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Published on: 14 April 2020

Statement No. 1129

STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(*Environmental Protection Act 1986*)

YANCHEP RAIL EXTENSION PART 2 – EGLINTON TO YANCHEP

Proposal: The proposal is to construct and operate a 7.2 kilometre extension to the existing Joondalup railway line from Eglinton Station to the suburb of Yanchep in the City of Wanneroo.

Proponent: Public Transport Authority of Western Australia
Australian Business Number 61 850 109 576

Proponent Address: Public Transport Centre, West Parade
PERTH WA 6000

Assessment Number: 2174

Report of the Environmental Protection Authority: 1656

Pursuant to section 45 of the *Environmental Protection Act 1986*, it has been agreed that the proposal described and documented in Table 1 of Schedule 1 may be implemented and that the implementation of the proposal is subject to the following implementation conditions and procedures:

1 Proposal Implementation

1-1 When implementing the proposal, the proponent shall not exceed the authorised extent of the proposal as defined in Table 2 of Schedule 1, unless amendments to the proposal and the authorised extent of the proposal have been approved under the EP Act.

2 Contact Details

2-1 The proponent shall notify the CEO of any change of its name, physical address or postal address for the serving of notices or other correspondence within twenty-eight (28) days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.

3 Time Limit for Proposal Implementation

- 3-1 The proponent shall not commence implementation of the proposal after five (5) years from the date of this Statement, and any commencement, prior to this date, must be substantial.
- 3-2 Any commencement of implementation of the proposal, on or before five (5) years from the date of this Statement, must be demonstrated as substantial by providing the CEO with written evidence, on or before the expiration of five (5) years from the date of this Statement.

4 Compliance Reporting

- 4-1 The proponent shall prepare, and maintain a Compliance Assessment Plan which is submitted to the CEO at least six (6) months prior to the first Compliance Assessment Report required by condition 4-6, or prior to implementation of the proposal, whichever is sooner.
- 4-2 The Compliance Assessment Plan shall indicate:
 - (1) the frequency of compliance reporting;
 - (2) the approach and timing of compliance assessments;
 - (3) the retention of compliance assessments;
 - (4) the method of reporting of potential non-compliances and corrective actions taken;
 - (5) the table of contents of Compliance Assessment Reports; and
 - (6) public availability of Compliance Assessment Reports.
- 4-3 After receiving notice in writing from the CEO that the Compliance Assessment Plan satisfies the requirements of condition 4-2 the proponent shall assess compliance with conditions in accordance with the Compliance Assessment Plan required by condition 4-1.
- 4-4 The proponent shall retain reports of all compliance assessments described in the Compliance Assessment Plan required by condition 4-1 and shall make those reports available when requested by the CEO.
- 4-5 The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.
- 4-6 The proponent shall submit to the CEO the first Compliance Assessment Report fifteen (15) months from the date of issue of this Statement addressing the twelve (12) month period from the date of issue of this Statement and then annually from the date of submission of the first Compliance Assessment Report, or as otherwise agreed in writing by the CEO.

The Compliance Assessment Report shall:

- (1) be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf;
- (2) include a statement as to whether the proponent has complied with the conditions;
- (3) identify all potential non-compliances and describe corrective and preventative actions taken;
- (4) be made publicly available in accordance with the approved Compliance Assessment Plan; and
- (5) indicate any proposed changes to the Compliance Assessment Plan required by condition 4-1.

5 Public Availability of Data

5-1 Subject to condition 5-2, within a reasonable time period approved by the CEO of the issue of this Statement and for the remainder of the life of the proposal the proponent shall make publicly available, in a manner approved by the CEO, all validated environmental data (including sampling design, sampling methodologies, empirical data and derived information products (e.g. maps)), management plans and reports relevant to the assessment of this proposal and implementation of this Statement.

5-2 If any data referred to in condition 5-1 contains particulars of:

- (1) a secret formula or process; or
- (2) confidential commercially sensitive information;

the proponent may submit a request for approval from the CEO to not make these data publicly available. In making such a request the proponent shall provide the CEO with an explanation and reasons why the data should not be made publicly available.

6 Green Bridges (Structures) Ningana Bushland – Flora and Vegetation – Terrestrial Fauna

6-1 The proponent shall implement the proposal to meet the following environmental objective:

- (1) maintain the ecological linkage across Bush Forever site 289.

6-2 To verify that the objective of condition 6-1(1) is being met, the proponent shall construct no less than three (3) **green bridges** across the proposal within Bush Forever site 289. The **green bridges** shall:

