

Ordinary Council Meeting

25 May 2022

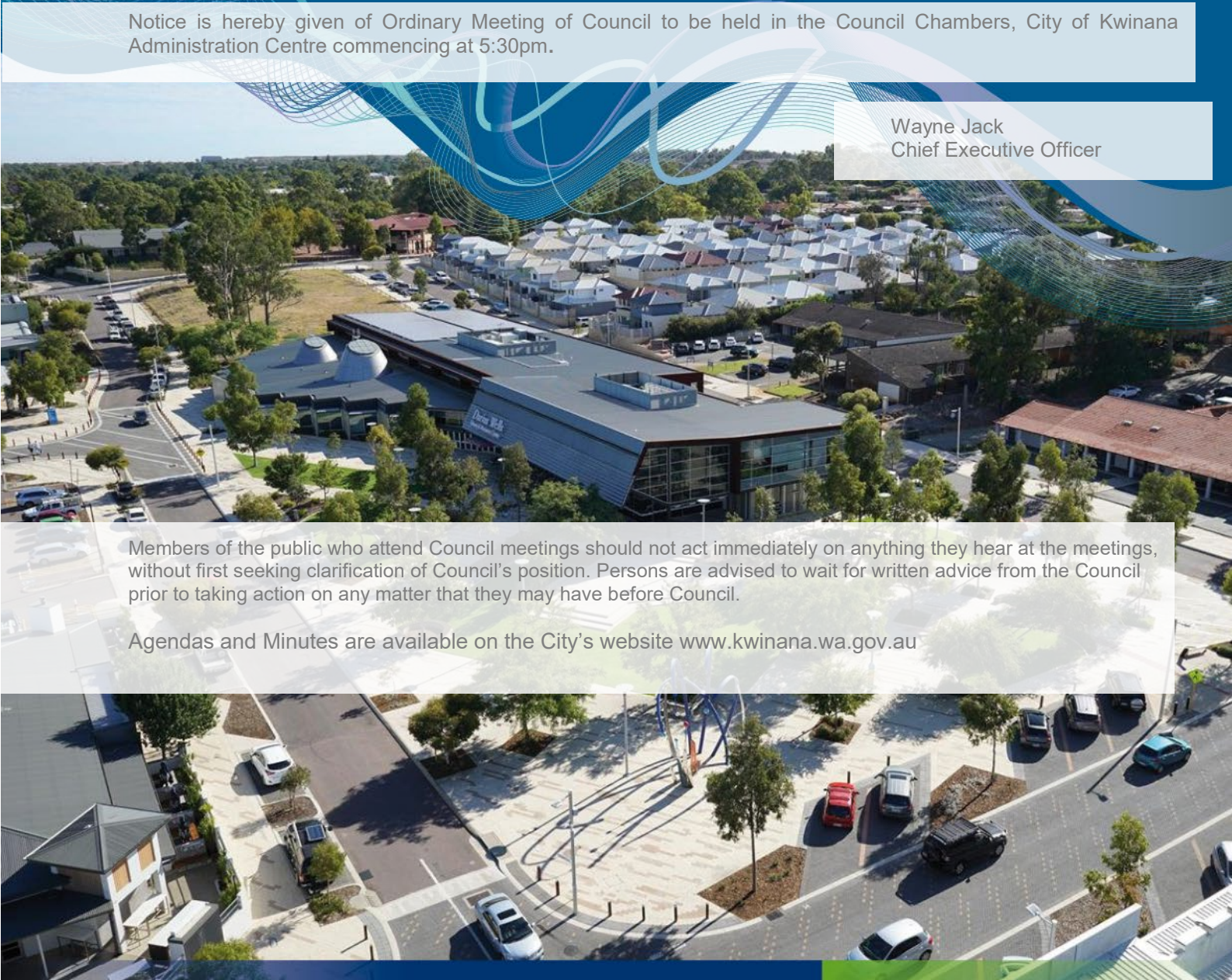
Agenda

Notice is hereby given of Ordinary Meeting of Council to be held in the Council Chambers, City of Kwinana Administration Centre commencing at 5:30pm.

Wayne Jack
Chief Executive Officer

Members of the public who attend Council meetings should not act immediately on anything they hear at the meetings, without first seeking clarification of Council's position. Persons are advised to wait for written advice from the Council prior to taking action on any matter that they may have before Council.

Agendas and Minutes are available on the City's website www.kwinana.wa.gov.au



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1 OPENING AND ANNOUNCEMENT OF VISITORS

Presiding Member to declare the meeting open and welcome all in attendance.

Presiding Member to announce that the Ordinary Council Meeting is being live streamed and recorded in accordance with the City's Live streaming and Recording Council Meetings policy.

By being present at this meeting, members of the public consent to the City recording and livestreaming their image and/or voice.

2 WELCOME TO COUNTRY AND ACKNOWLEDGEMENT OF COUNTRY

Councillor Barry Winmar to present the Welcome to Country:

"Ngullak nyinniny kooralong koora ngullak noitj nidja noongar boodjar. Noongar moort djoorapiny nyinniny nidja ngulla quopadok noongar boodjar kooralong.

From the beginning of time to the end, this is Noongar Country. Noongar people have been graceful keepers of our nation for many, many years.

Ngalla djoorapiny maambart boodjar ngallak bala maambart quop ngalla koort djoorapiny nidja ngalla mia mia nyinniny noongar boodjar.

We respect the earth our mother and understand that we belong to her - she does not belong to us. In all her beauty, we find comfort, wellbeing, and life that creates a home for everyone that has become a keeper of Noongar Country.

Djinanginy katatjin djoorapiny nidja weern noongar boodjar ngalla mia mia boorda.

Look, listen, understand and embrace all the elements of Noongar Country that is forever our home.

Kaya wandju ngaany Barry Winmar Wadjuk Ballardong maaman ngaany koort djoorpiny noonook nidja Noongar boodjar daadjaling waankganiny noitj Noongar Boodjar.

Hello and welcome my name is Barry Winmar and I am a Whadjuk Ballardong man my heart is happy as we are gathered on Noongar country and speaking here on Noongar Country"

Presiding Member to read the Acknowledgement of country:

"It gives me great pleasure to welcome you all here and before commencing the proceedings, I would like to acknowledge that we come together tonight on the traditional land of the Noongar people and we pay our respects to their Elders past and present."

3 DEDICATION

Councillor Barry Winmar to read the dedication:

"May we, the Elected Members of the City of Kwinana, have the wisdom to consider all matters before us with due consideration, integrity and respect for the Council Chamber.

May the decisions made be in good faith and always in the best interest of the greater Kwinana community that we serve."

4 ATTENDANCE, APOLOGIES, LEAVE(S) OF ABSENCE (PREVIOUSLY APPROVED)

Apologies:

Leave(s) of Absence (previously approved):

Councillor Dennis Wood from 11 May 2022 to 19 June 2022 inclusive.

5 PUBLIC QUESTION TIME

In accordance with the *Local Government Act 1995* and the *Local Government (Administration) Regulations 1996*, any person may during Public Question Time ask any question.

In accordance with Regulation 6 of the *Local Government (Administration) Regulations 1996*, the minimum time allowed for Public Question Time is 15 minutes.

A member of the public who raises a question during Question Time is to state his or her name and address.

Members of the public must provide their questions in writing prior to the commencement of the meeting. A public question time form must contain all questions to be asked and include contact details and the form must be completed in a legible form.

Please note that in accordance with Section 3.4(5) of the *City of Kwinana Standing Orders Local Law 2019* a maximum of two questions are permitted initially. An additional question will be allowed by the Presiding Member if time permits following the conclusion of all questions by members of the public.

6 RECEIVING OF PETITIONS, PRESENTATIONS AND DEPUTATIONS

6.1 PETITIONS

A petition must –

- be addressed to the Mayor;
- be made by electors of the district;
- state the request on each page of the petition;
- contain at least five names, addresses and signatures of electors making the request;
- contain a summary of the reasons for the request;
- state the name of the person to whom, and an address at which, notice to the petitioners can be given; and

be respectful and temperate in its language and not contain language disrespectful to Council.

The only motion which shall be considered by the Council on the presentation of any petition are –

that the petition be received;
that the petition be rejected; or
that the petition be received and a report prepared for Council.

6.2 PRESENTATIONS

In accordance with Clause 3.6 of the *Standing Orders Local Law 2019* a presentation is the acceptance of a gift, grant or an award by the Council on behalf of the local government or the community.

Prior approval must be sought by the Presiding Member prior to a presentation being made at a Council meeting.

Any person or group wishing to make a presentation to the Council shall advise the CEO in writing before 12 noon on the day of the meeting. Where the CEO receives a request in terms of the preceding clause the CEO shall refer it to the presiding member of the Council committee who shall determine whether the presentation should be received.

A presentation to Council is not to exceed a period of fifteen minutes, without the agreement of Council.

6.3 DEPUTATIONS

In accordance with Clause 3.7 of the *Standing Orders Local Law 2019*, any person or group of the public may, during the Deputations segment of the Agenda with the consent of the person presiding, speak on any matter before the Council or Committee provided that:

the person has requested the right to do so in writing addressed to the Chief Executive Officer by noon on the day of the meeting;
setting out the agenda item to which the deputation relates;
whether the deputation is supporting or opposing the officer's or committee's recommendation; and
include sufficient detail to enable a general understanding of the purpose of the deputation.

A deputation to Council is not to exceed a period of fifteen minutes, without the agreement of Council.

7 CONFIRMATION OF MINUTES

7.1 MINUTES OF THE ORDINARY COUNCIL MEETING HELD ON 11 MAY 2022

RECOMMENDATION

That the Minutes of the Ordinary Council Meeting held on 11 May 2022 be confirmed as a true and correct record of the meeting.

8 DECLARATIONS OF INTEREST (FINANCIAL, PROXIMITY, IMPARTIALITY – BOTH REAL AND PERCEIVED) BY MEMBERS AND CITY OFFICERS

Section 5.65(1) of the *Local Government Act 1995* states:

A member who has an interest in any matter to be discussed at a council or committee meeting that will be attended by the member must disclose the nature of the interest —

in a written notice given to the CEO before the meeting; or
at the meeting immediately before the matter is discussed.

Section 5.66 of the *Local Government Act 1995* states:

If a member has disclosed an interest in a written notice given to the CEO before a meeting then —

before the meeting the CEO is to cause the notice to be given to the person who is to preside at the meeting; and
at the meeting the person presiding is to bring the notice and its contents to the attention of the persons present immediately before the matters to which the disclosure relates are discussed.

9 REQUESTS FOR LEAVE OF ABSENCE**10 ITEMS BROUGHT FORWARD FOR THE CONVENIENCE OF THOSE IN THE PUBLIC GALLERY****11 ANY BUSINESS LEFT OVER FROM PREVIOUS MEETING**

Nil

12 RECOMMENDATIONS OF COMMITTEES

Nil

13 ENBLOC REPORTS**14 REPORTS – COMMUNITY**

Nil

15 REPORTS – ECONOMIC

Nil

16 REPORTS – NATURAL ENVIRONMENT

Nil

17 REPORTS – BUILT INFRASTRUCTURE

17.1 JOINT DEVELOPMENT ASSESSMENT PANEL APPLICATION - PROPOSED FUEL TANKS (120 MEGALITRES) - LOT 2 AND 3 KWINANA BEACH ROAD, KWINANA BEACH

SUMMARY

The City has received a development application for four (4) 30 megalitre (ML) fuel storage tanks at the Coogee Chemicals industrial site at Lot 2 and 3 Kwinana Beach Road, Kwinana Beach (the subject site). The four tanks will be additional to the existing 'General Industry' land use which also comprises of several storage tanks on the subject site.

As the estimated cost of development is \$60 million, the application is required to be determined by the Metro Outer Joint Development Assessment Panel (JDAP). In accordance with the *Planning and Development (Development Assessment Panels) Regulations 2011* (DAP Regulations), a Responsible Authority Report (RAR) has been prepared and is attached for Council's consideration along with the proposed development plans (Attachment A).

As discussed in the attached RAR, the application has been assessed against relevant planning legislation and is considered to meet the requirements of the City's Local Planning Scheme No. 2 (LPS2). The application is recommended for approval subject to conditions.

City Officers do not have delegation to prepare the RAR under the DAP Regulations. In the event that Council wishes to modify or make an alternative recommendation to that contained within the RAR, this will form a separate recommendation to that of the Officer's for the JDAP's consideration.

The proposed application is likely to be considered by the JDAP at a meeting in June 2022. The City is required to submit the RAR to the JDAP by 31 May 2022. Should the City not submit this report to the JDAP within the required timeframe, the Minister for Planning may direct the City to submit any information it has and provide this to the JDAP directly.

OFFICER RECOMMENDATION

That Council resolve to support the proposed Development Application for Fuel Tanks (120 megalitres) - Lot 2 and 3 Kwinana Beach Road, Kwinana as per the Responsible Authority Report (Attachment A) to the Metro Outer Joint Development Assessment Panel.

DISCUSSION

This application aligns with a number of strategic directions set out under Council's adopted Draft Local Planning Strategy, particularly under the economy element. These include, 'Stimulate economic development and encourage diversification'; and, 'The Western Trade Coast is developed with maximum leverage being gained from investments in new infrastructure.'

The subject application is for 4 fuel storage tanks totalling 120ML storage capacity at the Coogee Chemicals industrial site at Lot 2 and 3 Kwinana Beach Road, Kwinana Beach (the subject site) – see Attachments 1 - 13 of the attached RAR (Attachment A) for the development plans and supporting documents. The subject site is 17 hectares in aggregate area, with Lot 2 being 8.89 hectares and Lot 3, 8.11 hectares. The proposed development will complement existing infrastructure on Lot 2, utilising approximately 1.37 hectares of the lot area.

Use Class Permissibility

The proposed fuel tanks will be an incidental development to the existing land use, which was historically approved as a 'General Industry' land use for the purposes of fuel storage under the City's LPS2. This approach is also consistent with previous approvals on the site for minor additions, which have also been classified as a 'General Industry' land use under LPS2.

The 'General Industry' land use is a 'P' (permitted) use under LPS2 within the General Industry zone, which means the use is permitted provided it complies with the relevant standards and requirements of LPS2 and all conditions (if any) imposed by the responsible authority in granting planning consent.

The application has been advertised to all owners and occupiers of the surrounding properties and has also been referred to various external agencies and government departments for comment. No submissions were received from adjoining landowners. As discussed in the attached RAR, the application has been assessed against relevant planning legislation and is considered to meet the requirements of LPS2.

The application is recommended for approval subject to conditions, including contribution towards Public Art as discussed below.

Contribution towards Public Art

The City's Local Planning Policy 5 - Development Contribution towards Public Art (LPP5) requires that for new development and "major extensions", a Public Art contribution is required for development valued over \$2 million. The eligible cost of any Public Art contribution provided for under LPP5 shall be no less than one percent (1%) of the construction value of the development, and capped at a maximum of \$500,000.

The proposed development is valued at \$60 million and so the Policy requires a Public Art contribution of \$500,000 (being the maximum capped amount).

The applicant has requested an exemption from the requirement to contribute towards Public Art for a number of reasons. City Officers are of the view that the development is **not exempt** from Public Art under LPP5, because the tanks are considered to be a "Major Extension" that will significantly increase throughput capacity at the site.

It is noted that City Officers have initiated an amendment to LPP5 and, at the time of writing this report, Council is expected to consider this Policy amendment at the meeting scheduled for 11 May 2022. In this respect, the intent is that the revised draft LPP5 would be advertised for community comment following which Council would consider submissions and determine a final revised LPP5 position.

The revised draft LPP5 proposes to reduce the contribution for industrial development from the current 1% to 0.75% of construction value and sets a cap for public art contributions from industry at \$375,000 (rather than \$500,000).

As such, should the revised LPP5 be approved by Council, the Public Art contribution rate for the proposed development may be \$375,000 or other amount as so determined at the time of adoption. Noting this, City Officers recommend that the application be conditionally approved subject to the applicant contributing towards Public Art being at the rate determined as per the revised LPP5.

Conclusion:

City staff are satisfied that the proposed development meets the requirements of the LPS2.

The application is referred to Council as City Officers do not have delegation to prepare the RAR under the DAP Regulations. Council should note that if it wishes to modify or make an alternative recommendation, this will sit separate to the Officer's Recommendation in the RAR when it is presented to the JDAP for consideration.

STRATEGIC IMPLICATIONS

This proposal will support the achievement of the following outcome/s and objective/s detailed in the Strategic Community Plan and Corporate Business Plan.

Strategic Community Plan			
Outcome	Strategic Objective	Action in CBP (if applicable)	How does this proposal achieve the outcomes and strategic objectives?
2 – A resilient and thriving economy and exciting opportunities	2.1 – Enable a thriving and sustainable local economy that supports and sustains quality jobs and economic opportunities	2.1.2 – Implement the Local Planning Strategy	The proposed development is consistent with the overarching planning principles of the City's draft Local Planning Strategy by incorporating economic principles.
4 – A unique, vibrant and healthy City that is safe, connected and socially diverse	4.2 – Improve Kwinana's perception by leveraging and promoting the unique attributes of the area and supporting feelings of safety and security in community	4.2.2 – Implement the Public Art Masterplan	The proposed development will require a contribution to Public Art.

SOCIAL IMPLICATIONS

This proposal will support the achievement of the following social outcome/s, objective/s and strategic priorities detailed in the Social Strategy.

Social Strategy			
Social Outcome	Objective	Strategic Priority	How does this proposal achieve the social outcomes, objectives and strategic priorities?
6 – Vibrant and Celebrated	6.0 – Vibrancy and creativity thrive and our unique identity and achievements are celebrated	6.3 – Support community activation and participation in arts, culture, events and heritage initiatives	The proposed development will require a contribution to Public Art.

		6.6 – Provide opportunities to establish a thriving creative economy	
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LEGAL/POLICY IMPLICATIONS

For the purpose of Councillors considering a financial or impartiality interest only, the landowners of the lots are Coogee Chemicals Pty Ltd and Terminals West Pty Ltd, and the applicant is Coogee Chemicals Pty Ltd.

Legislation

- *Planning and Development Act 2005*
- *Planning and Development (Development Assessment Panels) Regulations 2011*
- *Planning and Development (Local Planning Schemes) Regulations 2015*
- City of Kwinana Local Planning Scheme No. 2

State Planning Policies

- State Planning Policy 3.7 - Planning in Bushfire Prone Areas
- Draft State Planning Policy 4.1 - State Industrial Buffer Policy
- Draft Development Control Policy 4.2 - Planning for High-Pressure Gas Pipelines

Local Policies

- Local Planning Policy 5 - Development Contribution Towards Public Art
- Local Planning Policy 11 - Site Requirements and Standards for Development within Industrial Zones

FINANCIAL/BUDGET IMPLICATIONS

There are no financial or budget implications as a result of this application.

ASSET MANAGEMENT IMPLICATIONS

There are no asset management implications as a result of this application.

ENVIRONMENTAL/PUBLIC HEALTH IMPLICATIONS

The application was referred to the Department of Water and Environment Regulation (DWER) and the City's Environmental Health department, who provided advice in relation to environmental and public health matters including site contamination and odour. These matters have been addressed through the recommended conditions and advice notes in the RAR (see Attachment A).

COMMUNITY ENGAGEMENT

The proposed 'General Industry' land use is a 'P' (permitted) use under LPS2 and therefore does not require advertising. However, due to the height, scale and proximity to boundaries of the proposed development, it was considered appropriate to advertise to adjacent landowners.

The application was advertised via mailout for a period of fourteen (14) days. At the conclusion of the advertising period, no submissions were received by the City.

ATTACHMENTS

A. Responsible Authority Report Attachments - Fuel Terminal

KWINANA BEACH ROAD, LOT 2 AND LOT 3 KWINANA BEACH – FUEL TANKS TERMINAL

Form 1 – Responsible Authority Report (Regulation 12)

DAP Name:	Metro Outer JDAP
Local Government Area:	City of Kwinana
Applicant:	Coogee Chemicals Pty Ltd
Owner:	Lot 2 - Coogee Chemicals Pty Ltd Lot 3 - Terminals West Pty Ltd
Value of Development:	\$60 million <input checked="" type="checkbox"/> Mandatory (Regulation 5) <input type="checkbox"/> Opt In (Regulation 6)
Responsible Authority:	City of Kwinana
Authorising Officer:	Manager Planning and Development
LG Reference:	DA10283
DAP File No:	DAP/22/02189
Application Received Date:	3 March 2022
Report Due Date:	31 May 2022
Application Statutory Process Timeframe:	90 Days
Attachment(s):	<ol style="list-style-type: none"> 1. Site Location Plan 2. Overall Plan View 3. General Arrangement Plan View 4. Elevation Plan 5. Slab Falls Plan 6. Landscape Plan 7. Stormwater Management Plan 8. Dust Management Plan 9. Bushfire Management Plan 10. Traffic Impact Assessment 11. Hazard and Risk Assessment 12. Bushfire Risk Management Plan 13. Public Art Exemption Justification 14. DMIRS Referral Response 15. DWER Referral Response 16. DFES Referral Response 17. MRWA Referral Response 18. DBP Referral Response 19. DPLH Referral Response
Is the Responsible Authority Recommendation the same as the Officer Recommendation? <i>This section to be completed after Council Resolution.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> No
	Complete Responsible Authority Recommendation section Complete Responsible Authority and Officer Recommendation sections

Responsible Authority Recommendation

That the Metro Outer JDAP resolves to:

1. **Approve** DAP Application reference DAP/22/02189 and accompanying plans (Attachments 1 - 6) in accordance with Clause 68 of Schedule 2 (Deemed Provisions) of the *Planning and Development (Local Planning Schemes) Regulations 2015*, and the provisions of the City of Kwinana Local Planning Scheme No.2, subject to the following conditions:

Conditions

1. Pursuant to clause 26 of the Metropolitan Region Scheme, this approval is deemed to be an approval under clause 24(1) of the Metropolitan Region Scheme.
2. This decision constitutes planning approval only and is valid for a period of two (2) years from the date of approval. If the subject development is not substantially commenced within the specified period, the approval shall lapse and be of no further effect.
3. The requirements of Local Planning Policy No.5 - Development Contribution towards Public Art (LPP5) must be met through one of the following options:
 - a. Prior to the lodgement of a building permit application, the owner/applicant must submit a Public Art Report in accordance with LPP5 to the City of Kwinana for approval, which must detail the provision of Public Art on site to a minimum value as specified in LPP5. Prior to the use or occupation of the development, the approved Public Art must be installed on site to the satisfaction of the City of Kwinana; or
 - b. Prior to the commencement of works, the owner/applicant shall provide a financial contribution of a minimum value as specified in LPP5 to the City of Kwinana in lieu of installing Public Art on site to the satisfaction of the City of Kwinana.
4. Prior to the commencement of works, the applicant shall submit and implement an amended Landscaping Plan that addresses the bush fire mitigation measures as stated in the Bushfire Management Plan to the satisfaction of the City of Kwinana.
5. Prior to the commencement of works, the development plans and the submitted Hazard Identification and Risk Assessment must be amended to delete reference to proposed temporary access from Patterson Road (including ramp and existing gate), to the satisfaction of the City of Kwinana in consultation with Main Roads WA.
6. Prior to the commencement of works, the submitted Stormwater Management Plan must be updated to include detailed design drawings to demonstrate the onsite retention of stormwater drainage, including:
 - a. Infiltration Areas will have the capacity to cater for the additional impervious area of the concrete bund;

- b. terminal concrete will have the capacity as required by Australian Standard AS1940, and will therefore be adequate for a major rainfall event (1 in 100 years);
- c. details of how water will be discharged from Infiltration Area 1 to Infiltration Areas 2 and 3; and
- d. confirmation that the wastewater management system will have capacity to cater for the additional tanks;

to the specifications and satisfaction of the City of Kwinana.

7. All vehicle access is to be via the existing crossovers to Kwinana Beach Road, no direct vehicle access is permitted to Patterson Road during either construction or operation of the development.
8. All stormwater must be contained and disposed of on the site at all times in accordance with the approved updated Stormwater Management Plan and detailed design drawings, to the satisfaction of the City of Kwinana.
9. No stormwater drainage is to be discharged onto the Patterson Road reserve.
10. All building works, including earthworks and footings, must be contained within the boundaries of the subject site to the satisfaction of the City of Kwinana. No earth works shall encroach onto the Patterson Road reserve.
11. Ground levels on the Patterson Road boundary are to be maintained as existing, to the satisfaction of the City of Kwinana in consultation with Main Roads WA.
12. The parking of vehicles in association with the approved development must be contained within the subject site at all times, including during the construction of the development.
13. Vehicle barriers must be installed between the storage vessels and trafficable areas to prevent damage to the storage vessels, to the satisfaction of the City of Kwinana.
14. The development shall at all times comply with the requirements and recommendations of the Bushfire Management Plan prepared by Nathan Peart (dated 7 April 2022) and the Bushfire Risk Management Plan prepared by Bushfire Smart (dated 25 January 2022) to the satisfaction of the City of Kwinana, including that land within the 13 metre Asset Protection Zone (APZ) is to be managed and maintained in perpetuity.
15. The approved fuel storage tanks must be enclosed within concrete bunds sufficient in capacity to contain 110% of the capacity of the largest tank or 25% of the total capacity of all tanks within the bund, whichever is the greater, in accordance with *AS1940: The storage and handling of flammable and combustible liquids*, to the satisfaction of the City of Kwinana.
16. Chemical and liquid storage areas and the bund and gantry loading areas must be constructed with an impervious hardstand that is graded to contain spills and connected to an appropriate treatment and disposal system, to the satisfaction of the City of Kwinana.

17. Liquid waste arising from loading or unloading activities must be collected and contained for treatment or disposal at a Department of Water and Environmental Regulation (DWER) licenced wastewater disposal facility.
18. The development must not cause a dust nuisance to neighbours. The owner/operator must take effective measures to stabilise dust on the land and ensure dust is not released from the land as a result of the development. Appropriate measures must be implemented by the owner/ operator within the time and in the manner directed by the City of Kwinana in the event that dust is blown or drifts from the site.

Advice Notes

1. In regard to the conditions restricting vehicle access onto Patterson Road, the owner/applicant is advised that Patterson Road is a proclaimed Control of Access road pursuant to s.28A of the *Main Roads Act 1930*, and vehicle access between adjacent properties and Patterson Road is not permitted.
2. The owner/applicant is advised to submit an application form to undertake works within the road reserve prior to undertaking any works within the Patterson Road reserve. Application forms and supporting information about the procedure can be found on the Main Roads website > Technical & Commercial > Working on Roads. Contact Main Roads WA for further information.
3. The owner/applicant is advised that this approval is not a building permit, which constitutes a separate legislative requirement. Prior to any building work commencing on site a building permit or building permit exemption must be obtained from the City of Kwinana. Significant penalties apply under the *Building Act 2011* for any failure to comply with this requirement.
4. The owner/applicant should ensure that the proposed development complies with all other relevant legislation, including but not limited to, the *Environmental Protection Act 1986*; *Health (Miscellaneous Provisions) Act 1911*; *Contaminated Sites Act 2003*; the *Dangerous Goods Safety Act 2004* and any associated regulations.
5. In regard to Condition 3, the owner/applicant is advised that the City is currently reviewing LPP5 and the contribution amount will be determined at the time that the approval is sought for the public art or that cash in lieu is to be paid as per Condition 3.

Reasons for Responsible Authority Recommendation

This section is to be completed where the Council resolution differs from the Officer Recommendation. The Council minutes in that case would be shown here, including reasons for that decision.

Details: outline of development application

Region Scheme	Metropolitan Region Scheme (MRS)
Region Scheme - Zone/Reserve	Industrial

Local Planning Scheme	Local Planning Scheme No. 2 (LPS2)
Local Planning Scheme - Zone/Reserve	General Industry
Structure Plan/Precinct Plan	N/A
Use Class and permissibility:	'General Industry' (P)
Lot Size:	Lot 2 - 8.89 hectares Lot 3 - 8.11 hectares TOTAL = 17 hectares
Existing Land Use:	'General Industry'
State Heritage Register	No
Local Heritage	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> Heritage List <input type="checkbox"/> Heritage Area
Design Review	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> Local Design Review Panel <input type="checkbox"/> State Design Review Panel <input type="checkbox"/> Other
Bushfire Prone Area	Yes
Swan River Trust Area	No

Proposal:

An application has been received by the City of Kwinana (the City) for a development proposal of four (4) 30 megalitre fuel storage tanks on an industrial lot at Lot 2 and 3 Kwinana Beach Road, Kwinana Beach (the subject site). The development plans and supporting documents can be seen in Attachments 1 - 13.

The proposed development will be an additional development to the existing land use, which was historically approved as a 'General Industry' land use for the purposes of fuel storage under the City of Kwinana Local Planning Scheme No.2 (LPS2). This approach is also consistent with previous approvals on the site that have been issued for minor additions which have also been classified as a 'General Industry' land use under LPS2. The 'General Industry' land use is a 'P' (permitted) land use under LPS2 within the General Industry zone. Reference should also be made to the Planning Assessment of this report for further interpretation of the land use.

The applicant has advised that the purpose of the proposed development is to improve the fuel storage capacity of the site. The applicant has also advised that the additional 120 megalitres of fuel storage will not create any changes to staff numbers, customer numbers, or hours of operation.

Background:Site Context

The subject site is located within the Kwinana Industrial Area in Kwinana Beach, and is bound by Kwinana Beach Road and Patterson Road. The site has direct access from Kwinana Beach Road to the north.

The subject site is 17 hectares in total area, with Lot 2 where the fuel tanks are to be located, being 8.89 hectares in area. The proposed development will complement

existing infrastructure on Lot 2, utilising approximately 1.37 hectares of the lot in the south-eastern corner. A stormwater basin associated with the development is proposed on Lot 3.

The proposed tanks will be set back 19.5m from Patterson Road, and 21.5m from the adjacent vacant land to the west (Lot 110 Patterson Road), which contains the Dampier to Bunbury Natural Gas Pipeline (DBNGP) corridor. The southern side of Lot 2 and proposed tanks 1 and 2 are partially located in a Bushfire Prone Area.

Site History

Both lots have been subject to a number of development approvals issued by the City over the years, with the predominant land use being 'General Industry' for the purposes of the storage of fuel. The most recent application (City's reference: DA10169) was granted by the City under delegation on 4 January 2022 for site works and a bund wall to accommodate the fuel tanks proposed in this JDAP application.

Legislation and Policy:

Legislation

Planning and Development Act 2005
Planning and Development (Development Assessment Panels) Regulations 2011
Planning and Development (Local Planning Schemes) Regulations 2015
City of Kwinana Local Planning Scheme No. 2

State Government Policies

State Planning Policy 3.7 – Planning in Bushfire Prone Areas (SPP3.7)
Draft State Planning Policy 4.1 – State Industrial Buffer Policy (SPP4.1)
Development Control Policy 4.2 – Planning for Hazards and Safety (DCP4.2)
Draft Development Control Policy 4.2 – Planning for High-Pressure Gas Pipelines

Local Policies

Local Planning Policy 5 - Development Contribution Towards Public Art
Local Planning Policy 11 - Site Requirements and Standards for Development within Industrial Zones

Consultation:

Public Consultation

The proposed General Industry – Storage Tanks is a "P" (permitted) land use under LPS2 and therefore does not require advertising. However, due to the heights, scale and proximity to boundaries of the proposed development, it was considered appropriate to advertise to adjacent landowners.

The application was advertised via mailout for a period of fourteen (14) days. At the conclusion of the advertising period, no submissions were received by the City.

Referrals/consultation with Government/Service Agencies

The application was referred to a number of agencies for their comments, including:

- Department of Mines, Industry Regulation and Safety (DMIRS)
- Department of Water and Environmental Regulation (DWER)
- Department of Fire and Emergency Services (DFES)
- Main Roads WA (MRWA)
- Dampier Bunbury Pipeline operator (DBP)
- Department of Planning, Lands and Heritage (DPLH)

A summary of the matters raised in agency responses is provided below:

Department of Mines, Industry Regulation and Safety (DMIRS)

The application was referred to DMIRS due to the proposed development being subject to the compliance with the *Dangerous Goods Safety Act 2004* and associated regulations.

DMIRS advised that the proposal raises no significant issues. The proposed fuel storage will be subject to the *Dangerous Goods Safety Act 2004* and associated regulations. The applicant will be required to make relevant submissions to DMIRS in due course.

An advice note is included advising the applicant to contact DMIRS for further information should the proposed development be conditionally approved. Refer to Attachment 14 for DMIRS's response.

Department of Water and Environmental Regulation

The application was referred to DWER due to the proposed development being subject to the compliance with the *Environmental Protection Act 1986 (EP Act)* and associated regulations.

DWER have advised that the proposed development to construct additional fuel storage tanks on the subject site does not trigger the requirement for a works approval under section 59 of the *EP Act*. However, once the proposed development is constructed, an amendment to the applicant's existing Part V licence will be required to provide the necessary authorisation for increased storage capacity and use of the new tanks. An advice note is recommended advising the applicant of the above information should the proposed development be conditionally approved. Refer to Attachment 15 for DWER's response.

Department of Fire and Emergency Services

The application was referred to DFES for comment due to the proposed development being located within a Bushfire Prone Area and is defined as a 'high-risk land use' in accordance with State Planning Policy 3.7 (SPP3.7).

DFES advised that the development application and the Bushfire Management Plan (BMP) have adequately identified issues arising from the bushfire risk assessment and considered how compliance with the bushfire protection criteria can be achieved. However, modifications to the BMP are necessary to ensure it accurately identifies the bushfire risk and necessary mitigation measures. DFES has further advised that as

these modifications will not affect the development design, these modifications can be undertaken without further referral of the development application to DFES.

DFES's comment has resulted in an amended BMP to include the Asset Protection Zone (APZ) – refer to Attachment 16.

Main Roads Western Australia

The application was referred to MRWA for comment due to the proposed development abutting two (2) Primary Roads – that being Kwinana Beach Road and Patterson Road.

In summary, MRWA has no objection to the development approval, subject to conditions and advice notes being imposed. Refer to Attachment 17 for further information on the advice received from MRWA.

Dampier Bunbury Pipeline

The application was referred to DBP for comment due to the proposed development being within a close proximity to the Dampier to Bunbury Natural Gas Pipeline (DBNGP).

DBP as owners and operators of the DBNGP have advised that they have no objections to the development proposal – refer to Attachment 18.

Department of Planning, Lands and Heritage

The application was referred to DPLH for comment due to the proposed development being within a close proximity to the DBNGP.

DPLH have advised that the proposed development is not expected to materially interfere with the exercise of rights that have been, or might in the future be, conferred under section 34 of the *Dampier to Bunbury Pipeline Act 1997* (DBP Act) as the lots are not encumbered by the DBNGP corridor – refer to Attachment 19.

Design Review Panel Advice

Not applicable.

Other Advice

Planning Assessment:

The proposal has been assessed against all the relevant legislative requirements of the Scheme, and State and Local Planning Policies as outlined in the Legislation and Policy section of this report. The following matters have been identified as key considerations for the determination of this application.

- Land Use
- Public Art
- Environmental Considerations
- Bushfire Planning

These matters are outlined and discussed below.

Use Class and Permissibility

The City considers the proposal represents a 'General Industry' use in the context of LPS2, which is classified as a 'P' (Permitted) land use, provided it complies with the relevant standards and requirements laid down in LPS2 and all conditions (if any) imposed by the responsible authority in granting planning consent.

The City has considered the proposed development against the land use classifications of 'Hazardous Industry', defined in LPS2 as:

"an industry which by reason of the processes involved or the method of manufacture, or the nature of the materials used or produced requires isolation from other buildings."

The development application includes a Hazard Identification and Risk Assessment (HAZID) that outlines potential risk scenarios and risk incident probabilities related to the products proposed to be stored at the facility. Given the information provided in the risk assessment, it is not considered that the proposal meets the definition of a 'Hazardous Industry', rather, it is considered to meet the 'General Industry' use.

Should any variations to the LPS2 be proposed, an assessment against the City's Local Planning Policy 11 – Site Requirements and Standards for Development within Industrial Zones (LPP11) will be required. LPP11 provides clarification for LPS2 provisions and alternative site requirements for when the LPS2 provisions are proposed to be varied.

The City's assessment of the proposal against the other relevant development standards of LPS2 are discussed below.

Table 1 – Local Planning Scheme No. 2

Provision	Requirement	Proposal	Assessment
5.7.4 – Plot Ratio and Site Coverage	0.8 Plot Ratio 65% Site Cover	The plot ratio and site coverage of the lot is well within LPS2 requirements.	Plot Ratio and Site Cover of the proposed development complies with the relevant LPS requirements for a 'General Industry' land use.
5.7.5 – Setbacks	Front – 15m Side – 6m Rear – 9m	Front – Well over 15m Side – 19.5m Rear – 21.5m	Setbacks of the proposed development complies with the LPS setback requirements for a 'General Industry' land use.

5.7.6 – Appearance of Buildings, Units of Process and Ancillary Structures	Blend into natural and/or existing development.	The subject site currently has existing storage tanks on site.	It is considered that since the site already has a number of storage tanks, an additional four tanks will blend with the existing development.
5.7.7 – Landscaping	Minimum 5% of the site.	Development is an addition and not a new land use. Development does not impact on existing landscaping.	Not applicable.
5.7.8 – Parking	Car Parking Spaces to be provided in accordance with Table III of LPS2.	Existing – proposal does not trigger additional car parking.	Not applicable.
5.7.9 – Loading and Unloading	Loading / Unloading areas to be maintained in good order.	Loading/unloading areas not impacted via proposed development.	Not applicable.
5.7.10 – Waste Water and Effluent Disposal	Waste water to be managed appropriately to preserve the environment and groundwater.	Stormwater Management Plan submitted with application.	Stormwater Management Plan has been reviewed by the City's Engineering Department. The Engineering Department has deemed the plan insufficient and requires amending. A condition is recommended to this affect (Condition 6).
5.7.11 – Recycled Water	Desirability of use of recycled water.	The development does not generate industrial process water.	Not applicable.

5.7.12 – Fencing	A security fence proposed on a front lot boundary shall be setback 1.5 metres from the front lot boundary and landscaping shall be established and maintained between these lines to the satisfaction of Council.	No additional fencing proposed.	Not applicable.
5.7.13 – Materials Used	The facade on the principal frontage shall be constructed of brick, stone, masonry or such other such material approved by Council.	Development is not the principle frontage.	Not applicable.

In summary of the above assessment, it is considered that the proposed development of the four storage tanks comply with the relevant requirements of the LPS2 and will also not require an assessment against LPP11.

Public Art

The City's Local Planning Policy 5 - Development Contribution towards Public Art (LPP5) consists of the following policy objectives:

- a) *To require that a contribution towards public art is provided as a part of certain private developments within the City;*
- b) *To enhance the legibility of open spaces, buildings and streets by introducing public art that makes these places more identifiable;*
- c) *To allow for the interpretation of cultural, environmental or built heritage through public art;*
- d) *To enhance the amenity of the public domain through the use of public art; and*
- e) *To enhance the sense of place by encouraging public art forms.*

LPP5 entails that for new development and "major extensions", a public art contribution is required for a development valued over \$2 million. The eligible cost of any public art contribution provided for under LPP5 shall be no less than one percent (1%) of the construction value of the development, capped at a maximum of \$500,000.

The applicant is seeking an exemption towards the public art contribution and provides the following justification:

- *The works to be completed are completely within the boundaries of Coogee lots with no public space impacted, or accessible to the general public.*
- *With the site classified as a Major Hazard Facility, this does not afford access to the general public.*
- *This particular project does not involve accessible buildings as part of the design, and is purely industrial process plant and infrastructure.*
- *Coogee has already obtained exemption from obtaining a Building Permit under Part 5, section 74 of the Building Act 2011, pertaining to “buildings incidental to industrial plant.*
- *Coogee spend significant money on an ongoing basis towards art and keeping the gardens around the facility in mint condition. Some of these costs expended over the last few years are as follows:*
 - *Coogee donated over \$30,000 to the well-known sculptures by the sea over the last few years.*
 - *Coogee has spent over \$167,000 over the last few years on numerous pieces of art, which are held at Coogee’s main administration and gardens in Kwinana.*
 - *Coogee is currently trying to locate a laser projector that is capable of projecting images onto the tanks subject of this application. This could include famous and community works of art along with seasonal messages as deemed appropriate.*
 - *Coogee’s ongoing commitment to landscaping and gardening around their Kwinana locations, is also significant and no less than \$500,000 is spent annually to maintain these gardens and lawns.*

Although the applicant’s justification does not directly address the provisions of the Policy, City Officers have reviewed the request and provide the following comments:

Clause 3 of LPP5 outlines where development is exempt from either providing public art on the development site or providing a monetary contribution for public art in the vicinity. Clause 3.3 of LPP5 clarifies the exemptions by stating that the requirements to provide for public art will only be “*required on new developments or major extensions only in the General Industry zone*”.

Considering the proposed development is located in the General Industry zone, an assessment to determine whether the proposed development is classified as a ‘new development’ or a ‘major extension’ (as per clause 3.3 above), is detailed below. It should be noted that LPP5 defines a “major extension” as follows:

Those extensions that introduce a new plant or physical infrastructure for a process chain and/or significant increases in throughput and production capacity. While not limited to, it may also refer to replacement and/or addition to administration buildings and/or other supporting facilities or buildings’

Exemption Classification	Assessment/Comment
New Development	The proposal is not a new, standalone development. The intent of the Policy in referring to ‘New Development’ is clearly for developments that introduce a new land use (i.e. development on a vacant lot or development where the existing use is demolished). The proposed development is

	an addition to the fuel storage development which has also been approved as a 'General Industry' land use.
<p>Major Extension:</p> <ul style="list-style-type: none"> a. Extension that introduces new plant or physical infrastructure for a process chain; b. Extension that introduces significant increases in throughput and production capacity; c. may also refer to replacement and/or addition to administration buildings and/or other supporting facilities or buildings. 	<ul style="list-style-type: none"> a. The proposal is for four (4) fuel storage tanks. As the predominant land use for the subject site is 'General Industry' (Fuel Storage), it is considered that an addition of four (4) 30 Megalitre storage tanks significantly affects the current process chain of unloading, storing and loading petroleum products by having a significant increase in the storage component of the process. The proposed additional storage will approximately increase the storage capacity on Lot 3 by 171%. Additionally, the proposed additional storage will increase the storage capacity on Lot 2 and Lot 3 by an estimated 89%. b. The proposed development does not produce any substance, and therefore the significant increase in this section is not applicable. Additionally, there will be no increase to any staff numbers or operation hours. c. The proposed development will not replace or add to existing administration buildings or supporting facilities.

Based on the above assessment, City Officers are of the view that due to the impact to the current process chain, the proposed development is not exempt from the requirements of LPP5. In addition to the above, and for the purposes of providing for proper and orderly planning, the following general comments are also made regarding the development and its relationship with LPP5:

The proposed development is highly visible from the public realm as it is located less than 35 metres from a public road (19.5m to the street boundary of Patterson Road). Notwithstanding the fact that the development will be within a close proximity to the public road, the development proposes two (2) 27.9m high, 37m wide tanks to be located within this area that fronts Patterson Road, which is considered to be high in bulk and scale as viewed from the street.

In summary from the above, the requirements of LPP5 are relevant to the proposal as the development is defined as a major extension under LPP5 and the development is therefore not exempt under clause 3 of LPP5. City staff recommend that the Public Art contribution be imposed as a condition of approval.

Under the current LPP5, as the proposed development is valued at \$60 million, the Policy requires a maximum public art contribution of \$500,000 for the development. It should be noted however that the City has initiated an amendment to LPP5 which, amongst other things, proposes to reduce the contribution from the current 1% to 0.75% for industrial development and to cap the maximum contribution to \$375,000 for industrial development. At the time of writing this report, Council is expected to consider this policy amendment at the meeting scheduled for 11 May 2022 for support for it to be advertised for public comment.

It is quite possible then that the amount of the contribution for public art determined as part of the review of the current policy may differ from the amounts specified at present and may be less than that presently. As such, the condition relating to a requirement for public art for this development (Condition 3) has been stated in a manner which would enable the public art contribution to be made based on the adopted LPP5 of the day.

Environmental Considerations

The City's Environmental Health Officers have advised that the development is subject to compliance with the *Contaminated Sites Act 2003* and the *Environmental Protection Act*. Subject to the compliance with these Acts, as well as stormwater management, no adverse environmental impacts have been identified.

The City's Engineering Officers support the proposed Stormwater Management Plan, however require detailed design drawings to demonstrate the onsite retention and treatment of stormwater in accordance with the City's specifications. This is recommended as a condition of approval.

Traffic and Access

The applicant has submitted a Traffic Impact Assessment (TIA) to support the proposal. City staff have reviewed the TIA and are satisfied that there will be no adverse traffic impacts subject to conditions.

