



<b>Works approval number</b>	W5911/2015/1	
<b>Works approval holder</b>	Kwinana WTE Project Co Pty Ltd	
<b>ACN</b>	165 661 263	
<b>Registered business address</b>	KPMG level 38, Tower 3 International Towers 300 Barangaroo Avaneue SYDNEY NSW 2000	
<b>DWER file number</b>	DER2015/002147	
<b>Duration</b>	04/04/2016 to	30/06/2025
<b>Date of issue</b>	31/3/2016	
<b>Date of amendment</b>	10/01/2023	
<b>Premises details</b>	Kwinana WTE Project Legal description - Part of Lot 2 on Plan 41934 As defined by the coordinates in Schedule 2	

<b>Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)</b>	<b>Assessed production / design capacity</b>
Category 52: Electric power generation	36 MW
Category 60: Incineration	57.7 tph
Category 61(A): Solid Waste Facility	460,000 tpa
Category 67: Fuel Burning	57.7 tph

This amended works approval is granted to the works approval holder, subject to the attached conditions, on 10 January 2023 by:

**Manager, Process Industries  
Regulatory Services**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

## Works approval history

Date	Reference number	Summary of changes
31/3/2016	W5911/2015/1	Works approval granted
20/1/2017	W5911/2015/1	Amendment Notice 1 Amend to correct administrative error, clarify the applicable exclusions to the CO limits during start up and shut down and clarify the link between the CEMS, the Air Pollution Control System and the Automated Combustion Control System
12/6/2017	W5911/2015/1	Amendment Notice 2 Amendment to change incineration technology, extend expiry date of works approval until 3 April 2022 and amend lot description
12/7/2018	W5911/2015/1	Amend to extend expiry date by 12 months
14/11/2019	W5911/2015/1	Change the wording of the infrastructure to match the terms and technology used by the new technology provider. Combine the original Works Approval with all amendments to make an amended set of conditions that replaces all previous conditions
10/01/2023	W5911/2015/1	Increase in category 61(A) assessed production capacity to 460,000 tpa, expiry extension and inclusion of time limited operations conditions.

## Interpretation

In this works approval:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this works approval:
  - (i) if dated, refers to that particular version; and
  - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

**NOTE:** This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

## Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

### General Conditions

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1. The Works Approval Holder must comply with the EP Act and all regulations prescribed under the EP Act applicable to the Premises including:
  - (a) the duties of an occupier under s 61;
  - (b) the duty to notify the CEO of discharges of waste under s 72; and
  - (c) not causing, or doing anything that is likely to cause, an offence under the EP Act, except where the Works Approval Holder does something in accordance with a Condition which expressly states that a defence under s 74A of the EP Act may be available.
2. The Works Approval Holder must carry out the Works within the Premises in accordance with the requirements set out in *the Infrastructure Requirements Table*.
3. This Works Approval applies to the Premises defined in the *Premises Description Table*, and as depicted in the Premises Map in Schedule 1.

**Table 1: Premises Description**

Premises Description	
General Location	Legal land description, reserve or tenement (all or part)
Leath Road, Kwinana Beach WA	Part of Lot 2 on Plan 41934 within the coordinates 1:E384720.47, N6435668.39; 2:E384980.06, N6435668.44; 3:E384979.59, N6435538.32 and 4:E384704.40, N6435538.35 as outlined in Schedule 1.

## Construction phase

### Infrastructure Conditions

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4. The Works Approval Holder must locate the Works generally in accordance with the Proposed Layout in Schedule 1.
5. Key items of infrastructure which are required to be built are listed in the *Infrastructure Requirements Table*. The Works Approval Holder must not depart from the requirements specified in column 2 of *the Infrastructure Requirements Table* except:
  - (a) where such departure does is minor in nature and does not materially change or affect the infrastructure; or
  - (b) where such departure improves the functionality of the infrastructure and does not increase risks to public health, public amenity or the environment; and
  - (c) all other Conditions in this Works Approval are still satisfied.

