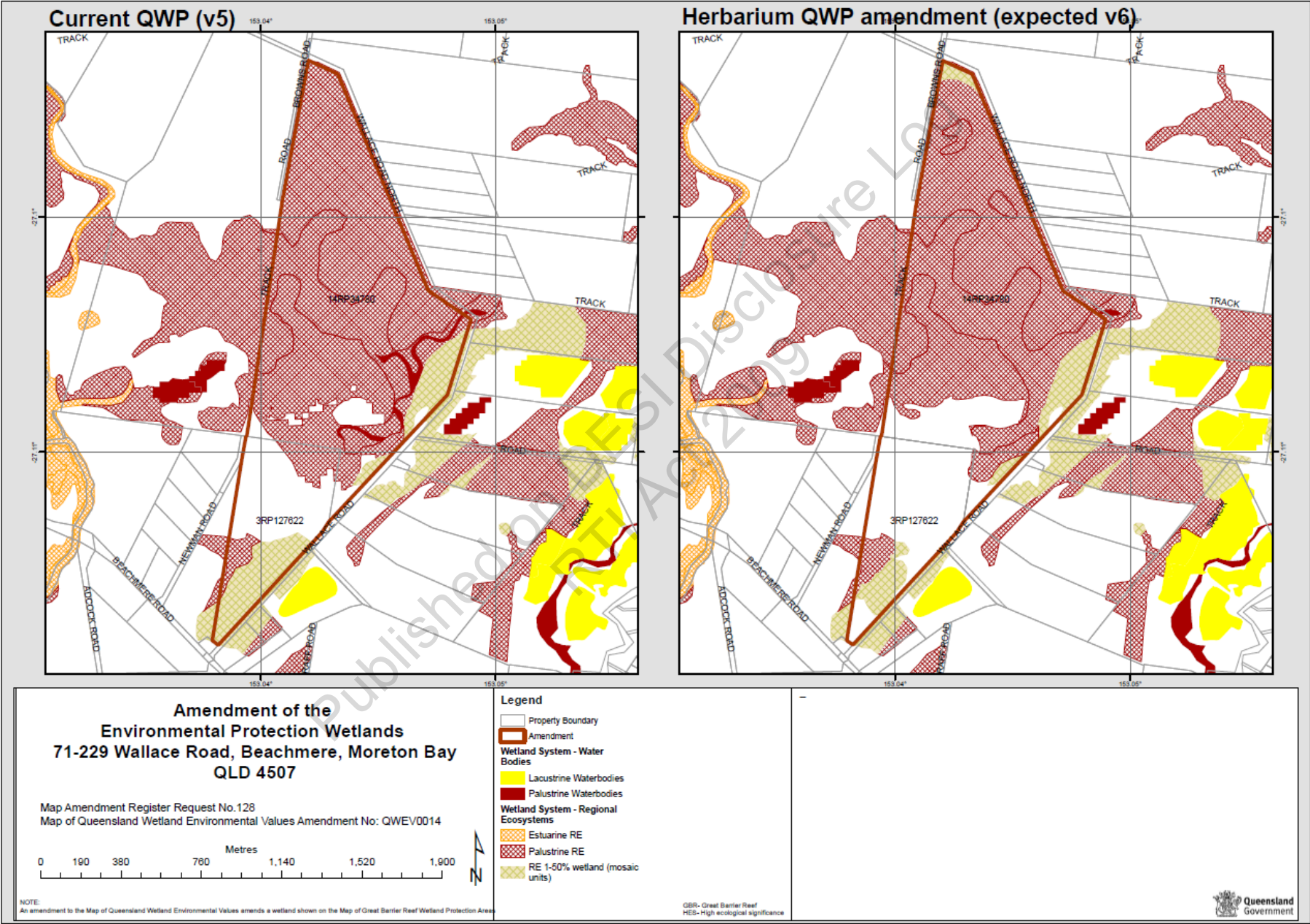
- Wetland of ecological significance
  - Great Barrier Reef High Ecological Significance (GBR HES),
  - High ecological significance (HES)
  - General Ecological Significance (GES)

The Map of Great Barrier Reef (GBR) Wetland Protection Areas:

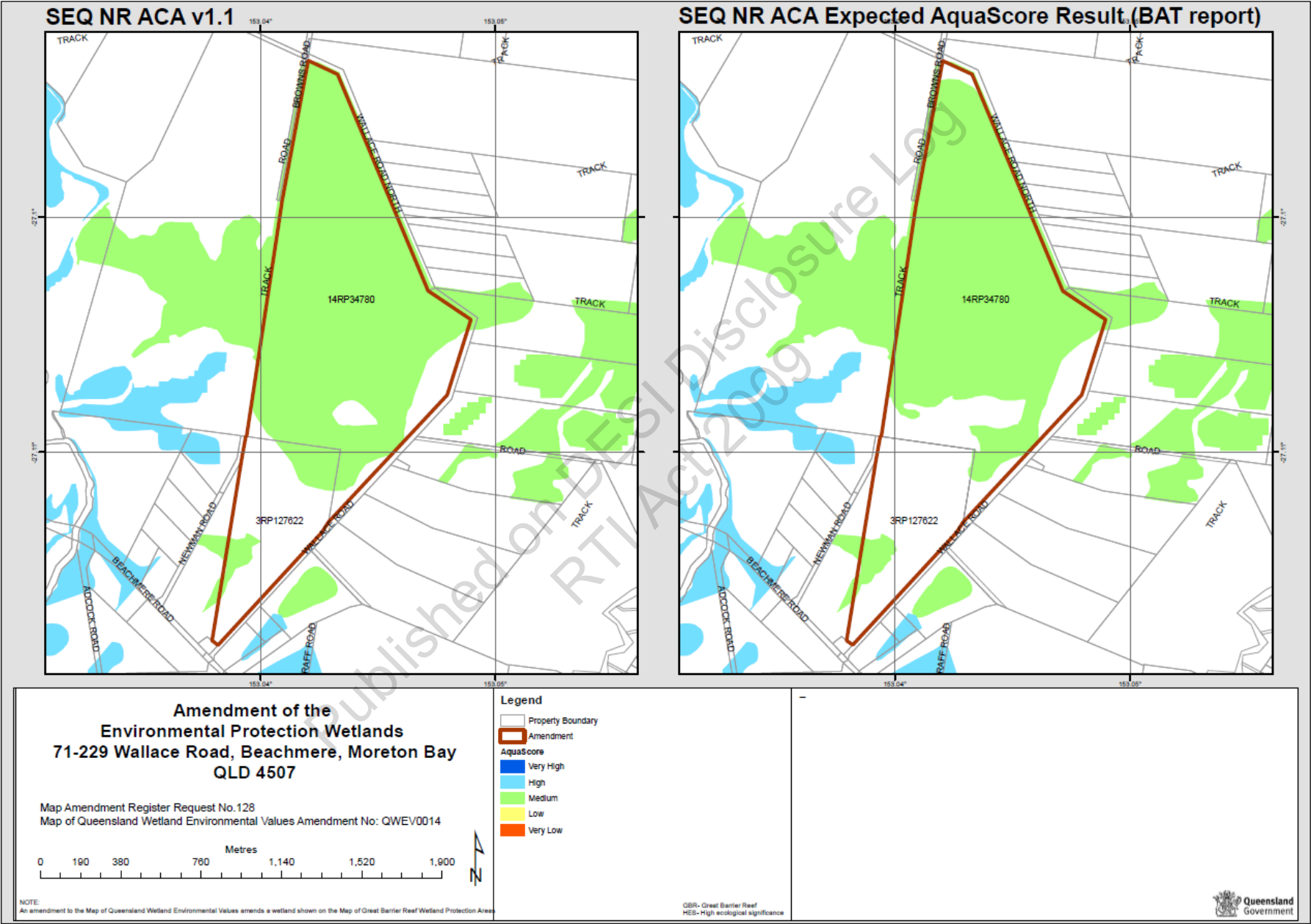
- GBR wetland protection areas
- Wetland in a wetland protection area