Bushfire Planning

As previously stated, a portion of the proposed development is located within a Bushfire Prone area. Given that the BAL rating has been identified as BAL-Low with acceptable bushfire planning measures as determined by DFES, the location and the proposed use of the development is considered acceptable, subject to conditions.

DFES commented that in order to address bush fire risk and meet Asset Protection Zone (ATZ) requirements, small portions of the screening vegetation along Patterson Road will require removal (although low risk landscaping can be provided). Given the high risks associated with this land use, the City is satisfied with the reduction in screening but have included a condition requesting that a revised Landscape Management Plan be provided to the City to enable the portions of screened area to be landscaped to a high amenity but a low bush fire threat level.

Conclusion:

The proposed development adequately addresses relevant planning objectives and is considered to be an effective use of currently underutilised land within the lot – subject to the recommended conditions and advice notes.

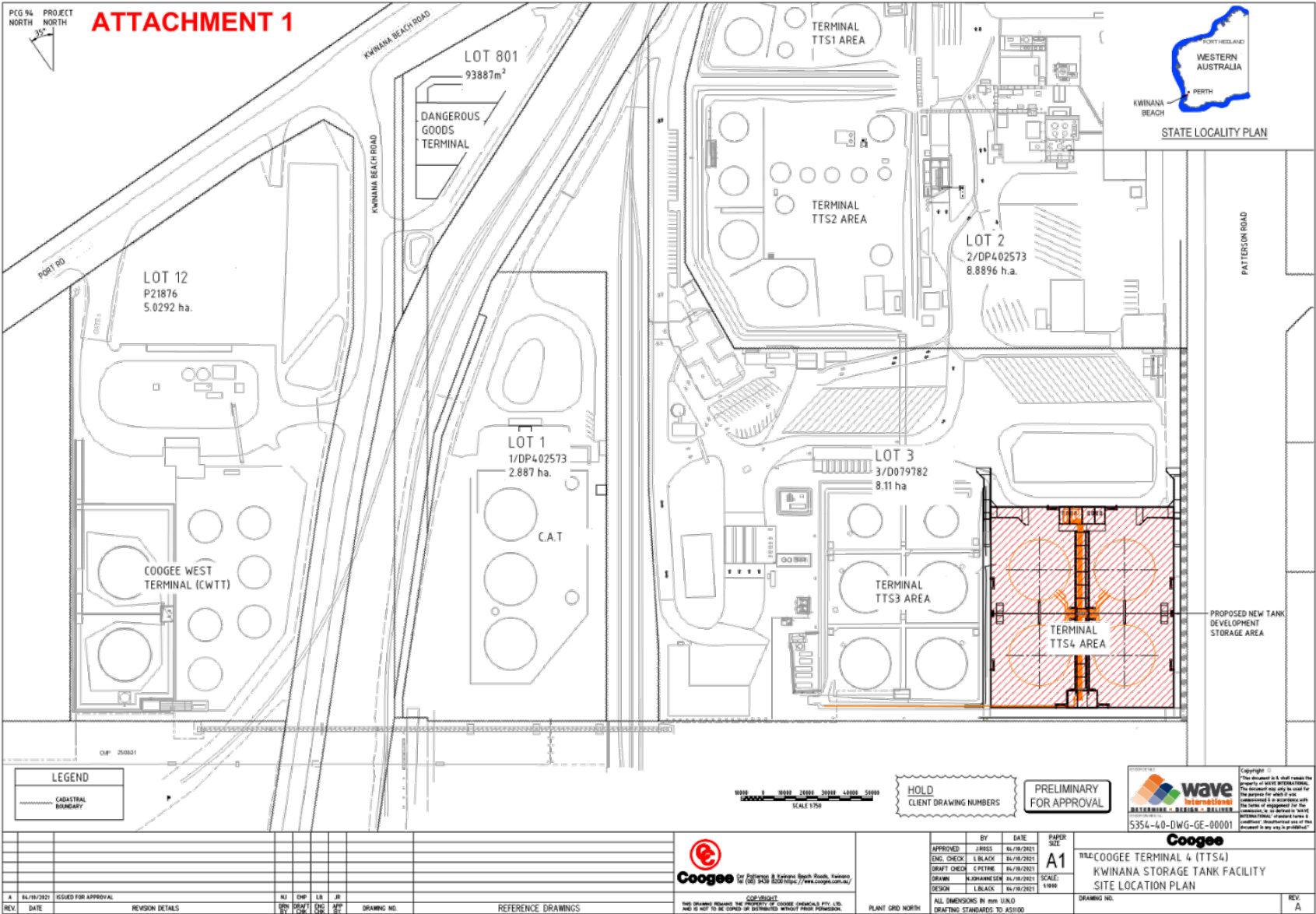
The proposed additional fuel storage significantly increases the amount of fuel that can be stored on site, allowing for greater economic growth within the region. In this regard, the proposed development is consistent with the overarching planning principles of the City's draft Local Planning Strategy, incorporating economic principles that seek to ensure the Western Trade Coast is developed with maximum leverage being gained from investments in new infrastructure.

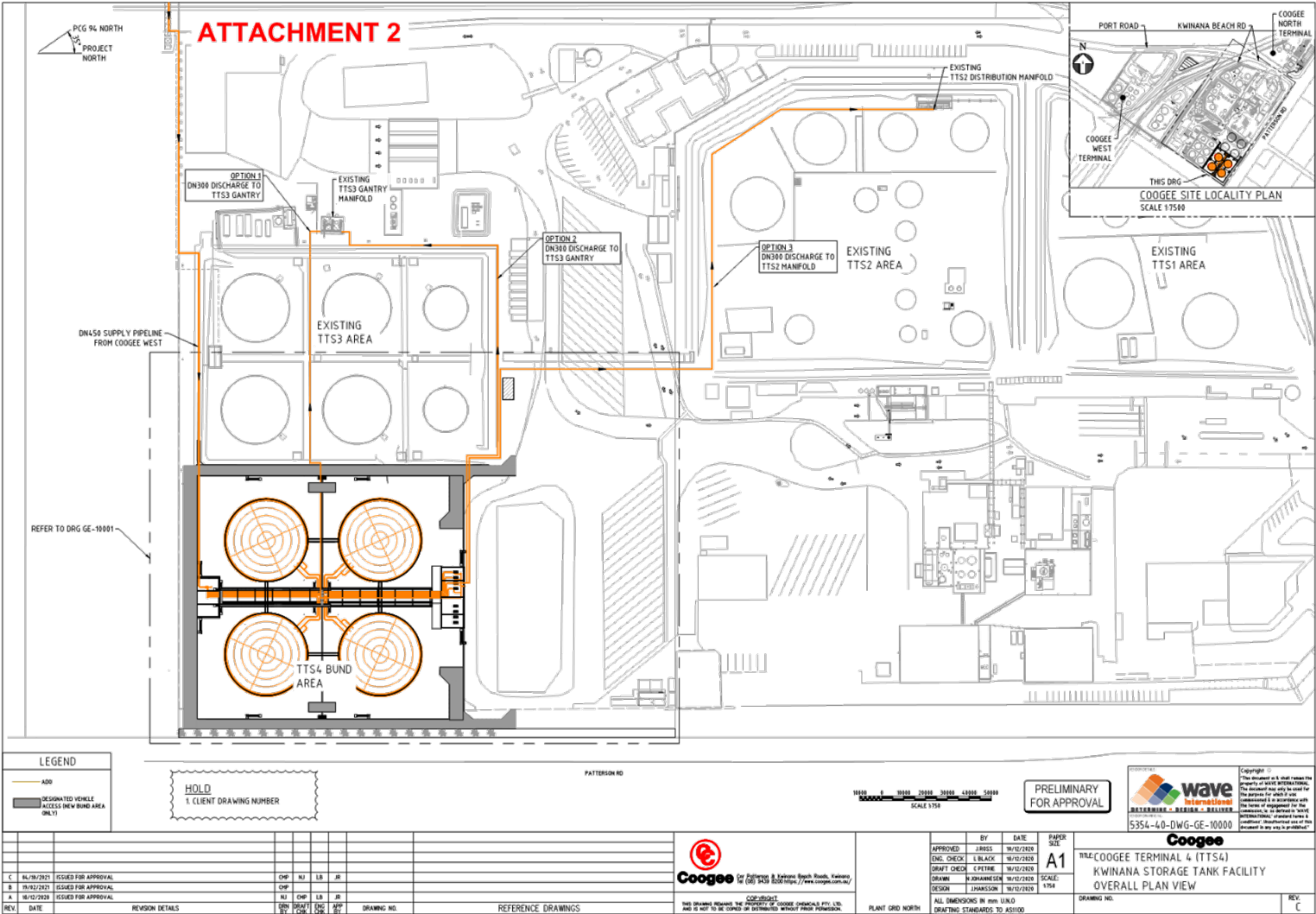
Officer Recommendation

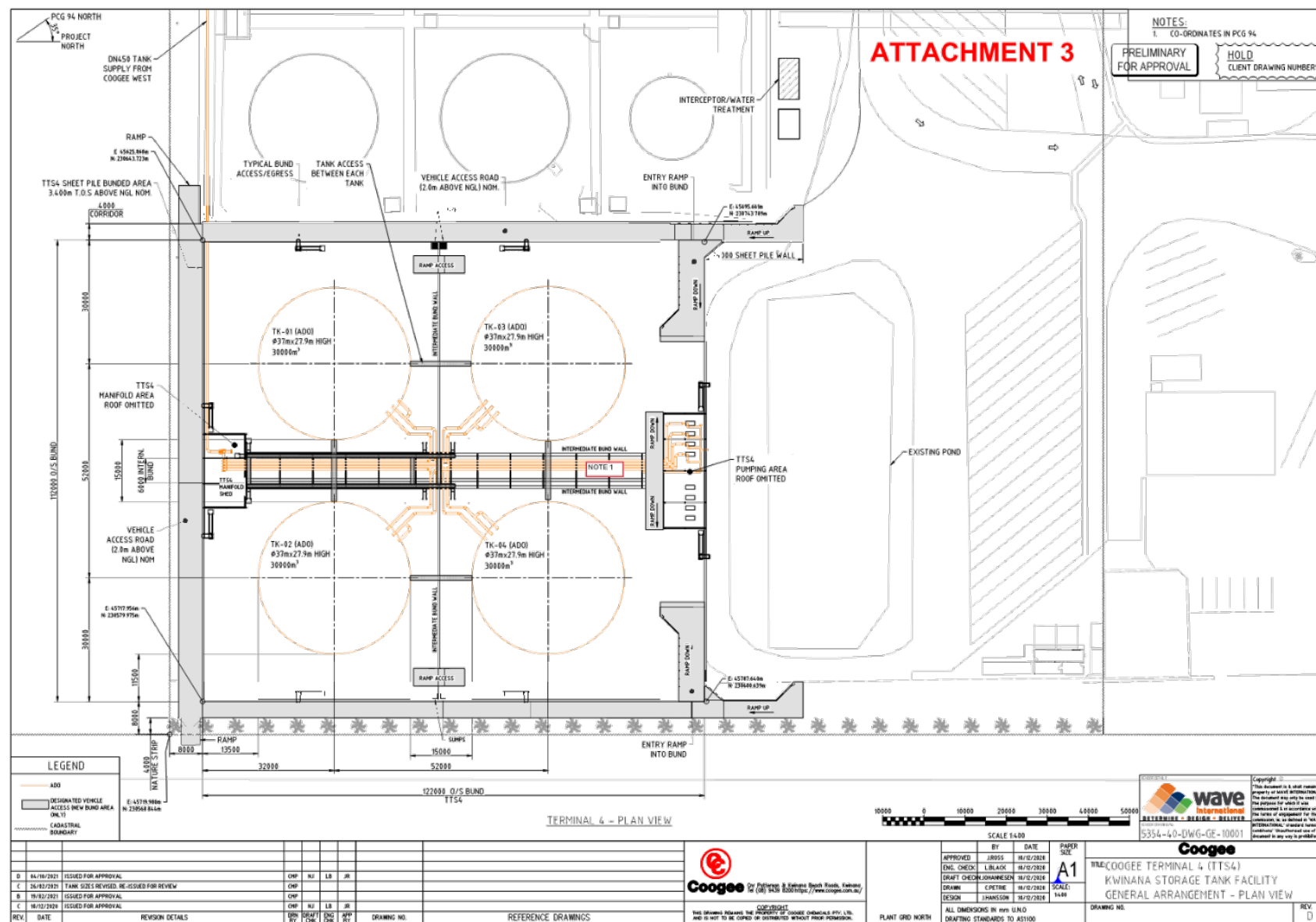
This section is to be completed where the Officer Recommendation is different to Council's recommendation (the 'Responsible Authority Recommendation').

Reasons for Officer Recommendation

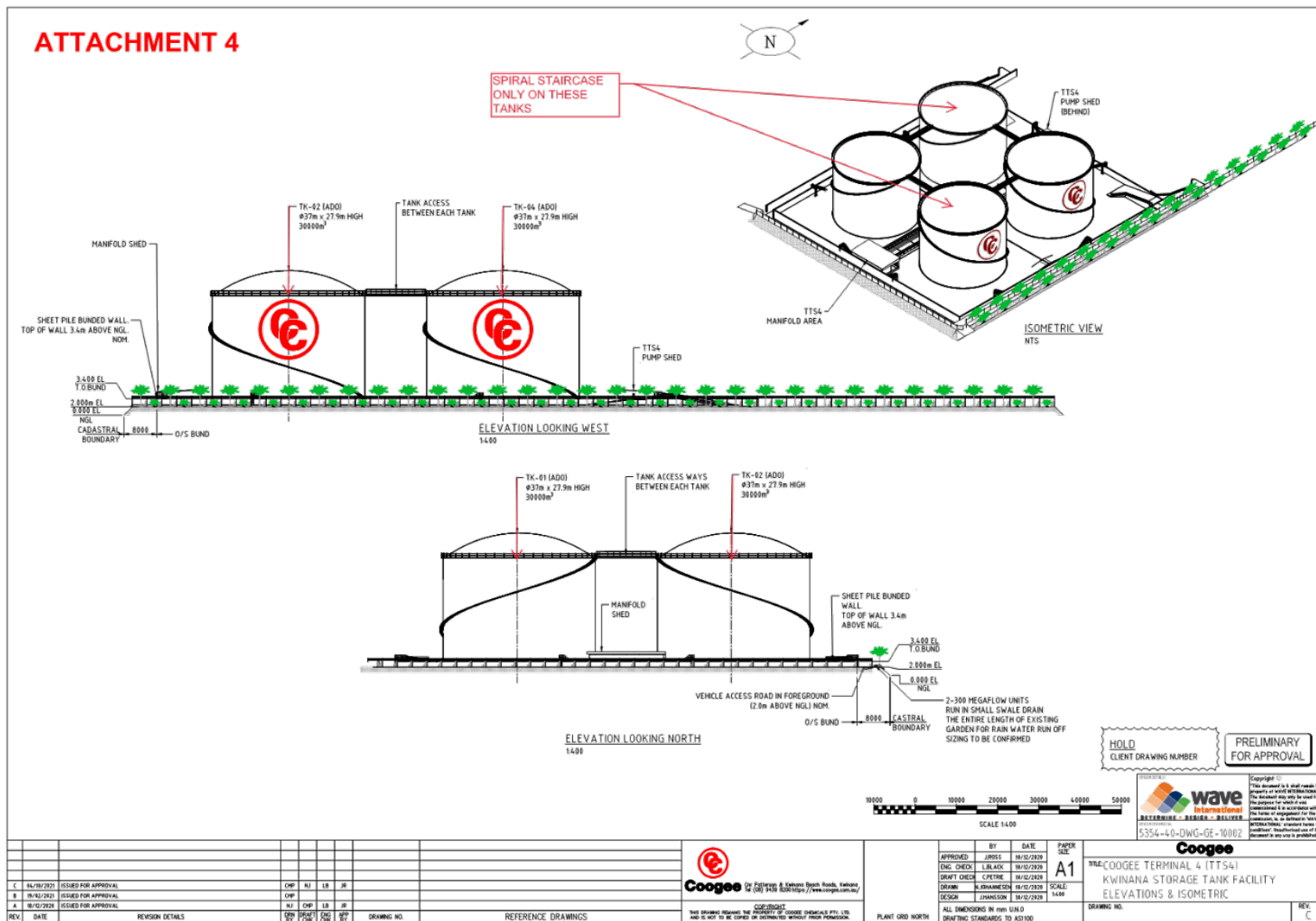
This section is to be completed where the Officer Recommendation is different to Council's recommendation (the 'Responsible Authority Recommendation').

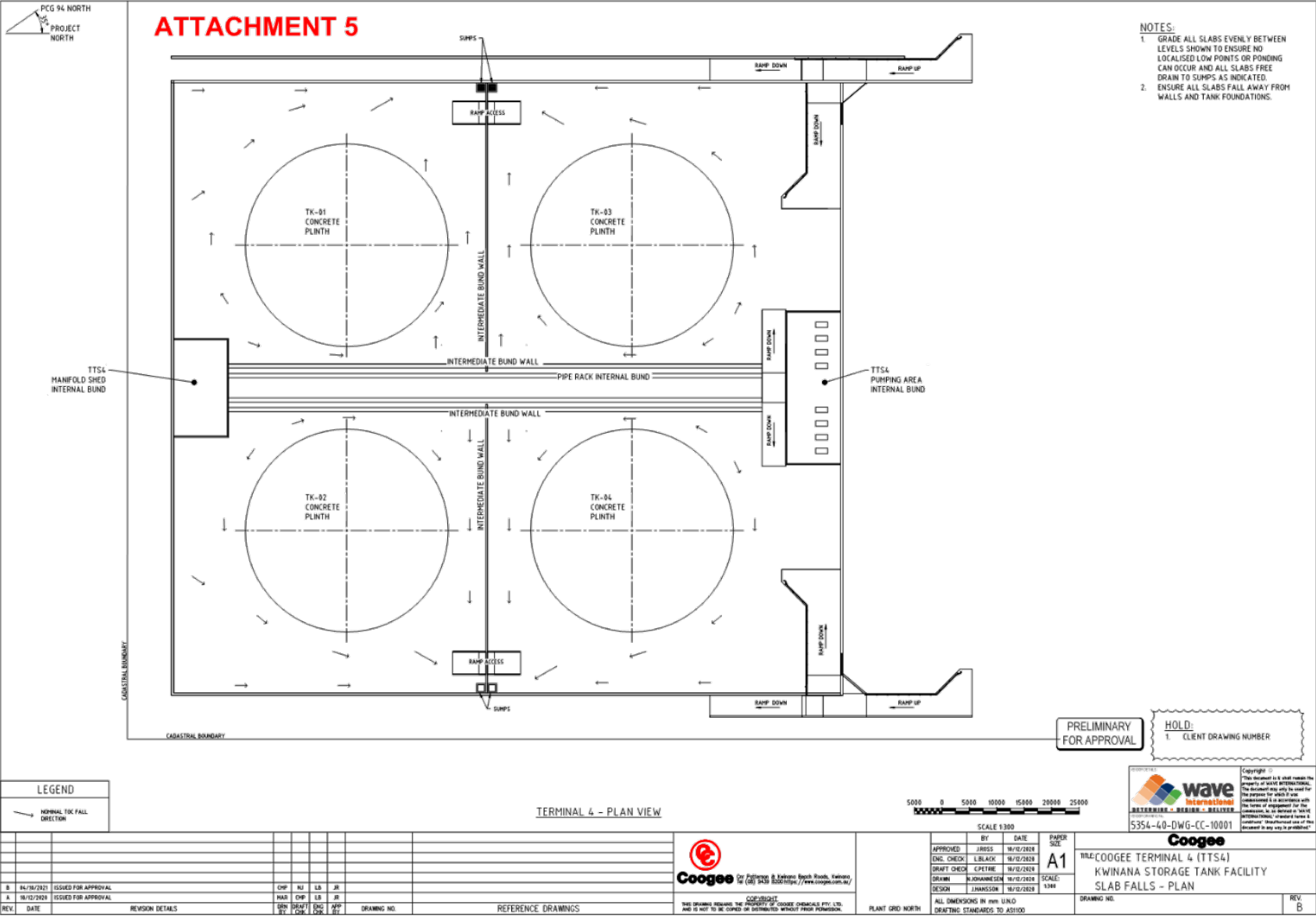


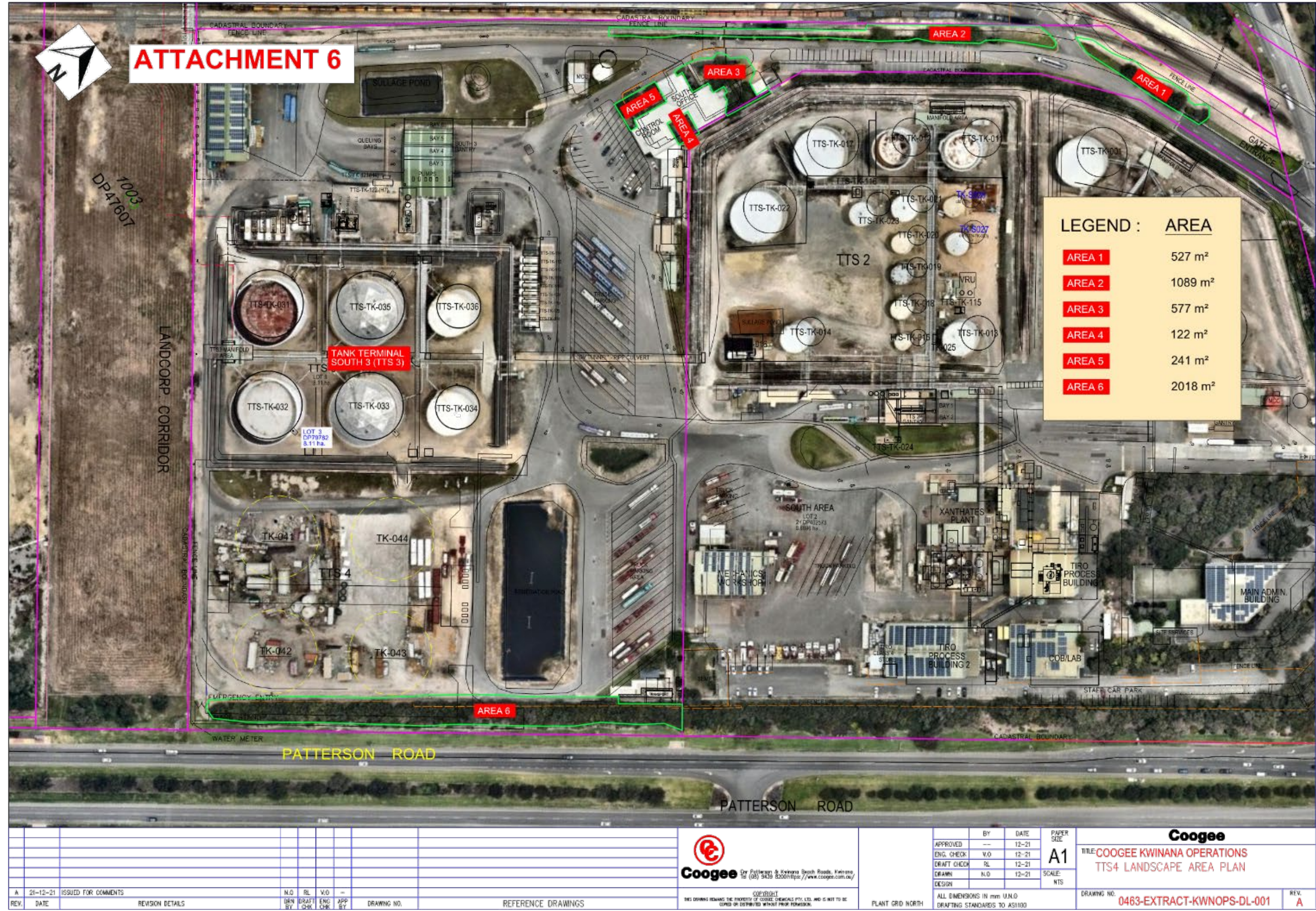




ATTACHMENT 4







**Coogee****ATTACHMENT 7**

Coogee Chemicals Pty Ltd

ABN 37 008 747 500

**COOGEE SOUTH 4 TANK TERMINAL STORMWATER
MANAGEMENT PLAN****PREMISE DETAILS****LICENSEE AND OCCUPIER**

Name Coogee Chemicals Pty Ltd
PO Box 5051
Rockingham Beach Road, Kwinana, WA, 6969

ABN: 008 747 500

PREMISES

Name: Coogee Chemicals Pty Ltd
Lot 3 on Diagram 79782
Corner of Rockingham Beach and Patterson Roads.
Kwinana, WA, 6167

1. INTRODUCTION

Coogee Chemicals Pty Ltd (Coogee) is an Australian owned company that produces a wide range of industrial, agricultural and mineral processing chemicals for supply to both Australian and international markets.

Coogee Chemicals Kwinana operations is located on a coastal plain, zoned for industrial use under planning scheme No. 2. Coogee Chemicals is a prescribe premises category from Schedule 1 of the Environmental Protection Regulations 1987 operating under Department of Water Environmental Regulation (DWER) Licence number L5109/1990/13 FILE NUMBER: DEC5802/2

2. DESCRIPTION OF PROCESS/PROPOSAL

Coogee Chemicals plans to construct a new 120 ML hydrocarbon storage and handling tank terminal. The purpose of this project is to construct and commission four tanks (30 ML each) to receive, store and distribute bulk liquid fuels to meet customer and industry demands. The tanks will be constructed to the requirements of API 650 Welded Steel Tanks for Oil Storage. The proposed facility location can be found in Appendix A; located on a cleared section of Lot 3; land owned by Coogee Chemicals.

The Construction Site is adjacent to the existing facility (South 3 Tank Terminal) at Lot 3, Kwinana Beach Road, Kwinana Beach; on Diagram 79782; Volume /Folio 1909/130.

Cnr Patterson & Kwinana Beach Roads, KWINANA BEACH WA 6167
PO Box 5051, ROCKINGHAM BEACH WA 6969 | (08) 9439 8200 | www.coogee.com.au

CAPABILITY & COMMITMENT

The construction work includes the following:

- Bulk earthworks;
- Concrete bunding work;
- On site Tank construction;
- Service Testing in Accordance with API 650 for settlement checks;
- Mechanical & Piping General work;
- Electrical and Instrument work and other.

3. STORMWATER MANAGEMENT DURING CONSTRUCTION

During the construction stage direct or intentional water discharges from the project are not anticipated. However, during a heavy rain event the site is expected to accumulate storm water and this water will be dealt with care as per Table 1 below:

Table 1: Storm Water Management – Terminal Construction

Activity	Hazard	Controls	Preventative maintenance
Initial Bulk Earth work	Storm Water	Grade the earth so that there is no runoff to adjacent sites. Water that accumulates in the stockpile area will be soaked into the ground. Site not contaminated therefore no impacts identified	Civil contractor to ensure storm water pooling is directed within site to an area that does not risk erosion or undermining of existing/ new infrastructure.
Final Earth work and compaction	Storm Water	Rain water will infiltrate slowly without impact to any foundations. If any excess water accumulates in the TTS4 site profiled low points it shall be tested in accordance with Coogee procedure WAO-HSEQ-PRO 1400 prior to being discharged to Infiltration Area 1 shown in Figure 1 below. Infiltration Areas 2 and 3 can be used if there is spare capacity in these collection sumps. Waste water shall be disposed offsite utilising established disposal Contractors.	Civil contractor to ensure storm water pooling is directed within site to an area that does not risk erosion or undermining of existing/ new infrastructure.
Concrete Bund work	Storm Water, Waste Water	Rain water that accumulates in the new TTS4 sumps/new bund floor areas it shall be tested in accordance with Coogee procedure WAO-HSEQ-PRO 1400 prior to being discharged to Infiltration Area 1 shown in Figure 1 below. Infiltration Areas 2 and 3 can be used if there is spare capacity in these collection sumps. Waste water shall be disposed offsite utilising established disposal Contractors.	Civil contractor to ensure storm water pooling is directed within site to an area that does not risk erosion or undermining of existing/ new infrastructure.
Detail Tank Construction work	Storm Water, Waste Water	Rain water that accumulates in the new TTS4 tanks prior to the installation of the roofs shall be tested in accordance with Coogee procedure WAO-HSEQ-PRO 1400 prior to being discharged to Infiltration Area 1 shown in Figure 1	Civil contractor to ensure storm water pooling is directed within site to an area that does not risk erosion or undermining of existing/ new infrastructure.

Activity	Hazard	Controls	Preventative maintenance
		below. Infiltration Areas 2 and 3 can be used if there is spare capacity in these collection sumps. Waste water shall be disposed offsite utilising established disposal Contractors.	

Infiltration (Storm Water Diversion) Areas

There are designated infiltration areas adjacent to the construction site.

They are designated as follows. Refer to Figure 1:

- **Infiltration Area 1:** This is the primary storm water diversion area. Currently this area contains a garden bed that shall be removed and the area designed/modified to receive and dispose of storm water via ground soakage within the Eastern cadastral boundary of Lot 3 to accommodate the new infrastructure;
- **Infiltration Area 2:** This is one of two secondary storm water diversion areas only to be used if there is spare capacity following a rain event. This area is located on the South Eastern corner of Lot 2 and is designed to collect stormwater from adjacent hardstand areas;
- **Infiltration Area 3:** This is the second of two secondary storm water diversion areas only to be used if there is spare capacity following a rain event. This area is located in the middle of the lot 3 limestone layered infiltration area.

Figure 1



During the project work there is no extraction of groundwater proposed. Construction work shall be conducted such that it will not impact the quality of the groundwater table.

All areas outside of the construction zone have established storm water sumps and/or soak well(s).

The table below outlines the discharge criteria of collected non-process water to land specified in the Coogee Licence. The testing and verification process for all Coogee Kwinana Operations collected non-process water is detailed in the Coogee procedure Stormwater Management Plan Kwinana Site document number WAO-HSEQ-PRO-1400.

2.2.6 The Licensee may discharge collected non-process water to land within the premises if this water is tested prior to discharge and deemed compliant with the discharge criteria in Table 2.2.6.

Table 2.2.6: Discharge criteria of collected non-process water to land	
Parameter	Licensee's current discharge limit
Conductivity	< 3000 µS/cm
Temperature	15 – 25 °C
pH	4 – 10
Odour	Mkt
TPH	< 1 ppm
Appearance	< 50

4. STORMWATER MANAGEMENT DURING OPERATION STAGE

The following section identifies the stormwater management infrastructure and management strategies once TTS4 is commissioned and operational. This information will be included in the existing control document Stormwater Management Plan Kwinana Site WAO-HSEQ-PRO-1400.

Storage Tanks Main Concrete Bund

Each tank will be fitted with self-supporting aluminium geodesic domes. Roof water shall be collected for each tank within intermediate concrete bunds.

Foundations for the storage tanks shall consist of a reinforced concrete beam complete with a fully sealed HDPE lined underfloor leak detection system to prevent contamination of the groundwater.

The terminal concrete bunded area will provide sufficient capacity as required by AS1940 in the advent there is loss of containment from an entire tank. It will therefore be more than adequate to collect storm water from an extreme rain event. This will provide storage for stormwater until the water is tested and disposed of appropriately.

Each intermediate bund shall have a sump complete with two independent pumping systems that can only be initiated manually. One system shall be used to dispose of clean storm water to grade at Infiltration Area 1. The other system shall be plumbed to an existing waste water management system (WWMS).

The WWMS capacity shall be checked during the detail design stage of TTS4.

Environmental

The tanks on completion shall be service tested in accordance with API 650 therefore no hydrotest water usage and disposal will be included in the scope of work.

Tank Water Discharge

Water draw offs from storage tanks will be carried out by approved personnel from an 80nb valve connection point. Water will be drained into a tundish beneath the draw off point which will be connected to a subsurface drainage system which will direct the water to a sump which will be regularly emptied into the oil/water separator storage vessel. Potential leak points within the terminal such as pumps and, valves pads will be individually banded, roofed and connected to this gravity drainage system.

Table 2: Stormwater Management - Terminal Operation

Activity area	Hazard	Controls	Preventative maintenance
Tanks Intermediate Bunds, Sumps	Rain Water, Waste Water	Rain water that accumulates in these areas shall be tested in accordance with Coogee procedure WAO-HSEQ-PRO 1400 prior to being discharged to Infiltration Area 1 shown in Figure 1. Waste water shall be disposed offsite utilising established disposal Contractors.	Periodic inspection to ensure bunds are clean and in good condition with minimal debris. Any hydrocarbon spills discharged to WWMS and bund floor cleaned using spill kits.
Terminal Inlet/ Outlet Manifold Bunds, Sumps	Rain Water, Waste Water	Rain water that accumulates in these areas shall be tested in accordance with Coogee procedure WAO-HSEQ-PRO 1400 prior to being discharged to Infiltration Area 1 shown in Figure 1. Waste water shall be disposed offsite utilising established disposal Contractors.	Periodic inspection to ensure bunds are clean and in good condition with minimal debris. Any hydrocarbon spills discharged to WWMS and bund floor cleaned using spill kits.
Roadways	Rain Water	Diverted to stormwater Infiltration Area 1	Periodic inspection to ensure stormwater infrastructure is in good condition with minimal debris that can cause blockages.

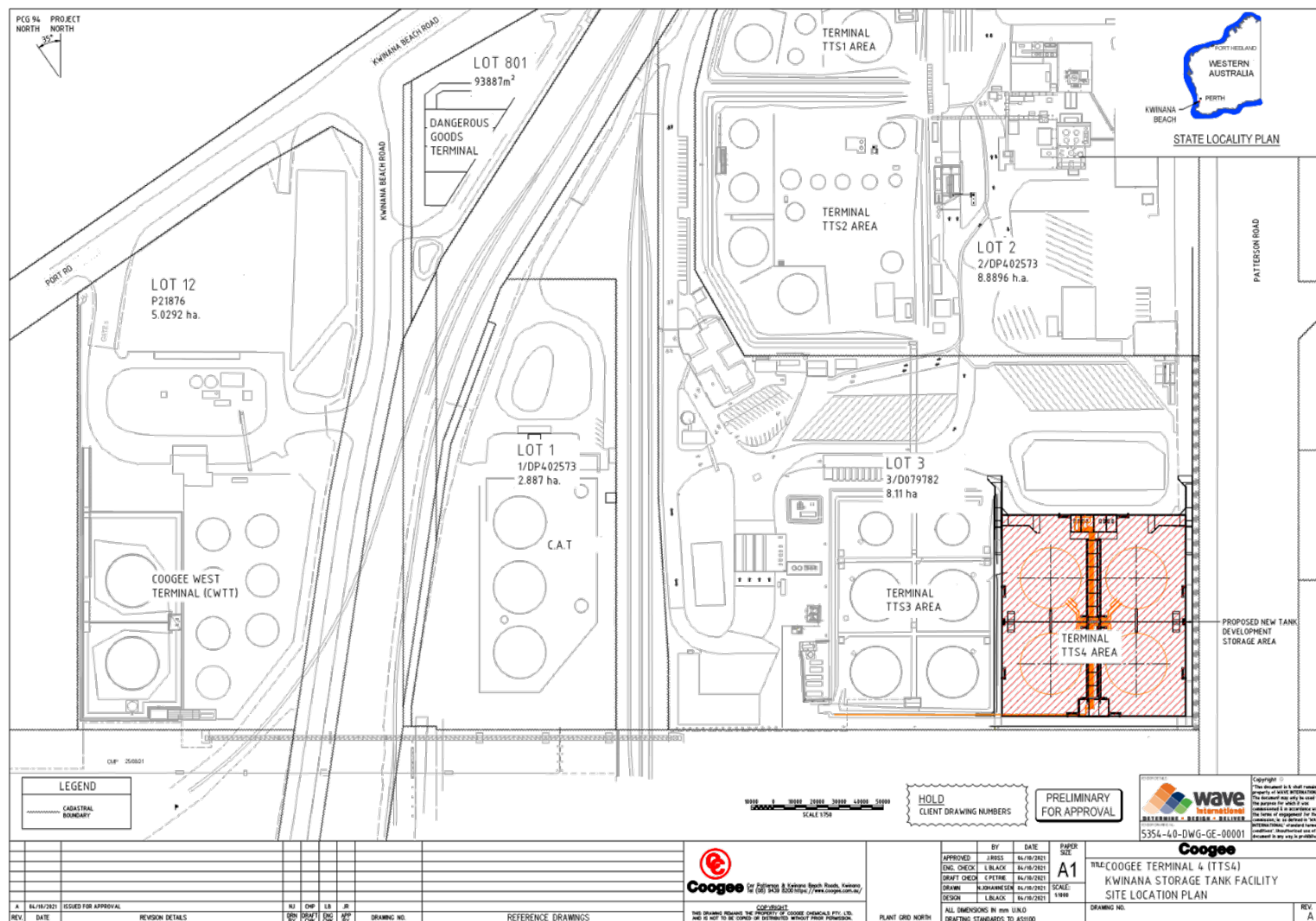


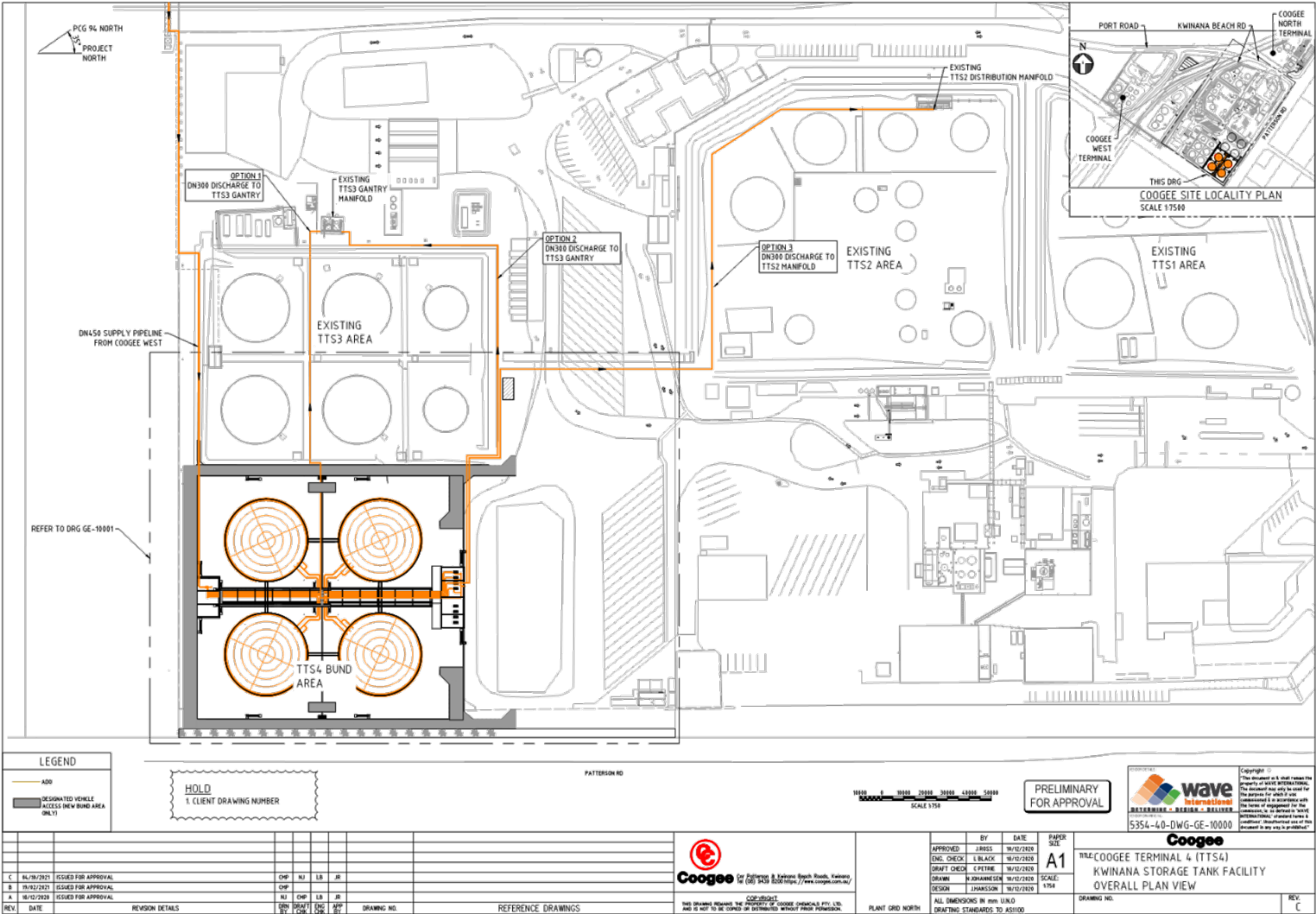
Coogee Chemicals Pty Ltd
ABN 37 008 747 500