- (1) be of at least thirty (30) metres in width;
 - (2) directly connect areas of **intact native vegetation** to provide a continuously vegetated link;
 - (3) be located in the southern and central extent of Bush Forever site 289 intersected by the proposal;
 - (4) provide vegetative cover and **fauna habitat** across the extent of each **green bridge** to ensure no more than twenty (20) per cent bare ground; and
 - (5) provide suitable **pollinator habitat**.
- 6-3 Prior to ground-disturbing activities within Bush Forever site 289, the proponent shall prepare, in consultation with the DBCA, and submit, a Green Bridge Design and Management Plan to the requirements of the CEO.
- 6-4 The Green Bridge Design and Management Plan required by condition 6-3 shall:
- (1) specify the indicative locations of the **green bridges** required by condition 6-2;
 - (2) include minimum specifications for the **green bridges** required by condition 6-2 including dimensions, depth of the soil profile, selection of locally native flora species, reticulation of vegetation, width of the vegetated portion, pedestrian access (where appropriate), provision of **fauna habitat**, entry design, and drainage provisions;
 - (3) include completion criteria for the provision of vegetative cover and **fauna habitat** to meet condition 6-2(4);
 - (4) specify on-ground **management actions** to be undertaken at the entry to and on the **green bridges**, for:
 - (a) feral animal control;
 - (b) weed control;
 - (c) access control; and
 - (d) hygiene control;
 - (5) detail ongoing management and maintenance responsibilities; and
 - (6) show evidence of any third-party input received, including how that input was addressed.
- 6-5 The Green Bridge Design and Management Plan required by condition 6-3 shall be approved by notice in writing from the CEO prior to the commencement of ground-disturbing activities within Bush Forever site 289.

6-6 After receiving notice in writing from the CEO, on advice of the DBCA, that the Green Bridge Design and Management Plan satisfies the requirements of condition 6-4, the proponent shall implement the Green Bridge Design and Management Plan.

6-7 The proponent:

- (1) may review and revise the Green Bridge Design and Management Plan; or
- (2) shall review and revise the Green Bridge Design and Management Plan as and when directed by the CEO.

6-8 The proponent shall implement the latest version of the Green Bridge Design and Management Plan, which the CEO has confirmed by notice in writing, satisfies the requirements of condition 6-4.

7 Environmental Management Plan – Ningana Bushland Indirect Impacts (Flora and Vegetation and Terrestrial Fauna)

7-1 The proponent shall ensure that the proposal is implemented to meet the following environmental objective:

- (1) **indirect impacts** to flora and vegetation and terrestrial fauna are minimised directly outside the development envelope within Bush Forever site 289.

7-2 In order to meet the objective of condition 7-1(1), the proponent shall, prior to ground-disturbing activities within Bush Forever site 289, prepare and submit an Environmental Management Plan to the satisfaction of the CEO, on advice of the DBCA.

7-3 The Environmental Management Plan required by condition 7-2 shall:

- (1) specify risk-based **management actions** that will be implemented to meet the environmental objective specified in condition 7-1(1);
- (2) specify measurable **management target(s)** to determine the effectiveness of the risk-based **management actions** required by condition 7-3(1);
- (3) specify monitoring parameters to measure the effectiveness of **management actions** against the **management target(s)** required by condition 7-3(2);
- (4) specify the location(s), frequency and timing of monitoring;
- (5) specify a process for revision of **management actions** and changes to proposal activities, in the event that the **management target(s)** are not

achieved. The process shall include an investigation to determine the cause of **management target(s)** not being achieved;

- (6) show evidence of any third-party input received, including how that input was addressed; and
- (7) provide the format and timing to demonstrate that condition 7-1 has been met for the reporting period in the Compliance Assessment Report required by condition 4-6 including, but not limited to:
 - (a) verification of the implementation of **management actions**; and
 - (b) reporting on the effectiveness of **management actions** against the **management target(s)**.

7-4 The Environmental Management Plan required by condition 7-2 shall be approved by notice in writing from the CEO prior to the commencement of ground-disturbing activities within Bush Forever site 289.

7-5 After receiving notice in writing from the CEO that the Environmental Management Plan required by condition 7-2 satisfies the requirements of condition 7-3, the proponent shall:

- (1) implement the Environmental Management Plan within Bush Forever site 289; and
- (2) continue to implement the Environmental Management Plan until the CEO has confirmed by notice in writing that the proponent has demonstrated the objective specified in condition 7-1(1) has been met.

7-6 In the event that monitoring or investigations indicate **management target(s)** specified in the Environmental Management Plan have not been achieved, the proponent shall:

- (1) provide a report to the CEO in writing within twenty-one (21) days of the identification of the **management target(s)** not being achieved;
- (2) investigate to determine the cause of the **management target(s)** not being achieved; and
- (3) provide a report to the CEO within sixty (60) days of the reported identification of the **management target(s)** not being achieved as required by condition 7-6(1). The report shall include:
 - (a) cause of management targets not being achieved;
 - (b) the findings of the investigation required by condition 7-6(2);
 - (c) details of revised and/or additional **management actions** to be implemented to achieve **management target(s)**; and

(d) relevant changes to proposal activities.

7-7 In the event that monitoring or investigations indicate that one or more **management actions** specified in the Environmental Management Plan required by condition 7-2 have not been implemented, the proponent shall:

- (1) report the failure to implement **management actions** in writing to the CEO within seven (7) days of identification;
- (2) investigate to determine the cause of the **management actions** not being implemented;
- (3) investigate to provide information for the CEO to determine potential environmental harm or alteration of the environment that occurred due to the failure to implement **management actions**; and
- (4) provide a report to the CEO within twenty-one (21) days of the reporting required by condition 7-7(1). The report shall include:
 - (a) cause for failure to implement management actions;
 - (b) the findings of the investigation required by conditions 7-7(2) and 7-7(3);
 - (c) relevant changes to proposal activities; and
 - (d) measures to prevent, control or abate the environmental harm which may have occurred.