| Category                             | Included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Excluded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GBR HES Wetland                      | <ul style="list-style-type: none"> <li>• all undisturbed freshwater palustrine (swamps) and lacustrine (lakes) water bodies and associated wetland Regional Ecosystems assessed under AquaBAMM as “high” or “very high” aquatic conservation assessment rating (Aquascore).</li> <li>• Regional Ecosystem polygons were included where greater than 51% of the polygon was palustrine or lacustrine RE.</li> <li>• springs identified by AquaBAMM as “high” or “very high” Aquascore</li> <li>• some wetlands assessed under AquaBAMM as high or very high conservation value that were not deemed to be <i>not highly modified</i> by regional staff and experts or where hydrology has not changed significantly due to a levee bank or bunding wall.</li> <li>• for all the above, categories of the following modifiers under the Queensland wetland mapping (version 2, 2009)               <ul style="list-style-type: none"> <li>○ unmodified (H1) and</li> <li>○ modified H2M2, H2M3, H2M4, H2M5 and H2M8</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• all wetlands not identified as of high or very high conservation value under AquaBAMM</li> <li>• all wetlands, regardless of aquatic conservation value, that are highly modified under any other modifiers not listed in “included” under the Queensland wetland mapping (version 2, 2009)</li> <li>• springs not identified as of high or very high conservation value under AquaBAMM</li> <li>• artificial waterbodies</li> <li>• all estuarine (brackish/salt) or marine (salt) wetlands</li> </ul> |
| GBR Wetland Protection Areas         | <ul style="list-style-type: none"> <li>• 100m trigger area around a GBR HES wetland in urban areas and</li> <li>• 500m trigger area around a GBR HES wetland in non-urban areas</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>• small lots up to 2,000 m2 identified as built-up areas</li> <li>• sand mines</li> <li>• floodplains</li> <li>• parts of trigger areas that were observed to intersect across a known drainage line</li> <li>• parts of trigger areas that were observed to intersect across a known drainage line</li> </ul>                                                                                                                                                                                            |
| HES wetlands outside the GBR         | <ul style="list-style-type: none"> <li>• As determined by the Method for Mapping Ecological State Interests for Land Use Planning and Development Assessment (version 2, 2010)</li> <li>• Any new determining of HES is as a result of updated AquaBAMM Aquascore rating of “high” or “very high”.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| GES Wetlands                         | <ul style="list-style-type: none"> <li>• As determined by the Method for Mapping Ecological State Interests for Land Use Planning and Development Assessment (version 2, 2010)</li> <li>• Any new determining of GES is as a result of updated AquaBAMM Aquascore rating being downgraded from a rating of “high” or “very high”.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Wetland in a wetland protection area | <ul style="list-style-type: none"> <li>• A GBR HES wetland as above within a GBR wetland protection area</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

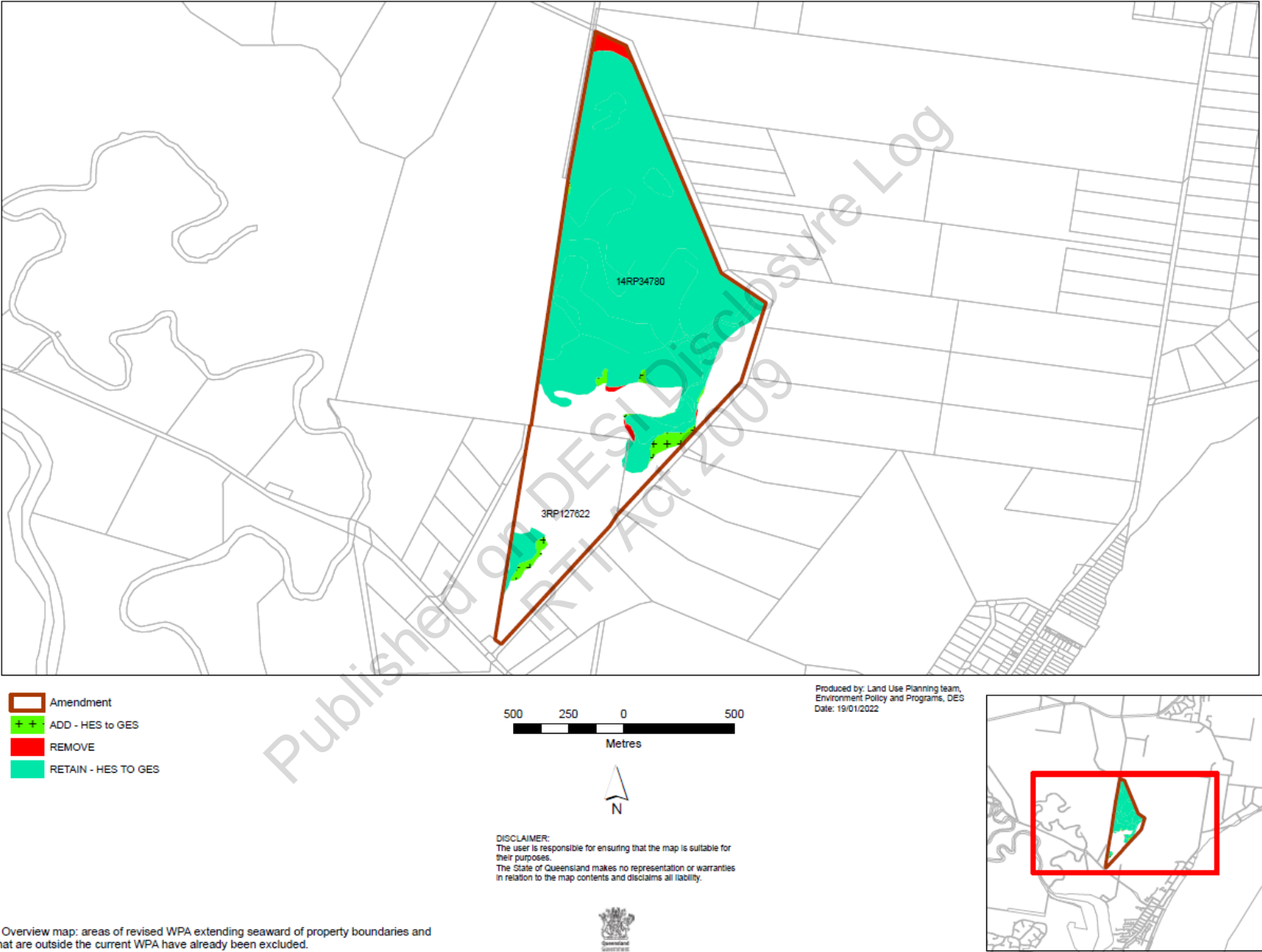
APPENDIX B – Current (QWP v5) and proposed (WMAR166) Queensland wetland mapping



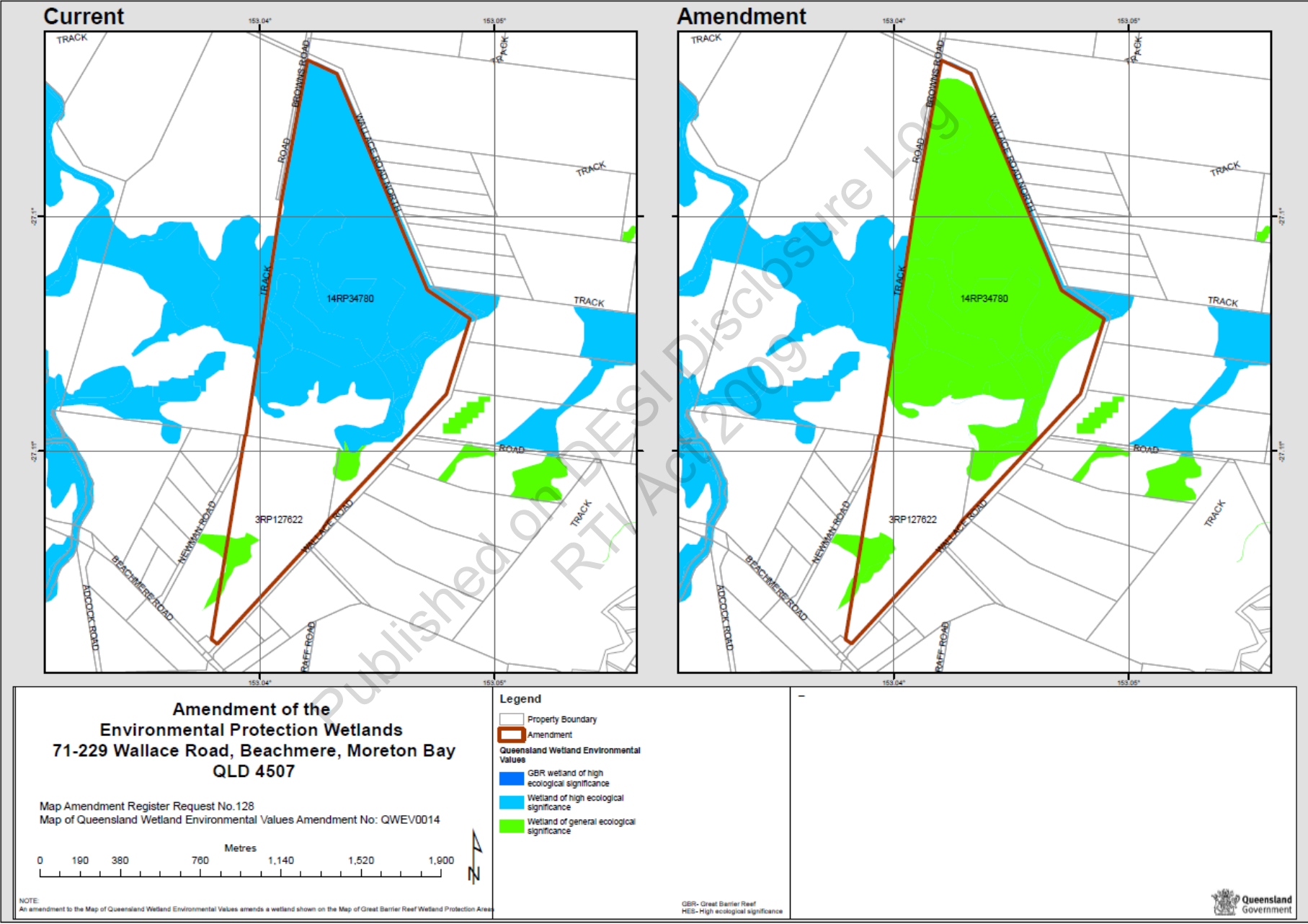
APPENDIX C – SEQ NR ACA (v1.1) results and expected ACA results for amended wetland