**Table 2: Infrastructure Requirements**

Infrastructure Requirements Table	
Infrastructure	Requirements (Design and Construction)
Waste Acceptance Area: Weighbridge	<ul style="list-style-type: none"> <li>- Weighbridge capable of measuring the weight of all incoming trucks to determine the amount of waste being processed by the plant;</li> <li>- Radiation detection equipment to determine the presence of radioactive material.</li> </ul>
Waste Receiving Area: Tipping Hall	<ul style="list-style-type: none"> <li>- Rapid opening and closing roller doors and louvres;</li> <li>- Air-curtain above roller entry and exit doors that prevent the exit of air from the Tipping Hall whenever doors are open;</li> <li>- Concrete flooring within the Tipping Hall to ensure that no waste or wastewater will be discharged to the environment from these areas; and</li> <li>- CCTV monitoring to identify and facilitate removal of large objects which are unsuitable for incineration.</li> </ul>
Waste Receiving Area: Waste Bunker	<ul style="list-style-type: none"> <li>- The waste bunker to be equipped with automatic doors, designed to ensure the bunker remains sealed while no waste is being deposited;</li> <li>- Mixing cranes to mix the waste to ensure a suitably homogenous feedstock for incineration to meet all emission limits;</li> <li>- Air extraction system from the secondary air fan to each incinerator, located above the waste bunker to ensure negative pressure within the waste bunker; and</li> <li>- Concrete flooring within the Waste Bunker to ensure that no waste or wastewater will be discharged to the environment from these areas.</li> </ul>
Waste incineration	<ul style="list-style-type: none"> <li>- Two combustion lines, each containing a furnace using Keppel Seghers moving grate combustion technology, designed to move the incoming waste forward, while sequentially mixing and aerating the waste on the grate;</li> <li>- Startup burners, capable of firing as auxiliary burners to maintain incineration temperature in the incineration chamber such that minimum burning temperatures (850°C) and residence times (2 seconds) are maintained at all times during operation;</li> <li>- Temperature sensors to be installed which are capable of the representative measurement across the entire incineration chamber and waste gases produced therein;</li> <li>- Oxygen sensors to be installed which facilitate the measurement of combustion efficiency; and</li> <li>- Urea injection system capable of minimizing NOx emissions to below 400mg/m<sup>3</sup>.-</li> </ul>
Automated Combustion Control System (ACCS)	<ul style="list-style-type: none"> <li>- Automated monitoring and control system capable of controlling the feed to the grate, combustion air flows and other ACCS parameters in order to control the grate-boiler combustion, minimise excess combustion air and minimise NOx formation.</li> </ul>
Boiler Economiser	<ul style="list-style-type: none"> <li>- Boiler Economiser capable of reducing flue gas temperature to below 200°C.</li> </ul>

Infrastructure Requirements Table	
Infrastructure	Requirements (Design and Construction)
Air Pollution Control System	<ul style="list-style-type: none"> <li>- Capable of cooling flue gas rapidly to between 135 and 160°C;</li> <li>- Lime Injection System capable of injecting lime or sodium bicarbonate into the flue gas stream and reducing: <ul style="list-style-type: none"> <li>• SO<sub>2</sub> emissions to below 200 mg/m<sup>3</sup>;</li> <li>• HF emissions to below 4 mg/m<sup>3</sup>; and</li> <li>• HCl emissions to below 60 mg/m<sup>3</sup>.</li> </ul> </li> <li>- Activated Carbon Injection System capable of injecting activated carbon into the flue gas and reducing: <ul style="list-style-type: none"> <li>• VOC emissions to below 20 mg/m<sup>3</sup>,</li> <li>• Dioxin and furan emissions to below 0.1 ng/m<sup>3</sup> as I-TEQ;</li> <li>• Mercury emissions to be below 0.05 mg/m<sup>3</sup>.</li> </ul> </li> <li>- Bag filter capable of: <ul style="list-style-type: none"> <li>• minimising particulate matter emissions to be below 30mg/m<sup>3</sup>;</li> <li>• capturing activated carbon, sodium bicarbonate and/or lime for the purposes of treating flue gas emissions; and</li> <li>• Quick detection and isolation of broken bags, without requiring a baghouse bypass situation to exchange or replace the broken bag.</li> </ul> </li> </ul>
CEMS	<ul style="list-style-type: none"> <li>- CEMS capable of accurately measuring the following pollutants from the waste gas emissions: <ul style="list-style-type: none"> <li>• Particulate matter;</li> <li>• NO<sub>x</sub>;</li> <li>• SO<sub>2</sub>;</li> <li>• HCl;</li> <li>• CO; and</li> <li>• VOCs.</li> </ul> </li> </ul>
Stack and associated ducting	<ul style="list-style-type: none"> <li>- Multi-Flue stack of minimum stack height of 87.5m above ground level; and</li> <li>- Sampling ports for emissions monitoring that are compliant with AS4323.1</li> </ul>
Solid Residues Storage Area	<ul style="list-style-type: none"> <li>- Concrete flooring within the Bottom Ash Bunker to ensure that no waste or wastewater will be discharged to the environment;</li> <li>- Concrete flooring within the Metal Recovery Area to ensure that no waste or wastewater will be discharged to the environment; and</li> <li>- Enclosed conveyors to transport fly ash, and air pollution control residues.</li> </ul>