7-8 The proponent:

- (1) may review and revise the Environmental Management Plan; or
- (2) shall review and revise the Environmental Management Plan as and when directed by the CEO.

7-9 The proponent shall implement the latest revision of the Environmental Management Plan, which the CEO has confirmed by notice in writing, satisfies the requirements of condition 7-3.

8 Revegetation Management Plan – Ningana Bushland (Flora and Vegetation)

8-1 The proponent shall ensure that the proposal is implemented to meet the following environmental objective:

- (1) areas of native vegetation cleared within Bush Forever site 289 not required for ongoing operations are revegetated within twenty-four (24) months of completion of construction activities.

- 8-2 To verify that the objective of condition 8-1(1) will be met, the proponent shall, within twelve (12) months of the publication of this Statement, or as otherwise agreed by the CEO, prepare and submit a Revegetation Management Plan to the satisfaction of the CEO, on advice of the DBCA.
- 8-3 The Revegetation Management Plan required by condition 8-2 shall:
- (1) identify and map indicative areas to be revegetated as required by condition 8-1(1);
 - (2) specify risk-based **management actions** that will be implemented to meet the environmental objective specified in condition 8-1(1);
 - (3) specify measurable **management target(s)** to determine the effectiveness of the risk-based **management actions** required by condition 8-3(2), including revegetation completion criteria using locally native species;
 - (4) specify monitoring parameters to measure the effectiveness of **management actions** against the **management target(s)** required by condition 8-3(3);
 - (5) specify the location(s), frequency and timing of monitoring;
 - (6) specify a process for revision of **management actions** and changes to proposal activities, in the event that the **management target(s)** are not achieved. The process shall include an investigation to determine the cause of **management target(s)** not being achieved; and
 - (7) provide the format and timing to demonstrate that condition 8-1 has been met for the reporting period in the Compliance Assessment Report required by condition 4-6 including, but not limited to:
 - (a) verification of the implementation of **management actions**; and
 - (b) reporting on the effectiveness of **management actions** against the **management target(s)**.
- 8-4 Those areas to be revegetated as identified in condition 8-3(1) shall not include areas required for ongoing operations including, but not limited to, drainage basins and embankments.
- 8-5 The proponent shall not plant known species of foraging habitat for black cockatoos, including but not limited to, *Banksia* spp., *Hakea* spp., *Grevillea* spp. and *Eucalyptus* spp., within ten (10) metres of the constructed railway.
- 8-6 After receiving notice in writing from the CEO that the Revegetation Management Plan required by condition 8-2 satisfies the requirements of condition 8-3, the proponent shall:

- (1) implement the Revegetation Management Plan within Bush Forever site 289 within six (6) months of completion of construction; and
- (2) continue to implement the Revegetation Management Plan until the CEO has confirmed by notice in writing that the proponent has demonstrated that the completion criteria in the Revegetation Management Plan have been met.

8-7 In the event that monitoring or investigations indicate **management target(s)** specified in the Revegetation Management Plan have not been achieved, the proponent shall:

- (1) provide a report to the CEO in writing within twenty-one (21) days of the identification of the **management target(s)** not being achieved;
- (2) investigate to determine the cause of the **management target(s)** not being achieved; and
- (3) provide a report to the CEO within sixty (60) days of the reported identification of the **management target(s)** not being achieved as required by condition 8-7(1). The report shall include:
 - (a) cause of management targets not being achieved;
 - (b) the findings of the investigation required by condition 8-7(2);
 - (c) details of revised and/or additional **management actions** to be implemented to achieve **management target(s)**; and
 - (d) relevant changes to proposal activities.

8-8 In the event that monitoring or investigations indicate that one or more **management actions** specified in the Revegetation Management Plan required by condition 8-2 have not been implemented, the proponent shall:

- (1) report the failure to implement **management actions** in writing to the CEO within seven (7) days of identification;
- (2) investigate to determine the cause of the **management actions** not being implemented;
- (3) investigate to provide information for the CEO to determine potential environmental harm or alteration of the environment that occurred due to the failure to implement **management actions**; and
- (4) provide a report to the CEO within twenty-one (21) days of the reporting required by condition 8-8(1). The report shall include:
 - (a) cause for failure to implement management actions;

- (b) the findings of the investigation required by conditions 8-8(2) and 8-8(3);
- (c) relevant changes to proposal activities; and
- (d) measures to prevent, control or abate the environmental harm which may have occurred.

8-9 The proponent:

- (1) may review and revise the Revegetation Management Plan; or
- (2) shall review and revise the Revegetation Management Plan as and when directed by the CEO.

8-10 The proponent shall implement the latest revision of the Revegetation Management Plan required by condition 8-2 which the CEO has confirmed by notice in writing meets the requirements of condition 8-3.

8-11 The proponent shall continue to implement the latest revision of the Revegetation Management Plan, until the CEO has confirmed by notice in writing that the proponent has demonstrated that the completion criteria in the Revegetation Management Plan have been met.