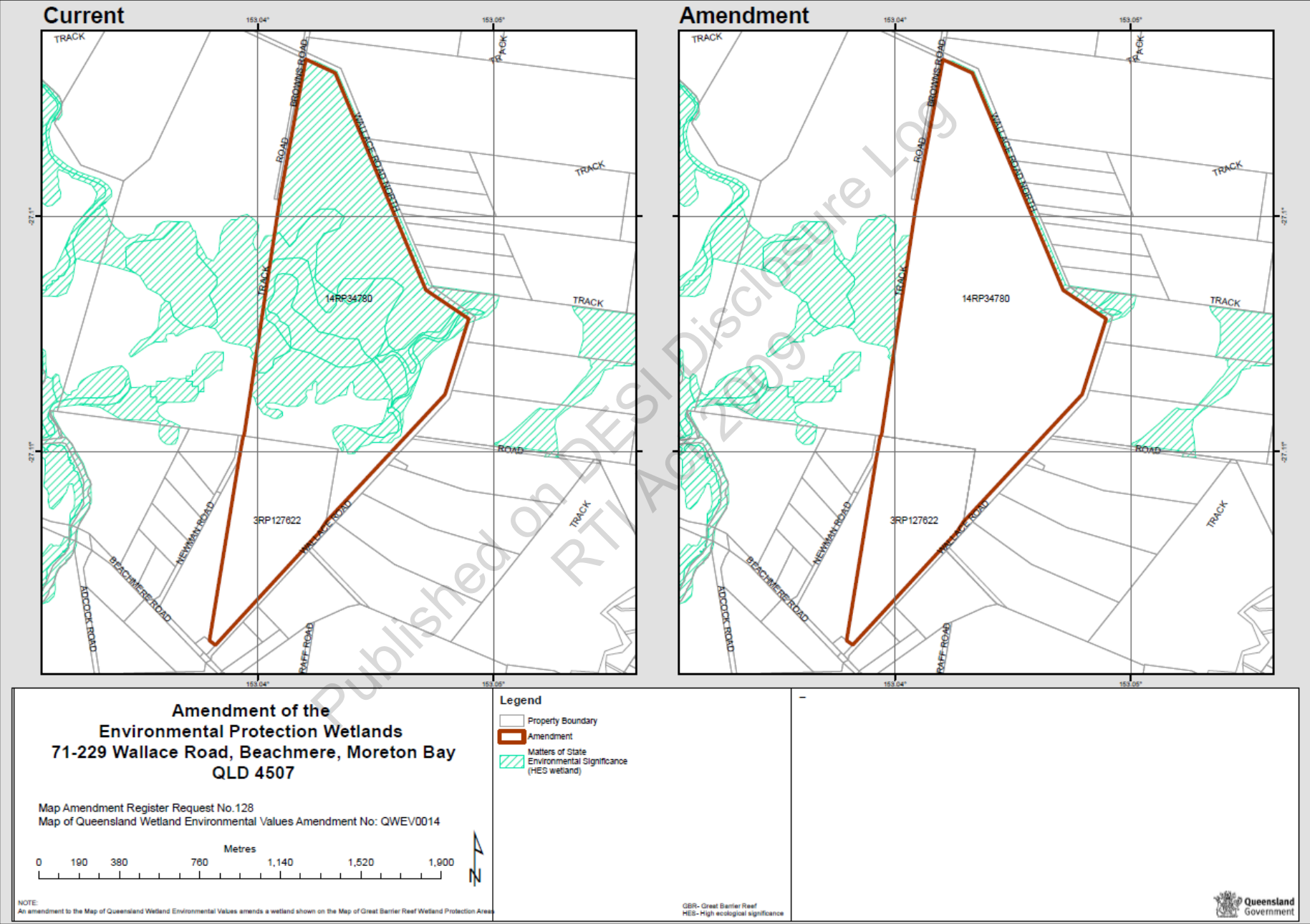
**APPENDIX D - QWEV map amendment: recorded actions**



APPENDIX E – QWEV map: current and amended



**APPENDIX F – Matters of state environmental significance (MSES) – HES wetland map: current and amended**



Date : 20/01/2022 10:05:18 AM

From : "Liz Young"

To : "Stephanie Breuer" Stephanie.Breuer@des.qld.gov.au

Cc : "Planning Support" Planning.Support@des.qld.gov.au

Subject : RE: Wetland mapping amendment request 128 (Wallace Road)

Attachment : Attachment 1 - QWEV0014 Amendment ly.pdf; Delegate Report 128 ly.pdf; image001.png; image002.png; image004.jpg; image005.png;

Hi Steph,

Documents attached and signed.

Cheers

Liz



**Dr Liz Young**

Director

Environmental Planning

Environment Policy and Planning Branch

Environmental Policy and Programs Division

Department of Environment and Science

Level 3, 400 George St, Brisbane QLD

PO Box 15187, City East QLD 4002

Mobile: 0475830479



---

**From:** Stephanie Breuer <Stephanie.Breuer@des.qld.gov.au>

**Sent:** Thursday, 20 January 2022 9:49 AM

**To:** Liz Young

**Cc:** Planning Support

**Subject:** Wetland mapping amendment request 128 (Wallace Road)

Hi Liz,

Please also see attached documentation to progress the wetland mapping amendment for request 128 (Wallace Road, Beachmere).

Documents for signing are:

- Delegate Report
- Attachment 1 – QWEV0014 Amendment

The other supporting attachments are included within the zip file.

Any issues/questions let me know.

