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Published on: 4 May 2026

Statement No. 1271

**STATEMENT TO AMEND THE IMPLEMENTATION CONDITIONS APPLYING TO
A PROPOSAL****(Section 46 of the *Environmental Protection Act 1986*)**

GNANGARA MOUND GROUNDWATER RESOURCES [INCLUDING
GROUNDWATER RESOURCE ALLOCATION, EAST GNANGARA CITY OF SWAN]

Proposal: The management of groundwater abstraction for public and private water supply from the Gnamangara Mound, with provision for environmental water requirements, as documented in this statement.

Proponent: Department of Water and Environmental Regulation
Australian Business Number 28 420 443 065

Proponent address: 8 Davidson Terrace
Joondalup WA 6027

Assessment number: 2325

Report of the Environmental Protection Authority: 1805

Preceding Reports relating to this Proposal: 295, 817, 904, 1155, 1324

Preceding Statements relating to this Proposal: 21, 438, 496, 687, 819

Introduction: Pursuant to section 45 (8) as applied by section 46 (8) of the *Environmental Protection Act 1986*, an amendment to the implementation conditions has been agreed, and the proposal must now be implemented in accordance with the following implementation conditions and procedures.

The conditions, procedures and proponent commitments of Ministerial Statement 819 for the existing Gnamangara Mound Groundwater Resources [Including Groundwater Resource Allocation, East Gnamangara, City of Swan] are deleted and replaced by the following implementation conditions and procedures:

Conditions and procedures

Part A: Proposal extent

Part B: Environmental outcomes, prescriptions and objectives

Part C: Environmental management plans and monitoring

Part D: Compliance and other conditions

PART A: PROPOSAL EXTENT

A1 Limitations and Extent of Proposal

A1-1 The proponent must ensure that the proposal is implemented within the following extent:

Proposal element	Location	Maximum extent
Physical element		
Proposal area	Figure 1	The Gnangara groundwater allocation plan area in Figure 1.

PART B – ENVIRONMENTAL OUTCOMES, PRESCRIPTIONS AND OBJECTIVES

B1 Inland Waters

B1-1 The proponent must ensure the implementation of the proposal achieves the following environmental outcome:

- (1) maintain the **ecosystem health** of **representative groundwater-dependent ecosystems**.

B1-2 The proponent must ensure implementation of the proposal achieves water levels consistent with the relevant minimum water level threshold:

- (1) described in Table 1 until 30 June 2028; and
- (2) described in Table 2 from 1 July 2028 for the life of the proposal.

Table 1: Minimum water level threshold for the period until 30 June 2028

Bushland sites	End of summer	
	Preferred minimum (mAHD)	Absolute minimum (mAHD)
MM16	-	38.8
MM18	-	38.6
MM53	-	33.3
MM55B	-	29.5
MM59B	-	36.3
MT3	-	43.0
NR6C	-	58.5
PM24	-	40.5
WM1	-	55.7
WM2	-	66.5
WM8	-	64.8
MM12 (G61610989)	-	42
L30C (G61611010)	-	47.2
L110C (G61611011)	-	55.7
L220C (G61611018)	-	52.2

Table 1 (continued): Minimum water level threshold for the period until 30 June 2028

Wetland sites		End of summer (mAHD)		Spring (mAHD)	
		Preferred minimum	Absolute minimum	Preferred Min. peak	Absolute Min. peak
Lake Goollelal	Q6162517	* 26.2	26		
Loch McNess	(Q6162564)		6.95		
Yonderup	(Q6162565)		5.9		
Lake Joondalup	(Q6162572 staff) (G61610661 bore)	* 16.2	15.8		
Mariginiup Lake	(Q6162577 staff) (peak levels recorded) (G61610685 bore)			* 42.1	41.5
Lake Jandabup Artificially maintained	(Q6162578)		44.3	* 44.7	44.2
Nowergup Lake Artificially maintained	(Q6162567)		15.1		
Wilgarup	(Q6162623 staff) (61618500 bore)	4.8	4.5	6.10	5.65
Pipidinny Swamp	(Q6162624)		1.6	2.7	2.4
Lexia 86	(GNM16) G61613215	* 47.3	47		
Lexia 186	(GNM15) G61613214	* 47.5	47.2		
Melaleuca Park (EPP) 173	(GNM14) Q6162628 staff bore G61613213		50.2		
Melaleuca Park (Dampland) 78	(GNM31) G61613231	* 65.4	65.1		
Egerton	61672233 bore		39.8		

*water levels allowed between minimum and absolute minimum at a rate of 2 in 6 years to replicate natural drying cycles.