9 Terrestrial Fauna – Construction Impacts

9-1 Prior to ground-disturbing activities associated with the proposal, the proponent shall undertake the following actions to minimise impacts to terrestrial fauna:

- (1) during Carnaby's cockatoo (*Calyptorhynchus latirostris*) breeding season (1 July to 31 December), appropriately qualified and licensed terrestrial fauna spotter(s) with experience in surveying for black cockatoos shall inspect all **potential nesting trees** with hollows within seven (7) days prior to clearing of **potential nesting trees**, to determine if there are any hollows being used by Carnaby's cockatoos (*Calyptorhynchus latirostris*); and
- (2) if any Carnaby's cockatoos (*Calyptorhynchus latirostris*) are found to be using hollows the proponent shall not clear the nesting tree, or vegetation within a ten (10) metre radius of the nesting tree, until an appropriately qualified and licensed terrestrial fauna spotter has verified that the hollows are no longer being used by the Carnaby's cockatoo(s) (*Calyptorhynchus latirostris*).

9-2 During activities associated with the construction of the proposal, the proponent shall undertake as required the following actions to minimise impacts to terrestrial fauna:

- (1) undertake the trapping and relocation of ground-dwelling **conservation significant vertebrate fauna** no more than seven (7) days prior to clearing activities;
- (2) ensure the use of appropriately qualified and licensed terrestrial fauna spotters during clearing activities;
- (3) ensure that during trenching activities inspection for, and clearing of, fauna from open trenches by appropriately qualified and licensed terrestrial fauna rescue personnel occurs at least twice daily and not more than one hour prior to backfilling of trenches, with the first daily inspection and clearing to be undertaken no later than three (3) hours after sunrise prior to any construction, and the second inspection and clearing to be undertaken daily between the hours of 3:00 pm and 6:00 pm;
- (4) ensure that open trench lengths do not exceed a length capable of being inspected and cleared by appropriately qualified and licensed fauna rescue personnel within the required times set out in condition 9-2(3); and
- (5) provide egress points, ramps and/or fauna refuges that provide suitable shelter from the sun and predators for trapped fauna in open trenches at intervals not exceeding fifty (50) metres.

10 Social surroundings

10-1 The proponent shall implement the proposal to meet the following environmental objective:

- (1) minimise operational noise and vibration impacts on existing **noise sensitive receptors** as far as practicable.

10-2 At least three (3) months prior to the operation of the proposal, in order to meet the requirements of condition 10-1(1), the proponent shall revise the Noise and Vibration Management Plan – Metronet – Yanchep Rail Extension (Reference: 17074053-02; 30 May 2018) to include:

- (1) an update to Section 3.3 Design and Construction of Noise Mitigation Measures, to show the locations and minimum heights of noise walls; and
- (2) demonstration that the design and construction of noise mitigation measures will meet the noise and vibration management targets set out in Section 3.2 Management Actions and Targets.

10-3 The proponent shall implement the revised Noise and Vibration Management Plan – Metronet – Yanchep Rail Extension, or the most recent version, which

the CEO has confirmed by notice in writing satisfies the requirements of condition 10-2.

- 10-4 The proponent shall continue to implement the revised Noise and Vibration Management Plan – Metronet – Yanchep Rail Extension, or any subsequently approved revisions until the CEO has confirmed by notice in writing that the proponent has demonstrated that the objective in condition 10-1(1) is being and will continue to be met.
- 10-5 In the event of failure to implement management actions detailed in the approved Noise and Vibration Management Plan – Metronet – Yanchep Rail Extension, the proponent shall meet the requirements of condition 4-5 (Compliance Reporting) and shall implement the measures outlined in the approved Noise and Vibration Management Plan – Metronet – Yanchep Rail Extension, including, but not limited to, actions and investigations to be undertaken.

11 Offsets

- 11-1 The proponent shall undertake offsets with the objective of counterbalancing the significant residual impact on the environmental values of:
- (1) 0.05 ha Threatened Ecological Community SCP 26a '*Melaleuca huegelii* – *Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)';
 - (2) 8.1 ha of Banksia Woodlands of the Swan Coastal Plain Priority Ecological Community;
 - (3) 56.3 ha of Carnaby's cockatoo (*Calyptorhynchus latirostris*) foraging habitat, inclusive of 2.1 ha of Carnaby's cockatoo (*Calyptorhynchus latirostris*) potential breeding habitat;
 - (4) 45 Carnaby's cockatoo (*Calyptorhynchus latirostris*) potential breeding trees; and
 - (5) 27.7 ha of Bush Forever site 289,

as a result of the implementation of the proposal, as defined in Table 2 of Schedule 1 and delineated by co-ordinates in Schedule 2.

Threatened Ecological Community '*Melaleuca huegelii* – *Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy

- 11-2 Within six (6) months of the publication of this Statement, or as otherwise agreed by the CEO, the proponent shall prepare and submit a Threatened Ecological Community '*Melaleuca huegelii* – *Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy to the

requirements of the CEO with the objective of counterbalancing the significant residual impact to 0.05 ha of Threatened Ecological Community '*Melaleuca huegelii* – *Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)'.