Kind regards,



**Stephanie Breuer**

Senior Policy Officer, Environmental Planning

Sustainable Environment | Environmental Policy and Planning

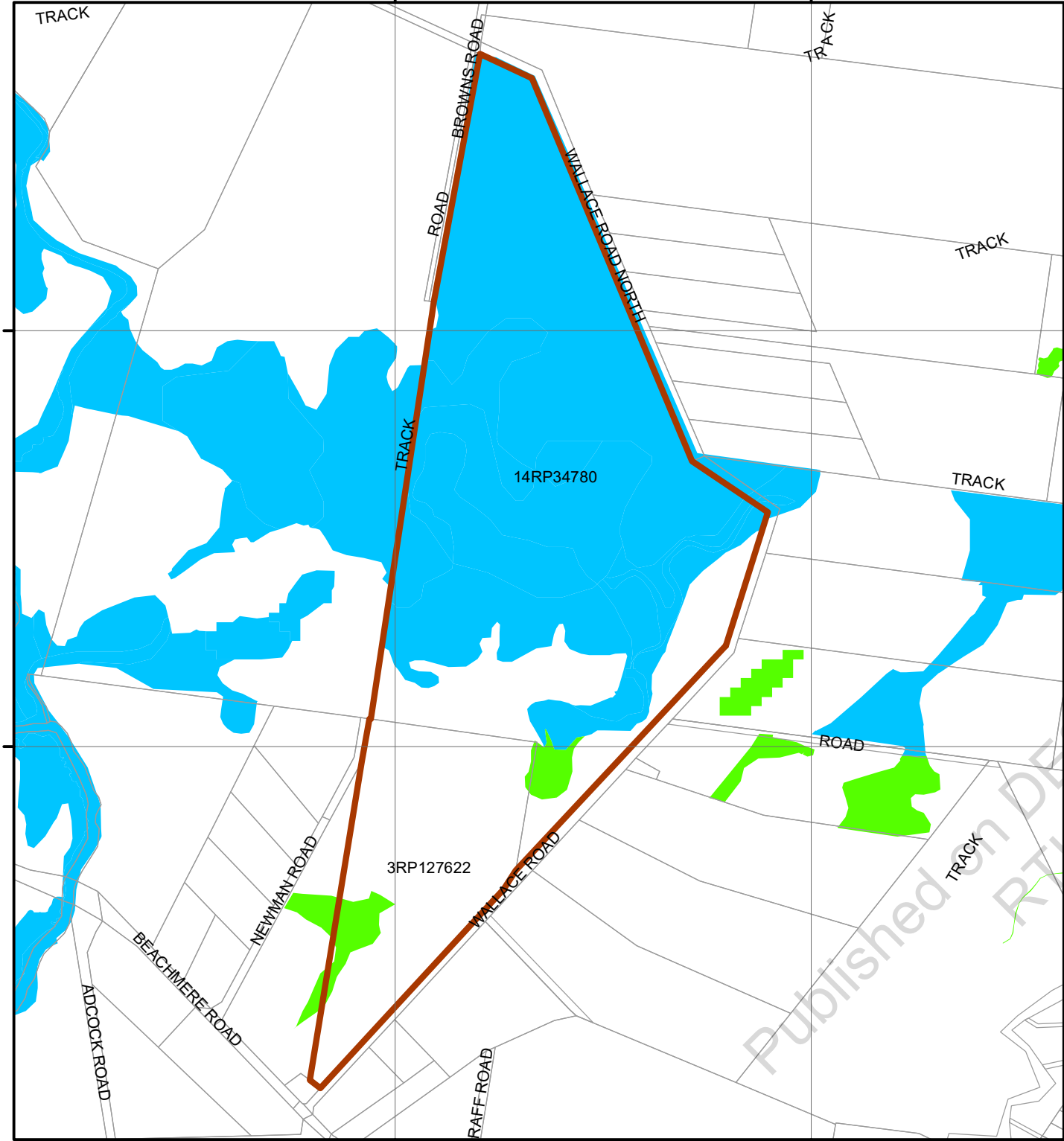
Department of Environment and Science

P 07 3330 5750

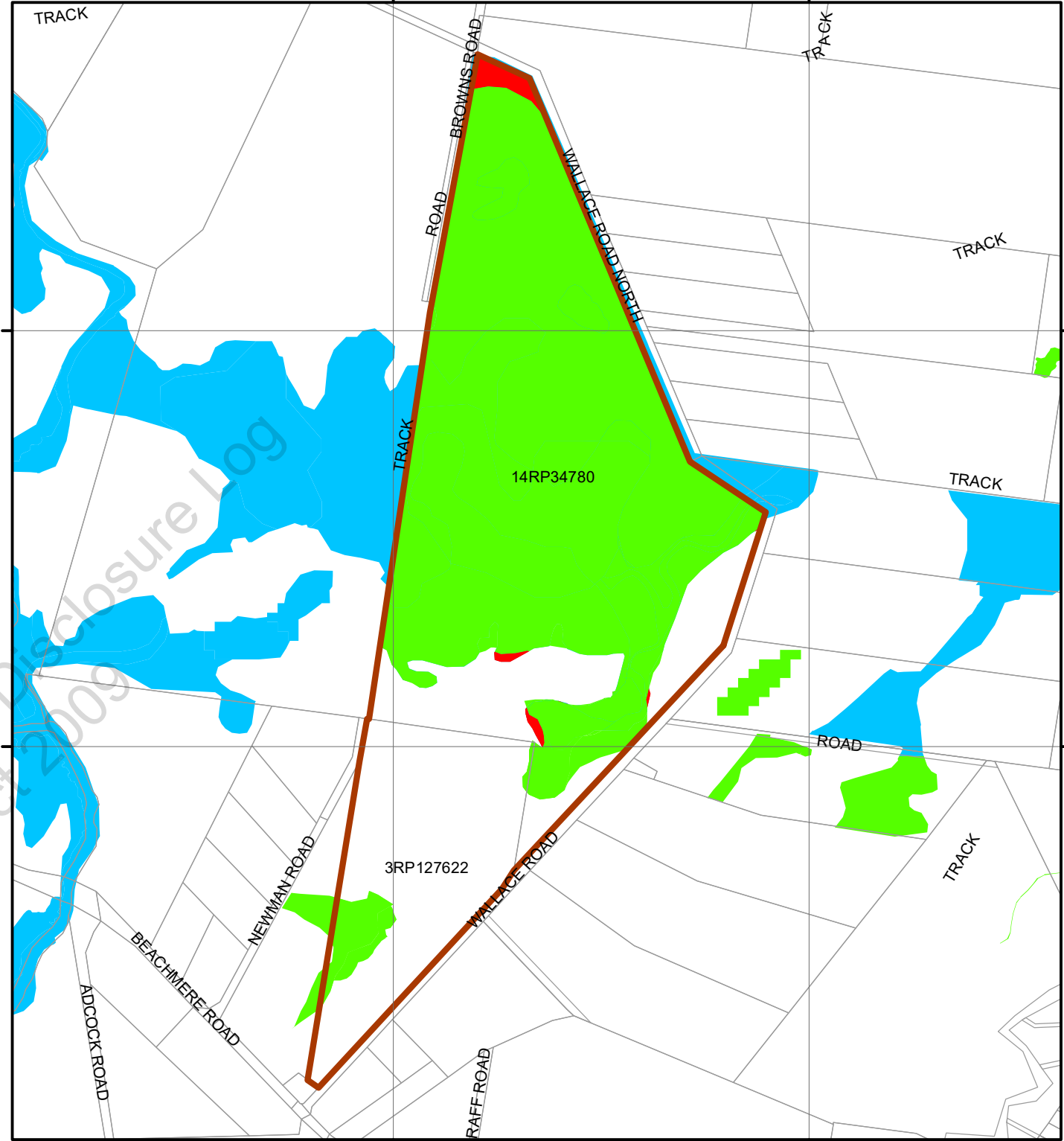
Level 3, 400 George Street, Brisbane

GPO Box 2454, Brisbane Qld 4001

Current as at 1 September 2019

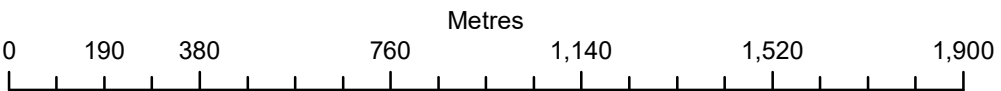


Amendment



**Amendment of the  
Environmental Protection Wetlands  
71-229 Wallace Road, Beachmere, Moreton Bay  
QLD 4507**

Map Amendment Register Request No.128  
Map of Queensland Wetland Environmental Values Amendment No: QWEV0014



NOTE: 23-189  
An amendment to the Map of Queensland Wetland Environmental Values amends a wetland shown on the Map of Great Barrier Reef Wetland Protection Areas

**Legend**

- Amendment Area
- Property Boundary

**Queensland Wetland Environmental Values**

- GBR wetland of high ecological significance
- Wetland of high ecological significance
- Wetland of general ecological significance

Remove wetland area

File B

GBR- Great Barrier Reef  
HES- High ecological significance

**CERTIFICATION OF THE MAP OF QUEENSLAND WETLAND ENVIRONMENTAL VALUES OR  
THE MAP OF GREAT BARRIER REEF WETLAND PROTECTION AREAS**

- I,   
Director, Environmental Policy and Planning Branch,  
Environmental Policy and Programs, as delegate under Environmental Protection Delegation (No 2) 2019 for  
the Chief Executive (Environment) under the *Environmental Protection Act 1994*,  
by this certification, notify that the all data described in this paper format map amends an area shown as either:  
  
- a wetland or a wetland protection area on the 'Map of Great Barrier Reef wetland protection areas'  
amended under section 186 of the Environmental Protection Regulation 2019, or  
  
- a wetland on the 'Map of Queensland wetland environmental values' amended section 19 of the  
Environmental Protection (Water and Wetland Biodiversity) Policy 2019
- The relevant map will be revised electronically to incorporate the amended data contained in this  
paper format map and released as a new version at a future date.

s.73 Irrelevant informatio

20 January 2022

Director

Date

## DELEGATE Decision

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| C4                    | Threatened Species and Ecosystems | Medium           | High             |
| C5                    | Priority Species and Ecosystems   | High             | High             |
| C6                    | Special Features                  | No data          | No data          |
| C7                    | Connectivity                      | Medium           | Medium           |
| C8                    | Representativeness                | Very High        | Very High        |
| Filter table decision |                                   | 20               | 19               |
| <b>AquaScore</b>      |                                   | <b>Medium</b>    | <b>Medium</b>    |

## 8. GBRWPA adjustment considerations

The subject site is not located within a Great Barrier Reef catchment, therefore no GBRWPA adjustment is required.

## 9. Amendment

The proposed amendment to the Map of Queensland Wetland Environmental Values (QWEV0014) is at **Attachment 1** for your consideration and endorsement.