6. On completion of the Works, the Works Approval Holder must provide to the CEO an engineering certification from a qualified engineer confirming each item of infrastructure or component of infrastructure specified in column 1 of the *Infrastructure Requirements Table* has been constructed in accordance with the requirements specified in column 2, with no material defects.
7. If any departures to the specified Works have occurred, the Works Approval Holder must provide the CEO with a list of departures which are certified as complying with Condition 5 at the same time, and from the same engineer, as the certification under Condition 6.

## Environmental commissioning phase

### Commissioning Conditions

8. During the Commissioning Period, the Works Approval Holder must monitor the emissions specified in the *Emissions Monitoring Table* from the locations specified

therein. Emissions must be calculated as an average over the period specified, in accordance with the frequency and method specified in the *Emissions Monitoring Table*.

**Table 3: Emissions Monitoring**

Emissions Monitoring Table				
Location	Emission	Averaging period	Frequency	Method
Stack 1 and Stack 2	Particulates	30 minutes 24 hours	Continuous monitoring,	EN 14181:2014
	VOCs as Total Organic Carbon	30 minutes 24 hours		
	HCl	30 minutes 24 hours		
	SO <sub>2</sub>	30 minutes 24 hours		
	NO <sub>x</sub>	30 minutes 24 hours		
	CO	30 minutes 24 hours		
	HF	60 minutes per test	Three sampling events, conducted to represent stable operation conditions under full or near-full load.  Each sampling event to be conducted in duplicate (non-concurrent).	USEPA Method 26A
	NH <sub>3</sub>	60 minutes per test		USEPA Conditional Test Method 027
	Group I Metals - Cd and Tl	120 minutes per test		USEPA Method 29 or 30B
	Group II Metals - Hg	30 minutes per M30B test		USEPA Method 29
	Speciated (Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V) and total metals	120 minutes per test		USEPA Method 29
	Dioxins and Furans	360 minutes per test		USEPA Method 23

Note: Concentration results to be provided on a dry basis, corrected to standard temperature (273.15oK) and pressure (101.3 kPa) at 11% oxygen.

- The Works Approval Holder must ensure that the CEMS, as required in condition 8, produces accurate data for more than 90% of the operating time per calendar month.

10. The Works Approval Holder must not cause any emissions from the Premises during the Commissioning Period except for specified emissions which are of the types, and within the limits, specified in the *Specified Emission Limits Table*.