11-3 The Threatened Ecological Community '*Melaleuca huegelii* – *Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a) Land Acquisition Strategy as required by condition 11-2 shall:

- (1) identify an initially unprotected area or areas to be acquired and protected for conservation that contains vegetation commensurate with the values identified in condition 11-1(1);
- (2) demonstrate how the proposed offset counterbalances the significant residual impact as identified in condition 11-1(1) through application of the principles of the WA Environmental Offsets Policy 2011, completion of the WA Offsets Template, as described in the WA Environmental Offsets Guidelines 2014, and the *Environment Protection and Biodiversity Conservation Act 1999* Environmental Offsets Policy Assessment Guide (October 2012), or any approved updates of these documents;
- (3) identify the environmental values of the offset area(s);
- (4) identify and commit to a protection mechanism for any area(s) of land acquisition, being either the area(s) is ceded to the Crown for the purpose of management for conservation, or the area(s) is managed under other suitable mechanism(s) for the purpose of conservation as agreed by the CEO;
- (5) for any land identified in condition 11-3(4), the proponent will identify:
 - (a) the quantum of, and provide funds for, the upfront works associated with establishing the conservation area;
 - (b) the quantum of, and provide a contribution of funds for, the management of this area for seven (7) years; and
 - (c) an appropriate management body for the identified land.
- (6) define the role of the proponent and/or any relevant management authority.

11-4 Within six (6) months of receiving notice in writing from the CEO, on advice of the DBCA, that the Threatened Ecological Community '*Melaleuca huegelii* – *Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy satisfies the requirements of conditions 11-2 and 11-3, the proponent shall substantially commence implementation of the approved Threatened Ecological Community '*Melaleuca huegelii* – *Melaleuca*

systema shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy.

11-5 The proponent:

- (1) may review and revise the Threatened Ecological Community '*Melaleuca huegelii – Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy; or
- (2) shall review and revise the Threatened Ecological Community '*Melaleuca huegelii – Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy as and when directed by the CEO.

11-6 The proponent shall implement the latest version of the Threatened Ecological Community '*Melaleuca huegelii – Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy, which the CEO has confirmed by notice in writing, satisfies the requirements of conditions 11-2 and 11-3.

11-7 The proponent shall continue to implement the approved Threatened Ecological Community '*Melaleuca huegelii – Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy until the CEO has confirmed by notice in writing that the proponent has demonstrated that the objectives and targets in the Threatened Ecological Community '*Melaleuca huegelii – Melaleuca systema* shrublands on limestone ridges (Gibson et al. 1994 type 26a)' Land Acquisition Strategy have been met and therefore the implementation of the actions is no longer required.

Land Acquisition and Rehabilitation Offsets Strategy

11-8 Within twelve (12) months of the publication of this Statement, or as otherwise agreed by the CEO, the proponent shall prepare and submit a Land Acquisition and Rehabilitation Offsets Strategy to the requirements of the CEO, with the environmental objective of counterbalancing the significant residual impact to:

- (1) 8.1 ha of Banksia Woodlands of the Swan Coastal Plain Priority Ecological Community;
- (2) 56.3 ha of Carnaby's cockatoo (*Calyptorhynchus latirostris*) foraging habitat, inclusive of 2.1 ha of Carnaby's cockatoo (*Calyptorhynchus latirostris*) potential breeding habitat;
- (3) 45 Carnaby's cockatoo (*Calyptorhynchus latirostris*) potential breeding trees; and
- (4) 27.7 ha of Bush Forever site 289.

11-9 The Land Acquisition and Rehabilitation Offsets Strategy required by condition 11-8 shall:

- (1) identify an area, or areas to be acquired and protected, managed and/or **rehabilitated** for conservation to counterbalance the significant residual impact to the environmental values identified in conditions 11-8(1) to 11-8(3) which counterbalances the significant residual impacts as required by condition 11-9(3);
- (2) spatially define the area(s) of Bush Forever site 289 outside the development envelope to be **rehabilitated**, improved and managed to counterbalance the significant residual impact to Bush Forever identified in condition 11-8(4) which counterbalances the significant residual impact as required by condition 11-9(3);
- (3) demonstrate how the proposed offsets counterbalances the significant residual impact to the environmental values identified in condition 11-8, through application of the principles of the WA Environmental Offsets Policy 2011, completion of the WA Offsets Template as described in the WA Environmental Offsets Guidelines 2014, and the *Environmental Protection and Biodiversity Conservation Act 1999* Environmental Offsets Policy Assessment Guide (October 2012), or any approved updates of these documents;
- (4) identify the environmental values of the offset area(s) required by conditions 11-9(1) and 11-9(2);
- (5) demonstrate how the proposed offset aligns with the *Carnaby's Cockatoo* (*Calyptorhynchus latirostris*) *Recovery Plan*, or any subsequent revisions of the plan;
- (6) identify and commit to a protection mechanism for any area(s) of land identified in conditions 11-9(1) and 11-9(2), being either the area(s) is ceded to the Crown for the purpose of management for conservation, or the area(s) is managed under other suitable mechanism(s) for the purpose of conservation as agreed by the CEO;
- (7) for any land identified in conditions 11-9(1) and 11-9(2), the proponent will identify:
 - (a) the quantum of, and provide funds for, the upfront works associated with establishing the conservation area;
 - (b) the quantum of, and provide a contribution of funds for, the management of this area for at least seven (7) years; and
 - (c) an appropriate management body for the identified land;

- (8) where rehabilitation and/or other on-ground actions are proposed, state the objectives and targets to be achieved, including completion criteria, which demonstrate:
 - (a) how on-ground management or rehabilitation actions will result in a tangible improvement to the environmental value(s) being offset; and
 - (b) the consistency of the objectives and targets with the objectives of any relevant Recovery Plans or area management plans;
- (9) detail the management and/or rehabilitation actions and a timeframe for the actions to be undertaken;
- (10) detail any funding arrangements and timing of funding for management and/or rehabilitation actions;
- (11) detail the monitoring, reporting and evaluation mechanisms for management and/or rehabilitation actions; and
- (12) define the role of the proponent and/or any relevant management authority.