Details of the proposed amendment and relevant evidence are summarised in the table below.

| Amendment                                                                                                                                                                                               | Type                | Evidence         | Related attachments      | Delegate approves |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|--------------------------|-------------------|
| 1. Adjust the extent of the wetland in accordance with updated wetlands mapping from the Queensland Herbarium.                                                                                          | Boundary adjustment | Herbarium advice | Attachment 3, Appendix B |                   |
| 2. Reclass High Ecological Significance (HES) wetlands within the site to General Ecological Significance (GES) in accordance with the mapping rules because the AquaScore for the wetland is "Medium". | Values adjustment   | Mapping rules    | Appendix A               |                   |
|                                                                                                                                                                                                         |                     | BAT advice       | Attachment 4, Appendix C |                   |

The amendment actions for the QWEV map are shown at **Appendix D**.

An example of the change to the QWEV map is at **Appendix E**.

The proposed amendment to the Map of Queensland Wetland Environmental Values would also affect Matters of State Environmental Significance (MSES) mapping of 'high ecological significance' wetlands. An example of the change to MSES mapping is at **Appendix F**.

## 10. Evidence/Attachments

### Attachments:

1. Amendment map to be signed
2. Consultant report
3. Herbarium advice
4. BAT advice

### Appendices:

- A. Environmental protection wetland mapping rules summary
- B. Current (QWP v5) and proposed (WMAR166) Queensland wetland mapping
- C. SEQ NR ACA (v1.1) results and expected ACA result for amended wetland
- D. QWEV map amendment: recorded actions
- E. QWEV map: current and amended
- F. Matters of state environmental significance (MSES) – HES wetland map: current and amended

## Recommendation to Delegated Officer

I recommend that the delegated officer approve the making and certification of a wetland amendment. A certifiable 'amendment map' has been prepared and is attached to the file.

X

s.73 Irrelevant information

Stephanie Breuer

Senior Policy Officer, Environmental Planning, Environment Policy and Planning Branch,  
Environmental Policy and Programs Division

## Delegated Officer Approval

I have been briefed on the assessment report and within the powers delegated:

☒ Agree with the recommendation

☐ Disagree with the recommendation

X

s.73 Irrelevant information

Delegate

Director, Environment Planning, Environment Policy and Planning Branch, Environmental  
Policy and Programs Division

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Published on DESI Disclosure Log  
RTI Act 2009

## **APPENDIX A – Environmental Protection wetland mapping rules summary**

This summary covers the following wetland mapping products under the Environmental Protection Regulation.

The Map of Queensland Wetland Environmental Values:

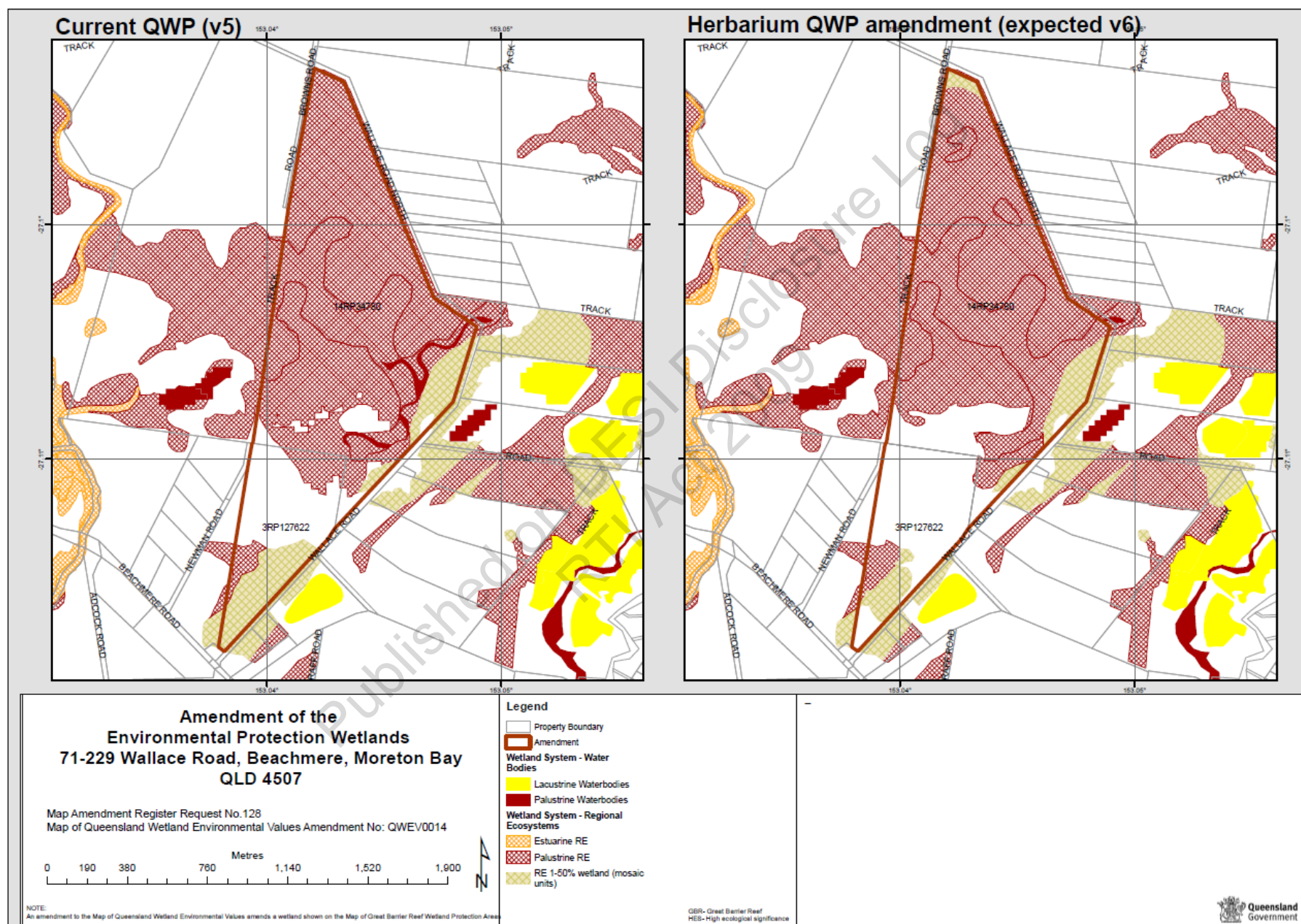
- Wetland of ecological significance
  - Great Barrier Reef High Ecological Significance (GBR HES),
  - High ecological significance (HES)
  - General Ecological Significance (GES)

The Map of Great Barrier Reef (GBR) Wetland Protection Areas:

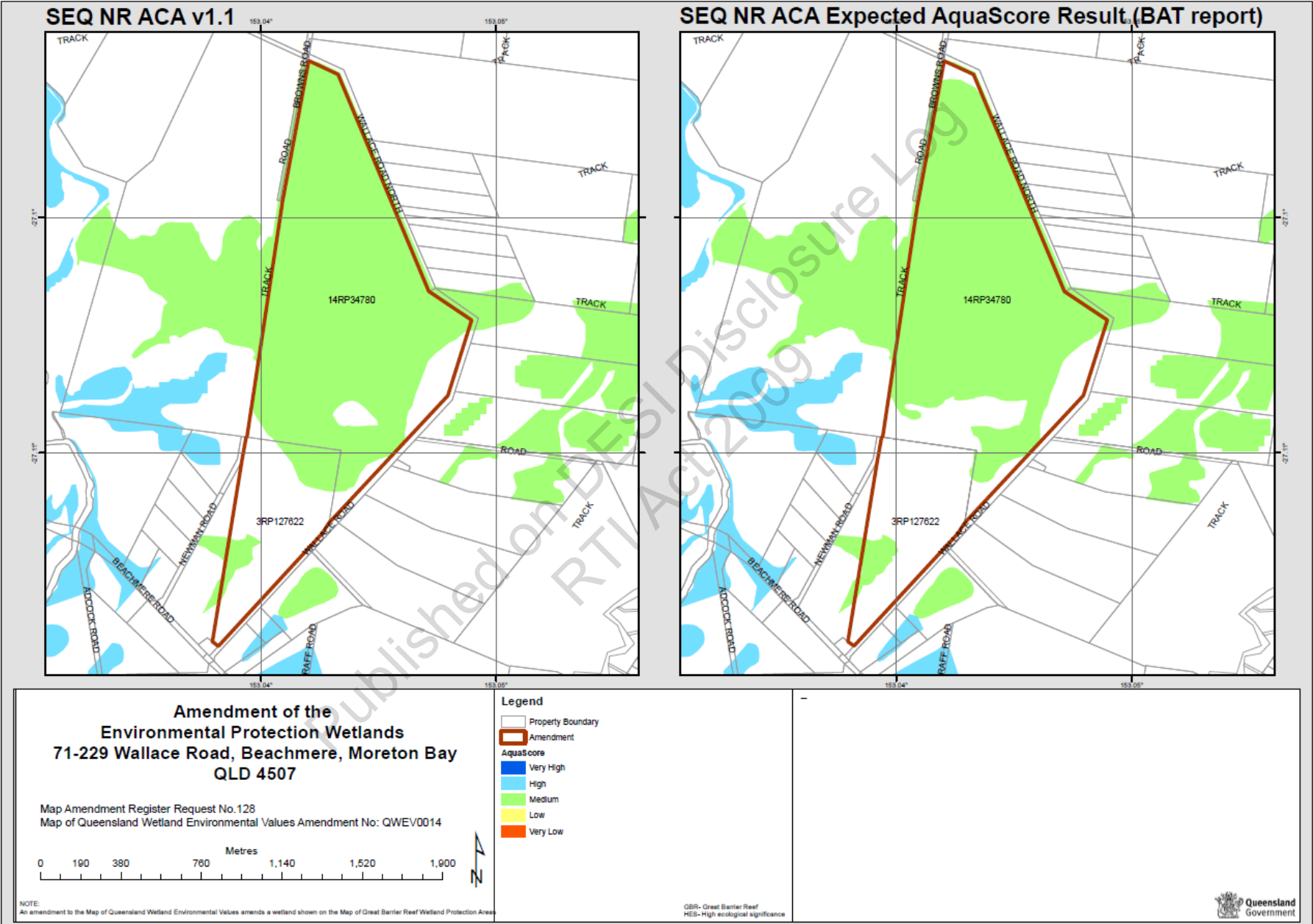
- GBR wetland protection areas
- Wetland in a wetland protection area