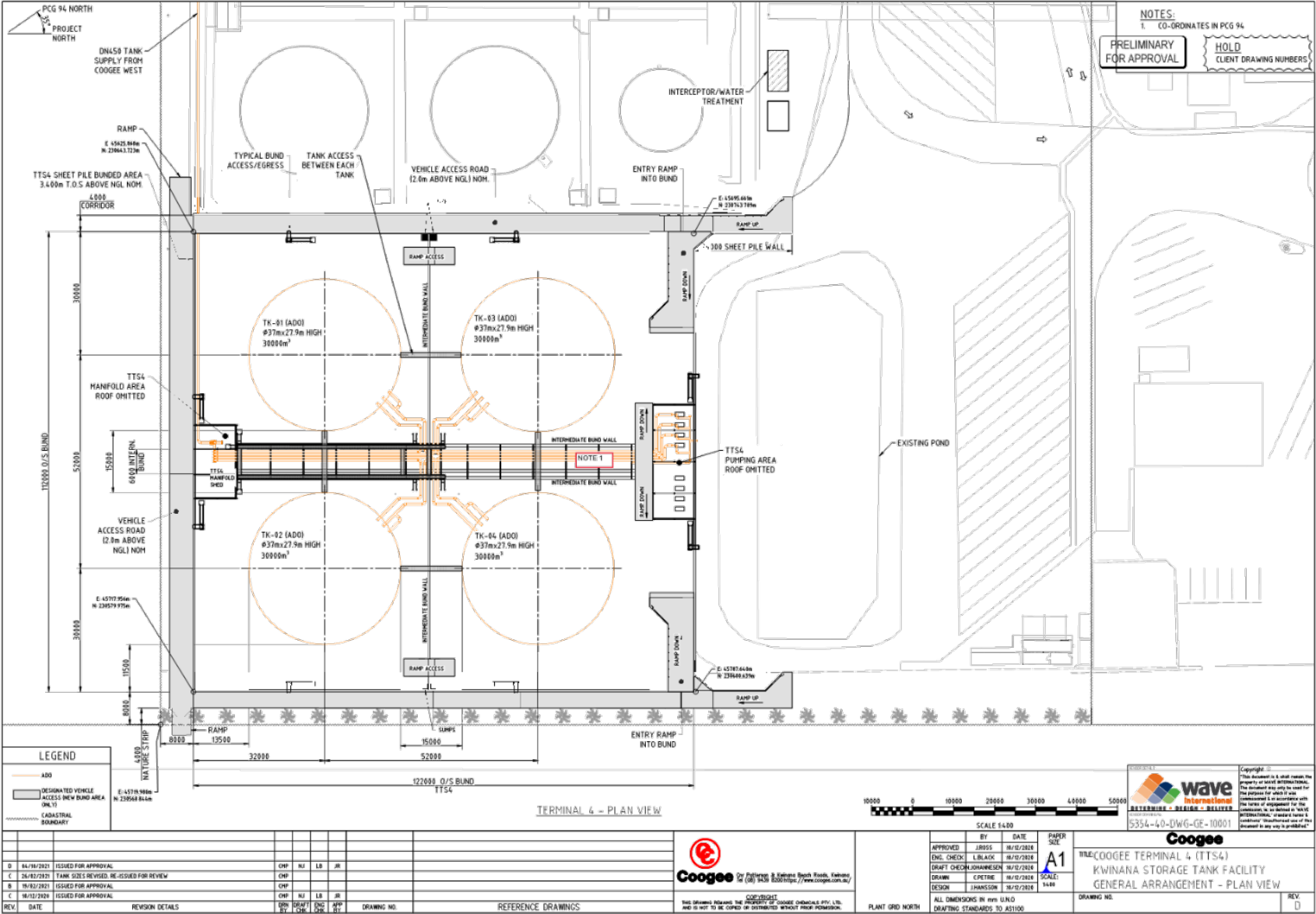
Appendix A: Site Plans

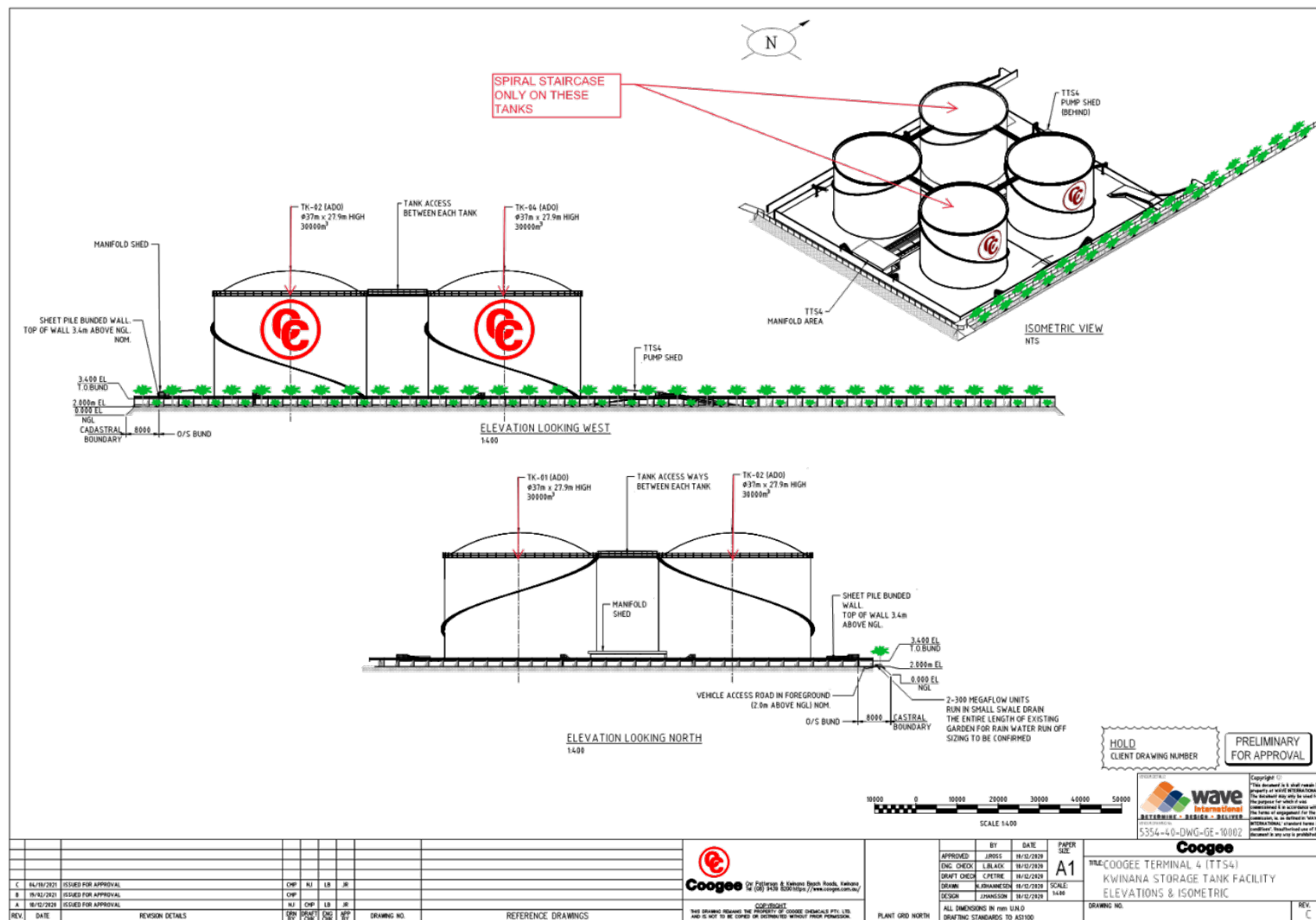
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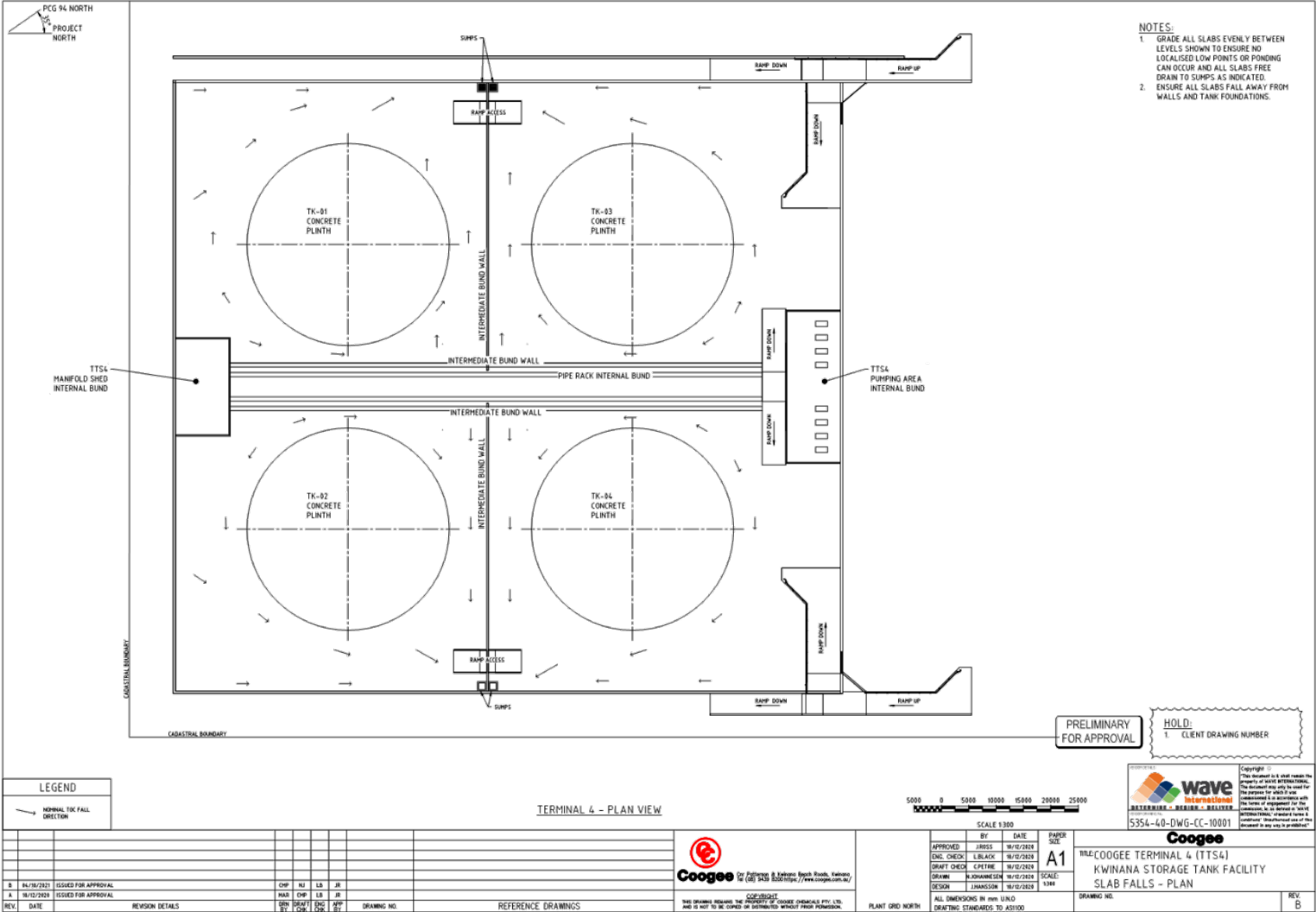
CAPABILITY & COMMITMENT











ATTACHMENT 8



Report on DUST MANAGEMENT PLAN PROPOSED DIESEL STORAGE TANKS COOGEE TERMINAL 4 (TTS4) COOGEE CHEMICALS, KWINANA

Submitted to:

Coogee Chemicals
Corner Patterson & Kwinana Beach Roads
KWINANA BEACH WA 6167

J1901277 007 R Rev2

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11 February 2022

J1901277 007 R Rev2
11 February 2022



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APPENDIX B: UNDERSTANDING YOUR REPORT

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1. INTRODUCTION

This report presents Galt Environmental Pty Ltd's (Galt's) dust management plan (DMP) for the proposed diesel storage tanks located at Coogee Chemicals South Tank Terminal 4 – TTS4 ("the Site"). The location of the site relative to the surrounding area is shown on Figure 1.

2. SITE DESCRIPTION AND PROPOSED DEVELOPMENT

Supplied information indicates a 120 ML diesel storage facility is to be constructed at TTS4 comprising:

- ✦ 4 no. 30 ML "cone-down" diesel storage tanks (37 m diameter x 27.9 m shell height), SG=0.85;
- ✦ concrete bund walls and floors;
- ✦ pipe racks and associated supports;
- ✦ pump station and structure; and
- ✦ manifold station and structure.

The Site currently consists of hardstand and general storage/laydown (old tanks, sea containers etc.). Publicly available information indicates that the current site surface level is around RL 5 m AHD.

It is expected development of the TTS4 facility will comprise bulk earthworks to prepare a suitable pad for the tanks and trenches/excavations for the associated pipework and infrastructure.

3. PREVIOUS STUDIES

Galt has previously undertaken an environmental (and geotechnical¹) investigation at TTS4 to characterise sub-surface soil and groundwater conditions prior to construction. The findings of the previous investigation are presented in Galt Environmental (2021) *Geotechnical and Environmental Assessment, Proposed Diesel Storage Tanks, Coogee Terminal 4 (TTS4), Coogee Chemicals, Kwinana*. (Ref: J1901277 006 R Rev0 dated 21 December 2021).

The specified environmental objectives of the study were to:

- ✦ assess subsurface soil conditions;
- ✦ assess groundwater across the site; and
- ✦ advise on contaminated soil conditions within the footprint of the works.

Fieldwork was carried out between 6 and 8 December 2021 and comprised:

- ✦ drilling of boreholes at 8 locations (BH01-BH08) extending to a depth of 3 m in each instance; and
- ✦ collection of representative soils samples for inspection and laboratory testing.

The subsurface conditions at TTS4 can be summarised as comprising:

- ✦ FILL: SAND (SP) – fine to coarse medium grained, sub-angular to sub-rounded, brown, trace to with gravel, trace fines, dry, dense, present to a maximum depth of around 0.5 m; overlying
- ✦ SAND (SP) – fine to coarse grained, sub-angular to sub-rounded, pale yellow to brown, trace fines, trace gravel, moist becoming wet with depth, typically dense with loose zones; overlying
- ✦ Inferred LIMESTONE.

Note: Subsurface conditions were interpreted using borehole and CPT data.

¹ Geotechnical scope and findings have been omitted from this summary.

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During the investigation, groundwater was encountered at depths of between 1.8 m and 2.5 m (i.e., at an elevation of around RL 3 m AHD).

Selected soil samples were analysed by NATA accredited laboratories for the following contaminants of potential concern (COPC):

- ✦ heavy metals (including leachate);
- ✦ total recoverable hydrocarbons (TRH);
- ✦ benzene, toluene, ethylbenzene, xylenes and naphthalene (BTEXN);
- ✦ phenols; and
- ✦ asbestos.

Based on the findings of the environmental study, it was concluded unlikely that soil presents a risk to human health or the environment in context of the land use at the site.

4. PROJECT OBJECTIVES

The objectives of the DMP are as follows:

- ✦ facilitate construction of the diesel storage facility in accordance with relevant air quality guidelines (see section 6.1);
- ✦ implement dust control measures during construction commensurate with the nature of the site and prevailing Perth weather conditions;
- ✦ ensure dust control measures are protective of environmental and human health values (both on and off-site receptors); and
- ✦ validate the effectiveness of dust control measure in accordance with the relevant air quality guidelines.

5. SENSITIVE RECEPTORS

The Coogee Chemicals facility is located in the Kwinana Heavy Industrial Area and is surrounded by industrial facilities/operations on all boundaries. The majority of these surrounding facilities are located less than 100 m downwind of prevailing summer and winter wind conditions. There are no sensitive environmental receptors adjacent to the site.

A summary of prevailing wind conditions are presented in section 6.3.

6. AIR QUALITY MANAGEMENT

6.1 Legislative and Regulatory Requirements

The air emissions management strategy has been developed in accordance with the following guideline document.

- ✦ Department of Environment and Conservation (DEC) (2011) *Guideline for Managing the Impacts of Dust and Associated Contaminants from Land Development Sites, Contaminated Site Remediation and other Related Activities*.

6.2 Assessment Criteria

Dust monitoring targets to be adopted during the works are outlined in Table 1. Monitoring will be undertaken on a daily basis during the site works and should be done so at standardised intervals for comparative purposes (i.e. 09:00 and 15:00).

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A fundamental qualitative performance standard will be the requirement for no visible dust to be noted crossing the development site boundary.

Table 1: Dust Management Targets

Media	Measured By	Target
Visible dust particles	Visual Observation	None observed

6.3 Wind Speed and Direction

Prevailing wind direction and speeds are summarised in Table 2, utilising publicly available Bureau of Meteorology (BOM) records (1944 to 2019) for the Perth Airport weather station, located approximately 45km northeast of the Site. Wind Roses are presented in Appendix A.

Table 2: Prevailing Wind Speed and Direction

Season	Time	Prevailing Wind Direction	Predominant Wind Speeds (km/h)	Comment
Summer	9 am	East	>=20 and <30	Conditions are classified as 'calm', 5% of the seasonal average
	3 pm	Southwest	>=20 and <30	Conditions are classified as 'calm', 1% of the seasonal average
Winter	9 am	Northeast	>=0 and <10	Conditions are classified as 'calm', 18% of the seasonal average
	3 pm	West	>=10 and <20	Conditions are classified as 'calm', 7% of the seasonal average

Visual dust monitoring locations should be selected based on the prevailing wind directions above to ensure minimisation of dust generation to all downwind receptors.

6.4 Monitoring Methodology

6.4.1 Dust Monitoring

Dust monitoring will be undertaken daily at standardised intervals during all ground disturbing works at the site.

In the event that visible dust is being generated by earthworks, the following process will follow:

1. The Construction Contractor will be advised, and all works will temporarily cease.
2. A review of the control measures and site operations will be undertaken, and works will not be permitted to resume until the source of the exceedance is satisfactorily identified and mitigated.
3. All exceedances will be documented, and the Principal will be advised immediately of any exceedances.

A detailed breakdown of roles and responsibilities is presented in section 8.

6.5 Monitoring Locations

The following locations are recommended visual dust monitoring locations based on prevailing wind directions.

Summer Construction:

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- ✦ Location A: west-southwest easement of the proposed TTS4 facility;
- ✦ Location B: northeast corner of the site (i.e. adjacent Patterson Road); and
- ✦ Location C: located to the west of the proposed TTS4 facility.

Winter Construction

- ✦ Location (D): west-southwest easement of the proposed TTS4 facility;
- ✦ Location (E): eastern boundary of the site (i.e. adjacent Patterson Road); and
- ✦ Location (F) located to the north of the proposed TTS4 facility.

The locations proposed above are applicable based on the proposed construction schedule and should be considered dynamic (i.e. may require adjustment based on construction activities across the site).

Dust monitoring locations are shown in Figure 1 (demarcated by letter as indicated above).

6.6 Dust Management and Mitigation Controls

The proposed construction schedule is not known at this stage, however, works should ideally be undertaken in the winter (or wetter) months when dry and windy conditions are at a minimum. Dust management controls will include the following:

- ✦ the site should be wet down² with a water cart at an interval deemed appropriate by the contractor and/or principal (i.e. based on visual observations of soil moisture condition);
- ✦ all internal access tracks will be wetted with a water cart if visible dust is noted;
- ✦ application of DustEx (or a similar soil stabiliser) on loose earth stockpiles to reduce windblown dust; and
- ✦ a cover will be placed on trucks importing/exporting material (if applicable) to ensure no dust is generated during transport.

Further mitigation measures that will be implemented across the site in the event excessive dust and/or exceedances are identified are outlined in Table 3.

Table 3: Mitigation Measures

Trigger for Action	Mitigation Measure
Visual observation of dust generation by Coogee site personnel and/or the Construction Contractor	<ul style="list-style-type: none"> ✦ Advise the Construction Contractor ✦ Advise the Principal's Site Supervisor ✦ Cease works until the determination of the cause of the exceedance is identified and wait to recommence when wind conditions improve ✦ Increase dust management measures (water cart and wetting the site)
A dust complaint is received	<ul style="list-style-type: none"> ✦ Increase dust management controls (water cart and wetting the site) ✦ Advise the Principal's Site Supervisor ✦ Investigate the reason for the complaint ✦ Cease works until the determination of the cause of the exceedance is identified

² If undertaken during the winter months this may not be required.

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6.7 General Requirements

The Construction Contractor will be responsible for the following:

- ✦ Appropriate management of potential dust-generating activities and undertaking regular inspections of the works to assess the effectiveness of dust control measures. Where the nature of the works or weather conditions is conducive to dust formation, additional dust mitigation controls should be implemented.
- ✦ A water cart(s) must be available for the duration of the site works, particularly during bulk earthworks and times of increased vehicle truck movements.
- ✦ Water carts must be used to minimise dust emissions in dry or windy conditions but not in a manner that could cause surface runoff.
- ✦ A suitable quantity of DustEx (or similar soil stabiliser) will be available at the site commensurate with the proposed earthworks.
- ✦ Appropriate speed limits will be imposed on internal access tracks to reduce dust generation (to be enforced by the construction contractor).
- ✦ Internal tracks/roads (both sealed and unsealed) will be wetted down to minimise dust generation in transport areas. Water will be applied to the access tracks/internal roads prior to each day or activity. Additional water will be applied to the tracks/roads throughout the day, as required.
- ✦ Any complaint from a member of the public relating to dust emissions from the Site should be managed in accordance with the following protocol:
 - A visual inspection of the Site will be made within 30 minutes of receipt of the complaint in normal working hours and four hours out of normal working hours.
 - Where the complaint is substantiated, the work activity contributing to the complaint/s will cease immediately until additional dust mitigation controls have been implemented or weather conditions improve (e.g. reduction in wind speed or change in wind direction) to the extent that dust emissions are not excessive.
 - A register of complaints should be kept on file and include all relevant information (including complainant details and location, nature of complaint, weather conditions at the time and verified site photos demonstrating adequate controls (or otherwise) at the time of the complaint).
 - Where it is determined that unacceptable air emissions are being generated, work will cease immediately until the source of the emissions is contained/ameliorated satisfactorily.
 - Internal reporting of incidents and exceedances will be undertaken whenever unacceptable air emissions are being generated.

6.8 Performance Standards

7. REPORTING

The progress and management of Site works will be reviewed by the Principal's Site Supervisor and Environmental Representative on a weekly basis and will include:

- ✦ a review of incidents/complaints, incident investigation outcomes and proposed actions for mitigation of related potential environmental impacts;
- ✦ compliance of the site works with established performance standards; and
- ✦ dust and air quality results.

8. ROLES AND RESPONSIBILITIES

The roles and responsibilities for the remedial works are outlined in below.

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Table 4: Roles and Responsibilities

Role	Who	Responsibility	Reporting
Principal	Coogee Chemicals	✦ Engage construction contractor and provide DMP for implementation	-
Principals Site Supervisor	Justin Sirrell/Dave Lightowler	<ul style="list-style-type: none"> ✦ Manage earthworks program ✦ Oversee construction contractor's implementation of DMP ✦ Keep daily site records/diary ✦ Document all monitoring works ✦ Manage data and provide feedback to Principal 	Principal
Construction Contractor	SVG Construction Pty Ltd / RC Construction Pty Ltd	✦ Implement dust mitigation measures and controls	Principal's Site Supervisor
Environmental Consultant	Galt Environmental	<ul style="list-style-type: none"> ✦ Prepare DMP ✦ Liaison with Principal 	Principal's Site Supervisor

9. LIMITATIONS

We draw your attention to Appendix G of this report, "Understanding Your Report". The information provided within is intended to inform you as to what your realistic expectations of this report should be. This information is provided not to reduce the level of responsibility accepted by Galt, but to ensure that all parties who rely on this report are aware of the responsibilities each assumes in so doing.

10. CLOSURE

We trust this information meets your needs at this time. Please feel free to contact the undersigned if you require any further information.

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GALT ENVIRONMENTAL PTY LTD

A handwritten signature in black ink, appearing to read "Brad Palmer", written over a light grey grid background.

Brad Palmer
Environmental Scientist

A handwritten signature in black ink, appearing to read "Michael Carmichael", written over a light grey grid background.

Michael Carmichael
Environmental Scientist

O:\Jobs\2019\J1901277 - Coogee Chemicals SI Kwinana Beach Rd Kwinana\03 Correspondence\J1901277 007 R Rev2.docx

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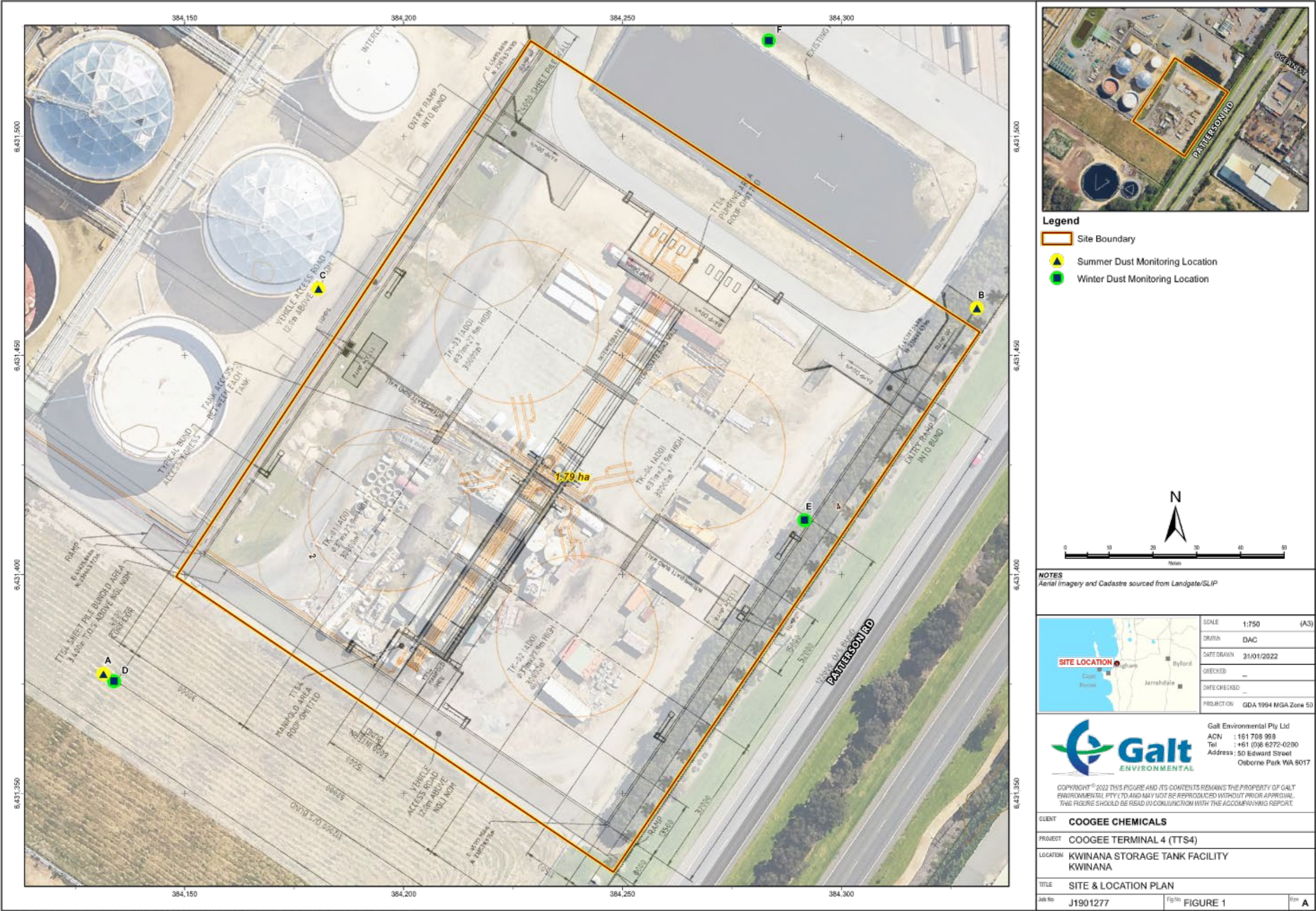


Figures

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Appendix A: Bureau of Meteorology Wind Roses

Rose of Wind direction versus Wind speed in km/h (01 May 1944 to 09 Aug 2019)

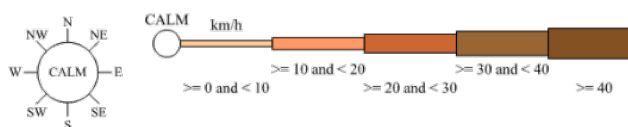
Custom times selected, refer to attached note for details

PERTH AIRPORT

Site No: 009021 • Opened Jan 1944 • Still Open • Latitude: -31.9275° • Longitude: 115.9764° • Elevation 15.m

An asterisk (*) indicates that calm is less than 0.5%.

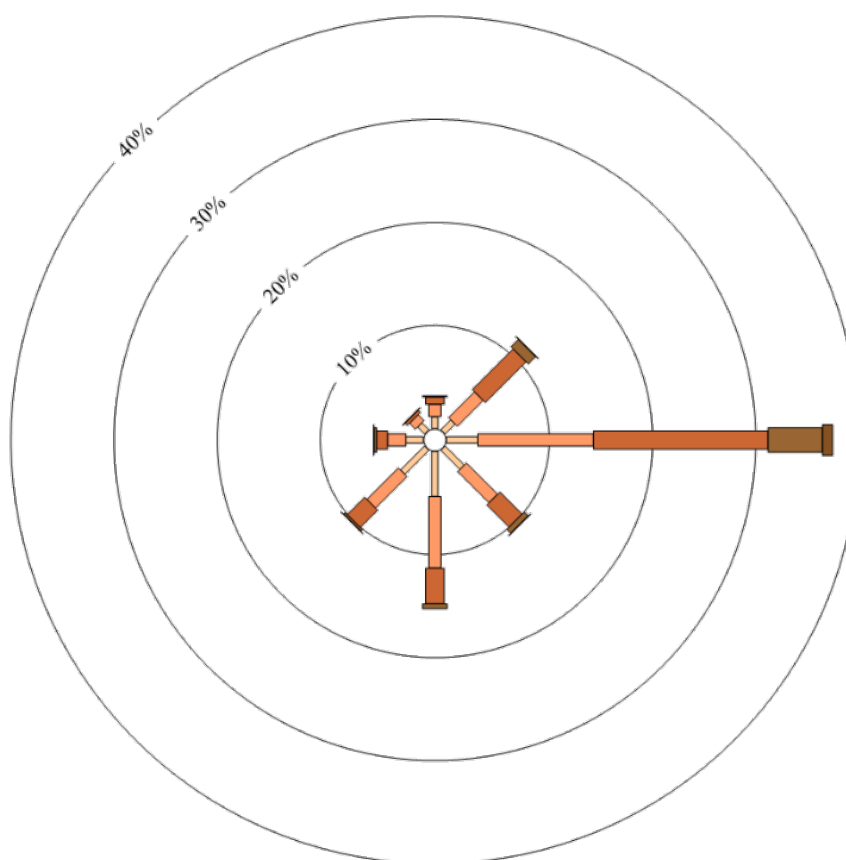
Other important info about this analysis is available in the accompanying notes.



9 am Summer

6765 Total Observations

Calm 5%



Rose of Wind direction versus Wind speed in km/h (01 May 1944 to 09 Aug 2019)

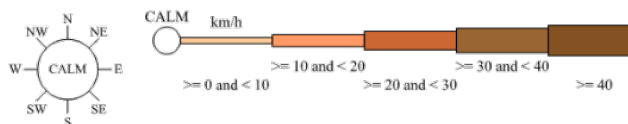
Custom times selected, refer to attached note for details

PERTH AIRPORT

Site No: 009021 • Opened Jan 1944 • Still Open • Latitude: -31.9275° • Longitude: 115.9764° • Elevation 15.m

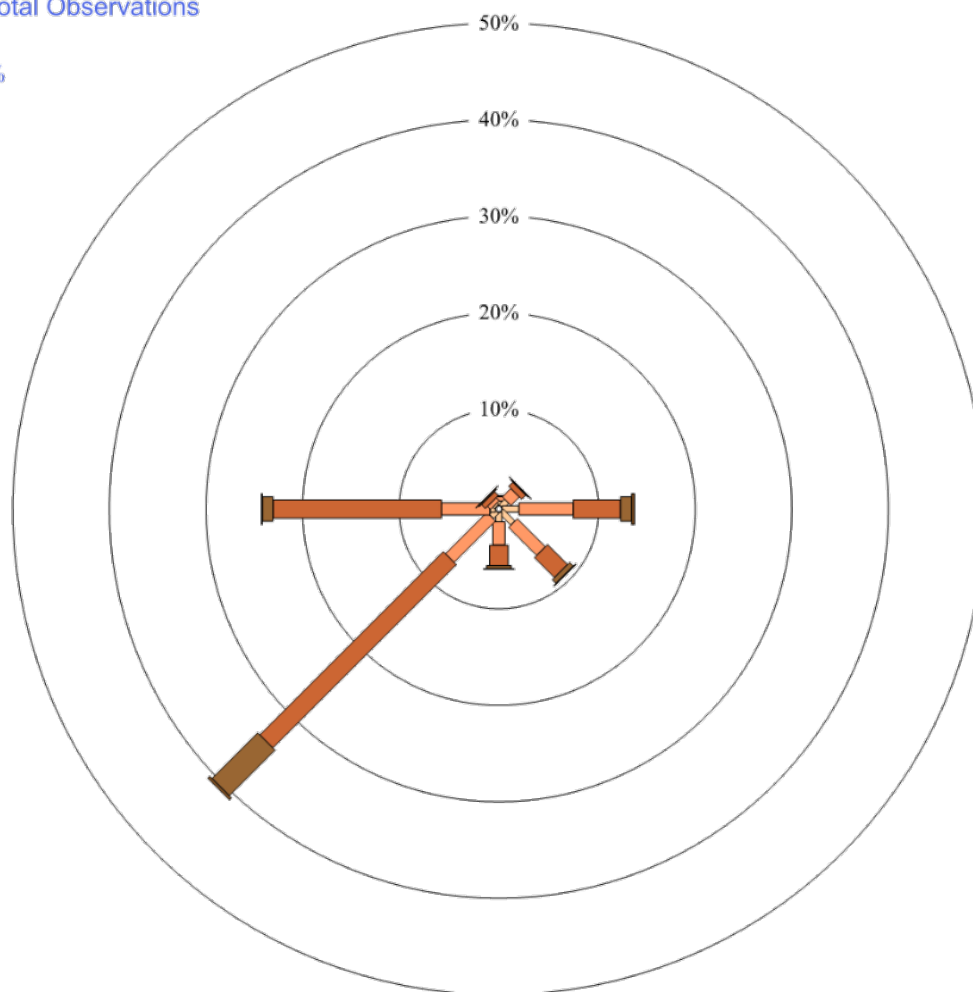
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



3 pm Summer
6758 Total Observations

Calm 1%



Rose of Wind direction versus Wind speed in km/h (01 May 1944 to 09 Aug 2019)

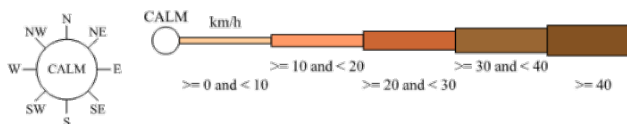
Custom times selected, refer to attached note for details

PERTH AIRPORT

Site No: 009021 • Opened Jan 1944 • Still Open • Latitude: -31.9275° • Longitude: 115.9764° • Elevation 15.m

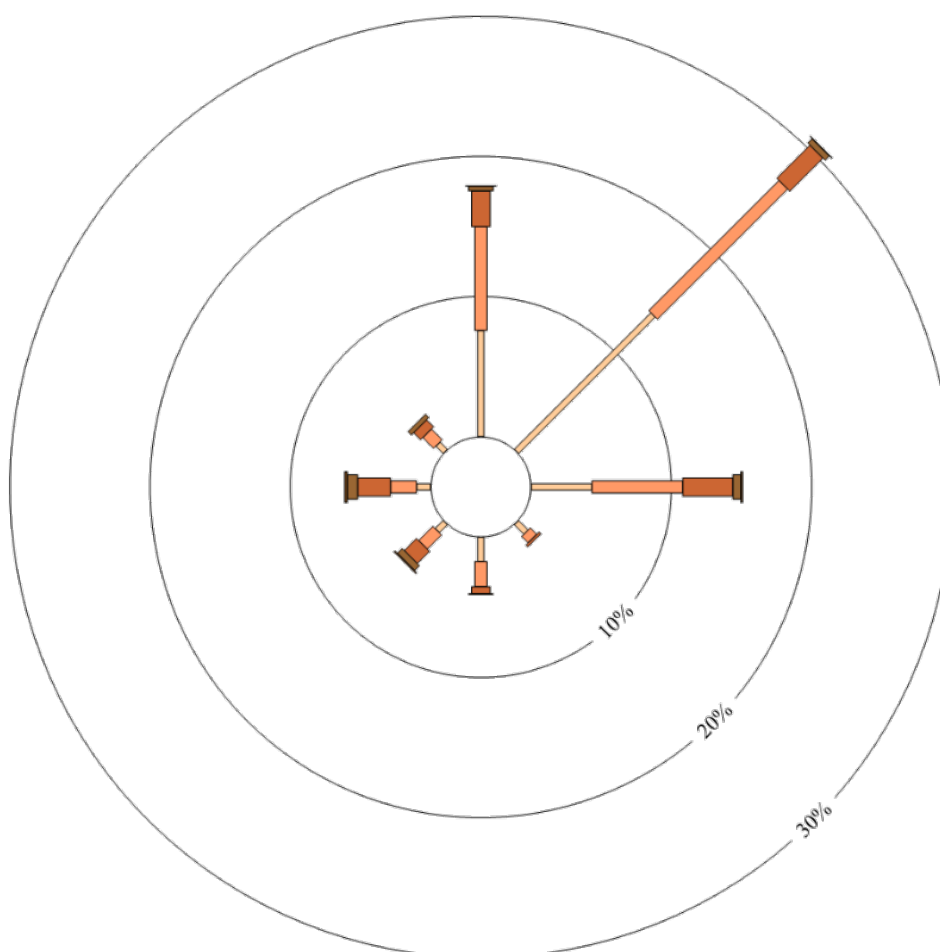
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



9 am Winter
6968 Total Observations

Calm 18%



Rose of Wind direction versus Wind speed in km/h (01 May 1944 to 09 Aug 2019)

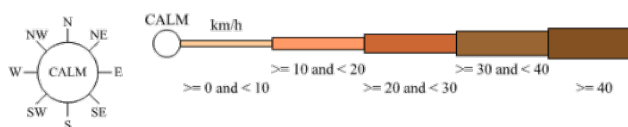
Custom times selected, refer to attached note for details

PERTH AIRPORT

Site No: 009021 • Opened Jan 1944 • Still Open • Latitude: -31.9275° • Longitude: 115.9764° • Elevation 15.m

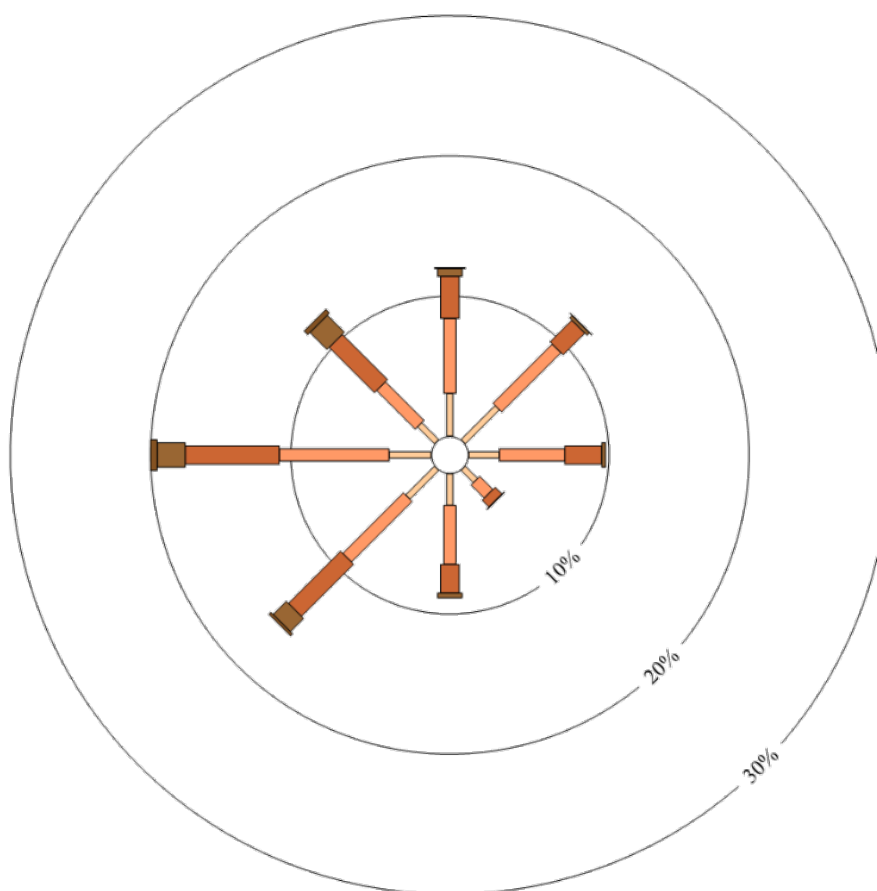
An asterisk (*) indicates that calm is less than 0.5%.

Other important info about this analysis is available in the accompanying notes.



3 pm Winter
6969 Total Observations

Calm 7%





Appendix B: Understanding Your Report

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UNDERSTANDING YOUR REPORT

GALT FORM PMP29 Rev3

1. EXPECTATIONS OF THE REPORT

This document has been prepared to clarify what is and is not provided in your report. It is intended to inform you of what your realistic expectations of this report should be and how to manage your risks associated with the conditions on site.

Geotechnical engineering and environmental science are less exact than other engineering and scientific disciplines. We include this information to help you understand where our responsibilities begin and end. You should read and understand this information. Please contact us if you do not understand the report or this explanation. We have extensive experience in a wide variety of projects and we can help you to manage your risk.

2. THIS REPORT RELATES TO PROJECT-SPECIFIC CONDITIONS

This report was developed for a unique set of project-specific conditions to meet the needs of the nominated client. It took into account the following:

- the project objectives as we understood them and as described in this report;
- the specific site mentioned in this report; and
- the current and proposed development at the site.

It should not be used for any purpose other than that indicated in the report. You should not rely on this report if any of the following conditions apply:

- the report was not written for you;
- the report was not written for the site specific to your development;
- the report was not written for your project (including a development at the correct site but other than that listed in the report); or
- the report was written before significant changes occurred at the site (such as a development or a change in ground conditions).

You should always inform us of changes in the proposed project (including minor changes) and request an assessment of their impact.

Where we are not informed of developments relevant to your report, we cannot be held responsible or liable for problems that may arise as a consequence.

Where design is to be carried out by others using information provided by us, we recommend that we be involved in the design process by being engaged for consultation with other members of the project team. Furthermore, we recommend that we be able to review work produced by other members of the project team that relies on information provided in our report.

Galt Environmental Pty Ltd

Form PMP29 Rev3
30 November 2017



3. SOIL LOGS

Our reports often include logs of intrusive and non-intrusive investigation techniques. These logs are based on our interpretation of field data and laboratory results. The logs should only be read in conjunction with the report they were issued with and should not be re-drawn for inclusion in other documents not prepared by us.

4. THIRD PARTY RELIANCE

We have prepared this report for use by the client. This report must be regarded as confidential to the client and the client's professional advisors. We do not accept any responsibility for contents of this document from any party other than the nominated client. We take no responsibility for any damages suffered by a third party because of any decisions or actions they may make based on this report. Any reliance or decisions made by a third party based on this report are the responsibility of the third party and not of us.

5. CHANGE IN SUBSURFACE CONDITIONS

The recommendations in this report are based on the ground conditions that existed at the time when the study was undertaken. Changes in ground conditions can occur in numerous ways including anthropogenic events (such as construction or contaminating activities on or adjacent to the site) or natural events (such as floods, groundwater fluctuations or earthquakes). We should be consulted prior to use of this report so that we can comment on its reliability. It is important to note that where ground conditions have changed, additional sampling, testing or analysis may be required to fully assess the changed conditions.

6. SUBSURFACE CONDITIONS DURING CONSTRUCTION

Practical constraints mean that we cannot know every minute detail about the subsurface conditions at a particular site. We use professional judgement to form an opinion about the subsurface conditions at the site. Some variation to our evaluated conditions is likely and significant variation is possible. Accordingly, our report should not be considered as final as it is developed from professional judgement and opinion.

The most effective means of dealing with unanticipated ground conditions is to engage us for construction support. We can only finalise our recommendations by observing actual subsurface conditions encountered during construction. We cannot accept liability for a report's recommendations if we cannot observe construction.

7. ENVIRONMENTAL AND GEOTECHNICAL ISSUES

Unless specifically mentioned otherwise in our report, environmental considerations are not addressed in geotechnical reports. Similarly, geotechnical issues are not addressed in environmental reports. The investigation techniques used for geotechnical investigations can differ from those used for environmental investigations. It is the client's responsibility to satisfy themselves that geotechnical and environmental considerations have been taken into account for the site.

Geotechnical advice presented in a Galt Environmental report has been provided by Galt Geotechnics under a sub-contract agreement. Similarly, environmental advice presented in a Galt Geotechnics report has been provided by Galt Environmental under a sub-contract agreement.

Unless specifically noted otherwise, no parties shall draw any inferences about the applicability of the Western Australian state government landfill levy from the contents of this document.

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Bushfire management plan/Statement addressing the Bushfire Protection Criteria coversheet

ATTACHMENT 9

Site address: Lot 3, Kwinana Beach Road, Kwinana Beach

Site visit: Yes ☒ No ☐

Date of site visit (if applicable): Day 6 Month January Year 2022

Report author or reviewer: Nathan Peart

WA BPAD accreditation level (please circle):

Not accredited ☐ Level 1 BAL assessor ☐ Level 2 practitioner ☒ Level 3 practitioner ☐

If accredited, please provide the following.

BPAD accreditation number: 38808 Accreditation expiry: Month May Year 2022

Bushfire management plan version number: 2

Bushfire management plan date: Day 25 Month January Year 2022

Client/business name: Coogee

	Yes	No
Has the BAL been calculated by a method other than method 1 as outlined in AS3959 (tick no if AS3959 method 1 has been used to calculate the BAL)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have any of the bushfire protection criteria elements been addressed through the use of a performance principle (tick no if only acceptable solutions have been used to address all of the bushfire protection criteria elements)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Is the proposal any of the following (see [SPP 3.7 for definitions](#))?

	Yes	No
Unavoidable development (in BAL-40 or BAL-FZ)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Strategic planning proposal (including rezoning applications)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
High risk land-use	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vulnerable land-use	<input type="checkbox"/>	<input checked="" type="checkbox"/>

None of the above ☐

Note: Only if one (or more) of the above answers in the tables is yes should the decision maker (e.g. local government or the WAPC) refer the proposal to DFES for comment.

Why has it been given one of the above listed classifications (E.g. Considered vulnerable land-use as the development is for accommodation of the elderly, etc.)?

Fuel storage site.

The information provided within this bushfire management plan to the best of my knowledge is true and correct:

Signature of report author
or reviewer



Date 07.04.22



Bushfire Management Plan (DA)

Proposed commercial building at:

**Kwinana Storage Tank Facility, Lot 3 Kwinana Beach Road,
Kwinana**

Client: Coogee

Bushfire Management Plan (DA)



Document Control

Doc name:	Bushfire Management Plan (DA) - Kwinana Storage Tank Facility, Lot 3 Kwinana Beach Road, Kwinana				
Version	Date	Author		Reviewer	
1	25.01.22	Nathan Peart	NP	Nathan Peart	NP
	Initial Report				
2	07.04.22	Nathan Peart	NP	Nathan Peart	NP
	Update APZ reference as per DFES comments				

Disclaimer and Limitation

This report is prepared solely for the client, any future landowners of the subject lot and is not for the benefit of any other person and may not be relied upon by any other person. Bushfire Smart accepts no liability or responsibility whatsoever for or in respect of any use or reliance upon this report and its supporting material by any third party.

The mitigation strategies contained in this report are considered to be prudent minimum standards only, based on the writer's experience as well as standards prescribed by relevant authorities. It is expressly stated that Bushfire Smart and the writer do not guarantee that if such standards are complied with or if a property owner exercises prudence, that a building or property will not be damaged or destroyed by bushfire or that lives will not be lost in a bush fire. Fire is an extremely unpredictable force of nature. Changing climatic factors (whether predictable or otherwise) either before or at the time of a fire can also significantly affect the nature of a fire and in a bushfire prone area it is not possible to completely guard against bushfire.