Table 2: Minimum water level threshold for the period from 1 July 2028

Site name	Site ID SG – surface gauge B – bore	Minimum water level threshold (mAHD)
Wetland sites		
Lake Goollelal	6162517 (SG)	26.4
Loch McNess	6162564 (SG)	6.2
Lake Yonderup	6162565 (SG)	5.7
Lake Joondalup	6162572 (SG) 61610661 (B)	16.2
Lake Mariginiup	6162577 (SG) 61610685 (B)	42.1 (minimum spring peak)
Lake Jandabup	6162578 (SG)	44.3
Lake Nowergup	6162567 (SG) 616145 (SG)	15.1
Lake Wilgarup	61618500 (B)	3.2
Pipidinny Swamp	6162624 (SG) 61611872 (B)	1.1
Lexia 86	61613215 (B)	47
Lexia 186	61613214 (B)	47
Egerton Seepage	61672233 (B)	39.8
Melaleuca Park 173	61613213 (B) 6162628 (SG)	49
Melaleuca Park 78	61613231 (B)	65.5 (minimum spring peak)
Bushland sites		
MM16 Whiteman Park West	61610835 (B)	38.8
MM18 Whiteman Park Central	61610918 (B)	38.6
MM53 Whiteman Park Central	61610493 (B)	33.3
MM55B Whiteman Park East	61610559 (B)	29.5
MM59B Whiteman Park East	61611025 (B)	36.2
MT3S East Wanneroo	61610745 (B)	43
NR6C Melaleuca Park	61610982 (B)	58.5
PM24 Lake Pinjar	61610697 (B)	40.5
MM12 Lexia	61610989 (B)	42

Site name	Site ID SG – surface gauge B – bore	Minimum water level threshold (mAHD)
L30C Lexia	61611010 (B)	47.2
L110C Lexia	61611011 (B)	55.7
L220C Melaleuca Park South	61611018 (B)	52.2
WM1 Pinjar	61610833 (B)	53.7
WM2 Melaleuca Park North	61610908 (B)	64.7
WM8 Melaleuca Park	61610983 (B)	63.7

Gnangara groundwater monitoring and management plan (Environmental Management Plan)

B1-3 The proponent must:

- (1) review, update and submit to the **CEO** the *Gnangara groundwater monitoring and management plan* (Revision 0, November 2022) (Environmental Management Plan) to satisfy the requirements of condition C2 and demonstrate how achievement of the inland waters environmental outcome in condition B1-1 will be monitored and substantiated;
- (2) submit the environmental management plan required by condition B1-3(1) by 1 July 2027; and
- (3) receive confirmation in writing from the **CEO** that the *Gnangara groundwater monitoring and management plan* (Environmental Management Plan) required by condition B1-3(1) satisfies the relevant requirements of conditions B1-3(1), B1-6 and C2.

Research and investigations

B1-4 The proponent shall undertake and participate in research that will contribute to the scientific knowledge and understanding of the relationship between the groundwater levels of the **Gnangara groundwater system** and:

- (1) rainfall;
- (2) vegetation, including plantations; and
- (3) abstraction from the confined and unconfined aquifers.

B1-5 The proponent shall investigate whether other technologies, including but not limited to, remote sensing and eDNA, could be used to inform the:

- (1) **holistic impact assessment** required by condition D3-3(2); and
- (2) the development of an early warning system to support adaptive sustainable water resource management.

B1-6 The proponent shall incorporate the findings and learnings from the research and investigations required by conditions B1-4 and B1-5 into the *Gnangara groundwater monitoring and management plan* (Environmental Management Plan) required by condition B1-3(1), or its future revisions.

B1-7 The findings and learnings from the research and investigations required by conditions B1-4 and B1-5 are to be made publicly available in accordance with condition D5-1.