| Category                             | Included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Excluded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GBR HES Wetland                      | <ul style="list-style-type: none"> <li>all undisturbed freshwater palustrine (swamps) and lacustrine (lakes) water bodies and associated wetland Regional Ecosystems assessed under AquaBAMM as “high” or “very high” aquatic conservation assessment rating (Aquascore).</li> <li>Regional Ecosystem polygons were included where greater than 51% of the polygon was palustrine or lacustrine RE.</li> <li>springs identified by AquaBAMM as “high” or “very high” Aquascore</li> <li>some wetlands assessed under AquaBAMM as high or very high conservation value that were not deemed to be <i>not highly modified</i> by regional staff and experts or where hydrology has not changed significantly due to a levee bank or bunding wall.</li> <li>for all the above, categories of the following modifiers under the Queensland wetland mapping (version 2, 2009)               <ul style="list-style-type: none"> <li>○ unmodified (H1) and</li> <li>○ modified H2M2, H2M3, H2M4, H2M5 and H2M8</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>all wetlands not identified as of high or very high conservation value under AquaBAMM</li> <li>all wetlands, regardless of aquatic conservation value, that are highly modified under any other modifiers not listed in “included” under the Queensland wetland mapping (version 2, 2009)</li> <li>springs not identified as of high or very high conservation value under AquaBAMM</li> <li>artificial waterbodies</li> <li>all estuarine (brackish/salt) or marine (salt) wetlands</li> </ul> |
| GBR Wetland Protection Areas         | <ul style="list-style-type: none"> <li>100m trigger area around a GBR HES wetland in urban areas and</li> <li>500m trigger area around a GBR HES wetland in non-urban areas</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>small lots up to 2,000 m2 identified as built-up areas</li> <li>sand mines</li> <li>floodplains</li> <li>parts of trigger areas that were observed to intersect across a known drainage line</li> <li>parts of trigger areas that were observed to intersect across a known drainage line</li> </ul>                                                                                                                                                                                            |
| HES wetlands outside the GBR         | <ul style="list-style-type: none"> <li>As determined by the Method for Mapping Ecological State Interests for Land Use Planning and Development Assessment (version 2, 2010)</li> <li>Any new determining of HES is as a result of updated AquaBAMM Aquascore rating of “high” or “very high”.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| GES Wetlands                         | <ul style="list-style-type: none"> <li>As determined by the Method for Mapping Ecological State Interests for Land Use Planning and Development Assessment (version 2, 2010)</li> <li>Any new determining of GES is as a result of updated AquaBAMM Aquascore rating being downgraded from a rating of “high” or “very high”.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Wetland in a wetland protection area | <ul style="list-style-type: none"> <li>A GBR HES wetland as above within a GBR wetland protection area</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

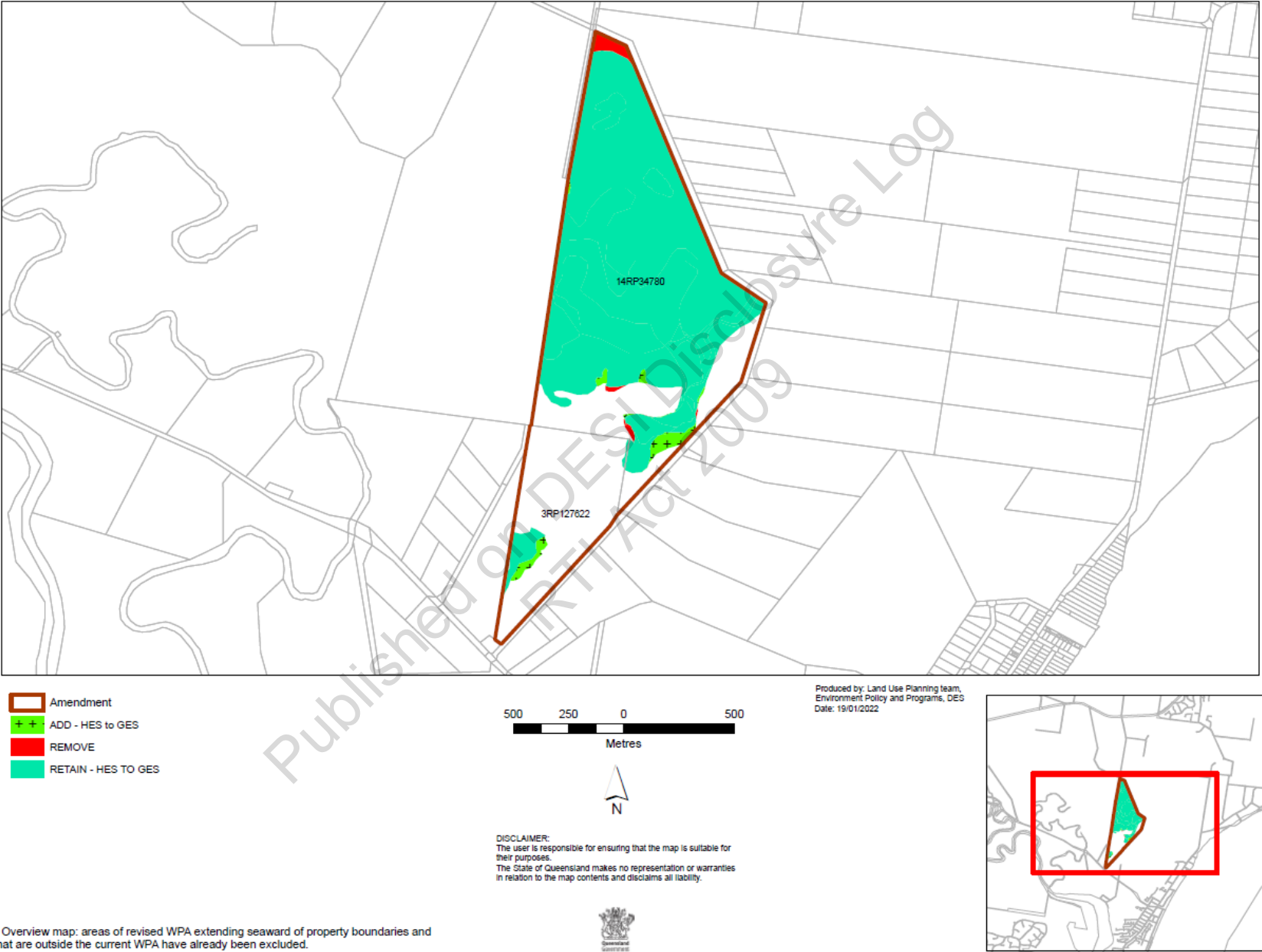
# APPENDIX B – Current (QWP v5) and proposed (WMAR166) Queensland wetland mapping