Further, the growth, planting or removal of vegetation; poor maintenance of any fire prevention measures; addition of structures not included in this report; or other activity can and will change the bushfire threat to all properties detailed in the report. Further, the achievement of the level of implementation of fire precautions will depend on the actions of the landowner or occupiers of the land, over which Bushfire Smart has no control.

This report does not negate the need to follow Local government authority requirements for Firebreak and Fuel Hazard Reduction. The client agrees that in submitting this report they approve of and will comply with all requirements detailed.


About the author:

Bushfire Smart has been providing bushfire risk management reports and advise for over 7 years and undertake assessments of planning and land development applications to verify compliance with State Planning Policy 3.7 and associated bushfire regulations.

Nathan Peart is the bushfire lead and has over 20 years' experience in the construction and planning fields. Nathan has completed a Graduate Diploma in Bushfire Protection at the University of Western Sydney, the educational requirement to become a Level 3 Bushfire Planning and Design (BPAD) accredited practitioner. Accreditation is pending.

Nathan is supported by several other team members with varying levels of accreditation.

Bushfire Smart hold Professional Indemnity Insurance to the value of \$2,000,000 which includes cover for bushfire attack level assessments, planning, design and advice services as prescribed in FPA Australia's Bushfire Planning and Design Accreditation Scheme for a BPAD - Level 3 practitioner.

Author/Reviewer		
Nathan Peart	BPAD 38808	
Level 2 Bushfire Planning and Design (BPAD) Accredited Practitioner		
E: BAL@BushfireSmart.com.au	Ph: 9555 9444	

08 9555 9444

BAL@bushfiresmart.com.au

Address: 71 Allnutt Street, Mandurah, 6210

Postal: PO Box 4160, Mandurah North, WA, 6210

Bushfire Management Plan (DA)



Executive Summary

The proposal is at Kwinana Storage Tank Facility, Lot 3 Kwinana Beach Road, Kwinana to support an application for the addition of 6 diesel storage tanks at the existing site.

The proposal is in an area that has been designated as bushfire prone and must therefore comply with State Planning Policy 3.7(SPP3.7). Guidelines for Planning Bushfire Prone Areas Version 1.4 (the Guidelines) has been used to determine the proposals compliance with SPP3.7.

The proposal does not require clearing of native vegetation.

The proposal can achieve a BAL 29 rating to all parts of the development. The tanks achieve BAL 12.5 or BAL Low after the implementation of this Bushfire Management Plan.

An assessment against the bushfire protection criteria (Appendix Four of the guidelines) is required to be undertaken. The following table summarises the outcome of this assessment

Table A.1: Summary of assessment against bushfire protection criteria

Element	Acceptable Solution	Compliance Method	Compliance notes.
1: Location	A1.1 Development location	Acceptable Solution	On completion the application will be in an area subject to a moderate to low. All structures will be BAL 29 or lower.
2: Sitting of development	A2.1 Asset Protection Zone (APZ)	Acceptable Solution	An APZ can be achieved and contained within the lot boundaries. All vegetation along verge to be maintained to APZ requirements.
3: Vehicular Access	A3.1 Public Roads	Acceptable Solution	Public roads meet the minimum technical requirements of guidelines.
	A3.2a Multiple access routes	Acceptable Solution	Access is provided in at least two different directions.
	A3.2b Emergency access ways	N/A	No emergency accessways.
	A3.3 Through-roads	N/A	
	A3.4a Perimeter roads	N/A	
	A3.4b Fire service access routes	N/A	
	A3.5 Battle axes	N/A	
	A3.6 Private driveways	Acceptable Solution	Private driveways can meet the requirements of the guidelines.
4: Water	A4.1 Identification of future water supply	N/A	
	A4.2 Provision of water for firefighting purposes	Acceptable Solution	Hydrants provided to comply with Water Corporation's No. 63 Water Reticulation Standard.

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The subject lot is an existing cleared industrial site with no requirement to clear any native vegetation. The strip of vegetation bordering Patterson Road, will need to be maintained to the asset protection zone standards. The balance of vegetation creating a bushfire threat has a setback that allows a maximum BAL of 29 with only a small portion of the land classified as bushfire prone. The major bushfire threat would be a landscape fire from the south and east, which could subject the site to an ember attack. The site has good access and water provisions. The proposal is classified as a high risk land use and this BMP should be read in conjunction with the bushfire risk management plan for the site.

Compliance with this BMP, and therefore SPP3.7, will require action prior, during and after development.

The items requiring implementation include:

- Establish and maintain the Asset Protection Zone (APZ) to the dimensions and standard stated in this BMP
- Install and maintain fire fighting equipment as required
- Emergency management plan to be developed
- Requirements of the Bushfire Risk Management Plan to be implemented
- Maintain vehicular access routes to the required surface condition and clearances
- Action the ongoing training of personnel.
- Ensure ongoing implementation of Emergency Management and Bushfire Risk Management Plans

The entire report should be read in conjunction with the guidelines to ensure all requirements are understood.

Bushfire Management Plan (DA)



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1 Proposal and Site Details

1.1 Proposal Details

Kwinana Storage Tank Facility, Lot 3 Kwinana Beach Road, Kwinana (subject lot) is an 8.11 hectare parcel presently used as a fuel storage depot within the City of Kwinana.

The proposal is for the addition of four storage tanks each of 30 million litres within terminal TTS4 area as shown below.

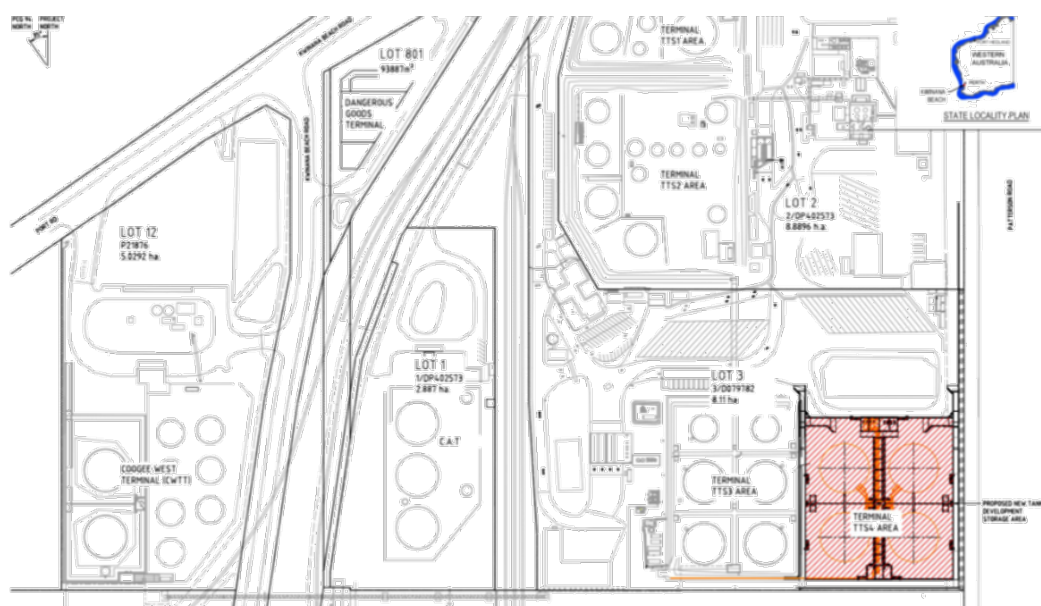


Figure 1: Site Plan

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Figure 2: Location Plan



Figure 3: Map of Bushfire Prone Area for Subject Site

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2 Environmental Considerations

The site is a fully cleared industrial lot, with no further clearing required, either for development or to incorporate the requirements of this BMP.

2.1 Native vegetation – modification and clearing

The site has been checked against the Native Vegetation mapping conducted by the Department of Primary Industries and Regional Development (DPIRD-005). Native vegetation has been not found on the site.

2.2 Revegetation/landscape plans

There are no revegetation or landscape plans as part of this proposal.

3 Bushfire Assessment

3.1 Site Assessment

The assessment of this site/development was undertaken on 6 January 2022 by a BPAD Accredited Practitioner for the purpose of determining the Bushfire Attack Level in accordance with AS 3959-2018 Simplified Procedure (Method 1).

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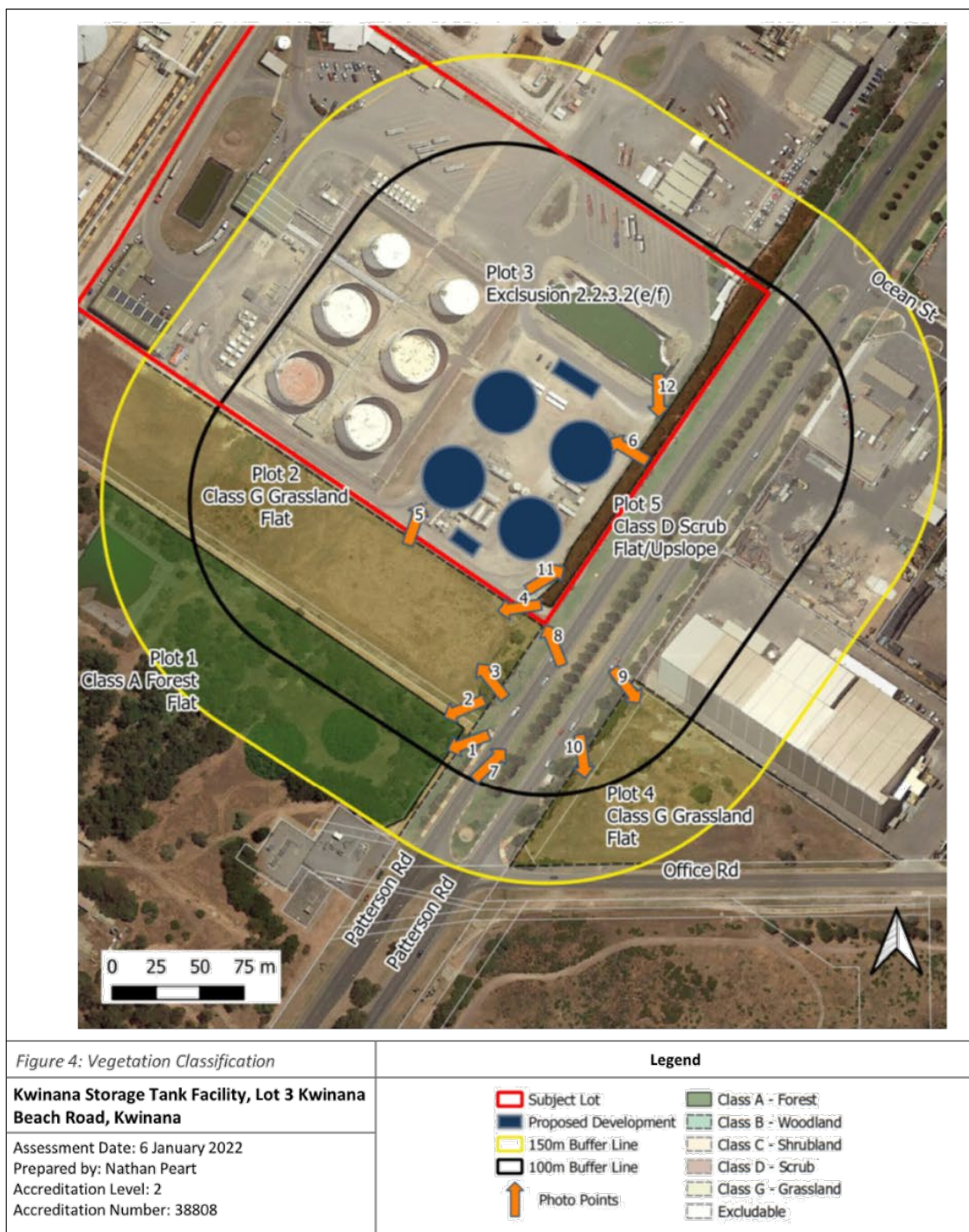
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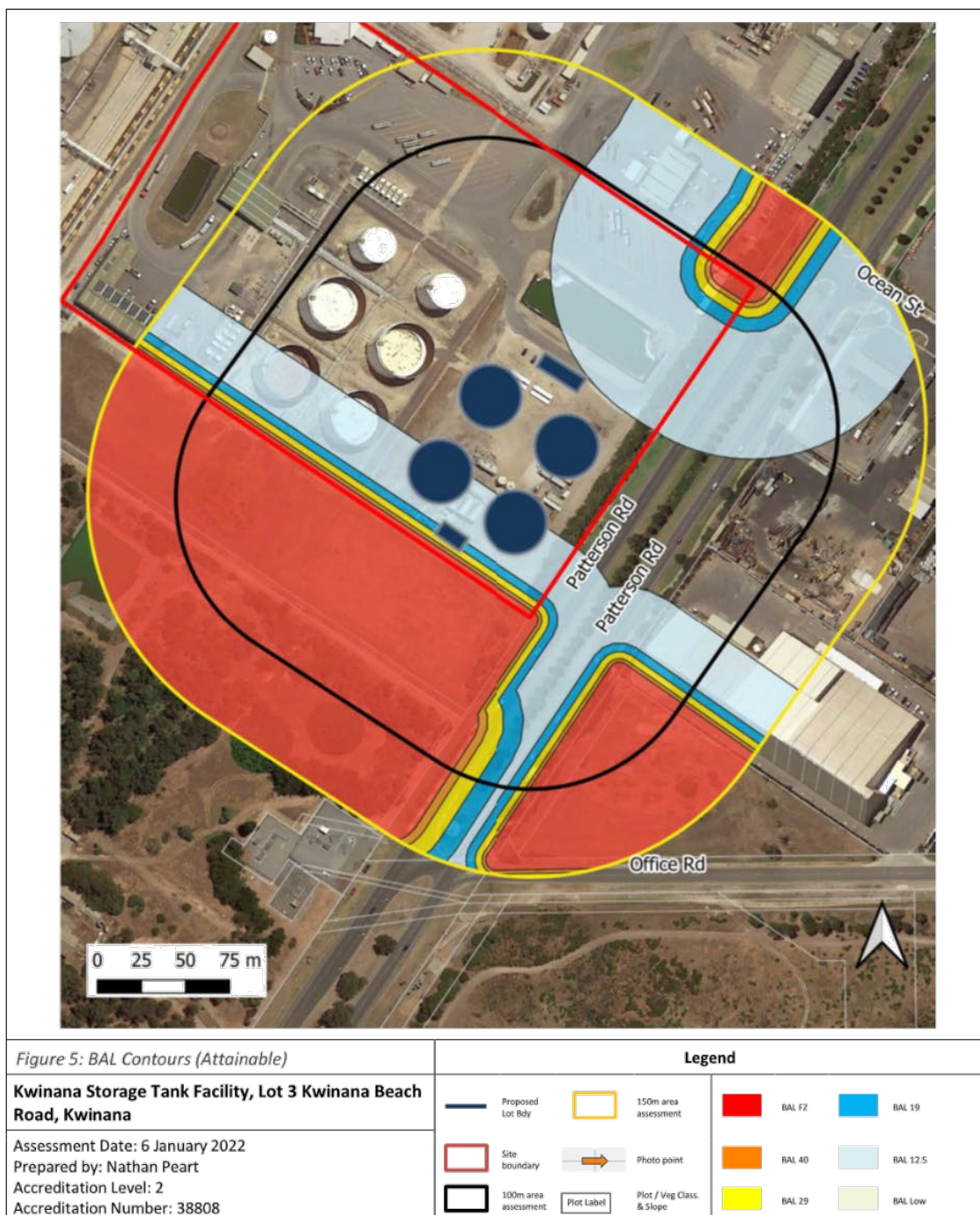
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3.2 Vegetation Classification

All vegetation within 100m of the site / proposed development was classified in accordance with Clause 2.2.3 of AS 3959-2018. Each distinguishable vegetation plot with the potential to determine the Bushfire Attack Level is identified below.

Plot:	1	Vegetation Classification or Exclusion Clause	Class A Forest - Open forest A-03
Description / Justification for Classification			
Trees with bushy understorey. Foliage cover greater than 30%			
			
Photo ID: 1		Photo ID: 2	

Plot:	2	Vegetation Classification or Exclusion Clause	Class G Grassland – Open tussock G-23
Description / Justification for Classification			
Grassed reserve on neighboring lot. Grass longer than 100mm and not maintained to AS3959 requirements.			
			
Photo ID: 3		Photo ID: 4	

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Plot:	3	Vegetation Classification or Exclusion Clause	Excludable - 2.2.3.2(e) Non Vegetated Areas
Description / Justification for Classification			
Existing lot and hardstand area. Minimal vegetation.			
DIRECTION 19 deg(T) 32.24821°S 115.77047°E ACCURACY 10 m DATUM WGS84		DIRECTION 301 deg(T) 32.24784°S 115.77177°E ACCURACY 10 m DATUM WGS84	
			
2022-01-06 12:45:33+08:00		2022-01-06 12:44:44+08:00	
Photo ID: 5		Photo ID: 6	

Plot:	3	Vegetation Classification or Exclusion Clause	Excludable - 2.2.3.2(f) Low Threat Vegetation
Description / Justification for Classification			
Maintained road verges, and road reserve. Bushes forming wind breaks or nature strips are predominantly exotic species with little effect on fire behaviour and exempt under 2.2.3.2(f)			
DIRECTION 46 deg(T) 32.24942°S 115.77087°E ACCURACY 5 m DATUM WGS84		DIRECTION 338 deg(T) 32.24882°S 115.77118°E ACCURACY 5 m DATUM WGS84	
			
2022-01-06 12:09:31+08:00		2022-01-06 12:05:58+08:00	
Photo ID: 7		Photo ID: 8	

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Plot:	4	Vegetation Classification or Exclusion Clause	Class G Grassland – Open tussock G-23
Description / Justification for Classification			
Vacant lot with grass greater than 100mm long.			
			
Photo ID: 9		Photo ID: 10	

Plot:	5	Vegetation Classification or Exclusion Clause	Class D Scrub - Closed scrub D-13
Description / Justification for Classification			
Thick bushes 4 to 5 metres high. Bushes currently mature. Bushes on an earth mound which makes them appear taller in photo than actual height.			
			
Photo ID: 11		Photo ID: 12	

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All vegetation within 100 metres of the site was classified in accordance with clause 2.2.3 of AS3959-2018.

The Fire Danger Index (FDI) – 80-and table 2.4.3 AS3959-2018 applied.

Potential Bushfire Impacts

The potential bushfire impact to the site / proposed development from each of the identified vegetation plots are identified below.

Plot	Vegetation Classification	Effective Slope	Separation (m)	BAL
1	Class A - Forest	Flat/Upslope	83	BAL – 12.5
2	Class G Grassland	Flat/Upslope	11	BAL – 29
3	Excludable – Clause 2.2.3.2(e)/(f)	Flat/Upslope	-	BAL – LOW
4	Class G Grassland	Flat/Upslope	87	BAL – LOW
5	Class D Scrub	Flat/Upslope	6	BAL – FZ

Table 2: BAL Analysis

Determined Bushfire Attack Level (BAL)

The Determined Bushfire Attack Level (highest BAL) for the site / proposed development has been determined in accordance with clause 2.2.6 of AS 3959-2018 using the above analysis.

Determined Bushfire Attack Level

BAL – FZ

Indicative Bushfire Attack Level (BAL)

The Bushfire Attack Level (highest BAL) for the site / proposed development can be reduced to the level indicated below with the inclusion of an Asset protection Zone as prescribed in this report as shown in the following table.

Plot	Vegetation Classification	Effective Slope	Separation (m)	BAL
1	Class A - Forest	Flat/Upslope	83	BAL – 12.5
2	Class G Grassland	Flat/Upslope	11	BAL – 29
3	Excludable – Clause 2.2.3.2(e)/(f)	Flat/Upslope	-	BAL – LOW
4	Class G Grassland	Flat/Upslope	87	BAL – LOW
5	Class D Scrub	Flat/Upslope	13M APZ	BAL – 29

Table 3: BAL Analysis with APZ requirements

Indicative Bushfire Attack Level

BAL – 29

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4 Bushfire Hazard Issues

The subject lot is an existing cleared industrial site with no requirement to clear any native vegetation. The strip of vegetation bordering Patterson Road, will need to be maintained to the asset protection zone standards. The balance of vegetation creating a bushfire threat has a setback that allows a maximum BAL of 29 with only a small portion of the land classified as bushfire prone. The major bushfire threat would be a landscape fire from the south and east, which could subject the site to an ember attack. The site has good access and water provisions. The proposal is classified as a high risk land use and this BMP should be read in conjunction with the bushfire risk management plan for the site.

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5 Assessment against the Bushfire Protection

An assessment against the bushfire protection criteria (Appendix Four of the guidelines) is required to be undertaken for any strategic planning proposal, subdivision and development application for a site that has or will, on completion, have a bushfire hazard level above 'Low' or a BAL rating above BAL LOW. The following section details the measures to be taken so that this proposal complies with the bushfire protection criteria.

Element 1: Location

Intent:

The intent of this element is to ensure the proposal is located in the least possible risk of bushfire to facilitate the protection of people, property and infrastructure. To satisfy the intent, the proposal is required to be located in an area where the bushfire hazard assessment is or will, on completion, be moderate or low, or a BAL-29 or below, and the risk can be managed.

The development is not considered to be unavoidable.

Proposed bushfire management strategies:

Element 1 will be satisfied using Acceptable Solution A1.1. The proposal is located in an area that is a moderate to low bushfire level. Additionally the proposal will be in an area that has a maximum BAL level of 29.

Element 2: Siting and design of development

Intent:

The intent of this element is to ensure that the siting and design of development minimises the level of bushfire impact.

Proposed bushfire management strategies:

An Asset Protection Zone (APZ) of 13 metres, or to the boundary (whichever is less), needs to be established. Most of the lot is cleared of bushfire prone vegetation and is predominantly hard landscaping, acting as an asset protection zone. There is a strip of vegetation along Patterson Road acting as a windbreak and screening, however the vegetation is too dense to be excluded under AS3959 2.2.3.2(f). Therefore, this vegetation will need to be reduced to comply with the asset protection guidelines as shown in schedule 1 below. The proposed structures are sufficiently offset from all other vegetation to minimise the level of bushfire impact.

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Schedule 1: Standards for asset protection zones (WAPC 2021)

Object	Requirement
Fences within the APZ	Should be constructed from non-combustible materials (for example, iron, brick, limestone, metal post and wire, or bushfire-resisting timber referenced in Appendix F of AS 3959)
Fine fuel load (Combustible, dead vegetation matter <6 millimetres in thickness)	<ul style="list-style-type: none"> Should be managed and removed on a regular basis to maintain a low threat state. Should be maintained at <2 tonnes per hectare (on average). Mulches should be non-combustible such as stone, gravel or crushed mineral earth or wood mulch >6 millimetres in thickness.
Trees* (>6 metres in height)	<ul style="list-style-type: none"> Trunks at maturity should be a minimum distance of six metres from all elevations of the building. Branches at maturity should not touch or overhang a building or powerline. Lower branches and loose bark should be removed to a height of two metres above the ground and/or surface vegetation. Canopy cover within the APZ should be <15 per cent of the total APZ area. Tree canopies at maturity should be at least five metres apart to avoid forming a continuous canopy. Stands of existing mature trees with interlocking canopies may be treated as an individual canopy provided that the total canopy cover within the APZ will not exceed 15 per cent and are not connected to the tree canopy outside the APZ. <p>Figure 19: Tree canopy cover – ranging from 15 to 70 per cent at maturity</p> <p>15% 30% 70%</p>
Shrub* and scrub* (0.5 metres to six metres in height). Shrub and scrub >6 metres in height are to be treated as trees.	<ul style="list-style-type: none"> Should not be located under trees or within three metres of buildings. Should not be planted in clumps >5 square metres in area. Clumps should be separated from each other and any exposed window or door by at least 10 metres.
Ground covers* (<0.5 metres in height. Ground covers >0.5 metres in height are to be treated as shrubs)	<ul style="list-style-type: none"> Can be planted under trees but must be maintained to remove dead plant material, as prescribed in 'Fine fuel load' above. Can be located within two metres of a structure, but three metres from windows or doors if >100 millimetres in height.
Grass	Grass should be maintained at a height of 100 millimetres or less, at all times. Wherever possible, perennial grasses should be used and well-hydrated with regular application of wetting agents and efficient irrigation
Defendable space	Within three metres of each wall or supporting post of a habitable building, the area is kept free from vegetation, but can include ground covers, grass and non-combustible mulches as prescribed above.
LP Gas Cylinders	<ul style="list-style-type: none"> Should be located on the side of a building furthest from the likely direction of a bushfire or on the side of a building where surrounding classified vegetation is upslope, at least one metre from vulnerable parts of a building. The pressure relief valve should point away from the house. No flammable material within six metres from the front of the valve. Must sit on a firm, level and non-combustible base and be secured to a solid structure.

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Element 3: Vehicular Access

Intent:

To ensure that the vehicular access serving a subdivision/development is available and safe during a bushfire event.

Proposed bushfire management strategies:

Element 2 will be satisfied using the following Acceptable Solutions:

A3.1 Public Roads

The minimum requirements under this acceptable solution are applicable to all proposed and existing public roads.

Public roads servicing this development are main transport routes that meet the minimum technical requirements in Table 6, Column 1.

A3.2a Multiple access routes

Public road access is provided in two different directions to at least two different suitable destinations with an all-weather surface (two-way access). Via Kwinana Beach Road to the south east onto Patterson Road into two different directions, or north west towards Rockingham Beach which has multiples access options.

A3.2b Emergency access way

The proposal does not include emergency access ways.

A3.3 Through-roads – Not Applicable**A3.4a Perimeter Roads – Not Applicable****A3.4b Fire service access route – Not Applicable****A3.5 Battle-axe access legs – Not Applicable****A3.5 Private Driveways**

The private driveway meets the following requirements:

- requirements in Table 6, Column 4;
- specified passing bays are not required as entire driveway is constructed to allow passing.
- circular termination therefore no turnaround bay required.

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Extract from Guidelines: Table 6: Vehicular access technical requirements

TECHNICAL REQUIREMENTS	1 Public roads	2 Emergency access way ¹	3 Fire service access route ¹	4 Battle-axe and private driveways ²
Minimum trafficable surface (metres)	In accordance with A3.1	6	6	4
Minimum horizontal clearance (metres)	N/A	6	6	6
Minimum vertical clearance (metres)	4.5			
Minimum weight capacity (tonnes)	15			
Maximum grade unsealed road ³	As outlined in the IPWEA Subdivision Guidelines	1:10 (10%)		
Maximum grade sealed road ³		1:7 (14.3%)		
Maximum average grade sealed road		1:10 (10%)		
Minimum inner radius of road curves (metres)		8.5		

Notes:

¹ To have crossfalls between 3 and 6%.

² Where driveways and battle-axe legs are not required to comply with the widths in A3.5 or A3.6, they are to comply with the Residential Design Codes and Development Control Policy 2.2 Residential Subdivision.

³ Dips must have no more than a 1 in 8 (12.5% - 7.1 degree) entry and exit angle.

Element 4: Water

Intent:

To ensure that water is available to enable people, property and infrastructure to be defended from bushfire.

Proposed bushfire management strategies:

Element 4 will be satisfied using Acceptable Solutions:

A4.1 Identification of future water supply – Not Applicable

A4.1 Provision of water for firefighting purposes

Water supply for bushfire firefighting purposes will be through a reticulated water supply with hydrant connections. Fire fighting facilities within the site will be assessed by others.

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6 Implementation

The following tables set out the responsibilities of the developer(s), landowner(s) and local government for the initial implementation and ongoing maintenance associated with this proposal.

Management Action	Timing
Proponent/Landowner	
Establish the Asset Protection Zone (APZ) to the dimensions and standard stated in this BMP	Prior to construction
Fire extinguishers to be installed as required	Prior to occupancy
Emergency management plan to be developed	Prior to occupancy
Requirements of the Bushfire Risk Management Plan to be implemented	Prior to occupancy
Occupants	
Maintain vehicular access routes to the required surface condition and clearances	Ongoing
Maintain the Asset Protection Zone (APZ) to the dimensions and standard stated in this BMP	Ongoing
Maintain water supply including vehicular access in good condition	Ongoing
Maintain firefighting equipment	Ongoing
Action the ongoing training of personnel.	Ongoing
Ensure ongoing implementation of Emergency Management and Bushfire Risk Management Plans	Ongoing
City of Kwinana	
Manage vegetation on verge and reserve to the south	Ongoing

6.1 Acknowledgement

Acknowledgement - Proponent

The proponent acknowledges the responsibilities as listed above and the requirement to ensure that should the land transfer to a new owner, that the new owner is aware of the BMP and their ongoing responsibility.

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7 General References

WA Department of Planning 2016, *Visual Guide for bushfire risk assessment in Western Australia*

Standards Australia 2009, *AS 3959-2018 Construction of buildings in bushfire-prone areas*, Sydney

Western Australian Planning Commission (WAPC) 2015, *State Planning Policy 3.7 Planning in Bushfire Prone Areas*, Western Australian Planning Commission, Perth, Perth

Western Australian Planning Commission and (WAPC) 2021, *Guidelines for Planning in Bushfire Prone Areas Version 1.4*, Western Australia

8 Online references

Office of Bushfire Risk management (OBRM) 2017, Map of Bush Fire Prone Areas, Viewed January 22, <
<https://maps.slip.wa.gov.au/landgate/bushfireprone/>>

Office of Bushfire Risk Management (OBRM), Bushfire Risk Management (BRM) Plan Guidelines, Viewed January 22.

WA Local Government Association (WALGA), Environmental Planning Tool, Viewed January 22, <
pbp.walga.asn.au/Tools/EnvironmentalPlanningTool.html>

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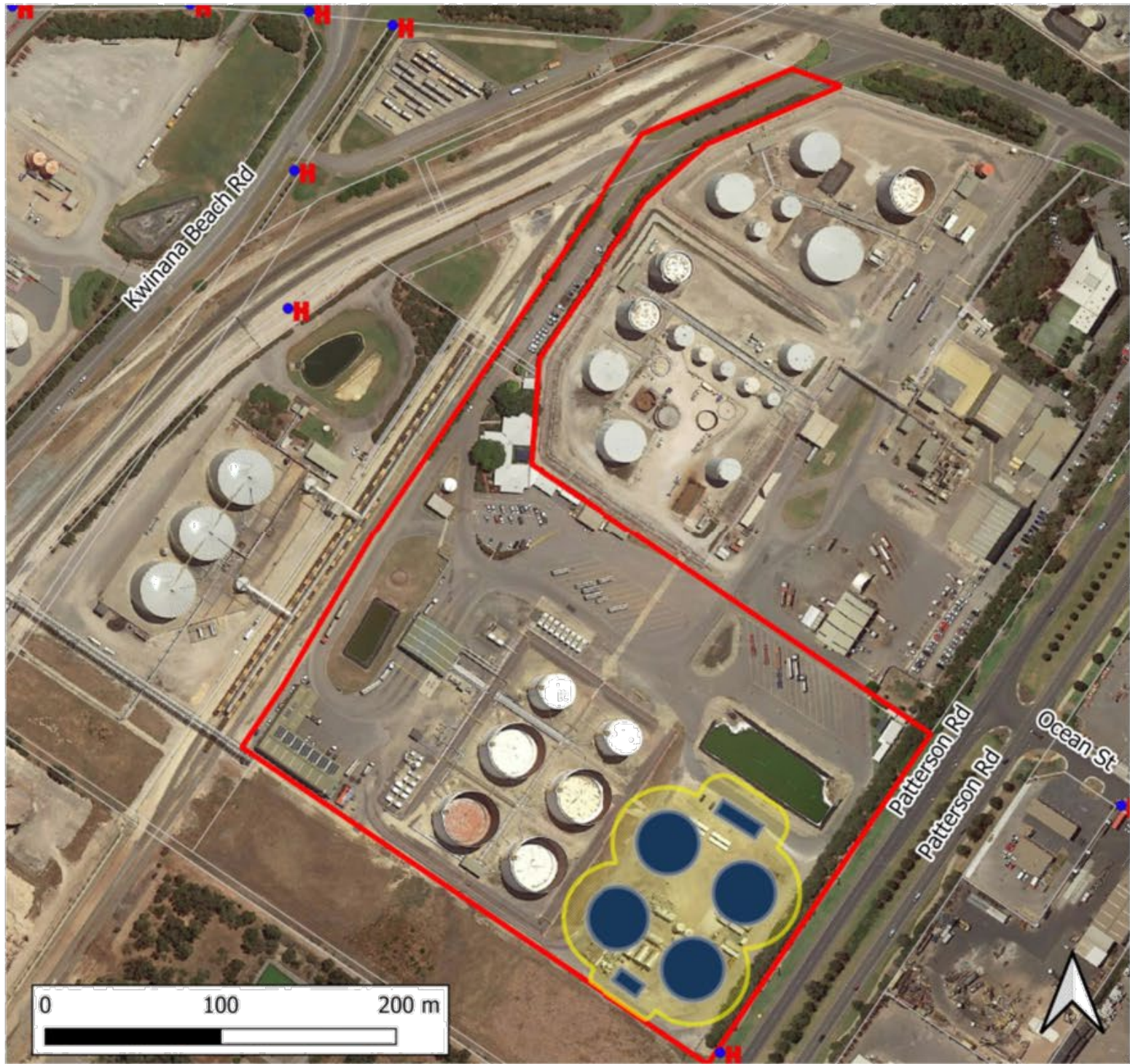
9 Appendices

Appendix A: Spatial Representation of proposed risk management measures (Next Page)

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Legend

- Subject Lot
- Proposed Development
- APZ
- Water Hydrant

Bushfire Protection Criteria

APZ requirements: 13 metre APZ required (Or to boundary, whichever closer)

Driveway requirements: Existing driveway complies – no further requirements.

Water Requirements: Existing hydrants supply water for bushfire fighting purposes.

Figure 6: Spatial Representation of proposed risk management measures.

Kwinana Storage Tank Facility, Lot 3 Kwinana Beach Road, Kwinana

Assessment Date: 6 January 2022
Prepared by: Nathan Peart
Accreditation Level: BPAD Level 2
Accreditation Number: 38808
Accreditation Expiry: May 2022

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Project:	Construction of Diesel Storage Tanks Lot 3 Kwinana Beach
Client:	Coogee
Author:	Paul Nguyen
Date:	16 th March 2022
Shawmac Document #:	2202012-TIA-001

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Document Status: Revised based on City comments

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1. Introduction and Background

1.1. Proponent

Shawmac Pty Ltd has been engaged by Coogee to prepare a Transport Impact Assessment (TIA) for the proposed construction of new diesel storage tanks at the Kwinana Terminal in Kwinana Beach. As requested by the City of Kwinana, the TIA will primarily assess the traffic impact of the construction phase of the project which is expected to last a period of 20 months from February 2022 to September 2023.

Once completed, the diesel tanks will only provide additional strategic storage. No additional gantry loading capacity is proposed and so the tanks will not generate any additional traffic once operational.

1.2. Site Location

The site is located on the corner of Patterson Road and Kwinana Beach Road in Kwinana Beach. The Local Authority is the City of Kwinana. The site location is shown in **Figure 1**. An aerial view of the existing site is shown in **Figure 2**.

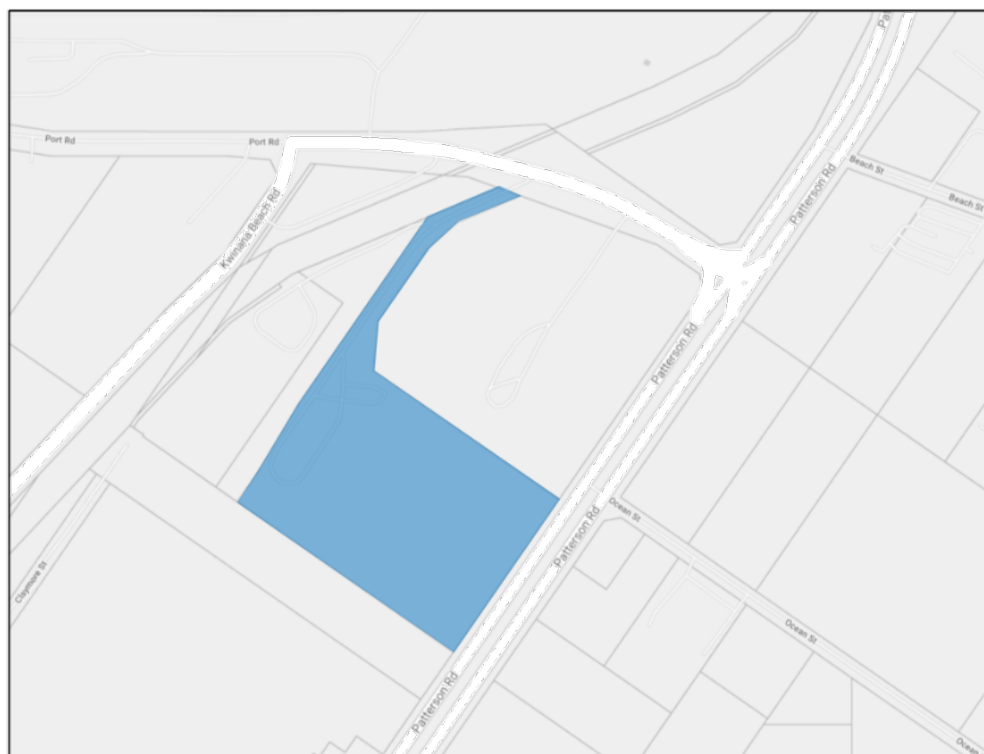


Figure 1: Site Location



Figure 2: Aerial View of the Site (November 2021)

1.3. Scope

This TIA has been prepared in accordance with the Western Australian Planning Commission's (WAPC) *Transport Impact Assessment Guidelines*. According to the TIA guidelines, the key objectives of a TIA are to:

- assess the proposed internal transport networks with respect to accessibility, circulation and safety for all modes, that is, vehicles, public transport, pedestrians and cyclists;
- assess the level of transport integration between the development and the surrounding land uses;
- determine the impacts of the traffic generated by the development on the surrounding land uses; and
- determine the impacts of the traffic generated by the development on the surrounding transport networks.



2. Development Proposal

2.1. Land Use

The proposal is to construct additional fuel storage tanks at Terminal 4 and 5 in the southern corner of the site as shown in **Figure 3**.

Construction is expected to last a period of about 20 months starting February 2022 and ending September 2023. Construction will occur 6 days per week (Monday to Saturday) from 6am to 5pm.

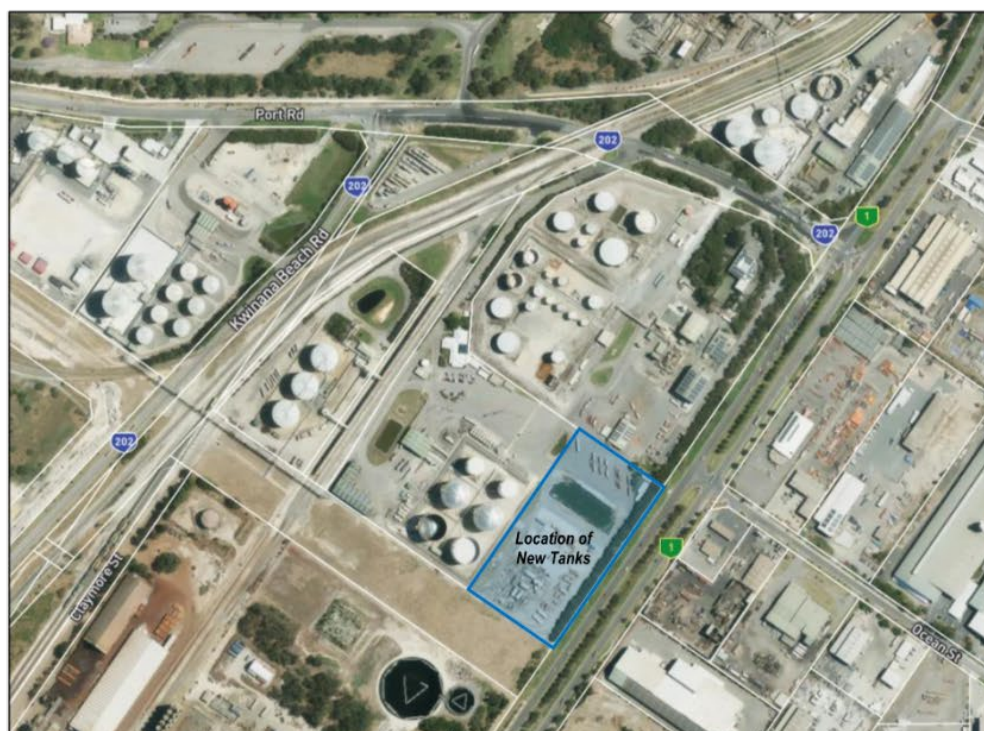


Figure 3: Proposed Tanks Location



2.2. Vehicle Access and Parking

Construction of the tanks will involve a range of contractor and construction vehicles, including concrete trucks, concrete booms, Franna crane trucks and semi-trailers.

All construction traffic will access the site via Patterson Road, Kwinana Beach Road and then Gate 3 immediately prior to the rail crossing. All construction traffic will then leave the site via Gate 2.

Coogee will allocate additional parking areas for contractor vehicles within the site in a location to be determined.

The proposed vehicle access and parking layout is shown in **Figure 4**.

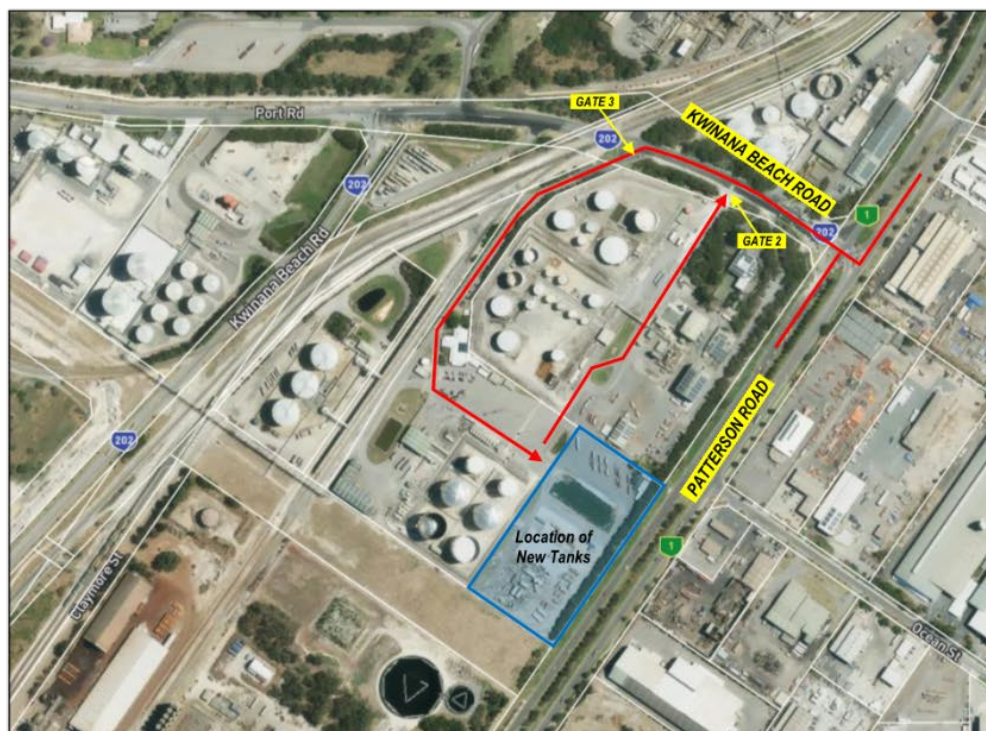


Figure 4: Vehicle Access Arrangement



3. Existing Situation

3.1. Road Network

3.1.1. Layout and Hierarchy

The layout and hierarchy of the existing local road network according to the Main Roads WA *Road Information Mapping System* is shown in **Figure 5**.



Figure 5: Existing Road Network Hierarchy

As shown, Patterson Road and Kwinana Beach Road are both Primary Distributor roads which are controlled by Main Roads WA.



The existing speed limits are shown in **Figure 6**.