11-10 Where research project(s) are proposed to offset a portion of the significant residual impacts to foraging habitat for Carnaby's cockatoo (*Calyptorhynchus latirostris*), the proponent shall prepare and submit with the Land Acquisition and Rehabilitation Offsets Strategy required by condition 11-8, a Carnaby's Cockatoo Research Plan to the requirements of the CEO. The Carnaby's Cockatoo Research Plan shall:

- (1) identify how the research will increase the scientific knowledge of Carnaby's cockatoo (*Calyptorhynchus latirostris*) relevant to improving the conservation and management of the species and its habitat in the Perth and Peel regions;
- (2) demonstrate how the research project(s) will provide a positive and long-term conservation outcome for Carnaby's cockatoo (*Calyptorhynchus latirostris*) and address agreed research priorities, considering key knowledge gaps identified in the EPA Technical Report: *Carnaby's cockatoo in environmental impact assessment in the Perth and Peel regions* (2019), the relevant recovery plan and/or other research priorities agreed with the DBCA;
- (3) identify the objectives and intended outcomes, and details of success criteria;

- (4) provide an implementation schedule including an outline of key activities, deliverables, stages of implementation, and milestones towards completion;
- (5) identify the agreed governance arrangements including stakeholder responsibilities for implementing the research, and agreements with any third parties involved and legal obligations;
- (6) identify any potential risks involved and appropriate contingency measures;
- (7) identify monitoring activities to assess progress with research implementation and for compliance purposes;
- (8) provide details on the:
 - (a) financial and financial auditing arrangements including project budget and recipients of funds if project(s) are to be undertaken by any third parties;
 - (b) funding arrangements including the methodology to determine the amount of funding to be spent on research project(s); and
 - (c) timing of funding for the research project(s);
- (9) identify procedures for reporting to the CEO and the DBCA, including the content, format, timing and frequency for reporting and provisions of data and information against the objectives and outcomes identified in condition 11-10(3); and
- (10) identify how the results of the research offset will be communicated and/or published in an open access format for the benefit of future assessments and public understanding of the species.

11-11 Within six (6) months of receiving notice in writing from the CEO, on advice of the DBCA and the WAPC, that the Land Acquisition and Rehabilitation Offsets Strategy satisfies the requirements of conditions 11-8, 11-9 and 11-10, the proponent shall substantially commence implementation of the actions within the approved Land Acquisition and Rehabilitation Offsets Strategy.

11-12 The proponent:

- (1) may review and revise the Land Acquisition and Rehabilitation Offsets Strategy; or
- (2) shall review and revise the Land Acquisition and Rehabilitation Offsets Strategy as and when directed by the CEO.

11-13 The proponent shall implement the latest version of the Land Acquisition and Rehabilitation Offsets Strategy, which the CEO has confirmed by notice in writing, satisfies the requirements of conditions 11-8, 11-9 and 11-10.

11-14 The proponent shall continue to implement the approved Land Acquisition and Rehabilitation Offsets Strategy until the CEO has confirmed by notice in writing that the proponent has demonstrated that the objectives and targets in the Land Acquisition and Rehabilitation Offsets Strategy have been met.

[signed on 14 April 2020]

Hon Stephen Dawson MLC
MINISTER FOR ENVIRONMENT

Schedule 1

Table 1: Summary of the Proposal

Proposal Title	Yanchep Rail Extension Part 2 – Eglinton to Yanchep
Short Description	The proposal is to construct and operate a 7.2 kilometre extension to the Joondalup railway line from the future Eglinton Station to the suburb of Yanchep in the City of Wanneroo. The proposal will also include one new intermodal transit station at Yanchep, Principal Shared Path, bridge infrastructure, and construction and access areas.

Table 2: Location and authorised extent of physical and operational elements

Column 1	Column 2	Column 3
Element	Location	Authorised Extent
Clearing and disturbance for construction of the railway, stations, principal shared path, drainage structures, construction laydown and access, fauna fencing, bridges, noise walls.	Located within the development envelope shown in Figure 1.	<p>Clearing and disturbance of no more than 62.3 ha which includes no more than:</p> <ul style="list-style-type: none"> • 57.7 ha of native vegetation including: <ul style="list-style-type: none"> ○ 0.05 ha of <i>Melaleuca huegelii</i> – <i>Melaleuca systema</i> shrublands on limestone ridges (Gibson et al. 1994 type 26a); ○ 8.8 ha of Banksia dominated woodlands of the Swan Coastal Plain IBRA Region • 28.8 ha of Bush Forever site 289. • 56.3 ha of Carnaby's cockatoo foraging habitat, inclusive of 2.1 ha of Carnaby's cockatoo potential breeding habitat • 45 potential Carnaby's cockatoo potential breeding trees <p>within a 72.9 ha development envelope.</p>