**Table 4: Specified Emission Limits**

Emission type	Units	Periodic Test	Emission Limit – 30 minute averages at 100% compliance (figure in brackets is 30 minute average at 97% compliance over a year, unless otherwise specified)	Emission limits – Average of 30 minute averages over a 24 hour day (100% compliance unless otherwise specified)	Source (location and description)
CO	mg/m <sup>3</sup>	-	100 (150 for 95% of all 10 minute average measurements)	50 (97% over a year)	Stack 1 and 2
Particulates	mg/m <sup>3</sup>	-	30 (10)	10	Stack 1 and 2
VOCs as Total Organic Carbon	mg/m <sup>3</sup>	-	20 (10)	10	Stack 1 and 2
HCl	mg/m <sup>3</sup>	-	60 (10)	10	Stack 1 and 2
HF	mg/m <sup>3</sup>	4	-	-	Stack 1 and 2
SO <sub>2</sub>	mg/m <sup>3</sup>	-	200 (50)	50	Stack 1 and 2
NO <sub>x</sub>	mg/m <sup>3</sup>	-	400 (200)	200	Stack 1 and 2
Cd and Tl	mg/m <sup>3</sup>	Total 0.05	-	-	Stack 1 and 2
Hg	mg/m <sup>3</sup>	0.05	-	-	Stack 1 and 2
Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V	mg/m <sup>3</sup>	Total 0.5	-	-	Stack 1 and 2
Dioxins and Furans as I-TEQ	ng/m <sup>3</sup>	0.1	-	-	Stack 1 and 2

Note 1: Concentration results to be provided on a dry basis, corrected to standard temperature (273.15oK) and pressure (101.3 kPa) at 11% oxygen.

Note 2: At the daily emission limit value level, the values of the 95 % confidence intervals of a single measured result shall not exceed the following percentages of the emission limit values:

Emission	Units
CO	10 %
SO <sub>2</sub> / NO <sub>x</sub>	20 %
Particulate / Total organic carbon	30 %
HCl/HF	40 %

Note 3: The half-hourly average values and the 10-minute averages shall be determined within the effective operating time (excluding start-up and shut-down periods if no waste is being incinerated) from the measured values after having subtracted the value of the confidence interval specified in Note 2. The daily average values shall be determined from those validated average values.

11. During the Commissioning Period, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 5 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirements set out in Table 5.
12. The works approval holder must monitor process parameters for the incinerator during the Commissioning Period in accordance with Table 8.
13. The Works Approval Holder must submit to the CEO an Environmental Commissioning Report which includes:
  - (a) Evidence of compliance with Qual1 of EN14181:2014;
  - (b) The Qual2 report required by Section 6.8 of EN14181:2014;
  - (c) Confirmation with justification that CEMS can comply with Qual3 of EN14181:2014
  - (d) a summary of the techniques and method used to optimise NOx emissions; and
  - (e) emission monitoring data, in accordance with the *Emissions Monitoring Table*.
14. The Environmental Commissioning Report must also provide details of the following key parameters during each monitoring/sampling event:
  - (a) Waste source at time of incineration;
  - (b) Incinerator waste feed rate (tonnes/hr);
  - (c) Incineration chamber temperature profile (°C, one minute average);
  - (d) Incinerator gas residence time (sec);
  - (e) Urea injection rate and NOx emission concentration (kg/min and mg/m<sup>3</sup>, one minute average, respectively);
  - (f) Boiler economiser flue gas exit temperature (°C, one minute average);
  - (g) Gas Cooling Tower flue gas exit temperature (°C, one minute average);
  - (h) Bag filter inlet flue gas exit temperature (°C, one minute average);
  - (i) Activated carbon injection rate and VOC emission concentration (kg/min and mg/m<sup>3</sup>, 1-minute average respectively); and
  - (j) Hydrated lime or sodium bicarbonate injection rate and acid gas emission concentration (kg/min and mg/m<sup>3</sup>, 1-minute average respectively);
15. The Environmental Commissioning Report is to be received by the CEO within 90 calendar days of the completion of the Commissioning Period and, where applicable, in conjunction with an application for a licence if not already submitted.



## Time limited operations phase

### Time Limited Operation Conditions

#### Commencement and duration

16. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 5 when the Environmental Commissioning Report for that item of infrastructure as required by condition 13 has been submitted by the works approval holder.
17. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 5:
  - (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 13 for that item of infrastructure; or
  - (b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986*, if one is granted before the end of the period specified in condition 17(a).
18. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 5 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 5.