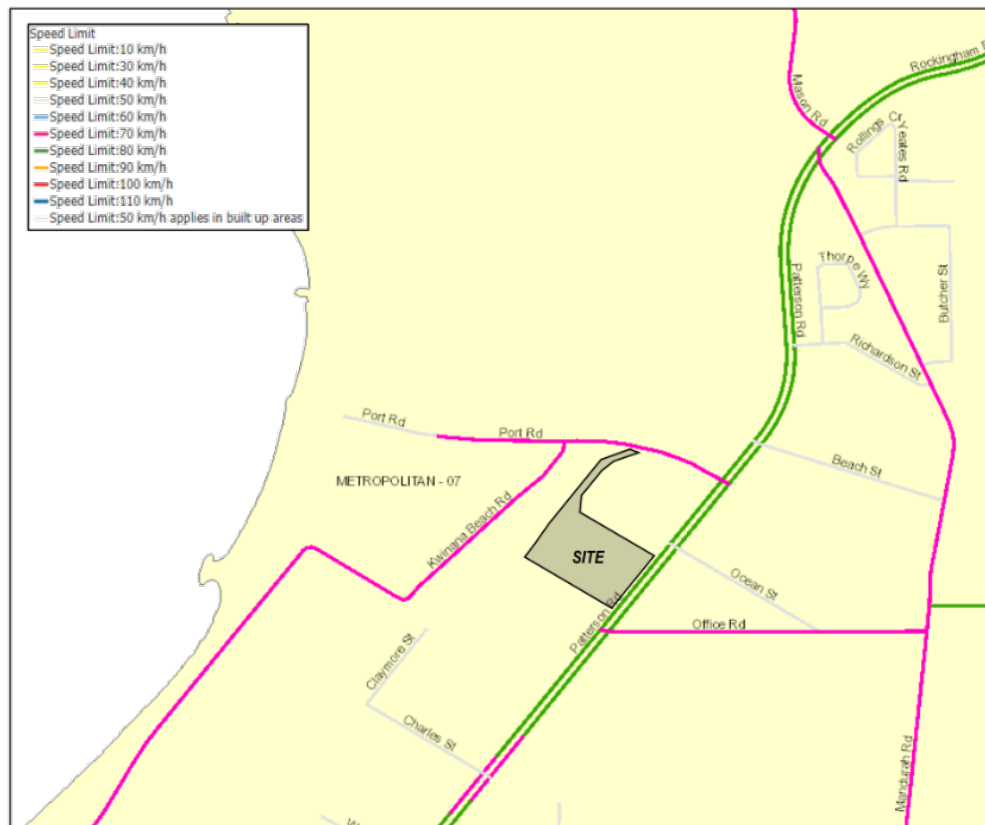


Figure 6: Existing Speed Limits



3.1.2. Traffic Counts

The latest traffic counts along Kwinana Beach Road west of Patterson Road were obtained from the Main Roads WA Traffic Map.

The Average Weekday Traffic (AWT) is shown in **Figure 7**.

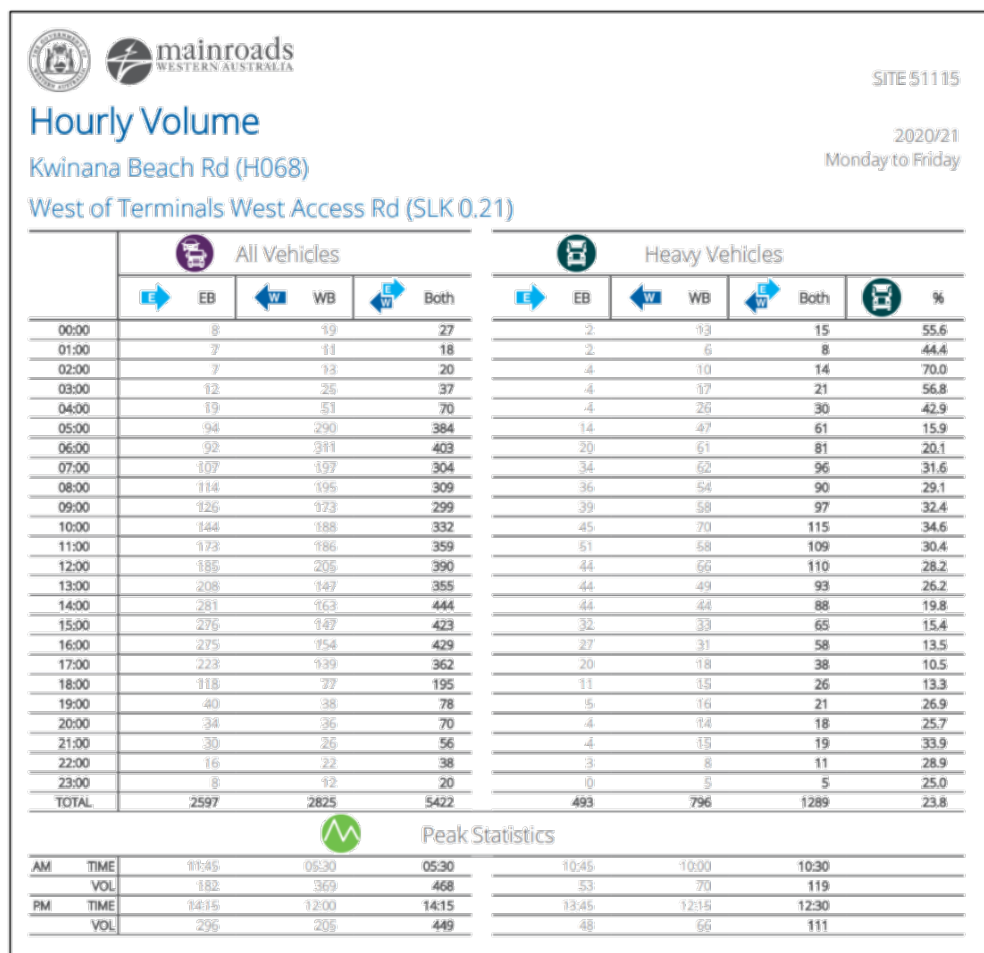


Figure 7: Kwinana Beach Road Average Weekday Traffic (Main Roads WA)

3.2. Changes to Surrounding Transport Networks

The surrounding road network is reasonably well established and there are no known major changes planned.



4. Transport Assessment

4.1. Assessment Parameters

Construction is planned to commence each day at around 6am which coincides with the morning peak hour on the road network which is from 6 to 7am. Therefore, the critical morning peak hour for assessment would be the road network peak hour.

According to the traffic count data at the Patterson Road / Kwinana Beach Road intersection, the afternoon peak hour on the road network is from 4 to 5pm. As construction is planned to end at around 5pm, most construction traffic movements will occur after the road network peak. Regardless, it is assumed conservatively that the peak period of construction traffic coincides with the road network peak in the event that the shift times vary on different days.

As above, the time periods adopted for assessment are the weekday morning and afternoon peak hours on the adjacent road network which are from 6 to 7am and from 4 to 5pm.

4.2. Traffic Generation

The expected number of contractor and construction vehicles has been provided by the client.

The number of contractor vehicles increases gradually up to January 2023 and then gradually decreases over the remainder of the construction period. In January 2023, the peak number of contractors on-site is estimated to be 95 vehicles per day (vpd) with most arriving during the morning peak and then leaving during the afternoon peak.

The number of construction vehicles is summarised as follows:

- Concrete trucks – average 2 per day, up to 25 per day once a month. Typically arrive early around 4am and leave by mid-day.
- Concrete booms – average 2 per day.
- Crane trucks – average 2 per day.
- Semi-trailers – average 4 per day.
- Light vehicles – average 5 per day.

It is understood that the majority of construction vehicles will arrive and leave outside of the peak hours.

Based on the above, the maximum daily traffic generation is estimated to be 133 vpd including 100 light vehicles and 33 heavy vehicles.

The peak hour traffic generation is estimated to be 100 vehicles per hour (vph) being all inbound during the morning peak and all outbound during the afternoon peak. It is conservatively assumed that all light construction vehicles arrive and leave during the peak hours.



4.3. Traffic Distribution

The majority of vehicles are likely to travel to and from the site via Patterson Road and it is assumed that construction traffic is split evenly in both direction on Patterson Road

Based on the layout of the road network, the estimated increase in peak hour traffic flows on the road network and through the site crossovers is shown in **Figure 8**.

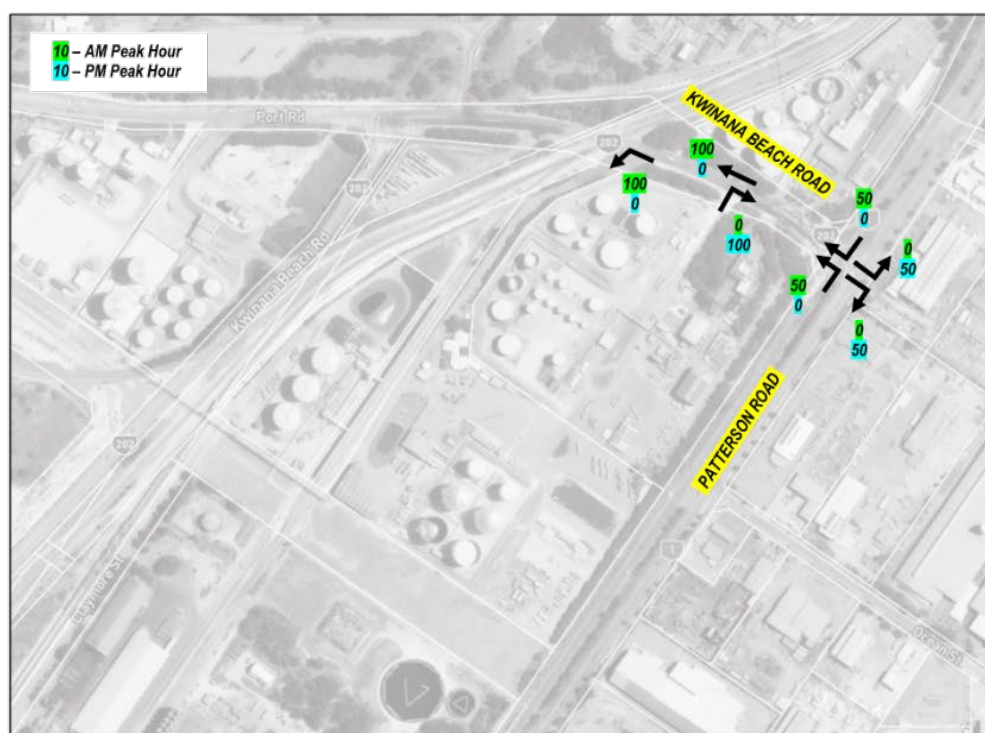


Figure 8: Estimated Peak Hour Development Traffic Flows



4.4. Road Network Capacity

A peak hour capacity analysis has been undertaken in SIDRA Intersection 9.0 for the Patterson Road / Kwinana Beach Road traffic signals.

The peak hour traffic flows, signal phasing, average cycle times and other key inputs were derived from Main Roads WA SCATS signal data and the model has been set up according to Main Roads WA's *Operational Modelling Guidelines*.

The modelled layout is shown in **Figure 9**. The southbound through lanes on Patterson Road were not included in the model as this movement is unsignalised and has negligible impact on the intersection capacity.

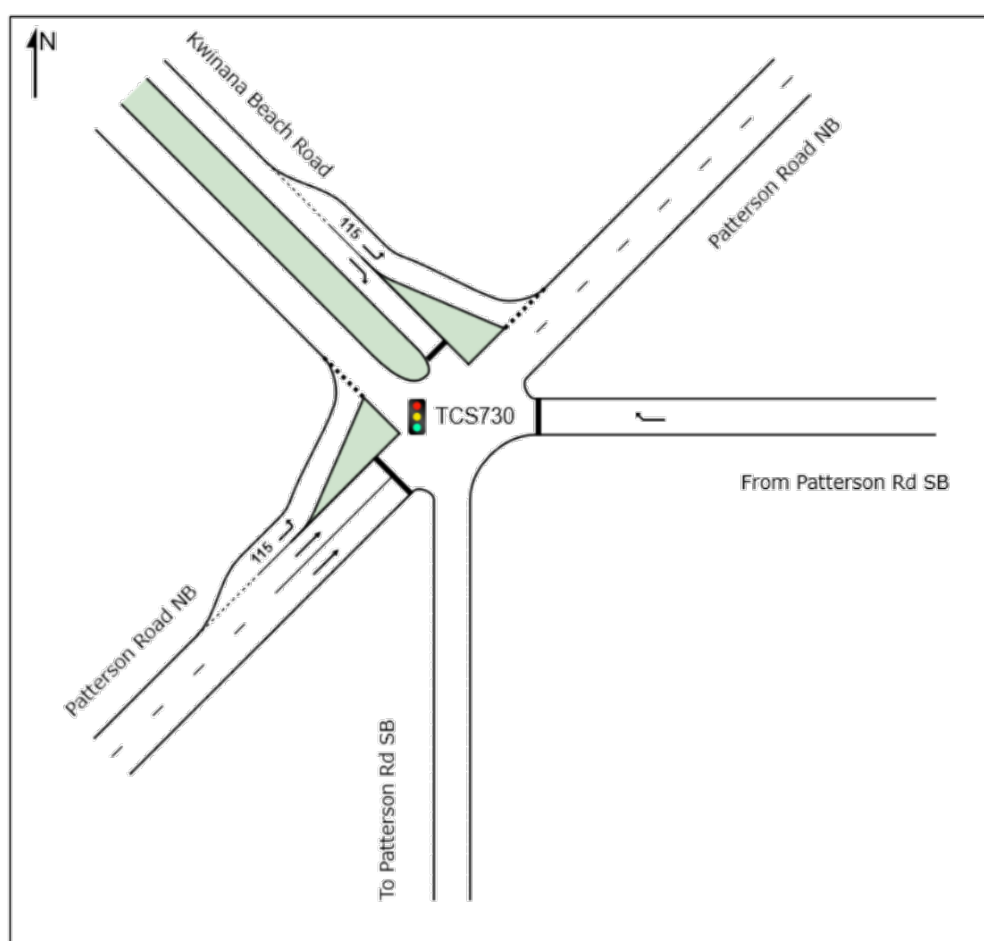


Figure 9: Network Model Layout



The results of the assessment are shown in **Figure 10** and **Figure 11** and summarised in **Table 1**.

MOVEMENT SUMMARY

Site: TCS730 [Patterson Road / Kwinana Beach Road - AM Peak Existing (Site Folder: General)]

Site Category: -
Signals - EQUISAT (Fixed-Time/SCATS) Isolated Cycle Time = 188 seconds (Site User-Given Cycle Time)

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES		DEMAND FLOWS		Deg. Satn	Aver. Delay	Level of Service	95% BACK OF QUEUE		Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed
		[Total veh/h	HV] veh/h	[Total veh/h	HV] %	v/c	sec		[Veh. veh	Dist] m				km/h
East: From Patterson Rd SB														
6a	R1	256	63	256	24.6	0.694	74.3	LOS E	21.2	239.6	0.96	0.85	0.96	27.4
Approach		256	63	256	24.6	0.694	74.3	LOS E	21.2	239.6	0.96	0.85	0.96	27.4
NorthWest: Kwinana Beach Road														
7	L2	130	32	130	24.6	0.229	29.5	LOS C	7.6	85.4	0.66	0.80	0.66	40.7
29a	R1	91	22	91	24.2	0.675	97.8	LOS F	8.4	92.8	1.00	0.83	1.06	23.2
Approach		221	54	221	24.4	0.675	57.6	LOS E	8.4	92.8	0.80	0.81	0.82	31.1
SouthWest: Patterson Road NB														
10	L2	58	14	58	24.1	0.060	12.2	LOS B	1.1	12.8	0.25	0.65	0.25	51.3
11	T1	1011	249	1011	24.6	0.702	33.1	LOS C	34.6	387.7	0.79	0.72	0.79	46.4
Approach		1069	263	1069	24.6	0.702	31.9	LOS C	34.6	387.7	0.76	0.71	0.76	46.6
All Vehicles		1546	380	1546	24.6	0.702	42.6	LOS D	34.6	387.7	0.80	0.75	0.80	39.3

MOVEMENT SUMMARY

Site: TCS730 [Patterson Road / Kwinana Beach Road - AM Peak with Construction Traffic (Site Folder: General)]

Site Category: -
Signals - EQUISAT (Fixed-Time/SCATS) Isolated Cycle Time = 188 seconds (Site User-Given Cycle Time)

Vehicle Movement Performance

Mov ID	Turn	INPUT VOLUMES		DEMAND FLOWS		Deg. Satn	Aver. Delay	Level of Service	95% BACK OF QUEUE		Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed
		[Total veh/h	HV] veh/h	[Total veh/h	HV] %	v/c	sec		[Veh. veh	Dist] m				km/h
East: From Patterson Rd SB														
6a	R1	306	113	306	36.9	0.729	72.3	LOS E	25.3	268.0	0.97	0.86	0.97	26.9
Approach		306	113	306	36.9	0.729	72.3	LOS E	25.3	268.0	0.97	0.86	0.97	26.9
NorthWest: Kwinana Beach Road														
7	L2	130	32	130	24.6	0.222	30.1	LOS C	7.4	83.2	0.64	0.80	0.64	40.4
29a	R1	91	22	91	24.2	0.713	100.0	LOS F	8.6	94.2	1.00	0.84	1.10	22.9
Approach		221	54	221	24.4	0.713	58.9	LOS E	8.6	94.2	0.79	0.82	0.83	30.8
SouthWest: Patterson Road NB														
10	L2	108	64	108	59.3	0.102	14.0	LOS B	2.6	23.8	0.29	0.66	0.29	44.7
11	T1	1011	249	1011	24.6	0.726	35.5	LOS D	36.1	404.2	0.81	0.74	0.81	45.0
Approach		1119	313	1119	28.0	0.726	33.4	LOS C	36.1	404.2	0.76	0.73	0.76	45.0
All Vehicles		1646	480	1646	29.2	0.729	44.1	LOS D	36.1	404.2	0.81	0.77	0.81	37.9

Figure 10: SIDRA Intersection Capacity Analysis Results – AM Peak



MOVEMENT SUMMARY

Site: TCS730 [Patterson Road / Kwinana Beach Road - PM Peak
Existing (Site Folder: General)]

Site Category: -

Signals - EQUISAT (Fixed-Time/SCATS) Isolated Cycle Time = 170 seconds (Site User-Given Cycle Time)

Vehicle Movement Performance														
Mov ID	Turn	INPUT VOLUMES		DEMAND FLOWS		Deg. Satn	Aver. Delay	Level of Service	95% BACK OF QUEUE		Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed
		[Total veh/h	HV] veh/h	[Total veh/h	HV] %	v/c	sec		[Veh. veh	Dist] m				km/h
East: From Patterson Rd SB														
6a	R1	346	85	346	24.6	★ 0.714	59.1	LOS E	24.9	279.8	0.93	0.86	0.93	30.9
Approach		346	85	346	24.6	0.714	59.1	LOS E	24.9	279.8	0.93	0.86	0.93	30.9
NorthWest: Kwinana Beach Road														
7	L2	214	53	214	24.8	0.307	25.1	LOS C	9.4	105.4	0.58	0.81	0.58	42.7
29a	R1	107	26	107	24.3	★ 0.719	89.3	LOS F	9.1	100.4	1.00	0.85	1.10	24.6
Approach		321	79	321	24.6	0.719	46.5	LOS D	9.4	105.4	0.72	0.82	0.76	34.3
SouthWest: Patterson Road NB														
10	L2	31	7	31	22.6	0.034	14.0	LOS B	0.7	7.0	0.30	0.65	0.30	50.4
11	T1	848	209	848	24.6	★ 0.709	41.1	LOS D	28.5	319.2	0.87	0.78	0.87	42.1
Approach		879	216	879	24.6	0.709	40.1	LOS D	28.5	319.2	0.85	0.78	0.85	42.4
All Vehicles		1546	380	1546	24.6	0.719	45.7	LOS D	28.5	319.2	0.84	0.81	0.85	37.4

MOVEMENT SUMMARY

Site: TCS730 [Patterson Road / Kwinana Beach Road - PM Peak with
Construction Traffic (Site Folder: General)]

Site Category: -

Signals - EQUISAT (Fixed-Time/SCATS) Isolated Cycle Time = 170 seconds (Site User-Given Cycle Time)

Vehicle Movement Performance														
Mov ID	Turn	INPUT VOLUMES		DEMAND FLOWS		Deg. Satn	Aver. Delay	Level of Service	95% BACK OF QUEUE		Prop. Que	Effective Stop Rate	Aver. No. Cycles	Aver. Speed
		[Total veh/h]	[HV] veh/h	[Total veh/h]	[HV] %	v/c	sec		[Veh. veh]	[Dist] m				km/h
East: From Patterson Rd SB														
6a	R1	346	85	346	24.6	0.740	61.0	LOS E	25.4	285.2	0.95	0.87	0.95	30.4
Approach		346	85	346	24.6	0.740	61.0	LOS E	25.4	285.2	0.95	0.87	0.95	30.4
NorthWest: Kwinana Beach Road														
7	L2	264	103	264	39.0	0.348	27.1	LOS C	11.2	116.2	0.58	0.83	0.58	40.0
29a	R1	157	76	157	48.4	0.727	84.0	LOS F	13.0	126.6	1.00	0.86	1.07	24.5
Approach		421	179	421	42.5	0.727	48.3	LOS D	13.0	126.6	0.74	0.84	0.77	32.4
SouthWest: Patterson Road NB														
10	L2	31	7	31	22.6	0.033	14.0	LOS B	0.7	7.0	0.30	0.65	0.30	50.3
11	T1	848	209	848	24.6	0.749	44.7	LOS D	29.8	333.8	0.91	0.82	0.91	40.4
Approach		879	216	879	24.6	0.749	43.6	LOS D	29.8	333.8	0.89	0.81	0.89	40.7
All Vehicles		1646	480	1646	29.2	0.749	48.5	LOS D	29.8	333.8	0.86	0.83	0.87	35.8

Figure 11: SIDRA Intersection Capacity Analysis Results – PM Peak



Table 1: SIDRA Intersection Capacity Analysis Results Summary

Intersection	Scenario	DOS	Average Delay	Worst Delay	Maximum Queue	Average LOS	Worst LOS
Patterson Road / Kwinana Beach Road	AM Peak - Existing	0.702	42.6s	97.8s	387.7m	D	F
	AM Peak - Construction	0.729	44.1s	100.0s	404.2m	D	F
	PM Peak - Existing	0.719	45.7s	89.3s	319.2m	D	F
	PM Peak - Construction	0.749	48.5s	84.0s	333.8m	D	F

Under the existing scenario, the intersection is modelled as operating mostly within capacity during both peak hours but the following is noted:

- The right turn from Patterson Road operates at Level of Service E as the average delay of 74.3 seconds is longer than the desirable value of 65 seconds. As this is a major intersection between two primary distributor roads in a major industrial area, the longer than standard delay is generally accepted. It is also noted that the 95th percentile queue for this movement is approximately 240 metres which is longer than the available turn lane. However in this case, there are two southbound through lanes and so the through traffic is not completely blocked.
- The right turn onto Patterson Road operates at Level of Service F as the average delay is 97.8 seconds which is also beyond the desirable value of 65 seconds and the same justification as above is applicable for this movement. It is noted that the degree of saturation is below the threshold of 0.9 which may indicate that the delay is due to high volumes of traffic on opposing movements and a high percentage of longer heavy vehicles.

With the addition of the construction traffic, the peak hour intersection performance is largely the same and the modelled increases in delays and queues are marginal. On this basis, the increase in traffic resulting from the construction of the fuel tanks does not warrant any modifications to the road network.

It is further noted that the accuracy of intersection modelling is likely to decrease where there is a high number of heavy vehicles and a wide range of vehicles sizes. The intersection and adjacent section of Kwinana Beach Road has recently been upgraded to improve the geometry for heavy vehicles and it is likely that the actual peak hour operation will have improved or will be improved.



5. Road Safety

5.1. Crash History

The crash history of the adjacent road network was obtained from the MRWA Reporting Centre. The search included the length of Kwinana Beach Road between Patterson Road and Port Road.

A summary of the recorded incidents over the five-year period ending December 2020 is shown in **Figure 12**.

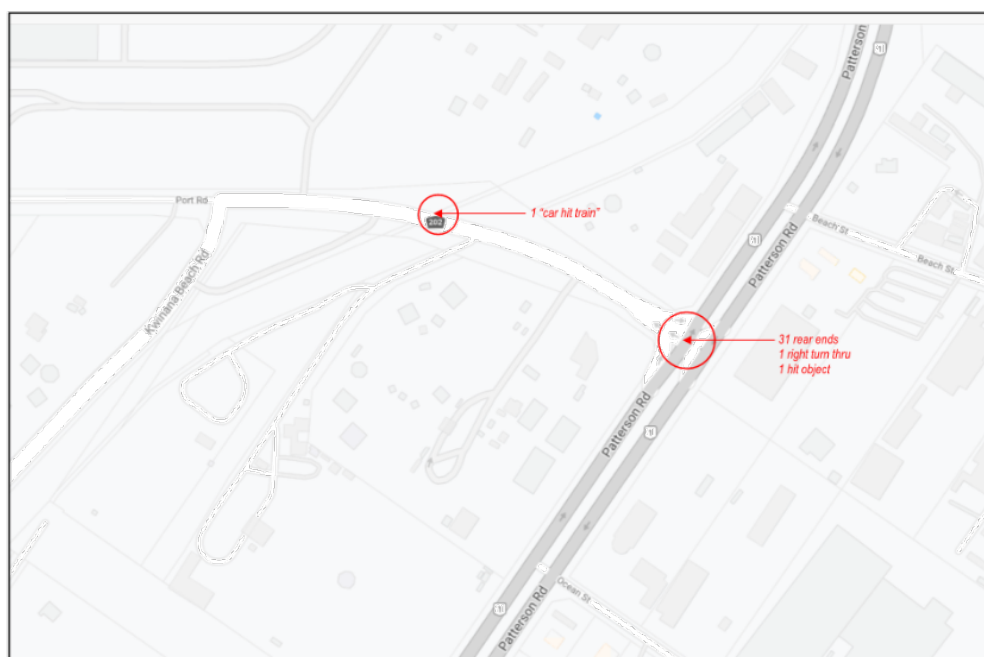


Figure 12: Crash History January 2016 to December 2020

As shown, crashes have occurred at the Patterson Road / Kwinana Beach Road intersection. The majority of these crashes are rear end crashes which are common at major signalised intersections. The number of crashes appear to be proportional to the traffic volumes through the intersection and a review of the crash details indicates that the yearly number of crashes has not changed significantly.

As mentioned previously, the intersection was recently upgraded to improve geometry for heavy vehicles which is likely to make the intersection safer.

The proposed construction activities itself will only generate a moderate volume of traffic for a relatively discrete period of 20 months and there is no indication that the development would increase the risk of crashes unacceptably.



6. Impact on Cyclists

The City of Kwinana has requested consideration of the impacts to cyclists as many cyclists ride through the area, particularly on weekends.

It is noted that Patterson Road, Kwinana Beach and the signalised intersection of these two roads already carry relatively high traffic volumes. The predicted increase in traffic volumes generated by the proposed construction activities (133 vehicles per day) represent a relatively low percentage of the existing traffic volumes (approximately 2.5% of the traffic volume along Kwinana Beach Road and even less on Patterson Road. This increase is unlikely to result in a noticeable impact on cyclist movements in the area beyond the current scenario. The following is also noted:

- The construction period is temporary, lasting approximately 20 months (ending September 2023). After construction, the site generated traffic will reduce to pre-construction levels.
- The 133 vehicles per day is based on the peak month during the construction phase. For the majority of the construction phase, less vehicles are expected. The contractor vehicles make up the majority of the construction traffic movements with approximately 95 contractors expected in January 2023. For 9 of the 20 months, the number of contractors will be less than 50% of the peak month.
- The majority of heavy construction vehicle movements are expected outside of peak periods when there is likely to be less cyclist activity.
- Construction activities will not occur on Sundays and so there will be no impact to cyclists on Sundays.
- Kwinana Beach Road is not included on the Department of Transport's Long Term Cycling Network which is shown in **Figure 13**.

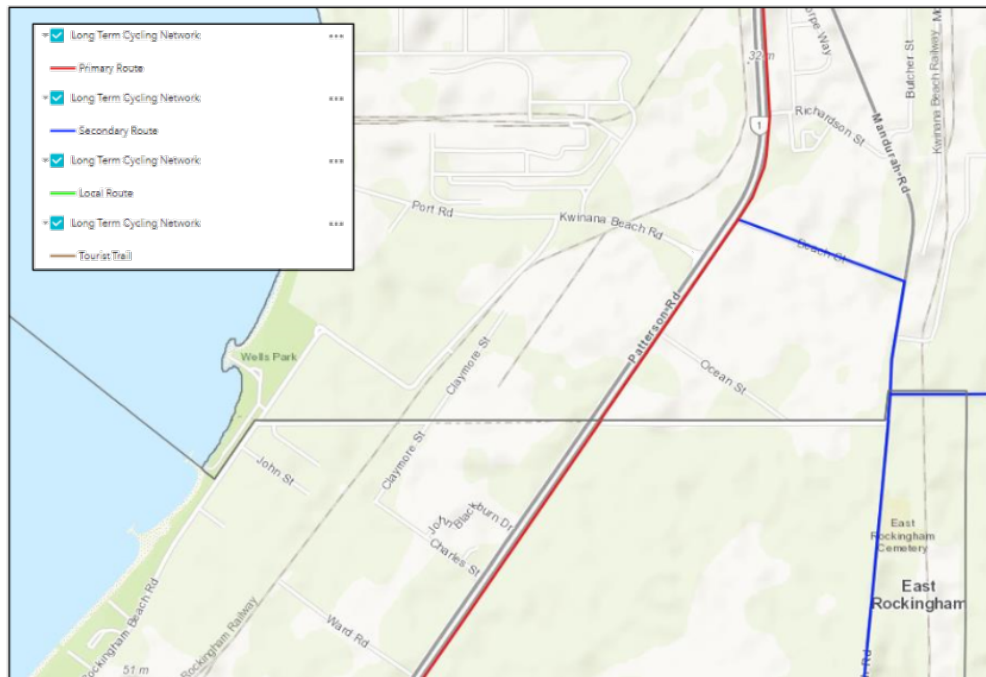


Figure 13: Department of Transport Long Term Cycling Network



7. Conclusions

The Transport Impact Assessment for the proposed construction of new fuel storage tanks at the Coogee Kwinana Terminal concluded the following:

- The maximum daily traffic generation during the 20-month construction period is estimated to be 133 vpd including 100 light vehicles and 33 heavy vehicles.
- The peak hour traffic generation is estimated to be 100 vehicles per hour (vph) being all inbound during the morning peak and all outbound during the afternoon peak. The majority of heavy vehicle movements occur outside of the peak hours of the road network.
- A peak hour capacity analysis of the Patterson Road / Kwinana Beach Road signalised intersection indicates that the intersection is currently operating mostly within capacity except for the right turn movements which are modelled as experiencing delays longer than the desirable 65 seconds. The longer delays are considered acceptable as the intersection is located on the junction of two primary distributor roads within an industrial area where high volumes of heavy vehicles (and therefore delays) are expected by other drivers.
- With the addition of the construction traffic, the peak hour intersection performance is largely the same and the anticipated increases in delays and queues are marginal. On this basis, the increase in traffic resulting from the construction of the fuel tanks does not warrant any modifications to the road network.
- Numerous crashes have occurred at the Patterson Road / Kwinana Beach Road intersection. The majority of these crashes are rear end crashes which are common at major signalised intersections. The number of crashes appear to be proportional to the traffic volumes through the intersection. The intersection was recently upgraded to improve geometry for heavy vehicles which is likely to make the intersection safer.
- The proposed construction activities will only generate a moderate volume of traffic for a relatively discrete period of 20 months and there is no indication that the development would increase the risk of crashes unacceptably.
- The construction activities are unlikely to result in a noticeable impact on cyclist movements in the area beyond the current traffic volumes.



HAZARD IDENTIFICATION AND RISK ASSESSMENT

ATTACHMENT 11

Revision	A
Workshop detail	HAZID for Coogee Terminal 4 Expansion – for the Joint Development Assessment Panel

Participant	Role	Date
Vic Origlio	Project Engineer	27/01/2022
David Orchard	Process Safety Leader	27/01/2022
Justin Sirrell	Construction Supervisor	27/01/2022

RISK ASSESSMENT SCOPE

Note – Minutes have been recorded against the Coogee's standard HAZID guidewords for Joint Development Assessment Panel submissions.

The scope of this HAZID are the new hazards and/or increased risks associated with the construction and operation of Terminal 4, which will comprise 4x tanks storing combustible liquids (in a separate area/bund to the existing chemicals stored onsite). The screening criteria for a Major Incident Event is that the event must:

- Have a potential consequence of permanent disability or fatality; and
- Involve Schedule 1 materials.

No Major Incident Events were identified during the risk assessment process.

Study inputs included the below:

- Proposed layout of facility, outlined in Figure 1;
- Chemicals Safety Data Sheet;
- Previous risk assessments for the storage of similar chemicals; and
- Experience of the study team.

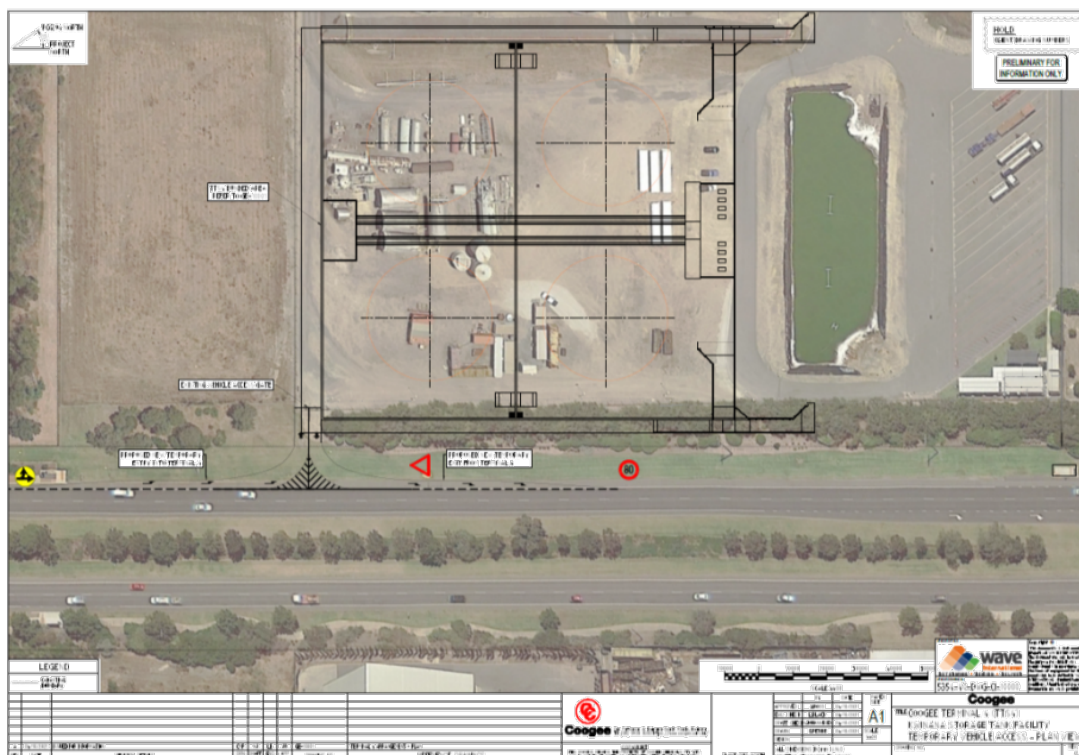


Figure 1: Layout of combustible storage facility



HAZARD IDENTIFICATION AND RISK ASSESSMENT

A review of the MSDS for hazard properties of the chemical/s to be stored or handled in bulk, yielded the below:

Diesel

- Combustible liquid;
- Incompatible with strong acids, halogens, alkalis, strong oxidisers.

Coogee's risk matrix (Figure 2) was used in providing an assessment of risk consequences and likelihoods.

Qualitative Risk Matrix		Consequence				
		Negligible	Minor	Moderate	Major	Catastrophic
People		First Aid	Medical treatment Repetitive work injury Minor office impact, onsite short term clean-up	Single lost time work injury or permanent impairment Reversible short term office impact, onsite medium term impact	Single fatality, Multiple lost time injuries or multiple permanent impairment Long term impact and clean-up on and offsite	Multiple fatalities and multiple permanent impairment injuries Regional off site impact, irreversible impact
Environment		Localized onsite impact, immediate clean-up	Increased audit frequency and/or non-compliance Product quality deviation identified and corrected before supply to customer. Minor procedural deviation	Uncontrolled process variances Repeated product quality deviation, deviation not detected before supply to the customer. QMS surveillance audit frequency increased. Failure to meet customer and end user expectations	Conditional quality certification status, Conditional customer or supply approval only. Repeated uncontrolled process variances and product unreliability. Non-compliance unresolved Regional Product Recall	International Product Recall Loss of quality certification status Loss of customer or supply contract
Quality		Customer/supplier compliance audit non- conformance Minor procedural deviation				
Financial		<\$10K	<\$10K -<\$100K	>\$100K -<\$1M	>\$1M -<\$5M	>\$5M
Reputation		Public awareness no concern	Adverse news in local media, stakeholder concern	Adverse news in state or region, stakeholder concerns Breach of contract, regulations, prosecution, infringement, increased reporting demands	National news, impact to corporate reputation reduced stakeholder support Breach of contract, infringement, fine, enforcement of company and individuals, regulatory suspension	International corporate impact, loss of stakeholder support Litigation or prosecution with damages, custodial sentence for company executive
Legal		Breach of site procedure, standard or direction	Breach of corporate standard			
		1	2	3	4	5
Likelihood		6	5	4	3	2
6	Almost Certain	Repeated events, more than 1 per year in the operations	High 12	Very High 18	Very High 24	Very High 30
5	Likely	Isolated events occurred in operations, near miss events reported	Medium 10	High 15	Very High 20	Very High 25
4	Possible	Has occurred in the life of the operations and organization	Medium 8	High 12	High 16	Very High 20
3	Unlikely	Has not occurred in the organization, but occurred in industry	Medium 6	Medium 9	High 12	High 15
2	Barely	Theoretically possible but unheard of in similar operations	Low 4	Medium 6	Medium 8	Medium 10
1	Remote	Theoretically possible but not aware of any instances	Low 2	Low 3	Low 4	Medium 5
Risk Acceptance Criteria						
Low Risk [1-4] – Manage by routine procedures and work practices.						
Medium Risk [5-10] – Corrective actions other than administrative controls may be needed						
High Risk [12-16] – Additional risk control measures to be implemented and risk reduced before works commence						
Very High Risk [18-30] – Do not undertake work, re-evaluate proposed work methods						

Figure 2: Coogee's risk matrix



HAZARD IDENTIFICATION AND RISK ASSESSMENT

Item	Guideword	Hazard	Consequences	Consequence Level	Frequency Level	Risk Level	MIE Reference Details	Measures / Actions reducing risk	Consequence Level	Frequency Level	Risk Level
1	Geographical considerations / abnormalities	No new impact.									
2	Population Proximity	No new impact.						<ul style="list-style-type: none"> The expansion is for an existing plant located within a designated industrial park. No population other than personnel at other industrial facilities is potentially affected by the expansion. 			
3	Surrounding Land Use	Potential for impact on people using nearby roads in the event of a tank fire.	Potential impact to people driving.	Major 4	Rare 2	Medium 8	Not applicable.	1) Only combustibles to be stored in tanks, making a tank-on-fire scenario extremely unlikely; 2) Existing site fire prevention and mitigation strategies to be used for Terminal 4. 3) Minimum distances to protected places to be incorporated in design, in accordance with AS1940.	Major 4	Rare 2	Medium 8
4	Potential Impact on Neighbouring Facilities	No new impact.						4) Regulatory approvals will be obtained from DMIRS, DWER and the City of Kwinana. 5) Related risk studies (e.g. HAZOP, LOPA and/or QRA) will be updated to confirm that risk contours do not exceed national guidelines.			
5	Infrastructure	No new impact.						<ul style="list-style-type: none"> All new infrastructure will be located within Coogee's lease boundaries. 			
6	Normal Communications	No new impact.									
7	Emergency Communications	Project/construction personnel do not take correct action in the event of an emergency situation.	Credible, worst-case result is that in the event of an emergency, a permanent disability or fatality results.	Major 4	Remote 1	Low 4	Refer to all MIEs specifically addressing causes of Loss Of Containment of Schedule 1 substances. (Not a new MIE).	6) Ensure Construction Safety Management Plan supplements emergency response procedure for project/construction personnel in the event of an emergency.	Major 4	Remote 1	Low 4
8	Access	Plant access frequency by vehicles will be increased.	Increased traffic may increase the risk of traffic incident.	Major 4	Unlikely 3	High 12	Not applicable.	7) Ensure Construction Safety Management Plan addresses access and egress for all project traffic. 8) Have a Traffic Impact Assessment conducted by a third party, and address any areas of concern.	Major 4	Rare 2	Medium 8
9	Environmental Conditions	Possible increased dust in area.	Impact on Patterson Road and reduced visibility on road, contributing to traffic incident.	Moderate 3	Unlikely 3	Medium 9	Not applicable.	9) Dust management plan to be put in place.	Minor 1	Unlikely 3	Low 3
10	Extreme weather /cyclone/monsoon	High winds during construction.	Failure of tanks during construction.	Catastrophic 5	Unlikely 3	High 15	Not applicable.	10) Ensure CB&I implement new stiffening system during construction. 11) Confirm CB&I are prepared in advance for adverse wind conditions (e.g. by employing own meteorologist to advise on such weather). 12) Confirm that project is adequately insured to protect Coogee against this type of loss.	Moderate 3	Rare 2	Medium 6
11	Extreme weather /cyclone/monsoon	Heavy rain during construction.	Construction delays and dewatering required, resulting in additional costs.	Moderate 3	Possible 4	High 12	Not applicable.	13) Storm Water Management Plan put in place to dewater in the event of a heavy rain event.	Moderate 3	Possible 3	Medium 9
12	Prevailing wind direction	Refer to item 9 (possible increase in dust).									
13	Lightning or highly static environmental conditions	No new impact.									
14	Subsidence	Subsidence of ground and subsequent	Structural issues with tanks and/or failures relating to inadequate groundwork.	Catastrophic 5	Unlikely 3	High 15	Not applicable.	14) Existing geotechnical survey conducted on the footprint of the new terminal to ensure ground stability due to imposed loads from tank.	Catastrophic 5	Remote 1	Medium 5
15	Seismic activity	No new impact.									
16	Tsunami	No new impact.									



HAZARD IDENTIFICATION AND RISK ASSESSMENT

Item	Guideword	Hazard	Consequences	Consequence Level	Frequency Level	Risk Level	MIE Reference Details	Measures / Actions reducing risk	Consequence Level	Frequency Level	Risk Level
17	Radioactivity	Increased frequency of radiography on site.	Health impacts to personnel inadvertently exposed to radiation.	Moderate 3	Unlikely 3	Medium 9	Not applicable.	15) Ensure NDT radiography on pipe welds is managed via existing Permit to Work system. 16) Reduce NDT as practicable, by ensuring majority of pipe work will be plastic.	Moderate 2	Unlikely 3	Medium 6
18	Man Made	Refer to item 9 (possible increase in dust).									
19	Man Made	Refer to item 11 (storm water removal).									
20	Security	Unauthorised access to plant achieved via construction access.	Greater potential for personnel to be harmed in plant.	Moderate 3	Unlikely 3	Medium 9	Not applicable.	17) Consider additional security monitoring via cameras or security guards. 18) Consider erecting temporary construction fencing to separate construction area from plant areas (i.e. to be left in place until pre-commissioning for tie-ins, de-isolation etc.) 19) Confirm contractor processes are in place to reduce the likelihood of successful theft.	Moderate 3	Rare 2	Medium 6
21	Security	Active thieves operating in area with potential to cause significant damage/costs/delays.	Damage to plant, loss of equipment and delays to project	Moderate 3	Likely 5	High 15	Not applicable.	17) Consider additional security monitoring via cameras or security guards. 18) Consider erecting temporary construction fencing to separate construction area from plant areas (i.e. to be left in place until pre-commissioning for tie-ins, de-isolation etc.) 19) Confirm contractor processes are in place to reduce the likelihood of successful theft.	Moderate 3	Possible 4	High 12
22	Third party intervention	No new impact.									
23	Environmental Impact	No new impact.									
24	Discharges to air	No new impact.									
25	Uncontrolled discharges to water and soil	No new impact.									
26	Potential cross contamination	No new impact.									
27	Process upset conditions	No new impact.									
28	Waste Disposal	Disposal of general construction waste generated during construction.	Potential for environmental impact if disposal methods are inadequate.	Minor 2	Possible 4	Medium 8	Not applicable.	20) Ensure skip bins are provided on-site for proper disposal of general waste.	Minor 2	Rare 2	Low 4
29	Waste Disposal	Disposal of construction toilet waste.	Potential for environmental impact if disposal methods are inadequate.	Minor 2	Possible 4	Medium 8	Not applicable.	21) Ensure self-contained toilets are provided on site. 22) Ensure toilets are routinely pumped out with a vac-truck. 23) Ensure waste is disposed of at an appropriate off-site disposal facility.	Minor 2	Rare 2	Low 4
30	Material and Equipment	General construction equipment (cranes, EWPs, earth-moving equipment)	Personnel/vehicle interaction resulting in serious injury or death.	Major 4	Unlikely 3	High 12	Not applicable as no Schedule 1 substance involved.	24) Ensure Construction Safety Management Plan details requirements for vehicles and access. 25) Ensure Traffic Management Plan provides detail on the requirements to minimise the risk of significant vehicular impacts. 26) Ensure Safe Work Method Statements are in place for use of general construction equipment (Equipment inspections, pre-starts etc.)	Major 4	Remote 2	Medium 8
31	Corrosion	No new impact.						• Tanks have a corrosion allowance built into design service life, and are inspected in accordance with design and risk.			
32	Erosion	No new impact.						• Concrete bund floor, so minimal impact from rain events.			
33	Fatigue	No new impact.									