Table 3: Abbreviations and Definitions

Acronym or Abbreviation	Definition or Term
CEO	The Chief Executive Officer of the Department of the Public Service of the State responsible for the administration of section 48 of the <i>Environmental Protection Act 1986</i> , or his delegate.
conservation significant vertebrate fauna	Specially protected (threatened) fauna under the <i>Biodiversity Conservation Act 2016</i> and Department of Biodiversity, Conservation and Attractions listed priority fauna and its habitat.
DBCA	The Department of Biodiversity, Conservation and Attractions, or the state government agency responsible for the administration of the <i>Conservation and Land Management Act 1985</i> .
EP Act	<i>Environmental Protection Act 1986</i>
fauna habitat	The natural environment of an animal or assemblage of animals, including biotic and abiotic elements, that provides a suitable place for them to live (e.g. breed, forage, roost or seek refuge).
green bridges	An engineered vegetated infrastructure overpass that provides an ecological linkage between areas containing environmental values.
ha	Hectare
indirect impacts	Any potential impacts outside the development envelope as a result of the clearing and disturbance authorised in Table 2 of Schedule 1. This includes but is not limited to: hydrological change, weed invasion, altered fire regimes, introduction or spread of disease, changes in erosion/deposition/accretion, noise, feral predation and edge effects.
intact native vegetation	Native vegetation in 'Degraded' or better condition.
pollinator habitat	Habitat made up of flora species that provide pollen and nectar resources suitable for avian and invertebrate pollinator species.
management action	Identified actions undertaken to mitigate the impacts of implementation of a proposal on the environment and achieve the condition environmental objective.
management target	A measurable boundary of acceptable impact with proposal or site-specific parameters, that assesses the efficacy of management actions against the condition environmental objective and beyond which management actions have to be reviewed and revised. Proposal- or site-specific parameters may include location, scale, time period, specific species/population/community and a relative benchmark (e.g. baseline or reference).
noise sensitive receptor	A building, or a part of a building, on the premises that is used for a noise sensitive purpose, in accordance with those premises defined in Schedule 1 Part C of the <i>Environmental Protection (Noise) Regulations 1997</i> .
potential nesting tree	Any existing tree of a species known to support breeding which either has a hollow or has a diameter at breast height of 500 millimetres or greater and therefore may develop a nest hollow.

rehabilitated	The end result of rehabilitation as defined in the WA Environmental Offsets Guidelines as <i>repair of ecosystem processes and management of weeds, disease or feral animals</i> .
spp.	Species (plural)
trenching activities	Trenches used for utilities such as communications. Trenches do not include excavation for the sinking of the railway line.
WAPC	The Western Australian Planning Commission; or statutory authority of the Government of Western Australia with functions and authority to undertake and regulate land use planning and development established under the <i>Planning and Development Act 2005</i> .

Figure (attached)

Figure 1 Yanchep Rail Extension Part 2 – Eglinton to Yanchep development envelope (this figure is a representation of the co-ordinates referred to in Schedule 2).