**Table 5: Infrastructure and equipment requirements during commissioning and time limited operations**

Infrastructure	Requirements (Operation)
Waste Acceptance Area: Weighbridge	- Radiation Detection Equipment must be operated to detect the presence of radioactive materials in any incoming waste loads..
Waste Receiving Area: Tipping Hall	- Rapid opening and closing roller doors to be closed except when trucks are passing through; - Air-curtain above roller entry and exit doors must be operating whenever Tipping Hall doors are open; - All waste and wastewater is to be contained within the Tipping Hall. E; and - Closed Circuit Television (CCTV) monitoring must be operated to identify large objects unsuitable for incineration
Waste Receiving Area: Waste Bunker	- The waste bunker doors must be sealed except when waste is being deposited; - Mixing cranes must be used to mix the waste to ensure a suitably homogenous feedstock for incineration; - Negative pressure within the waste bunkers must be maintained; and - Concrete flooring within the Waste Bunker must be maintained ensure that no waste or wastewater will be discharged to the environment from these areas. - In the event that both incinerators are offline for longer than 7 days the waste in the bunkers must be removed off-site within 7 days of the commencement of the off line period.
Waste incineration	- Gas resulting from the incineration of waste is raised after the last injection of combustion air is raised to a minimum temperature of 850°C and residence times of at least 2 seconds; and - Urea injection system must be operated at all times waste is being incinerated.
Automated Combustion Control System (ACCS)	- The automated monitoring and control system must control the feed to the grate, combustion air flows and other ACCS parameters in order to control the grate-boiler combustion, minimise excess combustion air and minimise NOx formation.

Infrastructure	Requirements (Operation)
Boiler Economiser	- Maintain flue gas temperature to below 200°C.
Air Pollution Control System	<ul style="list-style-type: none"> <li>- air pollution control system must be operational and not by-passed while the incineration of waste is taking place</li> <li>- Flue gases must be rapidly cooled to between 135 and 160°C;</li> <li>- A Lime Injection System must inject lime or sodium bicarbonate into the flue gas stream:</li> <li>- An Activated Carbon Injection System must inject activated carbon into the flue gas:</li> <li>- An air pressure differential pressure device on baghouse filters must be operated at all times when flue gases are being treated to detect holes and blockages while flue gases.</li> </ul>
Solid Residues Storage Area	<ul style="list-style-type: none"> <li>- All waste and wastewater must be contained within the Bottom Ash Bunker to prevent discharge to the environment;</li> <li>- All waste and wastewater must be contained within the Metal Recovery Area to prevent discharge to the environment; and</li> <li>- Conveyors to transport fly ash, and air pollution control residues must be enclosed.</li> </ul>

### Time limited operations requirements and emission limits

19. The Works Approval Holder must not cause any emissions from the Premises during the Time Limited Operations Period except for specified emissions which are of the types, and within the limits, specified in Table 4.
20. During time limited operations, the works approval holder must ensure that the emission(s) specified in Table 6, are discharged only from the corresponding discharge point(s) and only at the corresponding discharge point location(s).

**Table 6: Authorised discharge points**

Emission	Discharge point	Discharge point location
Emissions from incineration of waste	Multi flue stack	As shown in Schedule 1 Figure 1

### Monitoring during time limited operations

21. During the Time Limited Operations Period, the Works Approval Holder must monitor the emissions specified in the *Emissions Monitoring Table* from the locations specified therein. Emissions must be calculated as an average over the period specified, in accordance with the frequency and method specified in Table 7.

**Table 7: Emissions Monitoring Table for Time Limited Operations**

Location	Emission	Averaging period	Frequency	Method	
Multi flue stack	Particulates	30 minutes 24 hours	Continuous	EN 14181:2014	
	VOCs as Total Organic Carbon	30 minutes 24 hours			
	HCl	30 minutes 24 hours			
	SO <sub>2</sub>	30 minutes 24 hours			
	NO <sub>x</sub>	30 minutes 24 hours			
	CO	30 minutes 24 hours			
	HF	60 minutes per test	Quarterly	USEPA Method 26A	
	NH <sub>3</sub>	60 minutes per test		USEPA Conditional Test Method 027	
	Group I Metals - Cd and Tl	120 minutes per test		Each sampling event to be conducted in duplicate (non-concurrent).	USEPA Method 29 or 30B
	Group II Metals – Hg	30 minutes per M30B test			USEPA Method 29
	Speciated (Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V) and total metals	120 minutes per test			
	Dioxins and Furans	360 minutes per test			

Note: Concentration results to be provided on a dry basis, corrected to standard temperature (273.15°K) and pressure (101.3 kPa) at 11% oxygen.