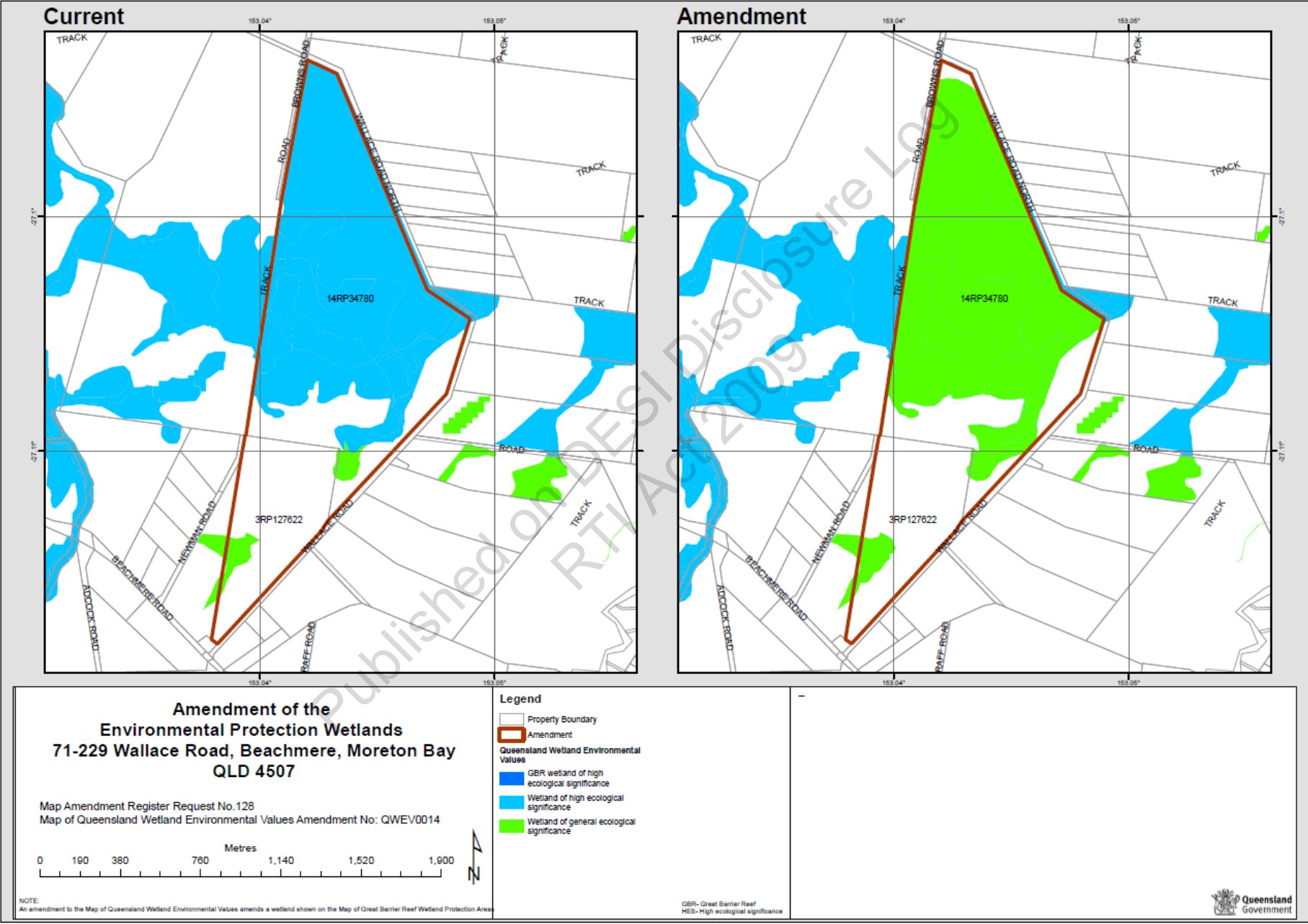
APPENDIX C – SEQ NR ACA (v1.1) results and expected ACA results for amended wetland



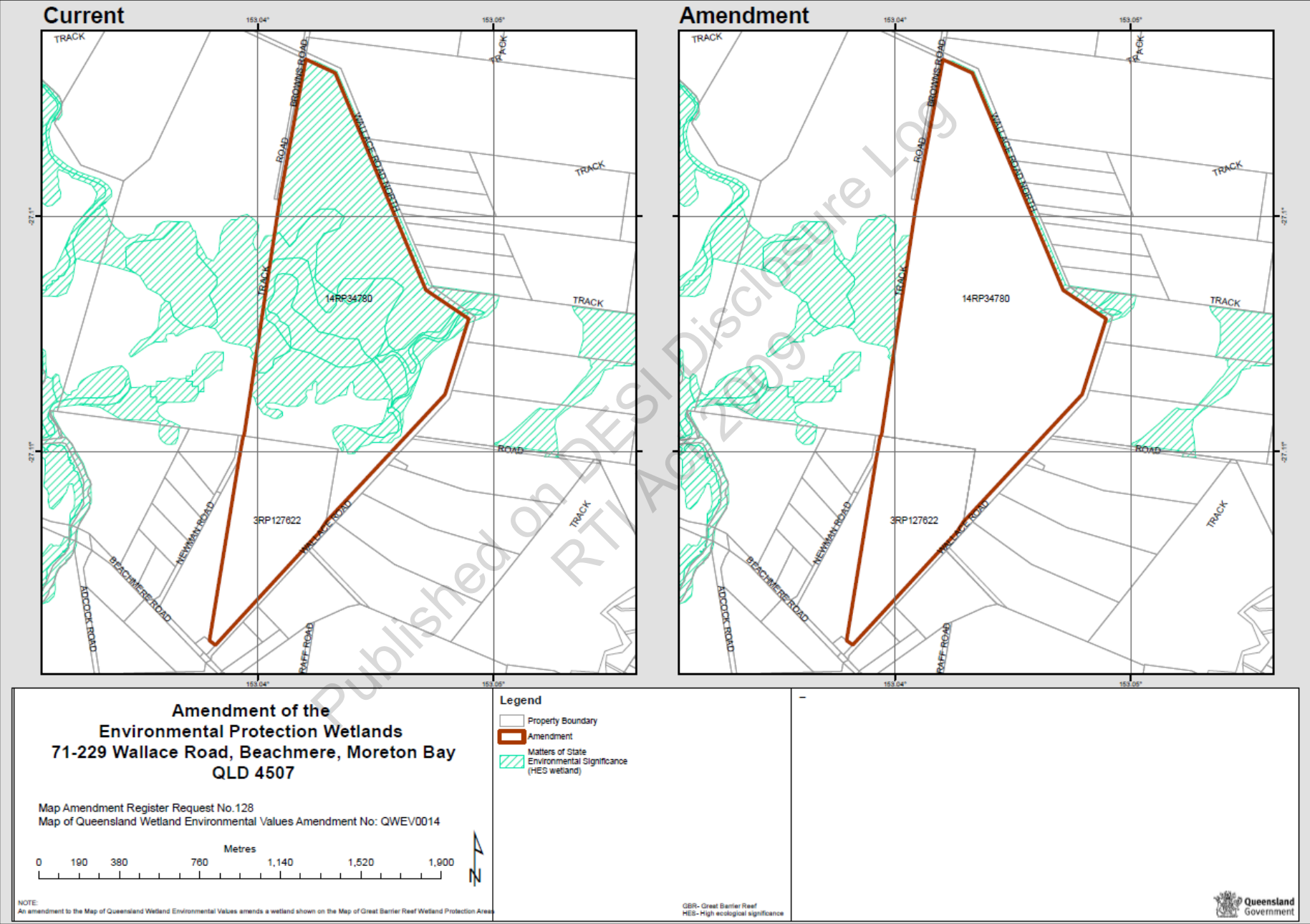
**APPENDIX D - QWEV map amendment: recorded actions**