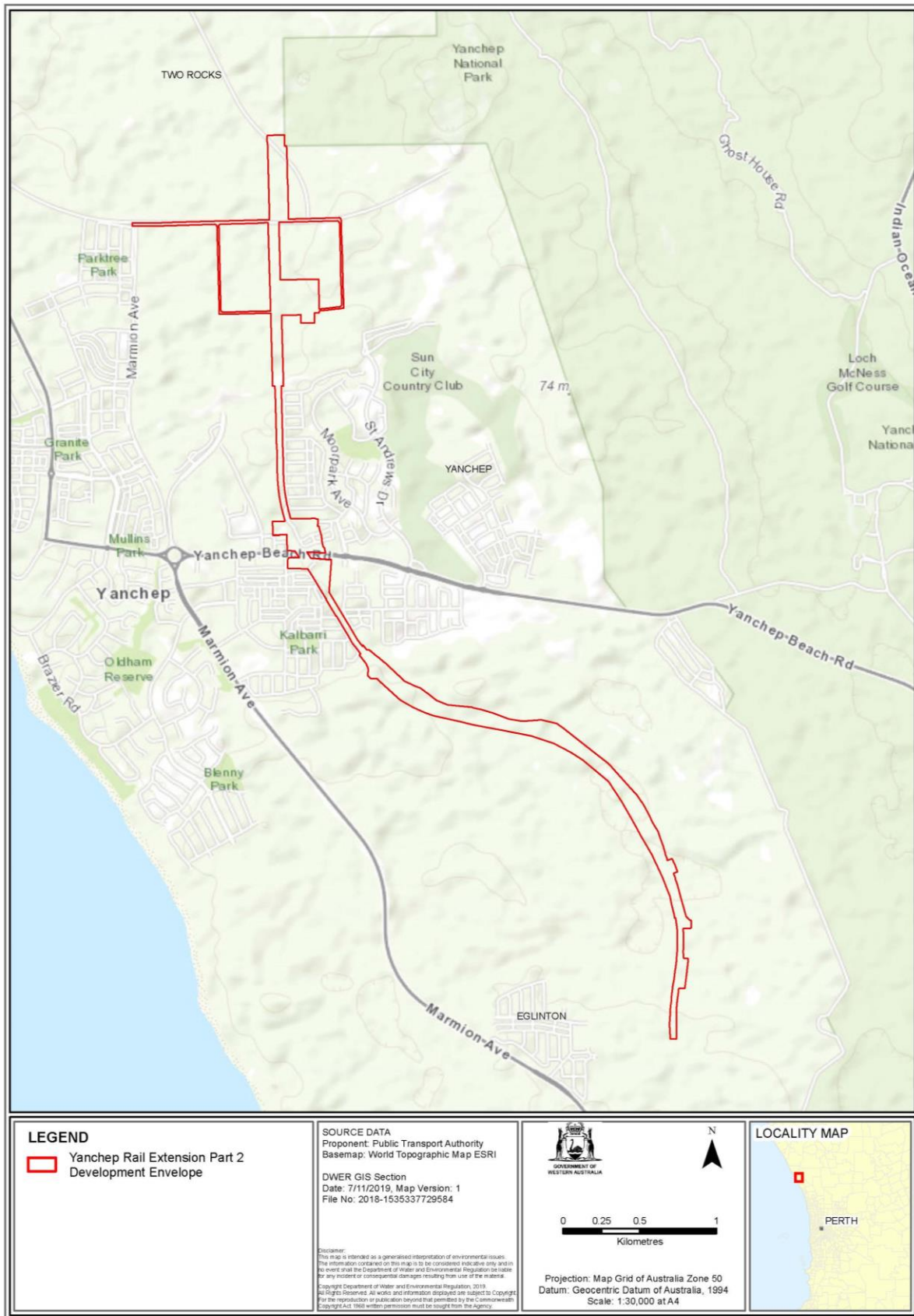


Figure 1 Yanchep Rail Extension Part 2 – Eglinton to Yanchep development envelope

Schedule 2

Co-ordinates defining the Yanchep Rail Extension Part 2 – Eglinton to Yanchep Development Envelope in Figure 1 are held by the Department of Water and Environmental Regulation, Document Reference Number 2018-1535337629742.

Attachment 1 to Ministerial Statement 1129

Change to proposal approved under section 45C of the *Environmental Protection Act 1986*

This Attachment replaces Table 2 and Figure 1 of Schedule 1, and Schedule 2 of Ministerial Statement 1129

Proposal: Yanchep Rail Extension Part 2 – Eglinton to Yanchep

Proponent: Public Transport Authority of Western Australia

Changes:

- Increase in the development envelope of 1.3 ha
- Increase in the extent of clearing of native vegetation of 3.3 ha

Table 2: Location and authorised extent of physical and operational elements

Element	Location	Previously Authorised Extent	Authorised Extent
Clearing and disturbance for construction of the railway, stations, principal shared path, drainage structures, construction laydown and access, fauna fencing, bridges, noise walls.	Located within the development envelope shown in Figure 1.	<p>Clearing and disturbance of no more than 62.3 ha which includes no more than:</p> <ul style="list-style-type: none"> • 57.7 ha of native vegetation including: <ul style="list-style-type: none"> ○ 0.05 ha of <i>Melaleuca huegelii</i> – <i>Melaleuca systema</i> shrublands on limestone ridges (Gibson et al. 1994 type 26a); ○ 8.8 ha of Banksia dominated woodlands of the Swan Coastal Plain IBRA Region ○ 28.8 ha of Bush Forever site 289. ○ 56.3 ha of Carnaby's cockatoo foraging habitat, inclusive of 2.1 ha of Carnaby's cockatoo potential 	<p>Clearing and disturbance of no more than 65.6 ha which includes no more than:</p> <ul style="list-style-type: none"> • 61.0 ha of native vegetation including: <ul style="list-style-type: none"> ○ 0.05 ha of <i>Melaleuca huegelii</i> – <i>Melaleuca systema</i> shrublands on limestone ridges (Gibson et al. 1994 type 26a); ○ 9.7 ha of Banksia dominated woodlands of the Swan Coastal Plain IBRA Region ○ 28.8 ha of Bush Forever site 289. ○ 58.8 ha of Carnaby's cockatoo foraging habitat, inclusive of 2.1 ha of Carnaby's cockatoo potential

Element	Location	Previously Authorised Extent	Authorised Extent
		breeding habitat ○ 45 potential Carnaby's cockatoo potential breeding trees within a 72.9 ha development envelope.	breeding habitat ○ 45 potential Carnaby's cockatoo potential breeding trees within a 74.2 ha development envelope.

Note: Text in **bold** in Table 2 indicates a change to the proposal.

Figure (attached)

Figure 1 Yanchep Rail Extension Part 2 – Eglinton to Yanchep development envelope (this figure is a representation of the co-ordinates referred to in Schedule 2).

[Signed 4 November 2020]

Dr Tom Hatton
 CHAIRMAN
 Environmental Protection Authority
 under delegated authority



Figure 1 Yanchep Rail Extension Part 2 – Eglinton to Yanchep development envelope.

Schedule 2

Co-ordinates defining the Yanchep Rail Extension Part 2 – Eglinton to Yanchep development envelope in Figure 1 are held by the Department of Water and Environmental Regulation, Document Reference Number DWERDT358635.