PART C – ENVIRONMENTAL MANAGEMENT PLANS AND MONITORING

C1 Environmental Management Plans: Conditions Relating to Approval, Implementation, Review and Publication

C1-1 Upon being required to submit an environmental management plan under Part B, and after receiving notice in writing from the **CEO** under condition B1-3(3), the proponent must:

- (1) implement the most recent version of the **confirmed** environmental management plan; and
- (2) continue to implement the **confirmed** environmental management plan referred to in condition C1-1(1), other than for any period which the **CEO** confirms by notice in writing that it has been demonstrated that the relevant requirements for the environmental management plan have been met, or are able to be met under another statutory decision-making process, in which case the implementation of the environmental management plan is no longer required for that period.

C1-2 The proponent:

- (1) may review and revise a **confirmed** environmental management plan provided it meets the relevant requirements of that environmental management plan, including any consultation that may be required when preparing the environmental management plan;
- (2) must review and revise a **confirmed** environmental management plan and ensure it meets the relevant requirements of that environmental management plan, including any consultation that may be required when preparing the environmental management plan, as and when directed by the **CEO**; and
- (3) must revise and submit to the **CEO** the **confirmed** environmental management plan if there is a material risk that the outcomes or objectives it is required to achieve will not be complied with, including but not limited to as a result of a change to the proposal.

C1-3 Despite condition C1-1, but subject to conditions C1-4 and C1-5, the proponent may implement minor revisions to an environmental management plan if the revisions will not result in new or increased **adverse impacts** to the environment or result in a risk to the achievement of the limits, outcomes or objectives which the environmental management plan is required to achieve.

C1-4 If the proponent is to implement minor revisions to an environmental management plan under condition C1-3, the proponent must provide the **CEO**

with the following at least twenty (20) business days before it implements the revisions:

- (1) the revised environmental management plan clearly showing the minor revisions;
- (2) an explanation of and justification for the minor revisions; and
- (3) an explanation of why the minor revisions will not result in new or increased **adverse impacts** to the environment or result in a risk to the achievement of the limits, outcomes or objectives which the environmental management plan is required to achieve.

C1-5 The proponent must cease to implement any revisions which the **CEO** notifies the proponent (at any time) in writing may not be implemented.

C1-6 **Confirmed** environmental management plans, and any revised environmental management plans under condition C1-4(1), must be published on the proponent's website and provided to the **CEO** in electronic form within twenty (20) business days of being implemented, or being required to be implemented (whichever is earlier).

C2 Environmental Management Plans: Conditions Relating to Monitoring and Adaptive Management for Outcomes Based Conditions

C2-1 The environmental management plan required under condition B1-3(1) must contain provisions which enable the substantiation of whether the relevant outcomes of those conditions are met, and must include:

- (1) **threshold criteria** that provide a limit beyond which the environmental outcomes are not achieved;
- (2) details on how recorded data will be used to provide an early warning that **threshold criteria** are not likely to be met;
- (3) monitoring parameters, sites, control/reference sites, methodology, timing and frequencies which will be used to measure **threshold criteria**;
- (4) methodology for determining alternate monitoring sites as a contingency if proposed sites are not suitable in the future;
- (5) baseline data;
- (6) data collection and analysis methodologies;
- (7) adaptive management methodology;
- (8) **contingency measures** which will be implemented if **threshold criteria** are not met; and

(9) reporting requirements.

C2-2 The environmental management plan required under condition B1-3(1) is also required to include:

- (1) details of the artificial maintenance scheme at Lake Nowergup and Lake Jandabup; and
- (2) details of monitoring and management to ensure groundwater dependent ecological values of Yanchep National Park, including water levels at the Yanchep caves, are improved.

C2-3 Failure to achieve an environmental outcome, or the exceedance of a **threshold criteria**, regardless of whether threshold **contingency measures** have been or are being implemented, represents a non-compliance with these conditions.

PART D – COMPLIANCE, TIME LIMITS, AUDITS AND OTHER CONDITIONS

D1 Non-compliance Reporting

D1-1 If the proponent becomes aware of a potential non-compliance, the proponent must:

- (1) report this to the **CEO** within seven (7) days;
- (2) investigate the cause;
- (3) investigate environmental impacts;
- (4) investigate **contingency measures** for implementation;
- (5) provide a report to the **CEO** within twenty-one (21) days of being aware of the potential non-compliance, detailing the measures required in conditions D1-1(1) to D1-1(4) above.

D1-2 Failure to comply with the requirements of a condition, or with the content of an environmental management plan required under a condition, constitutes a non-compliance with these conditions, regardless of whether the **contingency measures**, rectification or other measures in condition D1-1 above have been or are being implemented.