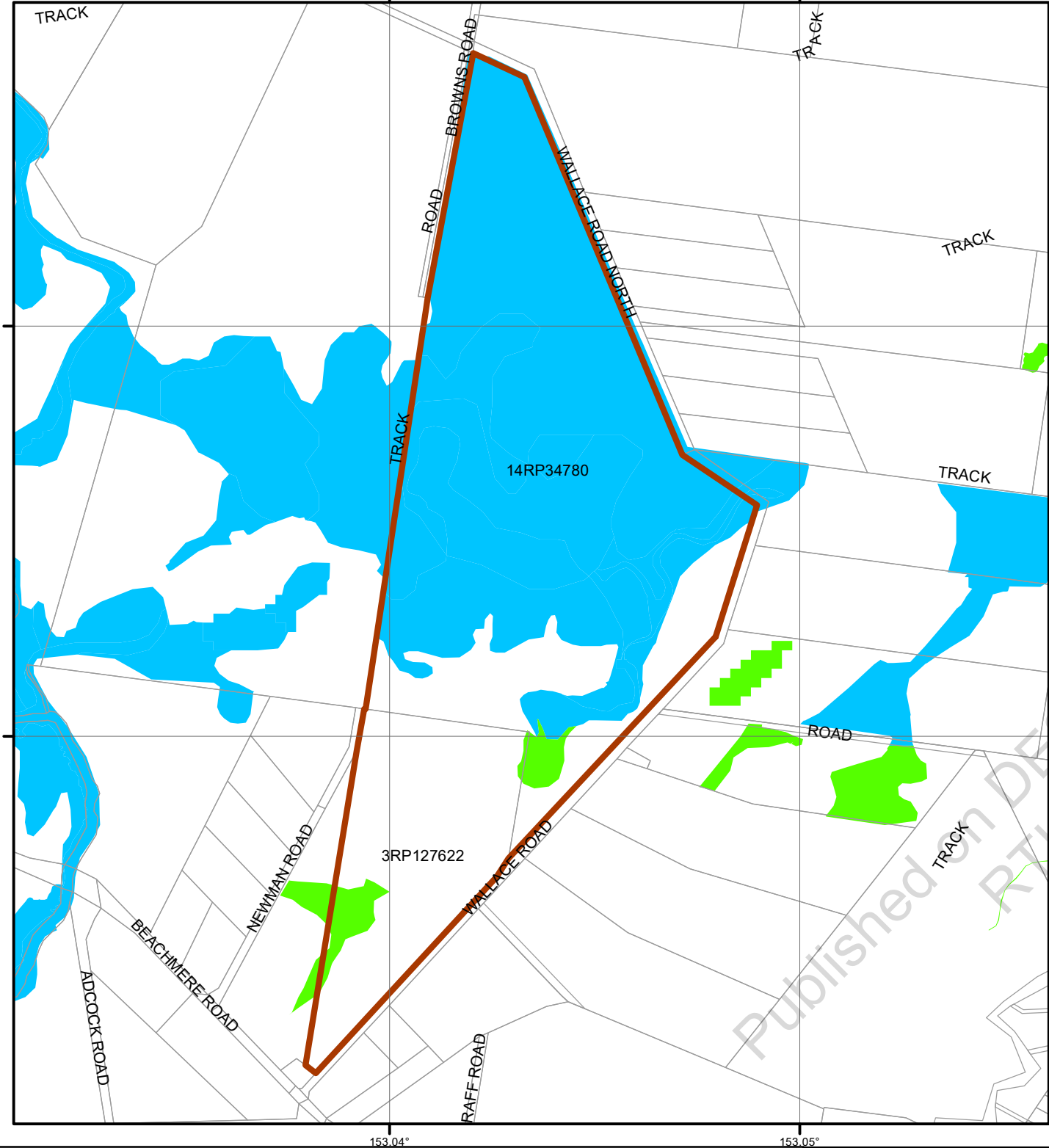
APPENDIX E – QWEV map: current and amended



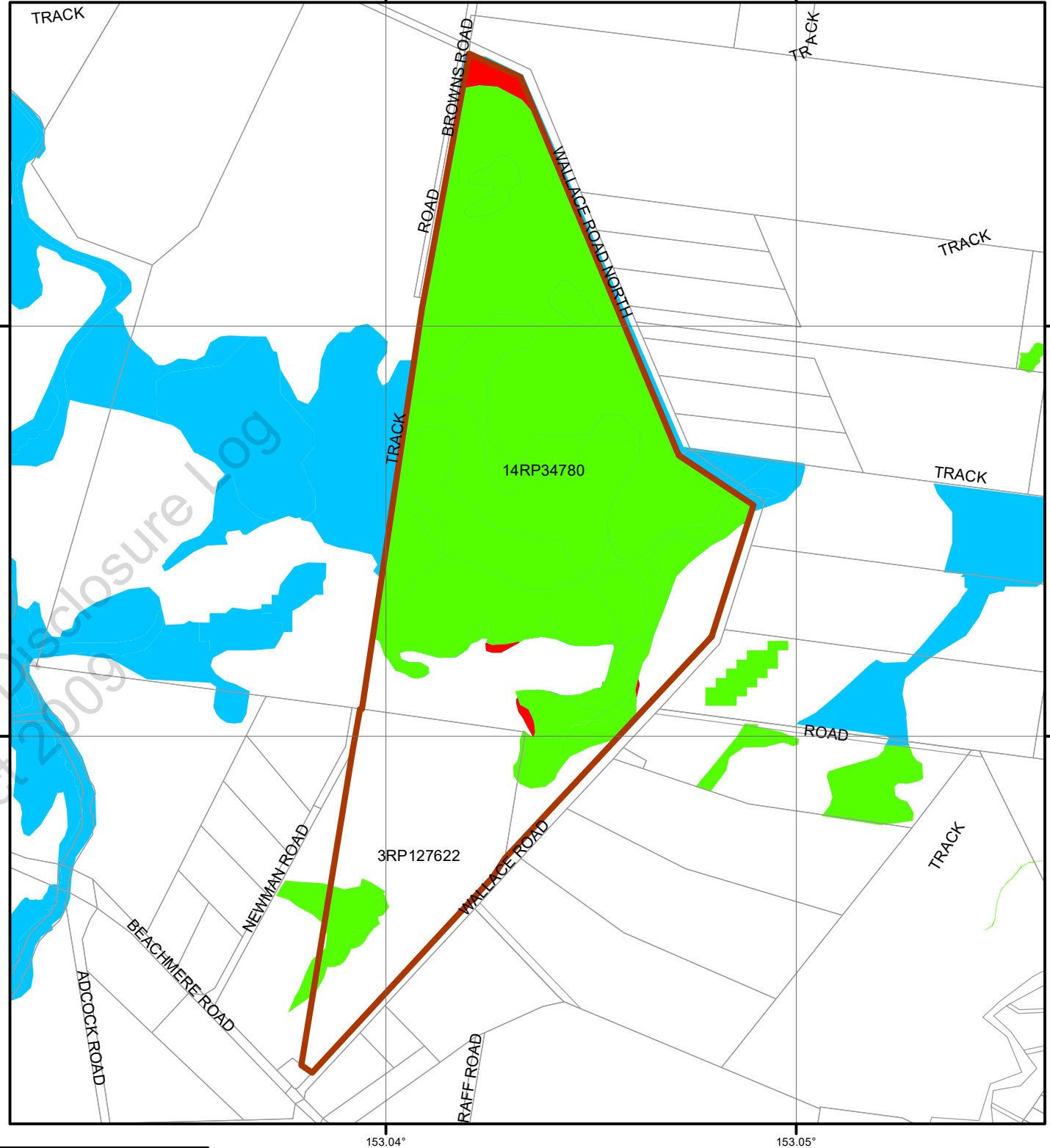
**APPENDIX F – Matters of state environmental significance (MSES) – HES wetland map: current and amended**



Current as at 1 September 2019

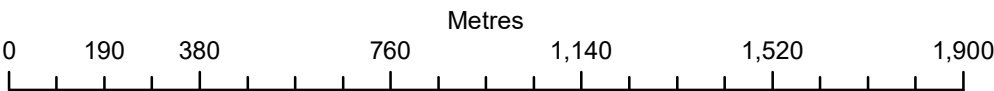


Amendment



**Amendment of the  
Environmental Protection Wetlands  
71-229 Wallace Road, Beachmere, Moreton Bay  
QLD 4507**

Map Amendment Register Request No.128  
Map of Queensland Wetland Environmental Values Amendment No: QWEV0014



NOTE: 23-189  
An amendment to the Map of Queensland Wetland Environmental Values amends a wetland shown on the Map of Great Barrier Reef Wetland Protection Areas

**Legend**

- Amendment Area
- Property Boundary

**Queensland Wetland Environmental Values**

- GBR wetland of high ecological significance
- Wetland of high ecological significance
- Wetland of general ecological significance

Remove wetland area

File B

GBR- Great Barrier Reef  
HES- High ecological significance

**CERTIFICATION OF THE MAP OF QUEENSLAND WETLAND ENVIRONMENTAL VALUES OR  
THE MAP OF GREAT BARRIER REEF WETLAND PROTECTION AREAS**

1. I, **[Signature]**, Director, Environmental Policy and Planning Branch, Environmental Policy and Programs, as delegate under Environmental Protection Delegation (No 2) 2019 for the Chief Executive (Environment) under the *Environmental Protection Act 1994*, by this certification, notify that the all data described in this paper format map amends an area shown as either:

- a wetland or a wetland protection area on the 'Map of Great Barrier Reef wetland protection areas' amended under section 186 of the Environmental Protection Regulation 2019, or

- a wetland on the 'Map of Queensland wetland environmental values' amended section 19 of the Environmental Protection (Water and Wetland Biodiversity) Policy 2019

2. The relevant map will be revised electronically to incorporate the amended data contained in this paper format map and released as a new version at a future date.

s.73 Irrelevant informat

20 January 2022

Director

Date