HAZARD IDENTIFICATION AND RISK ASSESSMENT

Item	Guideword	Hazard	Consequences	Consequence Level	Frequency Level	Risk Level	MIE Reference Details	Measures / Actions reducing risk	Consequence Level	Frequency Level	Risk Level
34	Material defects	No new impact.						• Ensure project specifications detail the Quality Control processes and requirements to prevent material defects.			
35	Welding defects	No new impact.						• Ensure project specifications detail welder qualifications, NDT requirements, and any specific requirements for plastic pipe installation.			
36	Wear	No new impact.						• Ensure adequate Mechanical Design to cover all pertinent failure modes.			
37	Creep	No new impact.						• Ensure adequate Mechanical Design to cover all pertinent failure modes.			
38	Mechanical failure	No new impact.						• Ensure adequate Mechanical Design to cover all pertinent failure modes.			
39	Hazardous area classification	Ignition source causing fire in proximity of storage tanks.	Fire results in plant or equipment damage, or injury to personnel.	Major 4	Rare 2	Medium 8	Not applicable as no Schedule 1 substance involved.	27) Hazardous area classification will be reviewed by regular Hazardous Area consultant as part of the project.	Major 4	Remote 1	Low 4
40	Functional	No new impact.									
41	Dropped load	General construction equipment (cranes, EWP's, earth-moving equipment)	Personnel serious injury or fatality from dropped load.	Major 4	Unlikely 3	High 12	Not applicable.	24) Ensure Construction Safety Management Plan details requirements for vehicles and access. 25) Ensure Traffic Management Plan provides detail on the requirements to minimise the risk of significant vehicular impacts. 28) Contractor Selection Process focuses on engaging contractors that meet Coogee's safety expectations with regards to employing qualified/skilled personnel and adequate supervision.	Major 4	Rare 2	Medium 8
42	Impact	Increased frequency of vehicles within plant area	Plant damage from vehicle impact.	Moderate 3	Unlikely 3	Medium 9	Not applicable.	24) Ensure Construction Safety Management Plan details requirements for vehicles and access. 25) Ensure Traffic Management Plan provides detail on the requirements to minimise the risk of significant vehicular impacts. 28) Contractor Selection Process focuses on engaging contractors that meet Coogee's safety expectations with regards to employing qualified/skilled personnel and adequate supervision.	Moderate 3	Rare 2	Medium 6
43	Vessel collision	Increased frequency of vehicles within plant area	Personnel serious injury or fatality from vehicle impact.	Major 4	Unlikely 3	High 12	Not applicable.	24) Ensure Construction Safety Management Plan details requirements for vehicles and access. 25) Ensure Traffic Management Plan provides detail on the requirements to minimise the risk of significant vehicular impacts. 28) Contractor Selection Process focuses on engaging contractors that meet Coogee's safety expectations with regards to employing qualified/skilled personnel and adequate supervision.	Major 4	Rare 2	Medium 8
44	Low temperature embrittlement	No new impact.									
45	Human error	No new impact.									
46	Structural failure	No new impact.						• Ensure adequate Mechanical Design to cover all pertinent failure modes.			
47	Fire & Explosion Protection Concept	No new impact – combustible only storage means fire very unlikely.	Fire results in plant or equipment damage, or injury to personnel.	Major 4	Rare 2	Medium 8	Not applicable.	1) Only combustibles to be stored in tanks, making a tank-on-fire scenario extremely unlikely; 2) Existing site fire prevention and mitigation strategies to be used for Terminal 4. 29) Hazardous area classification will be reviewed by regular Hazardous Area consultant as part of the project.	Major 4	Remote 1	Medium 4
48	Gas ingress into non-hazardous areas	No new impact.									
49	Smoke ingress	No new impact.									
50	Jet fire - gas	Not a credible scenario.									
51	Jet fire - liquid	Not a credible scenario.									



HAZARD IDENTIFICATION AND RISK ASSESSMENT

Item	Guideword	Hazard	Consequences	Consequence Level	Frequency Level	Risk Level	MIE Reference Details	Measures / Actions reducing risk	Consequence Level	Frequency Level	Risk Level
52	Bund fire	No new impact – combustible only storage means fire very unlikely.	Fire results in plant or equipment damage, or injury to personnel.	Major 4	Rare 2	Medium 8	Not applicable.	1) Only combustibles to be stored in tanks, making a tank-on-fire scenario extremely unlikely; 2) Existing site fire prevention and mitigation strategies to be used for Terminal 4. 29) Hazardous area classification will be reviewed by regular Hazardous Area consultant as part of the project.	Major 4	Remote 1	Medium 4
53	Pool fire	Not a credible scenario.									
54	Confined pool fire	Not a credible scenario.									
55	Seal pool fire	Not a credible scenario.									
56	Flash fire	Not a credible scenario.									
57	Explosion, dust, VCE internal	Not a credible scenario.									
58	BLEVE	Not a credible scenario.									
59	Projectiles	Not a credible scenario.									
60	Electrical fire	Electrical fire caused by fault on installed equipment.	Electrical fire and subsequent property damage (new Terminal power supply, including transformer).	Moderate 3	Possible 4	High 12	Not applicable.	30) Working with Western Power design consultancy in preparation for the grid connection application and layout with respect to fire risk. 31) Ensure electrical equipment is located within a fire proof room. 32) Ensure that electrical equipment complies with the relevant Australian standards.	Moderate 3	Rare 2	Medium 6
61	Electrical fire	Electrical fire caused by portable equipment or vehicles (e.g. EWP).	Electrical fire and subsequent property damage.	Moderate 3	Possible 4	High 12	Not applicable.	33) Regular equipment inspections for equipment which may pose risk of electrical fire.	Moderate 3	Unlikely 3	Medium 9
62	Other fire - External fire threat	Brush fire whilst undertaking hot work.	Subsequent environmental impacts to surrounding environment.	Moderate 3	Possible 4	High 12	Not applicable.	34) Ensure that Contractor Safe Work Method Statements have adequate controls for the threat of causing brush fires (e.g. a Safe Work Method Statement may require a fire extinguisher, a designated water tank etc. for fire-fighting purposes, where such fire risks exist). 35) Set up sprinklers dependent on proximity to Landcorp as a mitigating control, to be monitored and set up as required.	Moderate 3	Unlikely 3	Medium 9
63	Structural Failure as a result of fire	No new impact.									
64	Dropped loads and falling structures	Falling tools or equipment onto personnel below.	Personnel serious injury or fatality from dropped load.	Major 4	Unlikely 3	High 12	Not applicable as no Schedule 1 substance involved.	36) Ensure Construction Safety Management Plan details the requirements and controls for crane lifts and protection from dropped objects.	Major 4	Rare 2	Medium 8
65	Vessel impacts and collision	Not a credible scenario.									
66	Loss of Utilities	Not a credible scenario.						• Contractors will provide own utilities.			
67	Electricity	Not a credible scenario.						• Contractor will employ the use of a diesel generator.			
68	Cooling water	No new impact.									
69	Potable water	No new impact.									
70	Fire water	No new impact.						• The fire water ring main will be extended around Terminal 4.			
71	Compressed air	No new impact.						• The existing compressed air system will be extended.			
72	Instrument air	No new impact.									



HAZARD IDENTIFICATION AND RISK ASSESSMENT

Item	Guideword	Hazard	Consequences	Consequence Level	Frequency Level	Risk Level	MIE Reference Details	Measures / Actions reducing risk	Consequence Level	Frequency Level	Risk Level
73	Steam	No new impact.									
74	Nitrogen	No new impact.									
75	Breathable air	No new impact.									
76	Exposure Controls – Toxics	No new risk.									
77	Exposure Controls – Corrosives	No new risk.									
78	Exposure Controls - Irritants	No new risk.									
79	Ergonomics	No new risk.									
80	Noise	Construction phase may result in additional noise sources.	Additional noise may impact adversely on neighbours.	Minor 2	Possible 4	Medium 8	Not applicable.	• Noise will be monitored throughout the project, and additional controls implemented if required.	Minor 2	Possible 4	Medium 8
81	Machinery Guarding	No new risk.									
82	Confined spaces	Person working in a confined space with toxic substances or inadequate oxygen.	Fatality or permanent disability due to asphyxiation or toxic reaction.	Major 4	Possible 4	High 16	Not applicable as no Schedule 1 substance involved.	37) Ensure Construction Safety Management Plan outlines requirements for undertaking high risk activities (e.g. working at heights, working in confined spaces). 38) Ensure all construction personnel undergo site induction and area walk around. 39) Ensure Contractor Safe Work Method Statements are in place for Confined Space tasks. 40) Ensure Permit to Work process is followed for Confined Space Entry tasks in Operational Plant.	Major 4	Remote 2	Medium 8
83	Working at Heights	Person working at heights during construction or commissioning.	Fatality or permanent disability due to fall from heights.	Major 4	Possible 4	High 16	Not applicable as no Schedule 1 substance involved.	37) Ensure Construction Safety Management Plan outlines requirements for undertaking high risk activities (e.g. working at heights, working in confined spaces). 38) Ensure all construction personnel undergo site induction and area walk around. 41) Ensure Contractor Safe Work Method Statements are in place for Working at Heights tasks. 42) Ensure Permit to Work process is followed for Working at Heights tasks in Operational Plant.	Major 4	Remote 2	Medium 8
84	Heat	Risk to personnel during hot periods	Lost time injury due to heat stroke.	Moderate 3	Possible 4	High 12	Not applicable.	37) Ensure Construction Safety Management Plan outlines requirements for working in heat (i.e. adequately outlines risk mitigation controls for heat stress). 38) Ensure all construction personnel undergo site induction and area walk around. 43) Ensure Contractor Safe Work Method Statements are in place for tasks with prolonged exposure to heat. 44) Coogee to promote hydration via toolboxes and infrastructure (e.g. taking rest breaks to enable hydration, and getting out of extreme heat).	Moderate 3	Unlikely 3	Medium 9
85	Dropped Objects	A construction task results in a dropped object.	Personnel serious injury or fatality from dropped load.	Major 4	Unlikely 3	High 12	Not applicable as no Schedule 1 substance involved.	45) Ensure Construction Safety Management Plan details the requirements and controls for crane lifts and protection from dropped objects. 46) Ensure Construction Safety Management Plan details the requirements for adequate drop-zones and bunting. 47) Ensure Construction Safety Management Plan details the requirements for adequate hoarding.	Major 4	Rare 2	Medium 8
86	Vehicle Movements	More vehicle movements through site due to construction activities.	Fatality or permanent disability due to vehicle impact with personnel.	Major 4	Unlikely 3	High 12	Not applicable as no Schedule 1 substance involved.	24) Ensure Construction Safety Management Plan details requirements for vehicles and access. 25) Ensure Traffic Management Plan provides detail on the requirements to minimise the risk of significant vehicular impacts. 48) Consider painting lines or markings on road, for contract personnel to navigate to correct locations and reduce likelihood of traffic incident.	Major 4	Rare 2	Medium 8

ATTACHMENT 12



Bushfire Risk Management Plan Kwinana Storage Tank Facility

Address:

Lot 3 Kwinana Beach Road, Kwinana

Prepared for:

Coogee

Prepared by:

Bushfire Smart

January 2022



Document Control

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1 Introduction

1.1 Background

Lot 3 Kwinana Beach Road, Kwinana (subject lot) is an 8.11 hectare flat parcel of land and in a rough rectangular shape. The subject land is within an existing industrial area and bordered by a grassed reserve to the southwest and unmanaged vegetation further to the south.

This Bushfire Risk Management Plan (BRMP) has been prepared for Coogee (the proponent) in accordance with State Planning Policy 3.7 (WAPC, 2015). The risk management processes used to develop this BRMP are aligned to the key principles of *AS/NZS ISO 31000:2018 Risk management – Principles and guidelines* (AS/NZS ISO 31000:2018), as described in the Second Edition of the *National Emergency Risk Assessment Guidelines* (NERAG) (AIDR, 2020).

The Dangerous Goods Safety (Storage and Handling of Non-Explosives) Regulations 2007 requires the operator to develop separate risk assessment that addresses risks other than bushfire. In addition, these regulations require the preparation of an emergency plan for fuel depots. This emergency plan is to reflect the site layout and bushfire risk, as detailed in this BRMP.

1.2 Aim and Objectives

The aim of this BRMP is to identify, assess and specify treatments to assist the protection of life and property on the subject land.

The objective of the BRMP is to effectively manage bushfire risk within the property at Lot 3 Kwinana Beach Road, Kwinana to protect people and infrastructure. Specifically, the objectives of this BRMP are to:

- Undertake a bushfire risk assessment of the potential bushfire threats to the property and proposed development.
- Address areas of unacceptable risk, the causes of such risk and develop appropriate mitigation measures to promote the protection of life and property as a priority.
- Establish procedures to monitor and review the implementation of treatments to ensure risk is managed at an acceptable level.

1.3 Legislation, Policy and Standards

The following legislation, policy and standards were applicable in the development and implementation of the BRMP.

1.3.1 Legislation

- Bush Fires Act 1954
- Bush Fires Regulations 1954
- Planning and Development (Local Planning Scheme) Regulations 2015



1.3.2 Policies, Guidelines and Standards

- National Emergency Risk Assessment Guidelines (NERAG) (Second Edition 2015, Updated 2020)
- AS/NZS ISO 31000:2018 - Risk management – Principles and guidelines
- State Planning Policy 3.7: Planning in Bushfire Prone Areas (WAPC)
- State Planning Policy 3.4: Natural Hazards and Disasters (WAPC)
- Guidelines for Planning in Bushfire Prone Areas (WAPC 2017)
- AS 3959-2018, Construction of buildings in bushfire-prone areas (AS 2018)
- Western Australian Emergency Risk Management Guidelines (OEM 2015)
- NCC 2019 Volume 2 Part G5
- AS3745-2010, Planning for Emergencies in Facilities (AS 2010)
- AS1940-2017, The storage and handling of flammable and combustible liquids (AS 2017)



2 The Risk Management Process

The risk management processes used to identify and address risk in this BRM Plan are aligned with the international standard for risk management, AS/NZS ISO 31000:2018, as described in NERAG (2015, Updated 2020). This process is outlined in Figure 1 below.

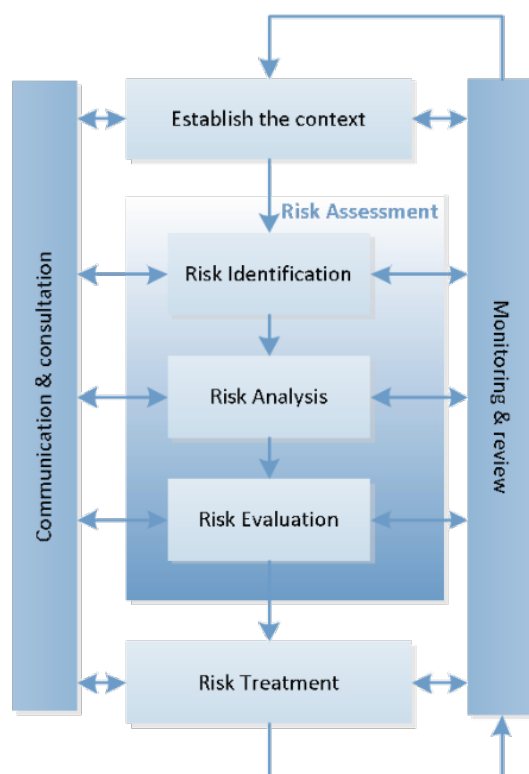


Figure 1 - An overview of the risk management process¹

AS/NZS ISO 31000:2018 can be used to determine the inherent risk (the level of risk after current controls and the treatments required to achieve an acceptable residual risk (the level of risk that remains after risk treatment) for a bushfire event.

¹ Source: AS/NZS ISO 31000:2018, Figure 3.



2.1 Likelihood Rating

The likelihood is based on the annual exceedance probability (AEP), or the chance of an event occurring once in a year. This can then be translated into average recurrence interval (ARI) as shown in Table 4.1.

Table 4.1 Likelihood Level

Likelihood Rating	Annual Recurrence Interval (ARI) (indicative)
Almost Certain	Expected to occur at least yearly. (AEP =>63%)
Likely	Expected to occur at very 1 to <10 years. (AEP 10% to < 63%)
Unlikely	Expected to occur at very 10 to <100 years. (AEP 1% to < 10%)
Rare	Expected to occur every 100 years or more. (AEP less than 1%)

2.2 Consequence Rating

A consequence assessment needs to be allocated against each risk description developed as part of the BRMP. Consequences can be categorised into four broad groups that include:

- people consequences (e.g., Death or injury),
- economic consequences (e.g., Loss of an asset, loss of profit),
- environmental consequence (e.g., Loss of, or damage to, a habitat),
- social consequences (e.g., Loss of community space or assets)

The following table shows the consequence rating the associated descriptor used in the plan.

Table 4.2 - Qualitative measure of Consequence

Consequence Rating	Descriptions
Catastrophic	Loss of life. Extensive number of severe injuries Extensive displacement of persons for extended duration Loss of significant asset(s) Permanent damage to environmental or cultural assets
Major	Persons with significant injuries Large number of persons displaced (more than 24 hours duration) Serious damage to significant assets Significant damage to environmental or cultural assets
Moderate	Persons with injuries Isolated cases of displaced persons who return within 24 hours. Moderate Amount of Property Damaged Isolated cases of damage to environmental or cultural assets
Minor	Minor Injuries No persons are displaced Inconsequential damage to assets. Inconsequential damage to environmental or cultural assets
Insignificant	Little to no public injury or impact to property



2.3 Risk Matrix

After combining the qualitative measures of both likelihood and consequence a determination can be made on the level of risk to each identified asset. Table 4.3 shows how likelihood and consequence combine to give the risk rating.

Table 4.3 – Qualitative Risk Matrix²

Consequence Likelihood	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	Medium	Medium	High	Extreme	Extreme
Likely	Low	Medium	High	Extreme	Extreme
Unlikely	Low	Low	Medium	High	Extreme
Rare	Very Low	Low	Medium	High	High

2.4 Risk Acceptability

Once the level of risk has been determined, criteria is assigned to describe that level of risk. This qualitative descriptor provides guidance as to whether the level of risk is acceptable. The treatments applied can then be further analysed to determine if the treatment has reduced the risk to a more acceptable level. The acceptability used for this risk assessment is shown the following Table 4.4.

Table 4.4 – Criteria for Acceptance of Risk and Course of Action

Risk Level	Criteria for Acceptance of Risk	Risk Evaluation	Second Order Evaluation
Extreme	The consequence of bushfire is an intolerable risk to life and property. Requires immediate mitigation measures. If unable to apply measures these areas should not be habitable	1	a-k
High	The consequence of bushfire is an unacceptable risk to life and property. Mitigation measures are necessary.	2	a-k
Medium	The consequence of bushfire presents a potentially unacceptable risk to life and property. Mitigation measures may be necessary to reduce to risk to life and property and be implemented within an agreed timeframe	3	a-k
Low	The consequence of bushfire presents an acceptable risk to life and property. Some mitigation measures are necessary to reduce to risk to life and property and be implemented within an agreed timeframe, considering cost to the resident/community	4	a-k
Very Low	The consequence of bushfire presents an acceptable risk to life and property. Basic mitigation measures can be applied at the resident discretion.	5	a-k

The likelihood, consequence, and acceptability of the risk level for the proposal has been assessed and collated into Table 5.1 in section 5.

² Source: Table 11, National emergency Risk Assessment guidelines



3 Establishing the Context

The context that is important in respect to a high-risk development under SPP3.7 is the activities on the site that has the potential to influence the bushfire risk. In particular, the potential it will contribute to the ignition of a bushfire, the potential for it increasing the severity of a bushfire, the potential for the site to impact the safety of fire fighters or the community during a bushfire event, the potential for adverse environmental impacts through increased contaminants in the run off or fumes escaping from site.

3.1 Location

The subject lot is an 8.11 Hectare parcel. The lot is within the City of Kwinana and accessed via Kwinana Beach Road



Figure 2: Location Plan

3.2 Topography and Landscape Features

The subject lot is an existing industrial lot with a small strip of vegetation running along Patterson Road. The lots immediately adjacent to the lot are industrial lots with the exception of a reserve containing grassland type vegetation to the south.

3.3 Climate and Bushfire Season

The closest weather station to the site is the Garden Island station, approximately 11 kilometres from the site. The temperature data shows the highest maximum temperatures are achieved in the months of December through to March. This aligns with the City of Kwinana's declared bushfire season of 1st December to 31st of May (City of Kwinana, 2021).



3.4 Proposal

The proposal is for the addition of 6 diesel storage tanks of 30 million litres each, along with associated hard stand and infrastructure. The site contains a diesel fuel tank, spacing, and turnaround areas allowing for large vehicles to enter and access the refuelling areas. The tanks and bowzers are well set back from the bushfire threat and attain a BAL of 19.

4 Bushfire Risk Assessment

4.1 Identifying Bushfire risk

In evaluating the bushfire risk for the proposal, an assessment of the fire scenarios likely to impact the area, within the context of SPP3.7, has been undertaken. The following scenarios have been developed:

1. External fire risk. Fire starting on the site and escaping to the vegetation on the reserve to the south and continuing to threaten properties adjoining the vegetation.
2. Inward fire risk. Fire starting in the vegetation to the south and threatening the site.
3. Responders Risk. Hazardous and flammable material on site creating as risk to firefighters and first responders.
4. Environmental Risk. Hazardous materials escaping from site during a bushfire event including from water runoff during firefighting activities.

4.2 Evaluating Bushfire Risk

The above identified risks have been evaluated using the Likelihood and consequence descriptors from NERAG 2020 as detailed in Section 2. These have then been combined into a risk Matrix in tables 4.1 through to 4.4 to determine the risk matrix and analyse the effectiveness of potential treatments.

4.2.1 External Fire Risk

Likelihood

As the site is a fuel storage site, fuel spills at some stage are possible and could be caused by operator error, or equipment failure. While there is also a possibility of a vehicle collision causing damage to equipment, the likelihood of this causing a spill is low.

Any fuel spillage is likely to be captured by the bunding and catchment area installed on the site and is unlikely to leave the site. Given the likelihood of a spill is low, the likelihood of a spill combined with an ignition source causing a fire on the site and escaping to the vegetation on the reserve to the south and continuing to threaten properties adjoining the vegetation is very low.



Consequence

The site is surrounded by industrial land, predominantly hardstand type development. There is a grassed reserve and section of remnant bushland further to the south. The reserve to the south, while classified as grassland in the BMP, appears to be maintained regularly. Therefore, the fuel load in the reserve appears to be minimal. All other vegetation is set well back from the site.

Assessed Risk

Likelihood: There is a chance that this could occur once every 10 years or more: **Unlikely**

Consequence: No lasting damage to assets, little or no recovery efforts required: **Minor**

Risk Treatment

The following risk treatments are to be introduced to aid in the reduction of the likelihood, the consequence, or both:

- Install bunding around the tank to contain fuel spills as per Dangerous Goods Safety Act 2004 and Australian Standard 1940: 2017 The storage and handling of flammable and combustible liquid.
- Install vehicle restraints (E.G. Kerbs or Bollards) to prevent vehicle damage to tanks.
- Fire extinguishers to be located within the subject site at each filling point.
- A spill kit to be kept on site and signposted.
- Fire service to be called if a spill covers an area greater than 2m² and it is not considered safe to be cleaned on site.
- Develop an emergency management plan for the site in accordance with Australian Standard 3745-2010 Planning for emergencies in facilities (SA 2010).
- All possible ignition sources such as hot works or electrical equipment and repairs, to be managed as required by operators of dangerous goods sites.

Table 4.1: External Fire Risk

Consequence Likelihood	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	Medium	Medium	High	Extreme	Extreme
Likely	Low	Medium	High	Extreme	Extreme
Unlikely	Low	Low	Medium	High	Extreme
Rare	Very Low	Low	Medium	High	High



4.2.2 Inward Fire Risk

Likelihood

A fire starting on the reserve or remnant vegetation to the south, could be fuelled by easterly winds that are to be expected in the mornings of the bushfire season coinciding with a rising FDI. This scenario would subject the site to ember attack and possible radiant heat. The tank itself would not be expected to experience direct flame contact, however the site may be subject to ember attack. This has the potential to cause a fire on the subject site if these embers were to meet open flammable materials or an existing unmanaged fuel spill. Should the site be allowed to accumulate dead vegetation such as leaf litter, or other material that may blow in from the adjacent reserve, an ember could land on this debris and cause an ignition.

Consequence

Should any embers, discussed in the likelihood section, land on flammable material, it may create a small spot fire. The fire size would depend on the volume of flammable liquid available to the fire. If proper controls are carried out, the amount of flammable liquid should be minimal. This would not be expected to cause any lasting damage to the tank or associated equipment and would either self-extinguish or be brought under control with the firefighting equipment available on site.

Embers igniting vegetation debris left on the site that has travelled in from the reserve or other places would have a similar affect and cause a small spot fire. The amount of fuel available to the fire will be critical in the resulting consequence. Therefore, the landscaping and general maintenance of the hardstand and associated gardens is critical to ensure the consequence is minimised.

Risk Treatment

The following risk treatments are to be introduced to aid in the reduction of the likelihood, the consequence, or both:

- The emergency management plan developed for the site in accordance with Australian Standard 3745-2010 Planning for emergencies in facilities (SA 2010) must incorporate a response to a bushfire in the reserve to the south.
- All occupants who may work at the site to be trained in responding and managing all emergency incident in accordance with the emergency management plan for the site.
- Regular garden and site maintenance to be carried out to ensure no leaf litter or the like is on site. Daily inspections required during the bushfire season.
- All existing and future landscaping is to comply with the Standards for Asset Protection Zones (WAPC 2017).

Assessed Risk

Likelihood: There is a chance that this could occur once every 10 years or more: **Unlikely**

Consequence: No lasting damage to asset, little or no recovery efforts required: **Minor**



Table 4.2: Inward Fire Risk

Consequence Likelihood	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	Medium	Medium	High	Extreme	Extreme
Likely	Low	Medium	High	Extreme	Extreme
Unlikely	Low	Low	Medium	High	Extreme
Rare	Very Low	Low	Medium	High	High

4.2.3 Responders Risk

Likelihood

If a fire started on the reserve or on the site as identified in the previous risks one of the previous risks, fire fighters would be expected to attend the site. The risks that were identified in 4.2.1 and 4.2.2 would require a firefighter response, the likelihood of the event would be the same as those risks already identified.

Consequence

Firefighting activities always contain an element of risk that cannot be eliminated. However, it is important to ensure that this proposal does not increase the risk to fire fighters that would otherwise be expected. Items that would affect the consequences to attending fire fighters include if there are flammable materials stored incorrectly or additional fuel sources, such as unmaintained garden or debris that could result in additional spot fires on the site.

The responding brigade would be Rockingham Fire Station located at 99 Dixon Rd, approximately 10 minutes travel time under normal traffic conditions, no lights and sirens. The response time will depend on the following items (IFEG 2005):

- Notification time
- Dispatch Time
- Arrival Time
- Completion of investigation time
- Completion of search and rescue time
- Fire attack time
- Time to control
- Time to extinguish.

While the completion of a full analysis of fire service intervention is outside the scope of this plan, the consequence to fire fighters will rely on the site minimising the risk of a bushfire threat that increases any of the times identified above.



Risk Treatment

The following risk treatments are to be introduced to aid in the reduction of the likelihood, the consequence, or both:

- Signage to be placed in prominent position to all visitors with emergency contact numbers.
- A current manifest and a dangerous goods site plan to be kept on site as required for dangerous goods site in accordance with the relevant Dangerous Goods Safety Guidance Note (DMIRS 2019) to ensure emergency responders can undertake a properly informed response to an emergency such as a fire.
- The Emergency Plan, Dangerous Goods Manifest, Register of Dangerous Goods and Hazardous Materials, Safety Data Sheets for bulk products kept on site and dangerous goods site layout plan to be stored on site.
- Signage in a position to be readily seen by emergency responders to provide visual warnings of the hazards associated with the storage of fuel required as per relevant codes of practice, Australian Standards, and Regulations.
- An emergency management plan for the site in accordance with Australian Standard 3745-2010 Planning for emergencies in facilities incorporating a bushfire event.

Assessed Risk

The following items could be considered to increase the risk to firefighters:

- Flammable Material: BAL level of 12.5 or low, tank non-combustible. Risk: Low
- Fumes/Toxic Materials: Materials to be enclosed and not expected to ignite. Risk: Low
- Electrical Hazards: No above ground power or gas on site. Risk: N/A
- People Control: No additional bystanders, vulnerable people expected on site. Risk: N/A
- Vehicle Control: Private property with no thorough fare. Risk: N/A
- Falling Debris: No overhead trees or objects on site. Risk: N/A

Likelihood: There is a chance that this could occur once every 10 years or more: **Unlikely**

Consequence: No fatalities, minor injuries possible treated with onsite first aid: **Minor**

Table 4.3: Responders Risk

Consequence Likelihood	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	Medium	Medium	High	Extreme	Extreme
Likely	Low	Medium	High	Extreme	Extreme
Unlikely	Low	Low	Medium	High	Extreme
Rare	Very Low	Low	Medium	High	High



4.2.4 Environmental Risk

Likelihood

The contents of the tank are unlikely to ignite and therefore let off toxic fumes. In the event of a fire on the site, it is expected that fire fighters will attend and commence fire suppression activities as required. A bushfire would need to coincide with a major spillage to cause leaching of toxic runoff into the groundwater system and therefore be considered here. (The risk of a major spillage which does not coincide with a bushfire is outside the scope of this plan).

The tank is setback from the bushfire threat and therefore should not require the continuous application of water for the purposes of cooling during a bushfire event.

Consequence

It would not be expected that significant amounts of contaminant would be flushed into the drainage system.

Assessed Risk

Likelihood: There is a chance that this could occur once every 10 years or more: **Unlikely**

Consequence: Inconsequential damage to environmental or cultural assets: **Minor**

Table 4.4: Environmental Risk

Consequence Likelihood	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	Medium	Medium	High	Extreme	Extreme
Likely	Low	Medium	High	Extreme	Extreme
Unlikely	Low	Low	Medium	High	Extreme
Rare	Very Low	Low	Medium	High	High



5 Bushfire Risk Treatment

The purpose of a risk treatment is to reduce the likelihood of a bushfire occurring and/or the potential impact of a bushfire. This is achieved by implementing treatments that modify the characteristics of the hazard, the community, or the environment. The following treatments will assist to mitigate the bushfire risk within the subject site.

5.1 Fire Protection

Fire extinguishers to be located within the subject site at each filling point.

A spill kit to be kept on site and signposted. Fire service to be called if a spill covers an area greater than 2m² and it is not considered safe to be cleaned on site.

5.2 Evacuation Plan

Coogee to develop an emergency management plan for the site in accordance with Australian Standard 3745-2010 Planning for emergencies in facilities (SA 2010), identifying evacuation triggers, depicting muster points on-site, and incorporating actions in a bushfire event.

5.3 Personnel Training

All occupants who may work at the site to be trained in responding and managing an emergency incident in accordance with the emergency management plan for the site. At least one staff member to be on call at any time to respond to incidents on the site. Contact number(s) for assistance to be prominently displayed on site.

5.4 Bushfire Response

The bushfire response will be provided by Career firefighters based at the Rockingham Fire Station approximately 5.6 kilometres from the site.

5.5 Site Requirements

All existing and future landscaping is to comply with the Standards for Asset Protection Zones (WAPC 2021).

Install bunding around the tank to contain fuel spills as per Dangerous Goods Safety Act 2004 and Australian Standard 1940: 2017 The storage and handling of flammable and combustible liquid.

Install infrastructure to prevent vehicle damage to tanks.

5.6 Sundry Items

Manifest

A current manifest and a dangerous goods site plan to be kept on site as required for dangerous goods site in accordance with the relevant Dangerous Goods Safety Guidance Note (DMIRS 2019) to ensure emergency responders can undertake a properly informed response to an emergency such as a fire.



Storage of documents

The Emergency Plan, Dangerous Goods Manifest, Register of Dangerous Goods and Hazardous Materials, Safety Data Sheets for bulk products kept on site and dangerous goods site layout plan to be stored in Manifest Box on site and at main office.

Ignition Sources

All possible ignition sources such as hot works or electrical equipment and repairs, to be managed as required by operators of dangerous goods sites.

Signage

Signage in a position to be readily seen by emergency responders to provide visual warnings of the hazards associated with the storage of fuel required as per relevant codes of practice, Australian Standards, and Regulations.

Licencing

Renew and maintain dangerous goods site licence for the life of the site

5.7 Residual Risk

The above analysis of the risk in accordance with *AS/NZS ISO 31000:2018 Risk management – Principles and guidelines* demonstrates, that while the tank and self-service filling points is not without risk, the risk is low. The response to a bushfire event is not further complicated through the establishment of this proposal.



6 Roles and Responsibilities

The following table sets out the roles and responsibilities of the relevant stake holders for the ongoing compliance with this BRMP.

Stakeholder	Roles and Responsibilities
Local Government	<ul style="list-style-type: none"> Enforce annual firebreak notice issued under s33 of the Bush Fires Act 1954 Monitor vegetation loads in reserve to ensure adequate separation is maintained.
Developer/Builder	<ul style="list-style-type: none"> Install bunding around the tank to contain fuel spills as per Dangerous Goods Safety Act 2004 and Australian Standard 1940: 2017 The storage and handling of flammable and combustible liquid. Install Bollards to prevent vehicle damage to tanks and bowers Install signage in a position to be readily seen by emergency responders to provide visual warnings of the hazards associated with the storage of fuel required as per relevant codes of practice, Australian Standards, and Regulations
Facility Operator	<ul style="list-style-type: none"> Maintain facility as required in the associated Bushfire Management Plan. Comply with the relevant local government annual firebreak notice issued under s33 of the Bush Fires Act 1954. Maintain firefighting equipment. Action the ongoing training of personnel. Ensure ongoing implementation of Emergency Management and Bushfire Risk Management Plans. Review and update this BRMP annually. Renew and maintain dangerous goods site licence for the life of the site. Throughout bushfire season ensure entire site remains free of flammable material and objects through daily inspections of the site. Develop an emergency management plan for the site in accordance with Australian Standard 3745-2010 Planning for emergencies in facilities (SA 2010), identifying evacuation triggers, depicting muster points on-site, and including procedures to be adopted should a fire occur in the reserve. Maintain a current manifest and a dangerous goods site plan to be kept on site as required for dangerous goods site in accordance with the relevant Dangerous Goods Safety Guidance Note (DMIRS 2019). Maintain the signage which provides visual warnings of the hazards associated with the storage of fuel required as per relevant codes of practice, Australian Standards, and Regulations



7 Monitoring and Review

Monitoring and review processes are in place to ensure that the BRM Plan remains current and valid.

7.1 Review

A comprehensive review of this BRM Plan will be undertaken at least once every five years.

Significant circumstances that may warrant an earlier review of the BRM Plan include:

- Changes to the BRM Plan area, or legislation.
- Changes to the bushfire risk profile of the area; or
- Following a major fire event.

7.2 Monitoring

Risk ratings are to be reviewed on a regular basis. Any modifications to the site to added to the BRMP when they are identified.



8 Glossary

Asset	A term used to describe anything of value that may be adversely impacted by bushfire. This may include residential houses, infrastructure, commercial, agriculture, industry, environmental, cultural and heritage sites.
Asset Category	There are four categories that classify the type of asset – Human Settlement, Economic, Environmental and Cultural.
Asset Owner	The owner, occupier or custodian of the asset itself.
Bushfire	Unplanned vegetation fire. A generic term which includes grass fires, forest fires and scrub fires both with and without a suppression objective. ³
Bushfire Management Plan	A document that sets out short-, medium- and long-term bushfire risk management strategies for the life of a development. ⁴
Bushfire risk management	A systematic process to coordinate, direct and control activities relating to bushfire risk with the aim of limiting the adverse effects of bushfire on the community.
Bushfire Hazard	The hazard posed by the classified vegetation, based on the vegetation category, slope and separation distance.
Consequence	The outcome or impact of a bushfire event.
Geographic Information System (GIS)	A data base technology, linking any aspect of land-related information to its precise geographic location. ⁵
Geographic Information System (GIS) Map	The mapping component of the Bushfire Risk Management System. Assets, treatments and other associated information is spatially identified, displayed and recorded within the GIS Map.
Land Owner	The owner of the land, as listed on the Certificate of Title; or leaser under a registered lease agreement; or other entity that has a vested responsibility to manage the land.

³ Australasian Fire and Emergency Service Authorities Council 2012, *AFAC Bushfire Glossary*, AFAC Limited, East Melbourne.

⁴ Western Australian Planning Commission 2015, *State Planning Policy 3.7: Planning in Bushfire Prone Areas*, WAPC, Perth.

⁵ Landgate 2015, *Glossary of terms*, Landgate, Perth



Likelihood	The chance of something occurring. In this instance, the chance of a bushfire igniting, spreading and reaching the asset.
Locality	The officially recognised boundaries of suburbs (in cities and larger towns) and localities (outside cities and larger towns).
Planning Area	A geographic area determine by the local government which is used to provide a suitable scale for risk assessment and stakeholder engagement.
Priority	See Treatment Priority.
Recovery Cost	The capacity of an asset to recover from the impacts of a bushfire.
Responsible Person	The person responsible for planning, coordinating, implementing, evaluating and reporting on a risk treatment.
Risk acceptance	The informed decision to accept a risk, based on the knowledge gained during the risk assessment process.
Risk analysis	The application of consequence and likelihood to an event in order to determine the level of risk.
Risk assessment	The systematic process of identifying, analysing and evaluating risk.
Risk evaluation	The process of comparing the outcomes of risk analysis to the risk criteria in order to determine whether a risk is acceptable or tolerable.
Risk identification	The process of recognising, identifying and describing risks.
Risk Manager	The organisation or individual responsible for managing a risk identified in the Bushfire Risk Management Plan; including review, monitoring and reporting.
Risk Register	A component within the Bushfire Risk Management System used to record, review and monitor risk assessments and treatments associated with assets recorded in the Bushfire Risk Management Plan.
Risk treatment	A process to select and implement appropriate measures undertaken to modify risk.



Rural	Any area where in residences and other developments are scattered and intermingled with forest, range, or farm land and native vegetation or cultivated crops. ⁶
Rural Urban Interface (RUI)	The line or area where structures and other human development adjoin or overlap with undeveloped bushland. ⁷
Slope	The angle of the ground's surface measured from the horizontal.
Treatment	An activity undertaken to modify risk, for example a prescribed burn.
Treatment Objective	The specific aim to be achieved or action to be undertaken, in order to complete the treatment. Treatment objectives should be specific and measurable.
Treatment Manager	The organisation, or individual, responsible for all aspects of a treatment listed in the Treatment Schedule of the Bushfire Risk Management Plan, including coordinating or undertaking work, monitoring, reviewing and reporting.
Treatment Schedule	A report produced within the Bushfire Risk Management System that details the treatment priority of each asset identified in the Bushfire Risk Management Plan and the treatments scheduled.
Treatment Strategy	The broad approach that will be used to modify risk, for example fuel management.
Treatment Type	The specific treatment activity that will be implemented to modify risk, for example a prescribed burn.
Vulnerability	The susceptibility of an asset to the impacts of bushfire.

⁶ Australasian Fire and Emergency Service Authorities Council 2012, *AFAC Bushfire Glossary*, AFAC Limited, East Melbourne

⁷ Australasian Fire and Emergency Service Authorities Council 2012, *AFAC Bushfire Glossary*, AFAC Limited, East Melbourne



9 Common Abbreviations

APZ	Asset Protection Zone
BRMP	Bushfire Risk Management Plan
BRMS	Bushfire Risk Management System
DFES	Department of Fire and Emergency Services
ERMP	Emergency Risk Management Plan
FFDI	Forest Fire Danger Index
BMP	Bushfire Management Plan
GFDI	Grassland Fire Danger Index
GIS	Geographic Information System
LEMC	Local Emergency Management Committee
LG	Local Government
OBRM	Office of Bushfire Risk Management
WAPC	Western Australian Planning Commission



10 References

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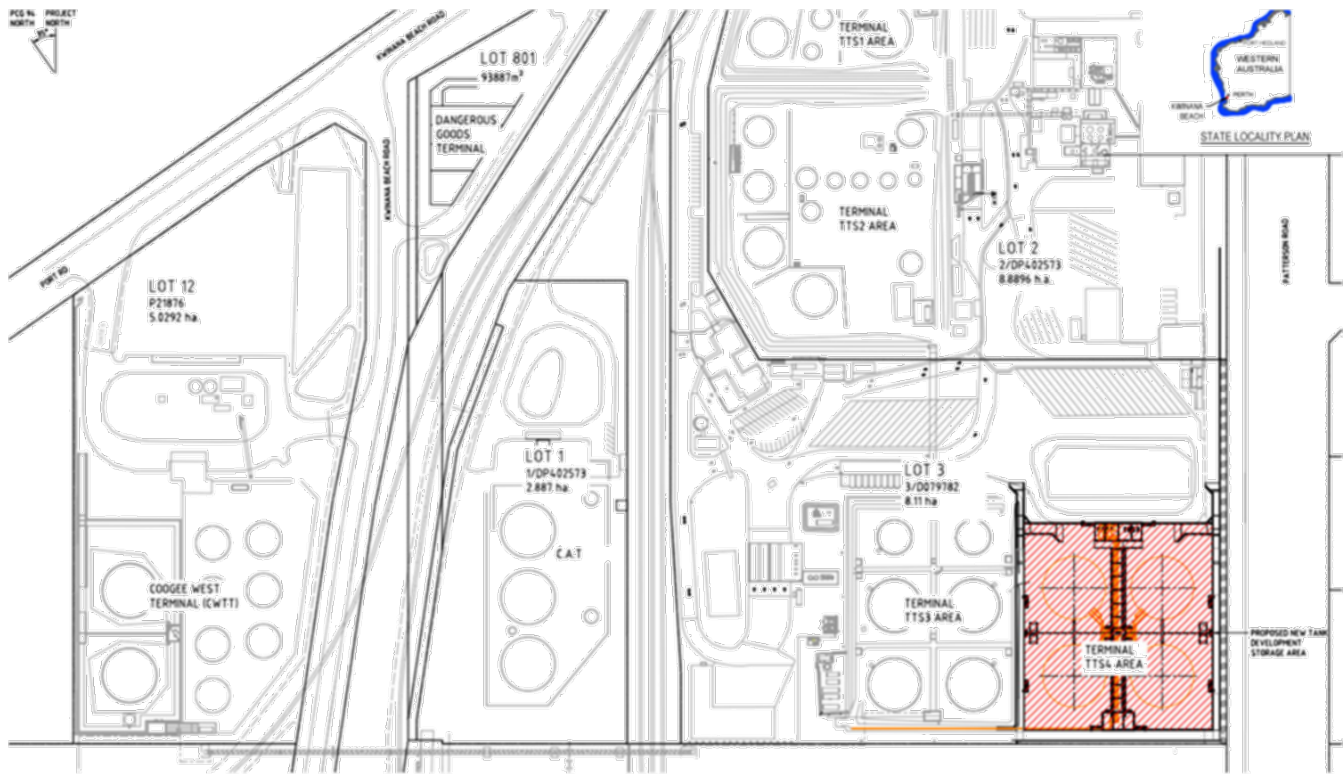
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Western Australian Planning Commission (WAPC) 2021, *Guidelines for Planning in Bushfire Prone Areas Version 1.4*, Western Australia



11 Appendices

Appendix A: Site Layout





ATTACHMENT 13

Coogee Chemicals Pty Ltd

ABN 37 008 747 500

14/02/2022

Development Application Panel
Town of Kwinana Local Authority

To whom it may concern

Subject: Request for exemption from Development Contribution towards Public Art

This letter sets to outline Coogee Chemicals request for exemption for the above contribution in relation to the stage 2 strategic diesel storage project.

This project will be the subject of a Development Assessment Panel review, for which this letter will be a part of.