D2 Compliance Reporting

D2-1 The proponent must provide an annual Compliance Assessment Report to the **CEO** by 1 December each year, for the period between 1 July to 30 June commencing in the preceding year for the purpose of determining whether the implementation conditions are being complied with.

D2-2 Each annual Compliance Assessment Report must be endorsed by the proponent's Chief Executive Officer, or a person approved by proponent's Chief Executive Officer to be delegated to sign on the Chief Executive Officer's behalf.

D2-3 Each annual Compliance Assessment Report must:

- (1) state whether each condition of this Statement has been complied with, including:
 - (a) exceedance of any proposal limits and extents;
 - (b) achievement of environmental outcomes;
 - (c) requirements to implement the content of environmental management plans;
 - (d) monitoring requirements;

- (e) requirements to implement adaptive management;
 - (f) a description of the investigations and research undertaken in accordance with conditions B1-4 and B1-5;
 - (g) how the investigations and research undertaken in accordance with conditions B1-4 and B1-5 will contribute to the scientific knowledge and understanding of the groundwater levels of the **Gnangara groundwater system**;
 - (h) whether and how the findings and learnings from the research and investigations required by conditions B1-4 and B1-5 have been incorporated into the *Gnangara groundwater monitoring and management plan* (Environmental Management Plan) required by condition B1-3(1); and
 - (i) reporting requirements;
- (2) include the results of any monitoring (inclusive of any raw data) that has been required under Part C in order to demonstrate that any outcomes or any objectives are being met;
 - (3) provide evidence to substantiate statements of compliance, or details of where there has been a non-compliance;
 - (4) include the corrective, remedial and preventative actions taken in response to any potential non-compliance, including whether likely **contingency measures** identified in D1-1(4) were implemented;
 - (5) be provided in a form suitable for publication on the proponent's website; and
 - (6) be prepared and published consistent with the latest version of the Compliance Assessment Plan required by condition D2-5 which the **CEO** has **confirmed** by notice in writing satisfies the relevant requirements of Part C and Part D.

D2-4 The proponent must prepare 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 D2-1.

D2-5 The Compliance Assessment Plan must include:

- (1) what, when and how information will be collected and recorded to assess compliance;
- (2) the methods which will be used to assess compliance;

- (3) the methods which will be used to validate the adequacy of the compliance assessment to determine whether the implementation conditions are being complied with;
- (4) the retention of compliance assessments;
- (5) the table of contents of Compliance Assessment Reports, including audit tables; and
- (6) how and when Compliance Assessment Reports will be made publicly available, including usually being published on the proponent's website within sixty (60) days of being provided to the **CEO**.

D3 Environmental Performance Reporting

D3-1 The proponent shall submit an Environmental Performance Report to the Environmental Protection Authority every five (5) years in electronic form suitable for on-line publication.

D3-2 The first Environmental Performance Report shall be submitted by 1 February following the expiry of the five-year period commencing from the date of this Statement being issued.

D3-3 Each Environmental Performance Report shall:

- (1) report on the state of **representative groundwater-dependent ecosystems**; and
- (2) include a **holistic impact assessment** of the state of groundwater dependent environmental values across the proposal area.

D3-4 The Environmental Performance Report must include:

- (1) a comparison of the environmental value identified in condition D3-3(1) at the end of the 5-year period; against the state of the environmental value at the beginning of the 5-year period;
- (2) a comparison of the environmental value identified in condition D3-3(1) at the end of the 5-year period; against the state of the environmental value identified in the first Environmental Performance Report submitted in accordance with condition D3-2;
- (3) the stakeholder and community consultation undertaken during the 5-year period about environmental performance, including the outcomes of that consultation, and any ongoing concerns being expressed;
- (4) the details of adaptive management strategies incorporated into the **confirmed** environmental management plan, based on the findings and

learnings of research undertaken as required by condition B1-4, condition B1-5 and condition B1-6; and

- (5) the Environmental Performance Report may be in whole or part prepared in conjunction with other proponents where there are cumulative impacts from their proposals.

D3-5 Each Environmental Performance Report must be published on the proponent's website within twenty (20) business days of being provided to the Environmental Protection Authority.

D4 Contact Details

D4-1 The proponent must 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.