23. The Works Approval Holder must ensure that the CEMS, as required in condition 21, produces accurate data for more than 90% of the operating time per calendar month
24. The works approval holder must monitor process parameters for the incinerator during time limited operations in accordance with Table 8.

**Table 8: Process parameter monitoring during environmental commissioning and time limited operations**

Parameter	Frequency	Method	Unit
Temperature of combustion zone after the last injection of air	Continuous	N/A	°C
O <sub>2</sub> sensors for the measurement of combustion efficiency	Continuous	N/A	%

### Compliance reporting

25. The works approval holder must submit to the CEO a report on the time limited operations within 45 calendar days of the completion date of time limited operations or 28 calendar days before the expiration date of the works approval, whichever is the sooner.
26. The works approval holder must ensure the report required by condition 25 includes the following:

- (a) a summary of the time limited operations, including timeframes and amount of waste processed;
- (b) a summary of monitoring results obtained during time limited operations under condition 21;
- (c) a summary of the environmental performance of all infrastructure as constructed or installed;
- (d) a review of performance and compliance against the conditions of the works approval and the Environmental Commissioning Report; and
- (e) where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

## Administrative Conditions

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### Records and reporting (general)

- 27. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
  - (f) the name and contact details of the complainant, (if provided);
  - (g) the time and date of the complaint;
  - (h) the complete details of the complaint and any other concerns or other issues raised; and
  - (i) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
- 28. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
  - (j) the works conducted in accordance with condition 5
  - (k) any maintenance of infrastructure that is performed in the course of complying with condition 5;
  - (l) monitoring programmes undertaken in accordance with conditions 5 and 21; and
  - (m) complaints received under condition 27.
- 29. The books specified under condition 28 must:
  - (n) be legible;
  - (o) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
  - (p) be retained by the works approval holder for the duration of the works approval; and
  - (q) be available to be produced to an inspector or the CEO as required.
- 30. The Works Approval Holder must comply with a CEO Request, within 7 days from the date of the CEO Request or such other period specified in the CEO Request.

## Definitions

In this works approval, the terms in Table 9 have the meanings defined.

**Table 9: Definitions**

Term	Definition
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
CEO Request	means a request made by the CEO to the Works Approval Holder in writing, sent to the Works Approval Holder's address for notifications, as described at the front of this Works Approval, in relation to: (a) information, records or reports in relation to specific matters in connection with this Works Approval including in relation to compliance with any conditions and the calculation of fees (whether or not a breach of condition or the EP Act is suspected); or (b) reporting, records or administrative matters: (i) which apply to all Works Approvals granted under the EP Act; or (ii) which apply to specified categories of Works Approvals within which this Works Approval falls.
Commissioning Period	means the period of operation where the plant is brought online and allows the proponent to operate whilst applying for an ongoing operating licence. The Commissioning period is defined as beginning at the date where the engineering certification is received by the CEO, for a period not totaling more than 12 months and occurring within the valid period of this works approval.
Condition	means a condition to which this Works Approval is subject under s 62 of the EP Act.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
EN14181	means European Standard EN 14181:2014 Stationary source emissions - Quality assurance of automate measuring systems
Environmental Commissioning Report	means a report on any commissioning activities that have taken place and a demonstration that they have concluded, with focus on emissions and discharges, waste containment, and other environmental factors.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and equipment has been constructed or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986 (WA)</i> .
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this works approval.
quarterly	the four inclusive periods from 1 January to 31 March, 1 April to 30 June, 1 July to 30 September and 1 October to 31 December in any year
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

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## END OF CONDITIONS

## Schedule 1: Maps

### Premises map

The boundary of the prescribed premises is shown in pink in the map below (Figure 1).