For the purposes of this letter, the project will be known as "stage 2" Coogee strategic diesel storage project. It will include the construction of a 120ML fuel terminal which includes 4x 30ML large atmospheric storage tanks.

The expected total project cost is ~\$60m

Coogee have had a chance to review the local planning policy and believe there is room for exemption possibilities available for Coogee to pursue, with regards to the Art Levy, and as such listed below.

- The works to be completed are completely within the boundaries of Coogee lots with no public space impacted, or accessible to the general public
- With the site classified as a Major Hazard Facility, this does not afford access to the general public
- This particular project does not involve accessible buildings as part of the design, and is purely industrial process plant and infrastructure
- Coogee has already obtained exemption from obtaining a Building Permit under Part 5, section 74 of the Building Act 2011, pertaining to "buildings incidental to industrial plant
- Coogee spend significant money on an ongoing basis towards art and keeping the gardens around the facility in mint condition. Some of these costs expended over the last few years are as follows:
 - Coogee donated over \$30,000 to the well-known sculptures by the sea over the last few years.
 - Coogee has spent over \$167,000 over the last few years on numerous pieces of art, which are held at Coogee's main administration and gardens in Kwinana.
 - Coogee is currently trying to locate a laser projector that is capable of projecting images onto the tanks subject of this application. This could include famous and community works of art along with seasonal messages as deemed appropriate.
 - Coogee's ongoing commitment to landscaping and gardening around their Kwinana locations, is also significant and no less than \$500,000 is spent annually to maintain these gardens and lawns

Cnr Patterson & Kwinana Beach Roads, KWINANA BEACH WA 6167
PO Box 5051, ROCKINGHAM BEACH WA 6969 | (08) 9439 8200 | www.coogee.com.au

CAPABILITY & COMMITMENT

As you can appreciate, Coogee's ongoing commitment to the arts and maintaining the aesthetic quality of their facility in Kwinana is substantial. On this basis, we would appreciate your consideration to exempt us from this art levy on this occasion.

Yours sincerely

Vic Origlio
Project Manager

Jayden Pope**ATTACHMENT 14**

From: SENYCIA, Patrick <patrick.senycia@dmirs.wa.gov.au>
Sent: Thursday, 31 March 2022 1:23 PM
To: Jayden Pope
Cc: David Orchard; LANE, Stephen
Subject: DA10283 - Referral Comments - Fuel Tanks - Lot 2 and 3 Kwinana Beach Road, Kwinana Beach

WARNING: This email has originated outside your organisation. Please ensure you trust this sender and are expecting this email before clicking on any links or attachments.

Hi Jayden,

Thank you for your email of 9 March 2022 regarding a request for comments/ recommendations in relation to the abovementioned proposal.

I advise that the proposed fuel storage will be subject to the Dangerous Goods Safety Act 2004 and associated regulations which we administer – this will require Coogee Chemicals making relevant submissions to us in due course.

Please contact me should you have any queries.

Regards,

Patrick Senycia | Principal Inspector On Shore
Dangerous Goods and Critical Risks Directorate

Department of Mines, Industry Regulation and Safety
Level 2, 1 Adelaide Terrace East Perth WA 6004
Tel: +61 8 9358 8044 | Mob: 0418 914 530
patrick.senycia@dmirs.wa.gov.au | www.dmirs.wa.gov.au



Government of **Western Australia**
Department of **Mines, Industry Regulation and Safety**

*We're working for
Western Australia.*

We acknowledge Aboriginal and Torres Strait Islander people as the Traditional Custodians of this land on which we deliver our services. We pay our respects to elders and leaders past, present and emerging.

DISCLAIMER: This email, including any attachments, is intended only for use by the addressee(s) and may contain confidential and/or personal information and may also be the subject of legal professional privilege. If you are not the intended recipient, you must not disclose or use the information contained in it. In this case, please let me know by return email, delete the message permanently from your system and destroy any copies. Before you take any action based upon advice and/or information contained in this email you should carefully consider the advice and information and consider obtaining relevant independent advice.



Government of Western Australia
Department of Water and Environmental Regulation

ATTACHMENT 15

Your ref: DA10283
Our ref: RF3779-04 & PA 048100
Enquiries: Jane Sturgess Ph: 9550 4228

City of Kwinana
PO Box 21
Kwinana WA 6966

Attention: Jayden Pope

Dear Jayden

RE: FUEL TANKS – LOTS 2 AND 3 KWINANA BEACH RD, KWINANA

Thank you for providing the development application received 9 March 2022 for the Department of Water and Environmental Regulation (the Department) to consider.

The Department has reviewed the development application for proposed fuel tanks at Lots 2 and 3 Kwinana Beach Rd in Kwinana Beach and advice is provided below.

Issue

Industry Regulation

Advice

The proposal to construct additional diesel storage tanks on the premises does not trigger the requirement for a works approval under section 59 of the *Environmental Protection Act 1986 (EP Act)*. Given the site is an existing major hazard facility (MHF), it is presumed that the proponent will have existing obligations under MHF regulations and also Dangerous Goods regulations administered by the Department of Mines, Industry Regulation and Safety, which set out the minimum requirements for storage and handling of dangerous goods exceeding threshold quantities.

The proponent has contacted the Department's Regulatory Services, with the above advice being relayed. However once constructed, an amendment to their existing Part V licence will be required, to provide the necessary authorisation for increased storage capacity and use of the new tanks.

Where the Department has a statutory role, planning applications should be considered prior to the Department issuing any relevant permits, licenses and/or approvals.

In the event that the applicant determines that a works approval or licence application is required under Part V of the *Environmental Protection Act 1986 (EP Act)*, the advice provided in this communication does not prejudice and must not be considered to infer the outcome of the EP Act licence and works approval process.

Kwinana Peel Region
107 Breakwater Parade Mandurah Ocean Marina Mandurah Western Australia 6210
PO Box 332 Mandurah Western Australia 6210
Telephone: 08 9550 4222 Facsimile: 08 9581 4560
www.dwer.wa.gov.au

In the event there are modifications to the proposal that may have implications on aspects of environment and/or water management, the Department should be notified to enable the implications to be assessed.

Should you require any further information on the comments please contact the undersigned on 9550 4228.

Yours sincerely



Jane Sturgess
Acting Program Manager – Planning Advice
Kwinana Peel Region

16 / 03 / 2022



ATTACHMENT 16

Our Ref: D23764
Your Ref: DA10283

Jayden Pope
City of Kwinana
customer@kwinana.wa.gov.au

Dear Mr Pope

RE: HIGH RISK - LOT 2 & 3 KWINANA BEACH ROAD, KWINANA - ADDITIONAL FUEL STORAGE TANKS - DEVELOPMENT APPLICATION

I refer to your email dated 9 March 2022 regarding the submission of a Bushfire Management Plan (BMP) (Version 1), prepared by Bushfire Smart and dated 25 January 2022, for the above development application.

This advice relates only to *State Planning Policy 3.7: Planning in Bushfire Prone Areas* (SPP 3.7) and the *Guidelines for Planning in Bushfire Prone Areas* (Guidelines). It is the responsibility of the proponent to ensure the proposal complies with relevant planning policies and building regulations where necessary. This advice does not exempt the applicant/proponent from obtaining approvals that apply to the proposal including planning, building, health or any other approvals required by a relevant authority under written laws.

Assessment

1. Policy Measure 6.5 a) (ii) Preparation of a BAL contour map

Issue	Assessment	Action
APZ	<p>The BAL Contour Map has excluded Plot 5 - Class D Scrub in the post development scenario. Given the development footprint is known an APZ should be spatially represented in the BMP.</p> <p>The Scrub extends along the entire section of Patterson Road as screening vegetation to the industrial development. The City should be satisfied that there is no amenity issue in modifying this vegetation to low threat.</p>	Modification to the BMP is required.

Recommendation – supported subject to modifications

The development application and the BMP have adequately identified issues arising from the bushfire risk assessment and considered how compliance with the bushfire protection criteria can be achieved. However, modifications to the BMP are necessary to ensure it accurately identifies the bushfire risk and necessary mitigation measures. As these modifications will not affect the development design, these modifications can be undertaken without further referral to DFES.

The required modifications are listed in the table(s) above.

As this planning decision is to be made by a Development Assessment Panel, please forward notification of the decision to DFES for our records.

If you require further information, please contact Sasha De Brito – A/Senior Land Use Planning Officer on telephone number 9395 9703.

Yours sincerely



Naomi Mynott
DIRECTOR LAND USE PLANNING

1 April 2022

CC Jayden.Pope@kwinana.wa.gov.au

**ATTACHMENT 17**

Enquiries: Lucas Hodgson on (08) 9323 4806
Our Ref: 22/2004 (D22#381779)
Your Ref: DA10283

13 April 2022

Chief Executive Officer
City of Kwinana
PO Box 21
KWINANA WA 6966

Email: customer@kwinana.wa.gov.au (via email)

Dear Sir/Madam,

PROPOSED FUEL TANKS – LOT 2 AND LOT 3 (PATERSON ROAD AND KWINANA BEACH ROAD) KWINANA BEACH

In response to your correspondence received on 9 March 2022, please be advised Main Roads has no objections subject to the following conditions being imposed:

Conditions

1. All vehicle access is to be via the existing crossovers to Kwinana Beach Road, no direct vehicle access is permitted to Patterson Road during either construction or operation.
2. Prior to the commencement of works, plans are to be amended to remove the proposed ramp and access to the site via Patterson Road (including existing gate), to the satisfaction of the City of Kwinana in consultation with Main Roads.
3. No earth works shall encroach onto the Patterson Road reserve.
4. No stormwater drainage is to be discharged onto the Patterson Road reserve.
5. The ground levels on the Patterson Road boundary are to be maintained as existing.

Advice

- a) Patterson Road (Melville Mandurah Highway) is a proclaimed Control of Access road pursuant to s.28A of the Main Roads Act 1930, and vehicle access between adjacent properties and Patterson Road is not permitted.
- b) It is noted the Hazard Identification and Risk Assessment provided refers to a proposed temporary access from Patterson Road to the existing gate on the southern corner of the site, which has not been proposed or included as part of the information provided to Main Roads. As detailed in Condition 1 and Advice note A, this access is not supported. It is recommended the applicant and Council consider if an updated Hazard Identification and Risk Assessment is required to be performed without the assumption of this access point.
- c) Main Roads recommends the City of Kwinana review sight lines for vehicles making a right turn onto Kwinana Beach Road from the subject sites existing crossover, and undertake vegetation pruning of the local government managed verge if required.

Main Roads Western Australia
Don Aitken Centre, Waterloo Crescent, East Perth WA 6004
PO Box 6202, East Perth WA 6892

mainroads.wa.gov.au
enquiries@mainroads.wa.gov.au
138 138

Version 1 July 2019



- d) The applicant is required to submit an application form to undertake works within the road reserve prior to undertaking any works within the Patterson Road reserve. Application forms and supporting information about the procedure can be found on the Main Roads website > Technical & Commercial > Working on Roads.

Should the City disagree with or resolve not to include as part of its conditional approval any of the above conditions or advice, Main Roads requests an opportunity to meet and discuss the application further, prior to a final determination being made.

Main Roads advises that it offers a free of charge pre-lodgement consultation service. Main Roads encourages both the Local Government in liaising with applicants to promote and capitalise on this free advisory service offered by the road authority prior to lodgement of strategic or statutory planning proposals, especially where development plans involve land adjacent to or have the potential to impact on the State road network.

Further information on the pre-lodgement consultation process can be found on Main Roads website at mainroads.wa.gov.au > Technical & Commercial > Planning & Development

Main Roads requests a copy of the City's final determination on this proposal to be sent to planninginfo@mainroads.wa.gov.au. If you have any queries please do not hesitate to contact Lucas Hodgson on 9323 4806.

Yours sincerely

John McDonald
Planning Assessment Coordinator /A

ATTACHMENT 18

Your Ref: DA10283
Our Ref: LM: Planning April 2022
Contact: Kathy Chick
Telephone: 08 9223 4928



ABN 78 081 609 289
Level 23, 140 St Georges Tee
Perth WA 6000
Postal Address
PO Box Z5267
Perth St Georges Tee WA 6831
Telephone: +61 8 9223 4300
Facsimile: +61 8 9223 4301

19 April 2022

Wayne Jack
Chief Executive Officer
City of Kwinana
PO Box 21
KWINANA WA 6966

Dear Wayne

DEVELOPMENT APPLICATION – LOT 3 KWINANA BEACH ROAD STORAGE TANKS

Thank you for your email of 9 March 2022 seeking DBP's comments on the proposed storage tanks on Lot 3 Kwinana Beach Road.

DBP as owners and operators of the Dampier to Bunbury Natural Gas Pipeline (DBNGP) has no objections to the proposal.

Should you have any further inquiries, please do not hesitate to contact me on the number above.

Yours sincerely

A handwritten signature in dark ink, appearing to read "Neil Parry", is written over a light blue dotted line.

Neil Parry
Head of Land Management
Dampier Bunbury Pipeline



ATTACHMENT 19

Your ref: DA10283
Our ref: Case 2200630
Enquiries: Robyn Corbett PH 6551 8117
Email: robyn.corbett@dplh.wa.gov.au

Mr Jayden Pope
Statutory Planning Officer
City of Kwinana
PO Box 21
KWINANA WA 6966

Dear Mr Pope

**DAMPIER TO BUNBURY NATURAL GAS PIPELINE (DBNGP) CORRIDOR –
DEVELOPMENT APPLICATION 10283 – LOTS 2 AND 3 KWINANA BEACH
ROAD, KWINANA BEACH**

I refer to your email dated 9 March 2022 seeking comments in relation to the close proximity of the DBNGP to the abovementioned land in Kwinana Beach. Our assessment is based on the information provided in the development application and in relation to the DBNGP corridor only.

The development application for fuel tanks at Lots 2 and 3 Kwinana Beach Road in Kwinana Beach is not expected to materially interfere with the exercise of rights that have been, or might in the future be, conferred under section 34 of the *Dampier to Bunbury Pipeline Act 1997* (DBP Act) as the Lots are not encumbered by the DBNGP corridor.

Australian Gas Infrastructure Group (AGIG) have been conferred rights under the DBP Act to own/operate high pressure gas pipelines within the DBNGP corridor. We recommend the City of Kwinana seeks comments from the AGIG.

For further enquiries please contact Ms Robyn Corbett, on telephone (08) 6551 8117 or at Robyn.Corbett@dplh.wa.gov.au.

Regards,

Jamie Lee King
Manager - Delivery

Postal address: Locked Bag 2506 Perth WA 6001 Street address: 140 William Street Perth WA 6000
Tel: (08) 6551 8002 info@dplh.wa.gov.au www.dplh.wa.gov.au
ABN 68 565 723 484
wa.gov.au

18 REPORTS – CIVIC LEADERSHIP

18.1 CORPORATE BUSINESS PLAN MINOR REVIEW - 2022

SUMMARY

Following the major review of the Strategic Community Plan (SCP) and Corporate Business Plan (CBP) in 2021, an annual minor review of the CBP has been undertaken. The CBP mirrors the structure of the SCP and goes into further detail on how the City will go about achieving the community's vision through detailed actions. The City aims to create a clear link between the activities it carries out every day and the progression towards the SCP outcomes and its vision for the future.

OFFICER RECOMMENDATION

That Council adopt the minor review of the Corporate Business Plan 2021-2025 as detailed in Attachment A.

DISCUSSION

All local governments in Western Australia are required to have developed and adopted a SCP and a CBP. These two plans combine to form the City's 'Plan for the Future'.

The SCP outlines the community's long-term vision and aspirations for the area, while the CBP details how that vision will be achieved by linking the City's business operations to the community's vision. Both plans were created from the community feedback and engagement workshops from the last major SCP review in 2020.

The CBP is further informed by various informing strategies, such as, the:

- Long Term Financial Plan;
- Workforce Plan;
- Asset Management Plans;
- Various area specific plans and strategies; and
- Integrated Team Business Plans

As stated in the Local Government (Administration) Regulations 1996, each local government is to review its CBP every year, with a strategic review occurring every two years. This minor review of the CBP, as detailed in Attachment A, will achieve this requirement. City Officers have extensively reviewed the 2021-2025 CBP and have recommended minor changes to ensure the City's operations are aligned to the community's vision for the future.

The proposed minor change to the CBP relates to investigation of bulk waste options and has been included as a project commencing in the 2023/24 financial year. This action has been added the following section in the CBP:

- Outcome 3 – Infrastructure and services that are affordable and contribute to health and wellbeing
 - Strategic Objective 3.1 – Develop quality, affordable infrastructure and services designed to improve the health and wellbeing of the community

Once adopted, the City will ensure copies of the CBP Business Plan will be available in the Kwinana Library, Administration Centre and on the City's Website.

Reporting on the City's achievements towards the vision set out in the SCP is detailed in the Annual Report each year, as will any changes to the CBP. City Officers provide Performance Reports to Council on a quarterly basis to give a progress updated on all actions and measures in the CBP.

In accordance with the Integrating Planning and Reporting – Advisory Standard, a more detailed strategic review will be undertaken in the coming year.

STRATEGIC IMPLICATIONS

This proposal will support the achievement of the following outcome/s and objective/s detailed in the Strategic Community Plan and Corporate Business Plan.

Strategic Community Plan			
Outcome	Strategic Objective	Action in CBP (if applicable)	How does this proposal achieve the outcomes and strategic objectives?
5 – Visionary leadership dedicated to acting for its community	5.1 – Model accountable and ethical governance, strengthening trust with the community	5.1.1 – Implement the Strategic Community Plan and Corporate Business Plan	This proposal ensures that the CBP is up to date and able to deliver outcomes indicated in the SCP.

SOCIAL IMPLICATIONS

Broad social implications are identified as a result of this CBP. However, there are no implications that have not already been identified through the City's Social Strategy and associated community specific plans.

LEGAL/POLICY IMPLICATIONS

The Integrated Planning and Reporting Framework is governed by the *Local Government (Administration) Regulations 1996*, which sets out the minimum requirements for a CBP. The minimum requirements are:

Local Government (Administration) Regulations 1996: Regulation 19DA states:

19DA. Corporate business plans, requirements for (Act s. 5.56)

- (1) *A local government is to ensure that a corporate business plan is made for its district in accordance with this regulation in respect of each financial year after the financial year ending 30 June 2013.*
- (2) *A corporate business plan for a district is to cover the period specified in the plan, which is to be at least 4 financial years.*
- (3) *A corporate business plan for a district is to —*
 - (a) *set out, consistently with any relevant priorities set out in the strategic community plan for the district, a local government's priorities for dealing with the objectives and aspirations of the community in the district; and*

- (b) *govern a local government's internal business planning by expressing a local government's priorities by reference to operations that are within the capacity of the local government's resources; and*
 - (c) *develop and integrate matters relating to resources, including asset management, workforce planning and long-term financial planning.*
 - (4) *A local government is to review the current corporate business plan for its district every year.*
 - (5) *A local government may modify a corporate business plan, including extending the period the plan is made in respect of and modifying the plan if required because of modification of the local government's strategic community plan.*
 - (6) *A council is to consider a corporate business plan, or modifications of such a plan, submitted to it and is to determine* whether or not to adopt the plan or the modifications.*
- *Absolute majority required.*
- (7) *If a corporate business plan is, or modifications of a corporate business plan are, adopted by the council, the plan or modified plan applies to the district for the period specified in the plan.*

Further to these legislative requirements, the Integrated Planning and Reporting Framework and Guidelines set out the standards to which the CBP will be rated. The three rating categories can be seen in the table below:

Achieving Standard	<p>Achieving Standard is met when:</p> <ul style="list-style-type: none"> • A Council has adopted a Corporate Business Plan that meets all of the listed regulatory requirements • Year 1 of the Corporate Business Plan establishes the Annual Budget • The local government also has in place: <ul style="list-style-type: none"> - a Workforce Plan that meets the Achieving Standard <p>Achieving Standard is met when:</p> <ul style="list-style-type: none"> • Council has a current Workforce Plan • The Workforce Plan identifies the current workforce profile and organisational structure • The Workforce Plan identifies gaps between the current profile and the organisation's requirements • The Workforce Plan identifies organisational activities to foster and develop workforce • The Workforce Plan is budgeted for in the Corporate Business Plan and Long Term Financial Plan <ul style="list-style-type: none"> - asset management key performance indicators that meet the Achieving Standard <p>Achieving Standard is met when:</p> <ul style="list-style-type: none"> • Asset Consumption Ratio can be identified and the ratio is 50% or greater • Asset Sustainability Ratio can be calculated and the ratio is at least 90% or greater • Asset Renewal Funding Ratio can be identified and the ratio is greater than 75% <ul style="list-style-type: none"> - a Long Term Financial Plan
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Intermediate Standard	<p>Intermediate Standard is met when:</p> <ul style="list-style-type: none"> • The Corporate Business Plan meets the Achieving Standard • Core informing strategies (Workforce Plan, Asset Management Plans, Long Term Financial Plan) have been integrated to drive activities and service delivery • The Workforce Plan meets Intermediate Standard <ul style="list-style-type: none"> Intermediate Standard is met when: <ul style="list-style-type: none"> • Council has a Workforce Planning policy • Council has a system to collect and analyse workforce information • Organisational activities to foster and develop the workforce are being implemented as planned • The Workforce Plan is integrated with other plans • Reports to Council identify workforce requirements and implications and Council decision making takes these into account • Employees have the opportunity to participate in the workforce planning process • Asset key performance indicators are at “Standard is improving” <ul style="list-style-type: none"> Standard is improving when: <ul style="list-style-type: none"> • Asset Consumption Ratio (ACR) can be identified and the ratio is between 60% and 75% • Asset Sustainability Ratio (ASR) is between 90% and 100% • Asset Renewal Funding Ratio is between 95% and 105% and the ASR falls within the range 90% to 110% and ACR falls within the range of 50% to 75%. • Financial management key performance indicators meet Achieving Standard <ul style="list-style-type: none"> Achieving Standard is met when: <ul style="list-style-type: none"> • Operating Surplus Ratio is between 0% and 15% • Current Ratio is 100% or greater • Debt Service Cover Ratio is greater than or equal to 2 • Own Source Revenue Coverage Ratio is between 0.4 and 0.9
Advanced Standard	<p>Advanced Standard is met when:</p> <ul style="list-style-type: none"> • The Corporate Business Plan meets the Achieving Standard and Intermediate Standard • All activities and services delivered are integrated through the Corporate Business Plan • Asset key performance indicators are at “Standard is improving” and all financial performance indicators meet Advanced Standards (where applicable) <ul style="list-style-type: none"> Advanced Standard for financial performance indicators is met when: <ul style="list-style-type: none"> • Operating Surplus Ratio is greater than 15% • Current Ratio is 100% or greater • Debt Service Cover Ratio is greater than 5 • Own Source Revenue Coverage Ratio is greater than 0.9 • The Workforce Plan meets Advanced Standard

	<p>Advanced Standard is met when:</p> <ul style="list-style-type: none">• Workforce planning, policy and practices are a high priority for the organisation and are incorporated into all planning, decision making, systems, policies and procedures• Managers include workforce considerations as an integral part of the local government's operations for which they are responsible and accountable
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The CBP, as presented to Council, meets the requirements for the Achieving Standard with the exception of the Asset Sustainability Ratio. This also prevents the CBP from obtaining the Intermediate Standard and Advance Standard, despite the CBP satisfying many requirements of these higher level standards. To remedy this, the City will progress towards the Advanced Standard by implementing asset management and financial strategies currently identified in the Long Term Financial Plan.

FINANCIAL/BUDGET IMPLICATIONS

The CBP guides the City's budget for the next four years, ensuring that major community outcomes are taken into account through the Long Term Financial Plan.

ASSET MANAGEMENT IMPLICATIONS

Broad asset management implications are identified as a result of this CBP, however no specific asset management implications exist as a result of this recommendation that have not already been identified.

ENVIRONMENTAL/PUBLIC HEALTH IMPLICATIONS

Broad environmental implications are identified as a result of this CBP, however no specific environmental implications exist as a result of this recommendation that have not otherwise been identified. This includes the addition of an action for the investigation of bulk waste options commencing 2023/24. This action may have impacts once investigated, however, there are no immediate impacts as a result of this CBP.

COMMUNITY ENGAGEMENT

There are no specific requirements to conduct community engagement when reviewing the CBP. The City will make copies of the adopted plan available for public information.

ATTACHMENTS

- A. Ordinary Council Meeting 25 May 2022 - Corporate Business Plan 2021-2025 Review - Attachment A**



Corporate Business Plan **2021-2025**



City of Kwinana

Corporate Business Plan 2021-2025

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Acknowledgement of Country

City of Kwinana acknowledges the Traditional Custodians of the land on which we live, work and play, the Nyoongar people. We recognise their connection to the land and local waterways, their resilience and commitment to community, and pay our respect to Elders past and present.

Original adoption June 2021
Minor review undertaken 2022

CEOs Message

I am pleased to present the City of Kwinana’s Corporate Business Plan for 2021-2025. It provides clarity on the initiatives and services that the City is working towards over the next five years, with emphasis on the delivery of the strategic priorities outlined in our Strategic Community Plan 2021-2031 and the recovery of the City in the wake of COVID-19 impacts. To lessen the impacts of COVID-19 on the community, the City resolved to forego a rate increase for the 2020-2021 financial year. This presented the City with the familiar challenge of balancing the budget with the needs of the community, yet on a more intense scale.

Despite these challenges, the City of Kwinana is continuing to grow and evolve as it proves to be a desirable place to live, work and play. As a community, we can look forward to a promising future of prosperity, health, economic growth and sustainability.

The past few years have been an exciting time for the City of Kwinana, with a number of state-of-the art facilities such as the Edge Skatepark and the award winning Adventure Park being popular destinations not only for the community but for others who live outside of Kwinana.

The Kwinana Industrial Area’s future is looking very bright with State Government recognising the importance of the Outer Harbour and responding with the establishment of the Westport Taskforce. Additionally, interest from international investors has seen the area dubbed as ‘Lithium Valley’ as a number of large players in the lithium industry establish themselves in Kwinana. Both of these opportunities will create long-term job opportunities for our residents and will attract new families to settle within the community.

However, rapid growth brings its own set of challenges, particularly in the areas of service provision and infrastructure development, which makes our task of balancing priorities critical. Moving forward, I am confident the City will handle this task with maturity and creativity.

The Corporate Business Plan 2021-2025 gives us clear direction for delivering the services and programs our community needs in order to prosper. Our City’s workforce will strive to deliver actions from the plan, to ensure the broadest range of high quality services are provided at the lowest possible cost to meet community needs.

Long-term financial sustainability and affordability of the City’s commitments remain a primary focus for us moving forward, as we advance the future for Kwinana and its people.

I would like to thank the community for joining us on this exciting journey. We look forward to delivering on our commitments.

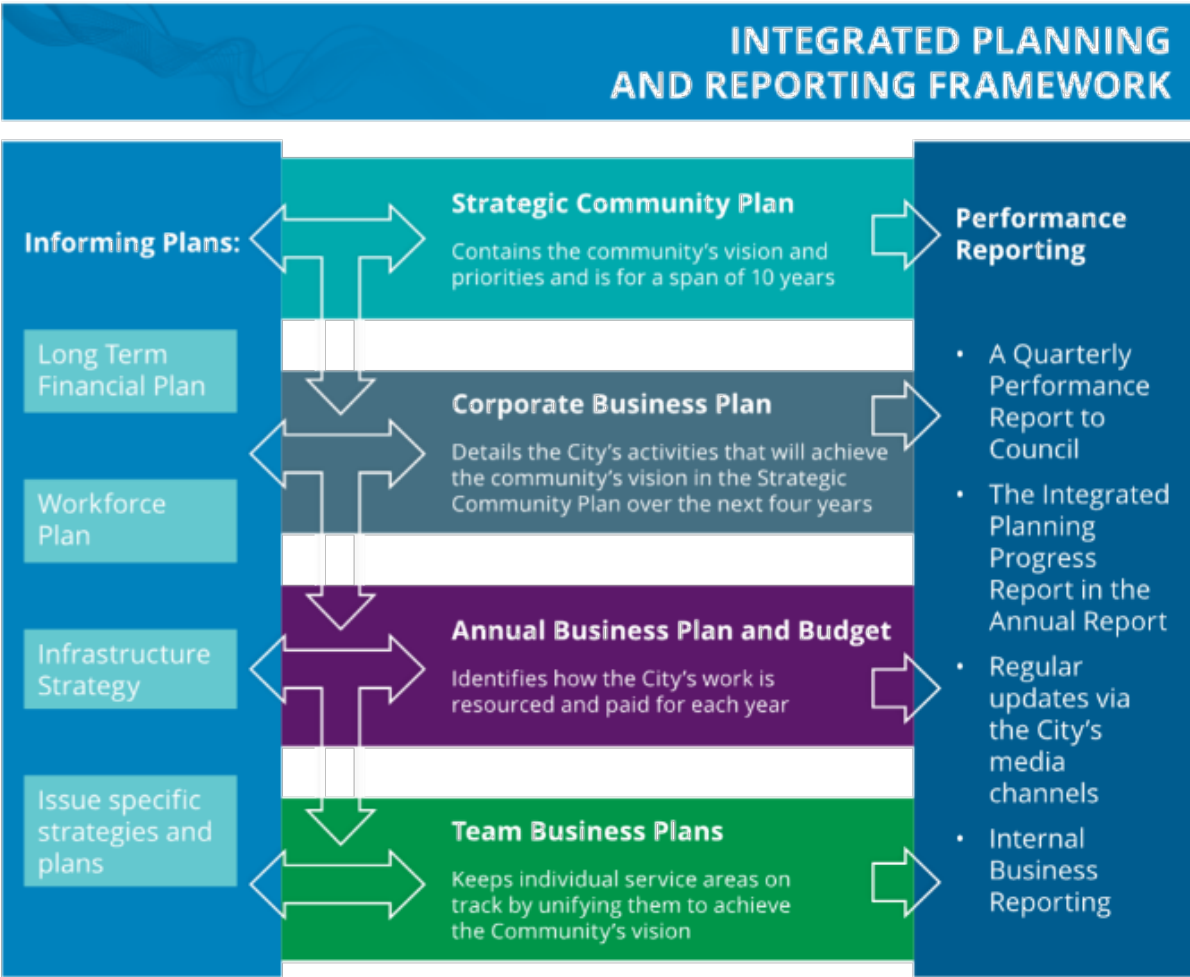
Wayne Jack
Chief Executive Officer



What is a Corporate Business Plan?

The City of Kwinana uses the Integrated Planning and Reporting Framework outlined in by the Local Government Act 1995 and the Local Government (Administration) Regulations 1996. These detail that a local government must have a “Plan for the Future”. The plan for the future is to comprise of two important documents, a Strategic Community Plan and a Corporate Business Plan. The SCP sets out the “what” the community would like their local government to achieve and the CBP outlines how the local government will go about achieving it. To remain consistent with the SCP, the CBP undergoes an internal review every year, with a major review scheduled every two years to coincide with reviews of the SCP.

The Corporate Business Plan activates the Strategic Community Plan by detailing the actions, projects and programs that the City will undertake to achieve the community’s vision. It is the key point at which the City’s operational activities are aligned to community priorities. To ensure that these activities can be undertaken, the Corporate Business Plan is informed by the Long Term Financial Plan, Asset Management Strategy, Workforce Plan and issue specific strategies and plans. The CBP and its role in the Integrated Planning and Reporting Framework can be seen below:



City of Kwinana				
The Corporate Business Plan aligns with and activates the strategic direction from the Strategic Community Plan in the table below:				
Our vision				
A unique and liveable City, celebrated for and connected by its diverse community, natural beauty and economic opportunities				
Our outcomes				
1 A naturally beautiful environment that is enhanced and protected	2 A resilient and thriving economy with exciting opportunities	3 Infrastructure and services that are affordable and contribute to health and wellbeing	4 A unique, vibrant and healthy City that is safe, connected and socially diverse	5 Visionary leadership dedicated to acting for its community
Our strategic objectives				
1.1 Retain and improve our streetscapes and open spaces, preserving the trees and greenery that makes Kwinana unique	2.1 Enable a thriving and sustainable local economy that supports and sustains quality jobs and economic opportunities	3.1 Develop quality, affordable infrastructure and services designed to improve the health and wellbeing of the community	4.1 Create, activate and manage places and local centres that are inviting, unique and accessible	5.1 Model accountable and ethical governance, strengthening trust with the community
		3.2 Provide for an accessible and well-connected City by integrating public transport and improving safe streets for driving, walking and cycling	4.2 Improve Kwinana's perception by leveraging and promoting the unique attributes of the area and supporting feelings of safety and security in community	5.2 Develop strong community engagement through strong partnerships with the community
1.2 Maintain and enhance our beautiful, natural environment through sustainable protection and conservation	2.2 Create strong regional connections that will improve the ability for residents to access jobs, training and goods and services	3.3 Maintain infrastructure, playgrounds, parks and reserves to a high standard through sustainable asset maintenance and renewal	4.3 Enhance opportunities for community to meet, socialise, recreate and build local connections	5.3 Provide a high standard of customer service with the community as priority
		4.4 Develop wellbeing programs and implement physical recreation that is culturally appropriate for Kwinana's community	5.4 Establish a culture of continuous improvement, achieving high levels of business excellence	

The Foundation – what we do now

For the most part, the City undertakes its day to day operations as usual, providing many important services to the community. Aligning these services with our new strategic direction helps us to define the important key services which support the achievement of the plan. Through the City's reporting mechanisms and engagement with the community, the level of service the City provides to the community has been deemed adequate and no changes to current services have been identified for the life of this plan. This provides a stable foundation for the City to build its financial sustainability going forward.

Community Outcome	Key City Services	Responsible Team
1 A naturally beautiful environment that is enhanced and protected	<ul style="list-style-type: none">Animal and feral wildlife controlCoastal plantingContaminated site monitoringEnvironmental education programsEnvironmental health servicesEnvironmental subsidies and rebatesLitter and illegal dumping managementMosquito managementNoise controlUrban forest managementVerge collectionsWaste and recycling management	Environment and Health
	<ul style="list-style-type: none">Dog and cat control	City Assist
	<ul style="list-style-type: none">Emergency managementFire breaksVolunteer bushfire services	Emergency Services
	<ul style="list-style-type: none">Graffiti removalMaintenance of natural areas and parks	City Operations
	<ul style="list-style-type: none">Landscape design and constructionStormwater construction, maintenance and managementStreetscape design and maintenance	Engineering

City of Kwinana

Community Outcome	Key City Services	Responsible Team
2 A resilient and thriving economy with exciting opportunities	<ul style="list-style-type: none"> • Business events and support • Grants and funding • Economic planning 	Economic Development and Advocacy
	<ul style="list-style-type: none"> • Activity centre planning • Local development plans • Planning applications • Strategic urban planning 	Planning and Development
	<ul style="list-style-type: none"> • Building applications 	Building Services
	<ul style="list-style-type: none"> • Building renewal projects 	Engineering
	<ul style="list-style-type: none"> • Facility and venue hire • Volunteer resource centre • Library Education Programs 	Community Services
3 Infrastructure and services that are affordable and contribute to health and wellbeing	<ul style="list-style-type: none"> • Financial management and planning 	Finance
	<ul style="list-style-type: none"> • Asset management planning • Street lighting 	Asset Management Services
	<ul style="list-style-type: none"> • Engineering design and construction 	Engineering
	<ul style="list-style-type: none"> • Waste Management 	Environment and Health
	<ul style="list-style-type: none"> • Infrastructure Maintenance 	City Operations



Community Outcome	Key City Services	Responsible Team
4 A unique, vibrant and healthy City that is safe, connected and socially diverse	<ul style="list-style-type: none"> Capacity development for community organisations Community safety education programs and resources Disability access and inclusion planning Events, grants and funding Health and wellbeing Services Children and early years services Children's programs Local history Place activation Playgrounds Public art, exhibitions and awards Reconciliation action planning Senior services Youth services, scholarships and awards Citizenship ceremonies 	Community Engagement
	<ul style="list-style-type: none"> City Assist Services Crime prevention Vandalism and abandoned vehicles 	City Assist
	<ul style="list-style-type: none"> Communications and stakeholder engagement 	Marketing and Communications
	<ul style="list-style-type: none"> Community centres and libraries Crèche services Recreatic centre Swim programs Volunteer resource centre Retirement Village Bright Futures Children Services 	Community Services
	<ul style="list-style-type: none"> Pool applications and fencing requirements 	Building Services
	<ul style="list-style-type: none"> Governance Services 	Governance and Legal Services
	<ul style="list-style-type: none"> Lobbying and Advocacy 	Elected Members and Economic Development
	<ul style="list-style-type: none"> Continuous Improvement and Business Excellence Strategy and Plan Development 	City Strategy and Improvement
	<ul style="list-style-type: none"> Customer Service 	Customer Services
	<ul style="list-style-type: none"> Community Engagement Planning 	Community Engagement
5 Visionary leadership dedicated to acting for its community	<ul style="list-style-type: none"> Workforce Planning 	Human Resources

0
City of Kwinana

The Future – How we will get there

OUR VISION

A unique and liveable City, celebrated for and connected by its diverse community, natural beauty and economic opportunities

MISSION STATEMENT

Through visionary leadership, retain and enhance Kwinana's unique character by sustainably supporting and developing its community, economy and environment.

Community Outcome	Strategic Objectives	Key Actions	Type	21/22	22/23	23/24	24/25	Budget Type	Responsibility
1 A naturally beautiful environment that is enhanced and protected	1.1 Retain and improve our streetscapes and open spaces, preserving the trees and greenery that makes Kwinana unique	Implement the Landscape Strategy	Program	○	○	○	○	Operating	Engineering
		Implement the City Operations Annual Maintenance Program	Program	○	○	○	○	Operating	City Operations
		Implement the Kwinana Adventure Park Management Plan	Program	○	○	○	○	Operating	City Operations
		Develop the Urban Forest Plan	Program	○	○			Operating	Planning and Development
	1.2 Maintain and enhance our beautiful, natural environment through sustainable protection and conservation	Develop a Local Biodiversity Strategy	Project	○				Operating	Planning and Development
		Review and implement the Natural Areas Management Plan	Program	○	○	○	○	Operating	City Operations
		Implement the Local Planning Strategy	Program	○	○	○	○	Operating	Planning and Development
		Prepare the Local Planning Scheme	Major Project	○	○	○		Operating	Planning and Development
		Upgrade the Kwinana Loop Trail	Major Project	○	○			Capital	Community Services
		Implement the Environmental Education Plan	Program	○	○	○	○	Operating	Environment and Health
		Implement the Waste Education Plan	Program	○	○	○	○	Operating	Environment and Health
		Implement the Waste Plan	Program	○	○	○	○	Operating	Environment and Health
		Implement the Climate Change Plan	Program	○	○	○	○	Operating	Environment and Health
		Implement the Sustainable Water Management Plan	Program	○	○	○	○	Operating	Environment and Health
		Develop an Energy Sustainability Plan	Project	○				Operating	Environment and Health
		Implement the Mosquito and Midge Management Plan	Program	○	○	○	○	Operating	Environment and Health

4 Year Implementation Plan

2

Community Outcome	Strategic Objectives	Key Actions	Type	21/22	22/23	23/24	24/25	Budget Type	Responsibility
2 A resilient and thriving economy and exciting opportunities	2.1 Enable a thriving and sustainable local economy that supports and sustains quality jobs and economic opportunities	Develop a Local Economic Development Strategy	Project	○				Operating	Economic Development and Advocacy
		Implement the Local Planning Strategy	Program	○	○	○	○	Operating	Planning and Development
		Review the Local Commercial and Activity Centres Strategy	Program	○				Operating	Planning and Development
		Develop a Pathways to Employment Plan	Project		○			Operating	Economic Development and Advocacy
		Develop a Small Business Friendly Approval System	Project	○				Operating	City Development and Sustainability
	2.2 Create strong regional connections that will improve the ability for residents to access jobs, training and goods and services	Review Advocacy and Investment Plans	Project	○				Operating	Economic Development and Advocacy
		Attract a Mini Golf provider to Kwinana	Project	○				Operating	Economic Development and Advocacy
		Contribute to the development of an Economic and Spatial Governance Plan	Project	○				Operating	Economic Development and Advocacy

City of Kwinana

4 Year Implementation Plan

Community Outcome	Strategic Objectives	Key Actions	Type	21/22	22/23	23/24	24/25	Budget Type	Responsibility
3 Infrastructure and services that are affordable and contribute to health and wellbeing	3.1 Develop quality, affordable infrastructure and services designed to improve the health and wellbeing of the community	Review the Community Infrastructure Plan	Project	○				Operating	Community Services
		Develop a Sustainability Strategy	Project	○	○			Operating	Environment and Health
		Implement the Waste Plan	Program	○	○	○	○	Operating	Environment and Health
		Investigate options for Bulk Waste Collection	Project			○		Operating	Environment and Health
		Implement the Infrastructure Strategy	Program	○	○	○	○	Operating	Asset Management Services
		Implement the Buildings Asset Management Plan	Program	○	○	○	○	Operating	Asset Management Services
		Implement the Long Term Financial Plan	Program	○	○	○	○	Operating	Finance
	3.2 Provide for an accessible and well-connected City by integrating public transport and improving safe streets for driving, walking and cycling	Implement the Bike and Walk Plan	Program	○	○	○	○	Operating	Engineering
		Implement the Roads and Transport Asset Management Plan	Program	○	○	○	○	Operating	Asset Management Services
		Implement the Public Lighting Asset Management Plan	Program	○	○	○	○	Operating	Asset Management Services
	3.3 Maintain infrastructure, playgrounds, parks and reserves to a high standard through sustainable asset maintenance and renewal	Implement Parks Upgrade Strategy	Program	○	○	○	○	Operating	Engineering

Corporate Business Plan 2021-2025

4 Year Implementation Plan

Community Outcome	Strategic Objectives	Key Actions	Type	21/22	22/23	23/24	24/25	Budget Type	Responsibility
		Implement the Parks and Reserves Asset Management Plan	Program	○	○	○	○	Operating	Asset Management Services
		Implement the Drainage Asset Management Plan	Program	○	○	○	○	Operating	Asset Management Services

City of Kwinana



4 Year Implementation Plan

Community Outcome	Strategic Objectives	Key Actions	Type	21/22	22/23	23/24	24/25	Budget Type	Responsibility
4 A unique, vibrant and healthy City that is safe, connected and socially diverse	4.1 Create, activate and manage places and local centres that are inviting, unique and accessible	Implement the Social Strategy	Program	●	●	●	●	Operating	Community Engagement
		Implement the Local Planning Strategy	Program	●	●	●	●	Operating	Planning and Development
		Develop Place Plans	Project	●				Operating	Community Engagement
		Review the Local Commercial and Activity Centres Strategy	Project	●				Operating	Planning and Development
	4.2 Improve Kwinana's perception by leveraging and promoting the unique attributes of the area and supporting feelings of safety and security in community	Implement the Social Strategy	Program	●	●	●	●	Operating	Community Engagement
		Implement the Public Art Masterplan	Program	●	●	●	●	Operating	Community Engagement
		Implement the Heritage Implementation Plan	Program	●	●	●	●	Operating	Community Engagement
		Review the Emergency Services Delivery Model	Project	●	●			Operating	Emergency Services
	4.3 Enhance opportunities for community to meet, socialise, recreate and build local connections	Implement the Local Economic Development Strategy	Program		●	●	●	Operating	Economic Development and Advocacy

4 Year Implementation Plan

Community Outcome	Strategic Objectives	Key Actions	Type	21/22	22/23	23/24	24/25	Budget Type	Responsibility
		Implement the Innovate Reconciliation Action Plan	Program	●	●	●	●	Operating	Community Engagement
		Implement the Disability Access and Inclusion Plan	Program	●	●	●	●	Operating	Community Engagement
		Construct a Children's Safety Bike Track	Project	●	●			Operating	Engineering
	4.4 Develop wellbeing programs and implement physical recreation that is culturally appropriate for Kwinana's community	Develop the Kwinana Healthy Lifestyles Program	Project	●				Operating	Community Services
		Review the Public Health Plan	Project		●			Operating	Community Engagement

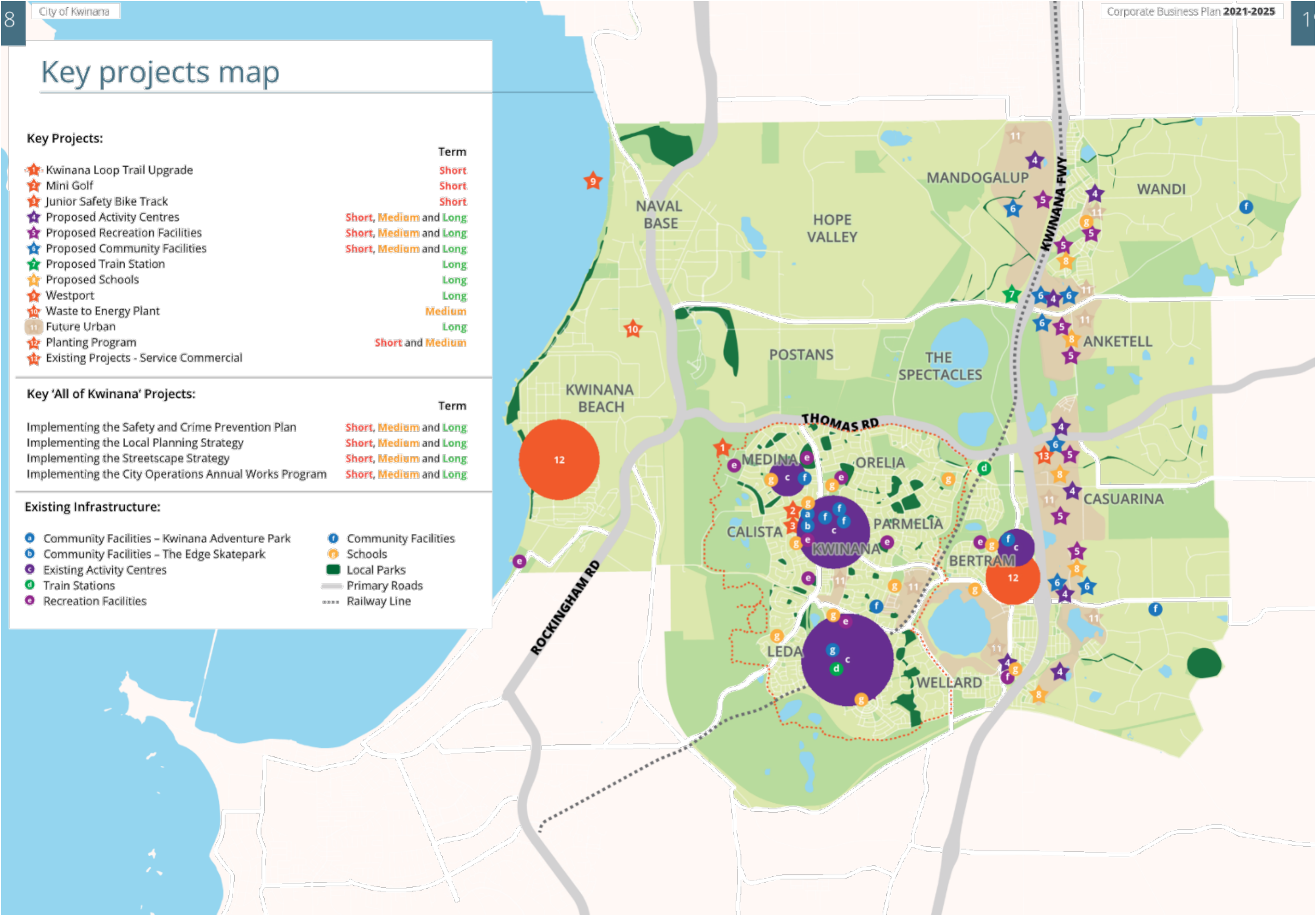
City of Kwinana



4 Year Implementation Plan

Community Outcome	Strategic Objectives	Key Actions	Type	21/22	22/23	23/24	24/25	Budget Type	Responsibility
5 Visionary leadership dedicated to acting for its community	5.1 Model accountable and ethical governance, strengthening trust with the community	Implement the Strategic Community Plan and Corporate Business Plan	Program	○	○	○	○	Operating	City Strategy and Improvement
		Implement the Long Term Financial Plan	Program	○	○	○	○	Operating	Finance
		Implement the Infrastructure Strategy	Program	○	○	○	○	Operating	Asset Management Services
		Develop a Strategic Procurement Plan Annually	Project	○	○	○	○	Operating	Contracts and Procurement
		Review Advocacy and Investment Plans	Project		○			Operating	Economic Development and Advocacy
		Implement the Innovate Reconciliation Action Plan	Program	○	○	○	○	Operating	Community Engagement
	5.2 Develop strong community engagement through strong partnerships with the community	Implement the Community Engagement Strategy	Program	○	○	○	○	Operating	Community Engagement
	5.3 Provide a high standard of customer service with the community as priority	Continue to implement the Customer Experience Plan	Program	○	○	○	○	Operating	Marketing and Communications
	5.4 Establish a culture of continuous improvement achieving high levels of business excellence	Develop the Business Excellence Framework	Project	○				Operating	City Strategy and Improvement
		Implement the Workforce Plan	Program	○	○	○	○	Operating	Human Resources
		Implement the Corporate Business System Project	Major Project	○	○	○		Operating	Corporate Business System Project Team

Corporate Business Plan 2021-2025



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City of Kwinana

How we will fund it

The implementation plan above has been aligned with our Long Term Financial Plan, the forecasts indicate how and when the City intends to fund certain activities.