D5 Public Availability of Data

D5-1 Subject to condition D5-2, within a reasonable time period approved by the **CEO** upon the issue of this Statement and for the remainder of the life of the proposal, the proponent must make publicly available, in a manner approved by the **CEO**, all validated environmental data collected before and after the date of this Statement relevant to the proposal (including sampling design, sampling methodologies, monitoring and other empirical data and derived information products (e.g. maps)), environmental management plans and reports relevant to the assessment of this proposal and implementation of this Statement.

D5-2 If:

- (1) any data referred to in condition D5-1 contains trade secrets; or
- (2) any data referred to in condition D5-1 contains particulars of confidential information (other than trade secrets) that has commercial value to a person that would be, or could reasonably be expected to be, destroyed or diminished if the confidential information were published,

the proponent may submit a request for approval from the **CEO** to not make this data publicly available and the **CEO** may agree to such a request if the **CEO** is satisfied that the data meets the above criteria.

D5-3 In making such a request the proponent must provide the **CEO** with an explanation and reasons why the data should not be made publicly available.

D6 Independent Audit

- D6-1 The proponent must arrange for an independent audit of compliance with the conditions of this statement, including achievement of the environmental outcomes and/or the environmental objectives and/or environmental performance with the conditions of this statement, as and when directed by the **CEO**.
- D6-2 The independent audit must be carried out by a person with appropriate qualifications who is nominated or approved by the **CEO** to undertake the audit under condition D6-1.
- D6-3 The proponent must submit the independent audit report with the Compliance Assessment Report required by condition D2, or at any time as and when directed in writing by the **CEO**. The audit report is to be supported by credible evidence to substantiate its findings.
- D6-4 The independent audit report required by condition D6-1 is to be made publicly available in the same timeframe, manner and form as a Compliance Assessment Report, or as otherwise directed by the **CEO**.

[signed on 30 April 2026]

Hon. Matthew Swinbourn BA LLB MLC
MINISTER FOR THE ENVIRONMENT; COMMUNITY SERVICES; HOMELESSNESS

Affected decision-making authorities consulted under section 46(8A):

Minister for Water

Table 3: Abbreviations and definitions

Acronym or abbreviation	Definition or term
Adverse impact/ adversely impacted	Negative change that is neither trivial nor negligible that could result in a reduction in health, diversity or abundance of the receptor/s being impacted, or a reduction in environmental value. Adverse impacts can arise from direct or indirect impacts, or other impacts from the proposal.
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 the CEO's delegate.
Confirmed	<p>In relation to a plan required to be made and submitted to the CEO, means, at the relevant time, the plan that the CEO confirmed, by notice in writing, meets the requirements of the relevant condition.</p> <p>In relation to a plan required to be implemented without the need to be first submitted to the CEO, means that plan until it is revised, and then means, at the relevant time, the plan that the CEO confirmed, by notice in writing, meets the requirements of the relevant condition.</p>
Contingency measures	Planned actions for implementation if it is identified that an environmental outcome, threshold criteria , or management target are likely to be, or are being, exceeded. Contingency measures include changes to operations or reductions in disturbance or adverse impacts to reduce impacts and must be decisive actions that will bring the impact to below any relevant threshold, management target and to ensure that the environmental outcome and/or objective can be met.
Ecosystem health	The ecosystem's ability to sustain vegetation, aquatic fauna and birdlife and the ecological processes that support them.
Gnangara groundwater system	The area of groundwater resource subject to the <i>Gnangara groundwater allocation plan</i> (Department of Water and Environmental Regulation, Water resource allocation and planning report, Report no. 76, June 2022), as spatially defined in Figure 1.
Holistic impact assessment	An assessment of the environmental effect of the proposal on the environment as a whole (as distinct from an assessment of the effect for each environmental value).
Representative groundwater-dependent ecosystems	Representative wetland or bushland sites on the Gnangara groundwater system that are at least partially dependent on groundwater for their existence and health, as depicted in Figure 12 of the <i>Gnangara groundwater allocation plan</i> (Department of Water and Environmental Regulation, Water resource allocation and planning report, Report no. 76, June 2022), excluding bushland site Pinjar North (PM9)
mAHD	Elevation in metres relative to the Australian Height Datum.

Acronym or abbreviation	Definition or term
Threshold criteria	The indicators that have been selected to represent limits of impact beyond which the environmental outcome is not being met.

Figures (attached)

Figure 1 Gngangara Mound Groundwater Resources [Including Groundwater Resource Allocation, East Gngangara City of Swan] proposal area.