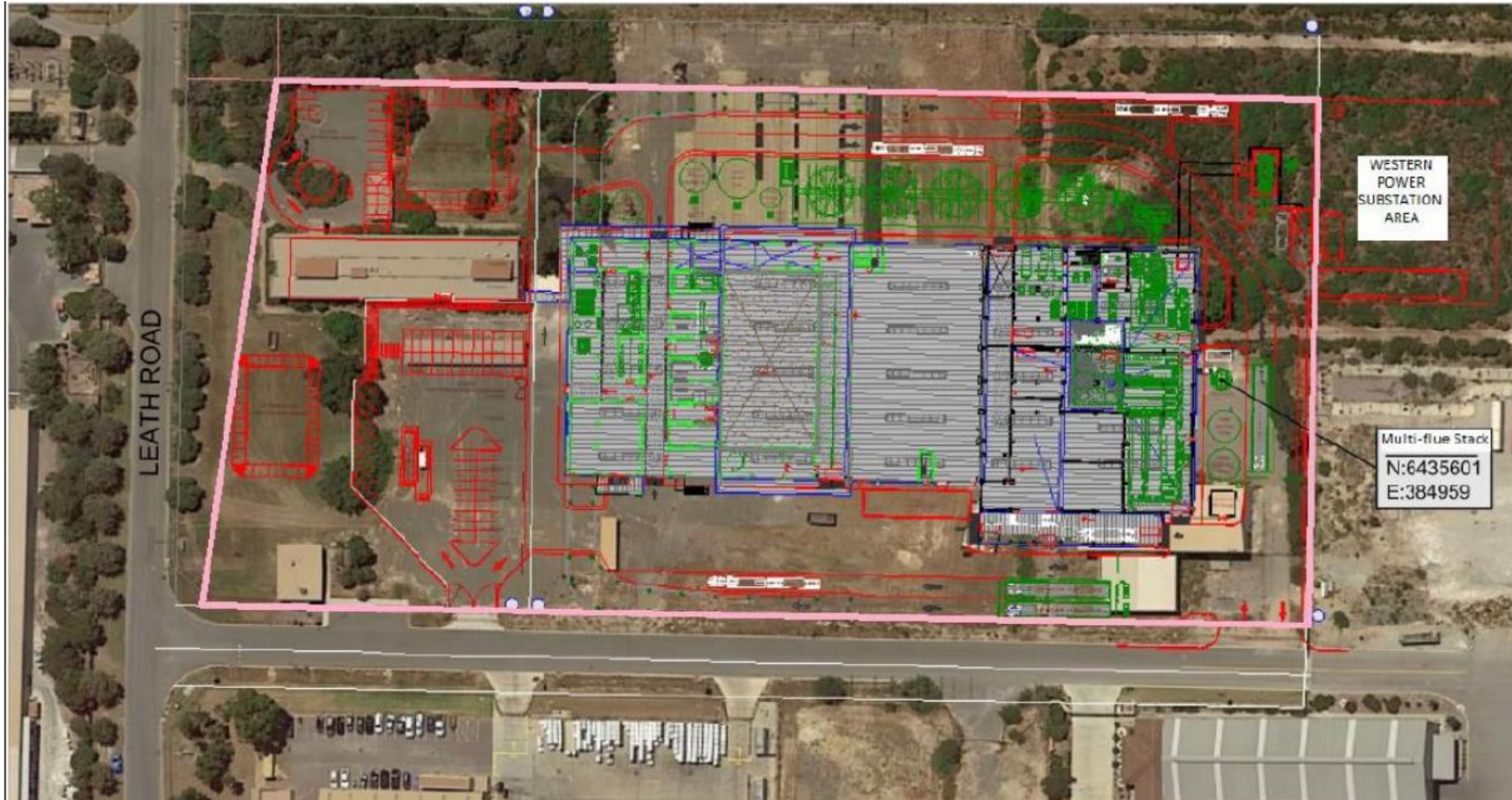


Figure 1: Map of the boundary of the prescribed premises

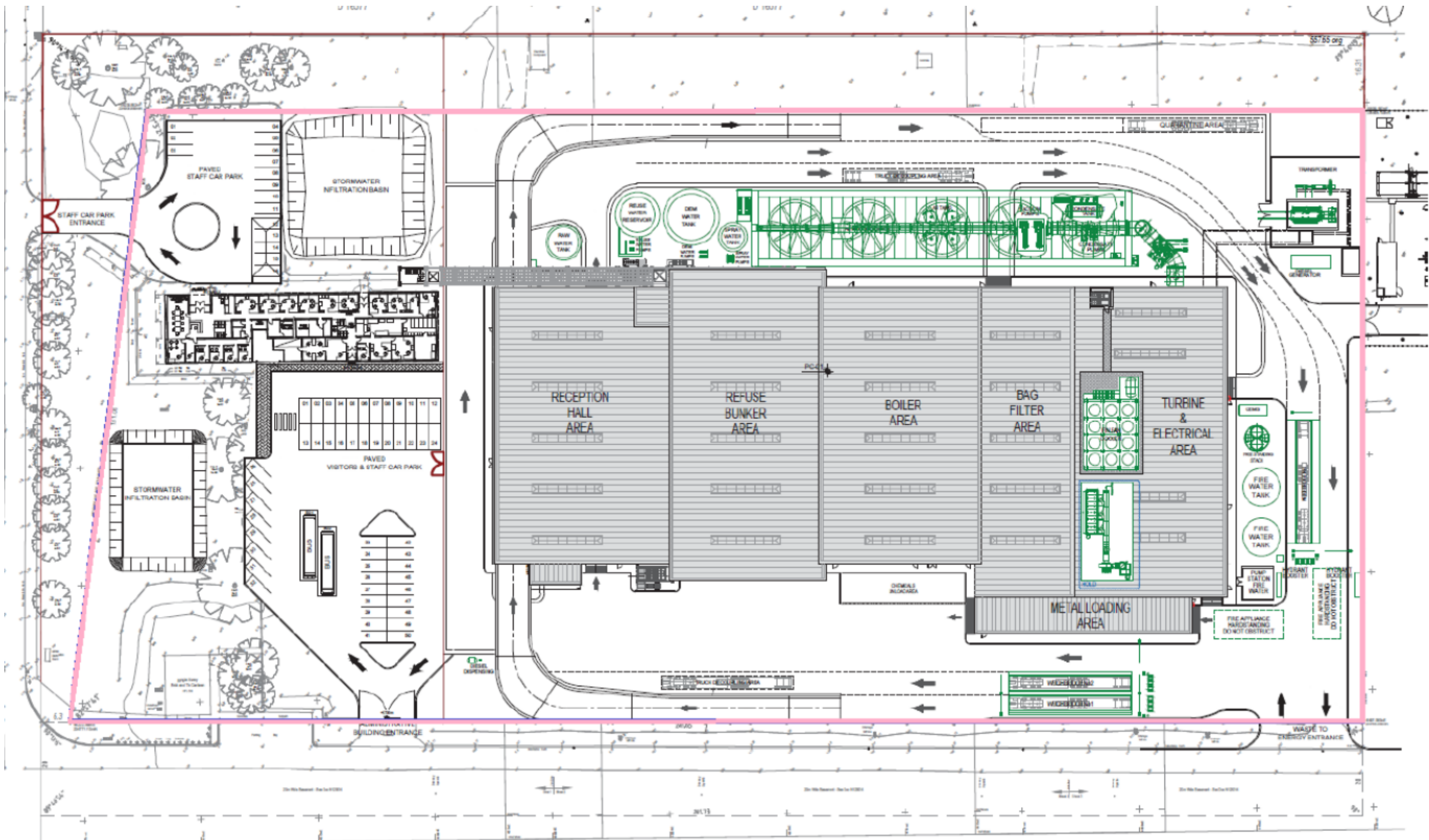


Figure 2: Proposed layout of premises

## Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 10.

**Table 10: Premises boundary coordinates (GDA2020)**

	<b>Easting</b>	<b>Northing</b>
1.	384720.47	6435668.39
2.	384980.06	6435668.44
3.	384979.59	6435538.32
4.	384704.40	6435538.35