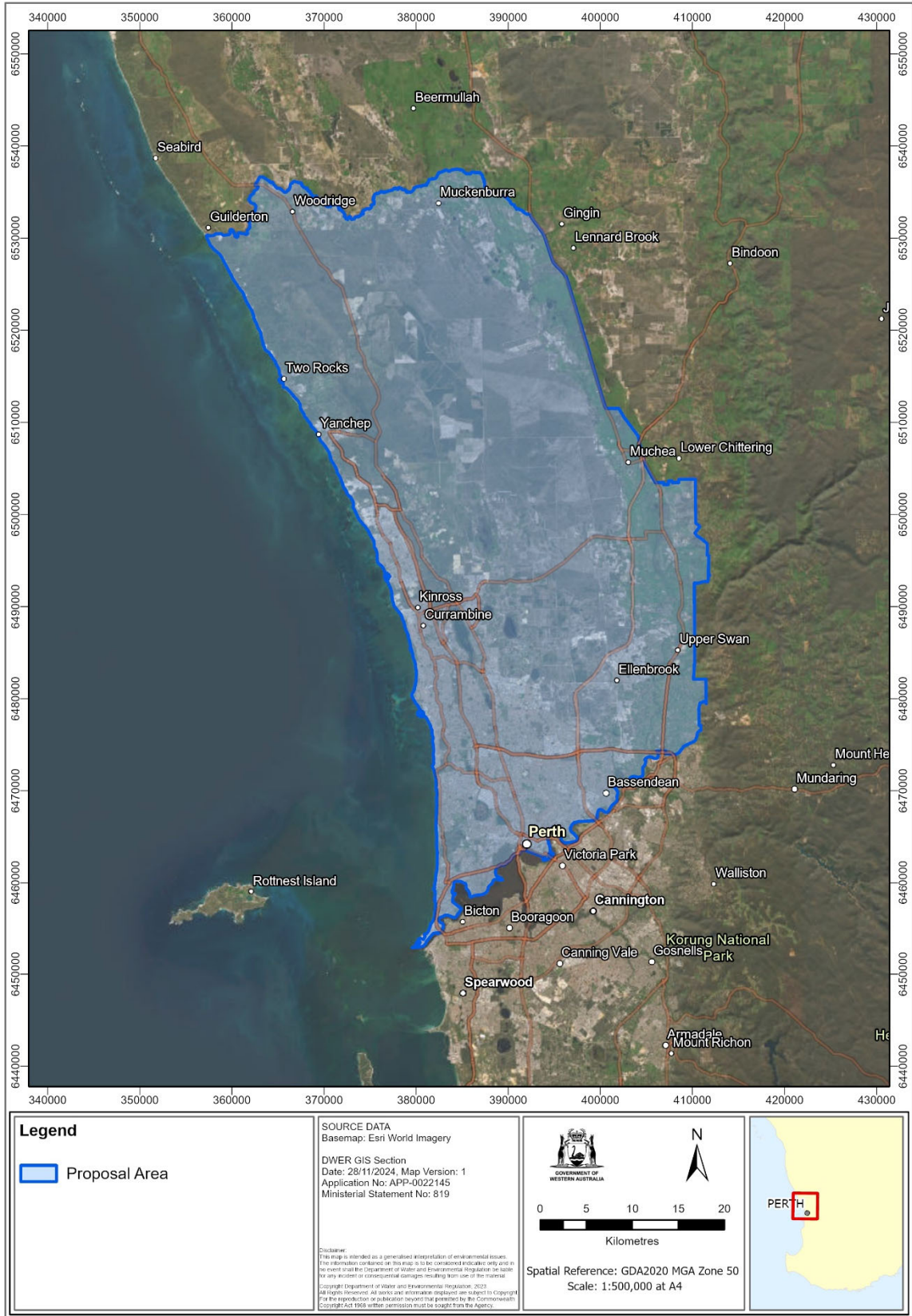


Figure 1: Proposal area

Schedule 1

All co-ordinates are in metres, listed in Map Grid of Australia Zone 50 (MGA Zone 50), datum of Geocentric Datum of Australia 2020 (GDA2020).

Spatial data depicting the figures are held by the Department of Water and Environmental Regulation in dataset titled Water Allocation Plans and Statements (DWER-086).