STATEMENT OF FINANCIAL ACTIVITY/RATE SETTING STATEMENT
(BY NATURE OR TYPE)

Note: figures are 000's

	2022	2023	2024	2025
	\$	\$	\$	\$
Opening Funding Surplus (Deficit)	500	0	0	0
Revenue from operating activities				
Rates	42,035	43,991	46,001	48,066
Operating Grants, Subsidies & Contributions	6,895	6,976	7,073	7,185
Fees & Charges	12,975	12,389	12,574	12,800
Interest Earnings	689	690	692	693
Other Revenue	413	418	424	431
Revenue from operating activities	63,008	64,465	66,764	69,175
Expenditure from operating activities				
Employee Costs	(26,993)	(27,155)	(27,561)	(27,975)
Materials & Contracts	(24,704)	(24,909)	(25,278)	(25,658)
Utilities	(2,804)	(2,903)	(3,004)	(3,109)
Depreciation	(16,537)	(16,702)	(16,869)	(17,038)
Interest Expenses	(829)	(695)	(581)	(468)
Insurance Expenses	(614)	(622)	(630)	(640)
Other Expenditure	(312)	(316)	(320)	(324)
Expenditure from operating activities	(72,793)	(73,301)	(74,244)	(75,214)
Operating activities excluded from budget				
Add back Depreciation	16,537	16,702	16,869	17,038
Other non-cash movements	(2,957)	(424)	1,266	(364)
Amount attributable to operating activities	3,795	7,442	10,656	10,635
New Operating Proposals				
New Employment Expenses	(286)	(485)	(492)	(694)
New Service/Changes to Services Proposals	(864)	(788)	(686)	(725)
New Operating Proposals	(1,150)	(1,273)	(1,179)	(1,420)
Amount available for capital and other commitments	3,145	6,169	9,477	9,216
Investing activities				
Grants, Subsidies and Contributions	17,010	14,915	3,232	6,032
Proceeds from Self Supporting Loan	18	18	19	20
New / Upgrade Asset Expenditure	(18,313)	(15,008)	(2,805)	(5,447)
Renewal Asset Expenditure	(5,675)	(6,378)	(6,870)	(8,050)
Amount attributable to investing activities	(6,961)	(6,453)	(6,424)	(7,445)
Financing Activities				
Repayment of Debentures	(4,602)	(2,262)	(2,241)	(2,341)
Proceeds from New Debentures	2,500	0	0	0
Transfer to Reserves	(11,289)	(15,906)	(8,039)	(10,471)
Transfer from Reserves	17,207	18,452	7,226	11,041
Amount attributable to financing activities	3,815	284	(3,053)	(1,771)
Closing Funding Surplus (Deficit)	0	0	0	0

		Corporate Business Plan 2021-2025			
		Note: Figures are 000's			
		2022	2023	2024	2025
		\$	\$	\$	\$
Office of CEO	Contracts & Tenders				
	TechOne E-portal			56	16
	Economic Development				
	Joint Community and Economic Development Plan	20	40		
	Governance				
	Bi-annual Elections	110	56	56	57
	Internal Audit	45	46	46	47
	HRM				
	EBA Negotiations	25			26
	Classification Project	15			
	Legal Expenses	5	5	5	5
	Marketing & Communications				
	Community Perception Survey		32		33
City Infrastructure					
	Asset Management				
	Consultancy	90	78	46	52
	City Operations				
	New Estates	42	97	104	168
	Infra audit footpath defects		5	5	5
	Tactile renewal Project (Across the City)	10	10	10	10
	Road Patching Work (contractor cost)	10	10	12	15
	Bushland weed and condition mapping	20	20	21	
	New Natural Area Reserves	30	30	31	31
	Loop Trail maintenance			18	19
City Life					
	Community Engagement				
	Healthy Lifestyles Programs and Activities	68	69	69	71
	Reinstatement of Event budget	250	253	257	261
	Community Services				
	Program income		(1)	(3)	(4)
	Increase to hire fees	(55)	(60)	(66)	(72)
	Commission payable - Online booking system	32	35	37	39
	Family Daycare				
	Family Day Care Australia Conference	9			9
	Recquatic				
	Spin bike lease	6	6	6	6
	Room hire (once Stirling Skills lease has ceased)		(10)	(21)	(31)
	Standard Aquatic Membership - 15%, \$10,500		(11)	(22)	(33)
	Junior Aquatic Membership - 5%, \$6,500		(7)	(13)	(20)
	Premium Aquatic Membership 20%, \$14,000		(14)	(29)	(44)
	Creche Memberships - 10%, \$7,000		(7)	(14)	(22)
	Premium Recquatic Membership - 30%, \$21000		(21)	(43)	(66)
	Standard Fitness Membership - 20%		(14)	(29)	(44)
	Court Hire		(3)	(7)	(10)

Directorate	Team	New Operating Item	2022	2023	2024	2025
			\$	\$	\$	\$
City Development and Sustainability						
	Environmental Health Services					
		Energy Audits	10	10	10	10
		Revolving Energy Fund	7	7	7	7
		Feasibility Study 3rd bin		76		
		Waste Education Plan & Waste Plan Review				52
		Review of Public Health Plan			21	
		Review of the Mosquito and Midge Management Plan			5	
		Relief for staff	5	5	5	5
		SMRC Exit Costs	60			
		Reserve Funded	(60)	(76)		(52)
	Essential Services					
		DFES funding for Bushfire Risk Management Plan	(80)			
		Bushfire Risk Management Plan	80			
		LEMA's and Community Emergency Risk Management Plans				52
		Infringement & reporting system software subscription		11	11	11
City Business						
	Finance					
		GRV Valuation Year	85	86	87	89
		Incentives/Prize Draw	5	5	5	5
		Fair Value Asset Valuations	20			21
		Financial Management Review		20		
Grand Total			864	788	686	725



NEW WORKFORCE PLAN EXPENSES

Note: Figures are 000's

New positions	2022	2023	2024	2025
	\$	\$	\$	\$
CITY DEVELOPMENT AND SUSTAINABILITY				
Building Control/Approvals				
Building Cadet	73	74	75	76
Building Surveyor	50			
Environmental Health Services				
(Existing) ENV8 Sustainability Officer	38	38	39	39
CITY LIFE				
Community Engagement				
Active Kwinana Program Officer	87	88	89	90
Community Services				
DCA 10 - Local Community Centre Staff				
DCA 8 - Local Community Centre Staff				
DCA 9 - Local Community Centre (large Scale)				
District A - Youth Centre				
District A & B Branch Library				
District A & B Dry Recreation Centre				
District B Community Centre Staff				
District B Youth Centre				
Local Community Centre/Clubroom District B (Wellard West)				
CITY INFRASTRUCTURE				
City Operations				
Technical Officer - Natural Areas	38	38	39	39
Supervisor Parks				
Mechanical Apprentice		41	42	43
Engineering Services				
ETO Traffic				97
ETO Design				97
ETO Project Management				
CITY BUSINESS				
IT				
Spatial Data Analyst		112	113	115
TechOne & HR Software Analyst		94	95	97
Grand Total				
	286	485	492	694

Occurring outside of 4 years but within the Strategic Community Plan span of 10 years

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City of Kwinana

CAPITAL EXPENDITURE

Note: Figures are 000's

	2022	2023	2024	2025
Project Name	\$	\$	\$	\$
Renewal Buildings	5,675	6,378	6,870	8,050
Building Contingency	100	101	103	104
Building Renewals	420	769	985	1,564
Operations Centre Extension	550			
Administration Building	50	51	51	
Bus Shelters	18	22	26	30
Bus Shelters Renewal	18	22	26	30
Car Parks	50	57	65	76
Car Park Renewal	50	57	65	76
Computing Infrastructure		152	154	156
Corporate Business System Renewal - Transfer to Reserve		152	154	156
Drainage	18	23	26	30
Drainage Renewals per Asset Management Plan	18	23	26	30
Footpaths	110	136	153	177
Footpath Renewals	110	136	153	177
Furniture & Equipment	20	152	46	82
Furniture and Fittings Renewal	20	20	21	21
Recquatic - Furniture & Equipment renewal		101		
Community Resource Centres Equipment Renewal			26	17
Self Check outs		30		23
Community resource centres plant and equipment renewal				21
Motor Vehicles	350	354	359	365
Plant Replacement Program - Light Fleet	350	354	359	365
Parks & Reserves	698	867	1,020	1,182
Public Open Space/Parks & Reserves Renewals	698	867	1,020	1,182
Roads	2,834	3,277	3,443	3,865
MRRG Road Renewals and whether escalate funding	1,294	1,125	1,125	1,125
Road Reseal Renewals - Roads to Recovery	480	498	498	498
Muni Funded Road Renewals	1,060	1,654	1,820	2,242
Street Lighting	19	24	28	33
Street Lighting Renewal per Asset Management Plan	19	24	28	33
Plant & Equipment	439	393	410	386
Plant Replacement Program - Plant & Equipment	370	374	380	386
Recquatic Plant renewal	27	19		
Recquatic Equipment renewal	30		31	
City Assist - Enclosures	12			
New/Upgrade Buildings	18,313	15,008	2,805	5,447
DCA 12 - Local Sporting Ground with Community Centre / Clubroom - Wellard West	4,351	137	221	2,489
DCA 9 - Local Sports Ground Clubroom - Honeywood	3,718		154	2,447
Operations Centre Extension	550			

Corporate Business Plan 2021-2025

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	2022	2023	2024	2025
Project Name	\$	\$	\$	\$
Administration Building	50	51	51	
Rhodes Park Accessible Public Toilet		61		
Solar & Efficiency Equipment	8	25	15	42
Additional works around the Kwinana South VBFB	25			
Bus Shelters	12		12	
Bus Shelters New	12		12	
Computing Infrastructure	535			
Corporate Business System	455			
City Website Redevelopment		Occurring outside of 4 years but within the Strategic Community Plan span of 10 years		
Infringement System	80			
Drainage	683	506	1,432	229
DCA 3 - Peel Sub P Drain - Anketell Sth & Casuarina			1,175	
Drainage New	250		257	229
DCA 1 - Stormwater Management Infrastructure	433			
Drainage New - Tanson Road upgrade		506		
Footpaths	1,032	536	499	281
Footpaths New			499	
Gilmore Ave Shared path Construction - Chisham Ave to Wellard Rd				
Gilmore Ave Shared path Construction - Thomas Rd to Chisham Ave	740			
Parmelia Ave Shared path Construction - Sulphur Rd to Tunncliffe St		536		
Parmelia Ave Shared path Construction - Tunncliffe St to Wellard Rd				281
Footpaths New - Infrastructure Boost	292			
Land	1,809			
DCA 2,3,4,5,6,7 - Branch Library Land		629		
DCA 4,5 - Local Community Centre Land		393		
DCA 4,5,6 - District Youth Centre Land		786		
Parks & Reserves	985	11,879	498	2,301
Urban Tree Planting	255	187	190	193
Streetscape Strategy	220	172	154	94
Parks Upgrade Strategy	160	152	154	156
DCA 2,3,4,5,6,7 - District Sporting Ground				1,858
DCA 6 - Mandogalup Public Open Space		11,014		
Kwinana Loop Trail Upgrade	350	354		
Roads	10,540	101	103	104
Road & Path Upgrades - Infrastructure Boost	960			
Black Spot Wellard Road & Henley Boulevard Pre-deflection	470			
Traffic Management Projects	100	101	103	104
DCA 3,4 - Thomas Road	9,010			
Street Lighting	175	40	41	42
Challenger Ave Street light construction - Warner to Bertram Road	135			
Street Lighting New	40	40	41	42
Grand Total	23,988	21,386	9,675	13,497



How we will manage our workforce

To continue to provide the best possible level of service to the community, we have identified five strategic priorities to develop our workforce. These priorities were developed to align with the community outcomes of the Strategic Community Plan and the community's vision for the City.

Our strategic priorities:

1. Aligned and active leadership
2. Right people right behaviour
3. All working together as one team
4. Empowered and effective teams
5. Systems and processes

After consideration of the City's new strategic direction, the City will instead focus on providing a consistent level of service without increasing staff levels where possible.

How we will manage our assets

The City's infrastructure assets represent a significant investment, over many generations. Millions of dollars are spent annually managing and maintaining this infrastructure, and it is imperative that we utilise the best management skills and practices to ensure related services are delivered economically and sustainably. To manage this, the City will implement and continuously monitor its Infrastructure Strategy.

This Infrastructure Strategy identifies how the City plans to transition from a traditional approach to providing infrastructure, where a small group of experts applied their knowledge within their own area of expertise to determine what needed to be done, to a collaborative and strategic approach across the whole organisation. This will ensure a well-informed understanding of stakeholder requirements obtained through appropriate engagement and will be supported by data-based analysis of asset condition and performance, and will result in the provision of appropriate and effective assets to the community in the most efficient means practicable.

The drive to improve the City's strategic management encompasses infrastructure and activities across the whole of the organisation. Specific initiatives associated with Infrastructure include (but is not limited to):

- Continue the development and implementation of best practise Asset Management Strategy and Framework aligned with ISO 55000.
- Develop and implement of a fit for purpose Project Management Framework and associated documentation
- Improved Health and Safety policy with respect to contractor engagement and management with respect to all works.
- Development and implementation of a Corporate Business Systems with regard to Asset Management and Project and Operational Management.
- Development of a Sporting and Recreation Plan
- Process development and documentation



These strategies will further inform our needs in both the short and longer term, and how we set our priorities in conjunction with affordability.

The City will seek to further clarify and define the requirements for service delivery as a separate function from asset management and project delivery, and allocate accountability and responsibility for those functions to specific roles within the organisation. It is envisaged this will give a sharper focus on ensuring appropriate service delivery supported by appropriate assets.

In the short term (0-5 years) the infrastructure strategy will strive to maintain the existing assets at the current Levels of Service (LoS) and address the known or identified major issues (e.g. high risk or regulatory compliance). However due to the chronic underfunding of asset renewals, the LoS will drop. During this time, non-urgent capital projects that are not likely to directly impact on the LoS in the short to medium term, should be prioritised or deferred.

In the medium term, (5-10 years) LoS will continue to drop, until we start investing enough to maintain the condition of assets.

In the longer term (10-15 years) with the forecast new investments, the decline in LoS will slow, until it stabilises in year 11, and slowly increases, on average, through the provision of new assets.

The Asset Sustainability Ratio shows current performance is at 22%, which is 68% below the required range of 90% to 100%. This is due to the City's proportion of expenditure on existing capital assets being insufficient when compared to the annual consumption of assets. As a consequence, the City is in effect asking future generations to fund the lifestyle of the current generation. The plan is to steadily increase renewal expenditure to improve the Asset Sustainability Ratio with a target of 80% within 10 years.



How we will manage risk

The implementation of any plan comes with risks, so the City has put measures in place to ensure that risks are managed effectively. The City's Risk Management Strategy outlines the City's approach to risk, which is aligned to the AS/NZS ISO 31000:2018 Risk Management - Guidelines.

The Risk Management Strategy confirms the City's commitment to improving its capability to identify and manage risks as an integral part of business practices.

The following risk management objectives have been identified for the City:

- 1. Minimise the occurrence of serious injury or loss of life
- 2. Protect assets and resources, including natural and cultural
- 3. Meet legislative and compliance requirements
- 4. Minimise legal liability
- 5. Minimise disruption to operations and services
- 6. Minimise financial loss, including through theft or fraud
- 7. Improve the City's governance, management capability and accountability; Ensure an effective response to critical incidents effecting services and operations
- 8. Effective emergency response and event recovery
- 9. Minimise potential damage to reputation

Risks are constantly monitored by the City and are reported to the Audit and Risk Committee every quarter.



The Destination – How will we know we are there

The City, in conjunction with the community, will review this plan once every two years using results gained from a bi-annual community perceptions survey. This will give life to the measures listed in this plan and provide an indication of the City's progress towards achieving the community's vision. In addition to the survey, the City will undertake the following reporting processes to keep the community informed:

- Quarterly Performance Report to Council
- Integrated Planning Progress Report in the Annual Report
- Regular updates via the City's media channels


The City will utilise community perception indicators as well as several business indicators to show the overall performance of the Strategic Community Plan (shown in the tables above). This will be achieved through a detailed community perceptions survey and recording of internal business performance indicators. The last Community Perceptions Survey was undertaken in 2020 to review the community's perception of City services, with the questions asked being specifically related to objectives the community had outlined in the formulation of the Strategic Community Plan. The results of this survey were used as guidance in prioritising areas for improvement and measuring the organisation's success towards the community's vision.

*Community performance indicators with TBC as a current performance measure will receive a benchmark during the next community services and wellbeing surveys as MARKYT® measure





Community Outcome	UN Sustainability Goal	Performance Measure	Current Performance (2020 unless specified)	Target	Frequency
1 A naturally beautiful environment that is enhanced and protected		Maintain performance of streetscapes	60%	1-10% variance	Every 2 Years
		Maintain performance of verge side bulk rubbish collections	67%	1-10% increase	Every 2 Years
		Improve performance of conservation, land and environmental management	60%	1-10% increase	Every 2 Years
		Maintain performance of efforts to adopt sustainable practices and respond to climate change	59%	1-10% increase	Every 2 Years
		Maintain performance of water resource management	59%	1-10% increase	Every 2 Years
		Maintain performance of general waste and recycling collection services	65%	1-10% increase	Every 2 Years
		Maintain performance of animal and pest control	58%	1-10% increase	Every 2 Years
		Maintain performance of management of food, health, noise pollution issues	56%	1-10% increase	Every 2 Years
		Increase percentage of green canopy coverage	8% (between 2016 and 2020)	9% (between 2020 and 2024)	Annual
		Decrease average household waste generated per year	1,204 kg/hhl/year (2018/19)	1 % decrease per year	Annual
		Retain water-wise accreditation	Accredited	Accredited	Annual

Community Outcome	UN Sustainability Goal	Performance Measure	Current Performance (2020 unless specified)	Target	Frequency
2 A resilient and thriving economy and exciting opportunities		Improve performance of Economic Development – what the City is doing to attract investors, attract and retain businesses and create more job opportunities	48%	1-10% increase	Every 2 Years
		Improve performance of efforts to attract goods and services in the local area	TBC	1-10% increase	Every 2 Years
		Maintain performance of planning and building approvals	53%	1-10% variance	Every 2 Years
		Maintain performance of access to housing that meets community needs	64%	1-10% variance	Every 2 Years
		Maintain performance of how the industrial area is being developed	57%	1-10% variance	Every 2 Years
		Increase number of residents employed in the SW metro region	TBC	TBC	Annual
		Increase in number of new businesses locally	TBC	TBC	Annual
		Develop and adopt a Local Economic Development Strategy	N/A	Within 4 years	Annual
		Develop the Local Planning Strategy and adopt by WAPC	N/A	Within 4 years	Annual

Community Outcome	UN Sustainability Goal	Performance Measure	Current Performance (2020 unless specified)	Target	Frequency
3 Infrastructure and services that are affordable and contribute to health and wellbeing		Improve the Asset Consumption Ratio	77%	TBC	Annual
		Improve the Asset Sustainability Ratio	27%	80%	Annual
		Improve the Asset Renewal Funding Ratio	30%	TBC	Annual
		Improve the Operating Surplus Ratio	(0.20)	TBC	Annual
		Improve the Current Ratio or Working Capital Ratio	33%	TBC	Annual
		Improve the Debt Service Cover Ratio	234%	TBC	Annual
		Improve the Own Source Revenue Ratio	75%	TBC	Annual
		Maintain performance of road maintenance	64%	1-10% variance	Every 2 Years
		Maintain performance of traffic management on local roads	64%	1-10% variance	Every 2 Years
		Maintain performance of footpaths and cycleways	62%	1-10% variance	Every 2 Years
		Improve performance of playgrounds	TBC	1-10% increase	Every 2 Years
		Improve performance of parks and reserves	TBC	1-10% increase	Every 2 Years
		Improve performance of community centres	TBC	1-10% increase	Every 2 Years

Community Outcome	UN Sustainability Goal	Performance Measure	Current Performance (2020 unless specified)	Target	Frequency
4 A unique, vibrant and healthy City that is safe, connected and socially diverse		Improve performance of festivals, events	63%	1-10% increase	Every 2 Years
		Maintain performance of access to community grants and funding	55%	1-10% variance	Every 2 Years
		Maintain performance of access to health and wellbeing services, including mental health	52%	1-10% variance	Every 2 Years
		Maintain performance of access to services and facilities for people with a disability	58%	1-10% variance	Every 2 Years
		Maintain performance of community centres and facilities	67%	1-10% variance	Every 2 Years
		Maintain performance of facilities, services and care available for seniors	58%	1-10% variance	Every 2 Years
		Improve performance of cultural services	63%	1-10% increase	Every 2 Years
		Maintain performance of footpaths and cycleways	62%	1-10% variance	Every 2 Years
		Maintain performance of how local history is preserved and promoted	60%	1-10% variance	Every 2 Years
		Maintain performance of Kwinana Recquatic	74%	1-10% variance	Every 2 Years
		Maintain performance of library and information services	78%	1-10% variance	Every 2 Years
		Maintain performance of lighting of streets and public places	57%	1-10% variance	Every 2 Years

Community Outcome	UN Sustainability Goal	Performance Measure	Current Performance (2020 unless specified)	Target	Frequency
4 A unique, vibrant and healthy City that is safe, connected and socially diverse		Maintain performance of multiculturalism and racial harmony	56%	1-10% variance	Every 2 Years
		Improve performance of opportunities to take part in physical activity	62%	1-10% increase	Every 2 Years
		Improve performance of safety and security	42%	1-10% increase	Every 2 Years
		Improve performance of services and facilities for families	65%	1-10% increase	Every 2 Years
		Maintain performance of services and facilities for youth	66%	1-10% variance	Every 2 Years
		Maintain performance of sport and recreation facilities	67%	1-10% variance	Every 2 Years
		Improve performance of the area's character and identity	58%	1-10% increase	Every 2 Years
		Maintain performance of volunteer support and recognition	62%	1-10% variance	Every 2 Years
		Percentage of population participating in physical activity through City programs	TBC	TBC	Annual

Community Outcome	UN Sustainability Goal	Performance Measure	Current Performance (2020 unless specified)	Target	Frequency
5 Visionary leadership dedicated to acting for its community		Maintain performance of Council's leadership within the community	57%	1-10% variance	Every 2 Years
		Maintain performance of the City's vision for the future	44%	1-10% variance	Every 2 Years
		Maintain performance of how open and transparent Council processes are	50%	1-10% variance	Every 2 Years
		Maintain performance of the City providing reasons for its decisions and how residents' views have been taken into account	33%	1-10% variance	Every 2 Years
		Maintain performance of how the community is engaged about local issues	48%	1-10% variance	Every 2 Years
		Maintain performance of Elected members (the Councillors) having a good understanding of community needs	32%	1-10% variance	Every 2 Years
		Maintain performance of being informed about what's happening in the local area (including local issues, events, services and facilities)	62%	1-10% variance	Every 2 Years
		Maintain performance of the City's newsletter (The Spirit)	64%	1-10% variance	Every 2 Years
		Maintain performance of the City's social media presence (Facebook etc.)	58%	1-10% variance	Every 2 Years
		Maintain performance of the City's customer service	63%	1-10% variance	Every 2 Years
		Maintain performance of the City's website	62%	1-10% variance	Every 2 Years

Note: All community performance measures are a MARKYT® Performance Score. Community performance indicators with TBC as a current performance measure will receive a benchmark during the next community services and wellbeing surveys as MARKYT® measure

Performance Reporting and Review

The City will review this plan every year. This will provide an indication of the City's progress towards achieving the community's vision. The City will also keep track of business performance measures internally and some of these measures are listed in this plan. City performance will be reported back to the community in the form of:

- A Quarterly Performance Report to Council
- The Integrated Planning Progress Report in the Annual Report
- Regular updates via the City's media channels



Notes



ADMINISTRATION

Cnr Gilmore Ave and Sulphur Rd,
Kwinana WA 6167
PO Box 21, Kwinana WA 6966

Telephone 9439 0200

customer@kwinana.wa.gov.au

www.kwinana.wa.gov.au



18.2 ACCOUNTS FOR PAYMENT FOR THE MONTH ENDED 30 APRIL 2022**SUMMARY**

The purpose of this report is to present to Council a list of accounts paid under delegated authority for the month ended 30 April 2022, as required by the *Local Government (Financial Management) Regulations 1996*.

OFFICER RECOMMENDATION

That Council:

- 1. Accepts the list of accounts, totalling \$5,017,075.20, paid under delegated authority in accordance with Regulation 13(1) of the *Local Government (Financial Management) Regulations 1996* for the period ended 30 April 2022, as detailed within Attachment A.**
- 2. Accepts the detailed transaction listing of credit card expenditure paid for the period ended 30 April 2022, as detailed within Attachment B.**

DISCUSSION

Council has delegated, to the Chief Executive Officer, the exercise of its power to make payments from the City's Municipal and Trust funds. In accordance with Regulation 13 of the *Local Government (Financial Management) Regulations 1996* a list of accounts paid is to be provided to Council, where such delegation is made.

The following table summarises the payments for the period by payment type, with full details of the accounts paid contained within Attachment A.

Payment Type	Amount (\$)
Automatic Payment Deductions	\$ 55,126.11
EFT Payments #4336 to #4349	\$ 3,635,124.43
Payroll Payments 03/04/22 and 17/04/22 and Interim Payroll Payments 08/04/22 and 26/04/22	\$ 1,326,824.66
Total Attachment A	\$ 5,017,075.20

Contained within Attachment B is a detailed transaction listing of credit card expenditure paid for the period ended 30 April 2022. This amount is included within the total payments, listed above.

STRATEGIC IMPLICATIONS

This proposal will support the achievement of the following outcome/s and objective/s detailed in the Strategic Community Plan and Corporate Business Plan.

Strategic Community Plan			
Outcome	Strategic Objective	Action in CBP (if applicable)	How does this proposal achieve the outcomes and strategic objectives?
5 – Visionary leadership dedicated to acting for its community	5.1 – Model accountable and ethical governance, strengthening trust with the community	N/A – There is no specific action in the CBP, yet this report will help achieve the indicated outcomes and strategic objectives	Transparent reporting of financial information

SOCIAL IMPLICATIONS

There are no social implications as a result of this proposal.

LEGAL/POLICY IMPLICATIONS

Regulation 13 of the *Local Government (Financial Management) Regulations 1996* states:

13. *Payments from municipal fund or trust fund by CEO, CEO's duties as to etc.*
- (1) *If the local government has delegated to the CEO the exercise of its power to make payments from the municipal fund or the trust fund, a list of accounts paid by the CEO is to be prepared each month showing for each account paid since the last such list was prepared —*
- (a) *the payee's name; and*
 - (b) *the amount of the payment; and*
 - (c) *the date of the payment; and*
 - (d) *sufficient information to identify the transaction.*
- (2) *A list of accounts for approval to be paid is to be prepared each month showing*
- (a) *for each account which requires council authorisation in that month —*
 - (i) *the payee's name; and*
 - (ii) *the amount of the payment; and*
 - (iii) *sufficient information to identify the transaction; and*
 - (b) *the date of the meeting of the council to which the list is to be presented.*
- (3) *A list prepared under subregulation (1) or (2) is to be —*
- (a) *presented to the council at the next ordinary meeting of the council after the list is prepared; and*
 - (b) *recorded in the minutes of that meeting.*

FINANCIAL/BUDGET IMPLICATIONS

There are no financial implications that have been identified as a result of this report.

ASSET MANAGEMENT IMPLICATIONS

There are no asset management implications that have been identified as a result of this report.

ENVIRONMENTAL/PUBLIC HEALTH IMPLICATIONS

There are no implications on any determinants of health as a result of this report.

COMMUNITY ENGAGEMENT

There are no community engagement implications as a result of this report.

ATTACHMENTS

- A. Payment Listing April 2022**
- B. Credit Card Transaction Report April 2022**

Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Automatic Deductions			
Go Go On-Hold Pty Ltd	00056530	Messages on hold services for April 2022	198.00
Commonwealth Bank	040422A	Credit card Executive Assistant to 040422	5,000.00
Commonwealth Bank	040422B	Credit card Director City Development and Sustainability to 040422	451.60
Commonwealth Bank	040422C	Credit card Manager Customer Communications to 040422	2,144.41
Commonwealth Bank	040422D	Credit card Director City Infrastructure to 040422	525.45
Commonwealth Bank	040422E	Credit card Director City Life to 040422	3,007.68
Commonwealth Bank	040422F	Credit card Coordinator Events, Engagement and Grants to 040422	24.08
Commonwealth Bank	040422G	Credit card Rates Coordinator to 040422	6,058.10
Commonwealth Bank	040422H	Credit card Manager Human Resources to 040422	3,395.60
BP Australia Pty Ltd	12026971	Fleet Fuel 010322 to 310322	19,599.85
iinet Technologies Pty Ltd	131450226	Monthly internet charges various	589.93
Windcave Pty Ltd	1927463	John Wellard/William Bertram service fees	330.00
Windcave Pty Ltd	1932421	Monthly service fees March 2022	188.89
Ampol Australia Petroleum Pty Ltd	0302022060	Fleet Fuel 010322 to 310322	12,262.47
Fines Enforcement Registry	29266344	Lodgement fee for infringements	715.50
iinet Technologies Pty Ltd	731873840	Monthly internet charges Bertram Community Centre	79.99
Wright Express Australia Pty Ltd	77	Fleet Fuel 010322 to 310322	554.56
Total Automatic Deductions			-55,126.11
EFT			
EFT TRANSFER: - 06/04/2022			44,394.00
Bright Futures Family Day Care - Pa	280322 to 030422	FDC Payroll 280322 to 030422	31,185.33
Bright Futures In Home Care - Payro	280322 to 030422	IHC Payroll 280322 to 030422	13,208.67
EFT TRANSFER: - 07/04/2022			1,152,642.89

Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Alex Krsnik	SQ22066	Landscape maintenance various sites March 22	260.70
	SQ22065	Landscape maintenance various sites March 22	858.00
	SQ22068	Landscape maintenance various roads March 22	4,064.01
Wheellie Clean	10350	Rubbish bin clean for Administration building	267.52
	10349	Rubbish bin clean for Darius Wells Library	369.38
Peerless Jal Pty Ltd	SI303269	3 x 25L gym floor cleaner	302.06
Orbit Fitness	WC217896	25 x yoga Mats	910.00
Leaf Bean Machine Pty Ltd	00101423	Items for Cafe Splash at Recquatic Centre	385.00
	00101330	Items for Cafe Splash at Recquatic Centre	142.50
	00102709	Items for Cafe Splash at Recquatic Centre	385.00
Sonic Health Plus	2589076	Pre-employment medical assessment 280322	198.00
	2589075	Pre-employment medical assessment 280322	198.00
	2572692	Pre-employment medical assessment 080322	198.00
Gavin Wade Scott	0077	Repairs on trailer rear tilt ramps	1,100.00
Dowsing Group Pty Ltd	17756	Footpath renewal Burk Place	13,819.59
DNR Contracting Pty Ltd	00001282	Hefron Way upgrading minor civil works	25,113.00
	00001283	Tanson Road drainage upgrade	137,658.10
WA Carmax Pty Ltd	JC13046298	Isuzu Dmax repair KWN1934	154.00
Rockingham Betta Electrical & Gas	32410036827	Banksia Park 11 replace oven	2,377.00
Shack Motors Pty Ltd	48654	1 stop light assembly	161.69
	47251	6 x 10L AdBlue	169.62
Mackie Plumbing and Gas Pty Ltd	I102308	Replace timer tap McWhirter Oval	435.48
	I102293	Scheduled maintenance Wandi Hall	621.50
As Clean As A Whistle	00001079	Banksia Park Clubhouse cleaning March 2022	819.50
Kits for Cars	15662	Supply and install reverse camera and brake unit	770.00
Australian HVAC Services Pty Ltd	65627	Recquatic AC repairs	410.55
Royal Life Saving Society	140584	First aid online training	109.00
NORDA Architects Pty Ltd	2203-06	Variation 3 Kwinana South Station	1,067.00
Kadeklerk Photography	PO136093	Neighbour Day event photography	1,695.00
Good Games Rockingham	ROC124800	Dungeons and Dragons facilitator training material	445.00
Veraison Training and Development	INV-0907	Culture optimisation meeting	2,838.00
Projector Lamp Experts Pty Ltd	INV-1609	1x projector lamp with housing	288.60
Hydraulink Australia Pty Ltd	875183	Hose repair on broom attachment	589.18
Bullivants Pty Ltd	DMI401176530	Lifting equipment inspection for Depot	814.55
Woolworths Group Open Pay	TXN584923	Stationery for Junior Neighbourhood Watch	191.45
	TXN587711	Drop In consumables	86.55
	TXN595605	Community planning workshop catering	129.42
	TXN584620	Items for Library	3.90
	TXN581667	Items for Zone	5.20
	TXN596029	Items for Bright Futures	46.57
	TXN595566	Items for Zone	7.80
Jessie Louise Burke	28March22	Coffees for community event	40.40
Complete Portables	MW/222878	Hire of portables for Depot	511.50
AK Food Services WA Pty Ltd	002400	Coffee for home based business meet-up	63.00
	002412	Coffees for Ride to School Day	215.00
Australia Post	1011400223	Commission fees for rate payments March 22	691.43
Trophy Express	15560	75 medals including engraving	547.50
The Skateboarding Program	INV-0008	Beginners skateboarding session	945.00

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Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Marelda Kelly	0008	Advice and procedures for local history collection	1,450.00
Tara Louise Curtain	11	Debt recovery services to 310322	520.00
Pascal Bailey	010422	Reimbursement for parking IPWEA conference	12.50
Sportsworld Of WA	141153	Ripper junior blue goggles	66.00
Chockers Gutter Cleaning	00001958	Callistemon Court gutter cleaning	4,400.00
Robert Walters Pty Ltd	1963272	Temp staff week ending 270322	5,291.44
Brendan John Barton	24924	Crossover Subsidy Rebate	525.00
Christian Michael Soetjpto	Journal 10.11	Rates Refund	504.58
Amena Karina Cuffe	Journal 10.12	Rates Refund	1,500.00
Gregory Russell & Robert James Chav	Journal 10.13	Rates Refund	463.55
Rental Management Australia	Journal 10.14	Rates Refund	505.23
Marnie Elise Tienhoven	05April2022	Swimming lesson refund due to double booking	106.56
Stefan Russell Wheeler	Journal 11.5	Rates Refund	536.92
The Good Guys	D0921717332	Administration Dyson cordless vacuum	449.00
	D0921715007	Administration Samsung microwave	219.00
Toll Transport Pty Ltd	6011280	Transport services food water sampling analysis	75.15
Total Eden Pty Ltd	412059609	Reticulation supplies	181.01
WA Limestone Co	UP6744/01	Lawn sand delivered to City Operations Depot	490.71
Western Australian Local Government	I3092579	Introduction to Waste Management 060522	578.00
Water Corporation of Western Austra	9020597837Mar22	3U Bulrush Park drink fountain	10.59
	9017125687Mar22	1U Reserve at Malden St Wellard	5.30
	9021239484Mar22	0U Ryhill Cr POS Drink fountain	47.77
	9021511329Mar22	2U Boyne Park	5.29
	9018171503Mar22	2U Rushbrooke Park Wellard	5.29
	9021870831Mar22	1U Moonstone Park	5.30
	9018600726Mar22	19U Wellard Community Centre	1,645.86
	9020528305Mar22	14U Reserve Cavendish Blvd	37.04
Rubek Automatic Doors	00028877	Service door at Darius Wells	715.00
Taylor Tyres Pty Ltd	26203	1ERM600 puncture repair call out onsite	88.00
Beaver Tree Services Aust Pty Ltd	81601	Tree watering w/e 180322	1,501.32
	81382	Tree watering Administration building	39.60
	81671	Treat bee nest Town Park Meares Ave	740.23
	81682	Tree removal Runnymede Gate	3,155.97
	81681	Stump removals various locations	1,190.10
	81388	Tree removal Medina	2,064.61
	81672	Treat bee nest Medina Oval	449.83
	81670	Treat bee nest Calista	449.83
	81389	Tree removals and stump grind Wellard	6,005.05
	81668	Tree pruning Koorliny Arts Centre	1,227.67
	81705	Tree removal and stump grind Litchfield Circuit	871.20
	81531	Tree removal on Gilmore Avenue	785.79
Suez	47761659	Greenwaste bin tipping fees March 22	1,494.90
Synergy	693987550Apr22	0U Challenger Beach toilets	123.88
	856518550Apr22	Decorative lighting	2,551.00
	792417950Apr22	Street lighting	111,860.86
GlobalX Information Services Pty Lt	PSI0224534	ASIC company extract for March 2022	28.03
ZircoData Pty Ltd	ZDW0222476	Pick and retrieval of boxes	915.96
Bristol Cleaning Services	0322-C	Banskia Park Clubhouse window cleaning	390.00
ABCO Products	INV787712	Consumables for the Recquatic	660.04

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Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Bunnings Building Supplies	2163/01131024	Internal paint supplies Wellard Pavilion	180.03
	2163/01083636	Lock for playground gate Maldon Park	51.14
	2163/01679281	PVC down pipe and fittings Bertram Oval	143.08
	2163/01517177	Silicon and gun Recquatic	395.70
Ixom Operations Pty Ltd	6505773	Recquatic chlorine gas order	1,056.97
Technology One Limited	209099	Consultancy fees 070322	2,640.00
Sigma Chemicals	156976/01	Pool chemicals for Recquatic	1,128.16
Wilson Security Pty Ltd	W00290118	Callistemon Court security patrols March 22	915.86
Cannon Hygiene Australia Pty Ltd	97297301	Hygiene services 060322 to 050422	1,599.31
Downer EDI Works Pty Ltd	6013036	Asphalt 7mm gran	171.72
Bolinda Publishing Pty Ltd	257872	Library large print books	54.23
PFD Food Services Pty Ltd	LB927878	Items for Cafe Splash at Recquatic Centre	726.50
	LB927879	Items for Cafe Splash at Recquatic Centre	109.70
City of Canning	131960	City of Canning SPLIS consultancy	1,760.00
Signaltech	4024	Banksia Park V22 relocate TV points	385.00
Arbor Logic	00004883	Arbor report Upwey St Wellard	506.00
City of Rockingham	121004	Tipping fees 160322	54,829.48
HECS Fire	81149	Monthly fire panel testing Banksia Park	363.00
Hays Specialist Recruitment Pty Ltd	50758406	Temp staff week ending 200322	2,089.16
	50775329	Temp staff week ending 270322	3,919.77
Eclipse Soils Pty Ltd	KWIN01R044651	Grass and soil tippings Hebron Way upgrading	330.00
Commercial Aquatics Australia	26356	Install new chlorine booster pump to leisure pool	1,237.50
	26377	Spa reticulation pump replaced	330.00
MRP General Pest/Termite Division 4	108319	Pest control at Depot workshop	195.00
Infiniti Group	566805	Consumables for Recquatic	695.59
Winc Australia Pty Ltd	9038400887	Stationery for Bright Futures	110.22
	9038467285	Stationery for Bright Futures	16.39
	9038406298	Disposable gloves for Bright Futures	116.37
Advanced Traffic Management (WA) Pt	00155067	Traffic management Hebron Street 160322	3,060.70
LD Total	118955	Additional maintenance works various areas Mar 22	2,054.14
	118436	Additional maintenance works various areas Mar 22	531.59
	118423	Additional maintenance works various areas Mar 22	774.83
	118422	Additional maintenance works various areas Mar 22	5,125.66
	118424	Additional maintenance works various areas Mar 22	461.65
	118445	Additional maintenance works various areas Mar 22	2,361.28
	118960	Additional maintenance works various areas Mar 22	258.43
	118925	Mulching to Darton Loop	7,425.00
	118957	Mulching to Cordata Ave	14,850.00
	118983	Mulching to Woko Park	3,661.35
	119425	Mulching at Ludlow Park	6,600.00
	118958	Mulching to Needlewood in Honeywood	11,550.00
	118982	Mulching to Thaxted Street Wellard Village	3,781.80
	119353	Ascot Park upgrade	65,363.78
	119052	Landscape maintenance various parks Mar 22	9,682.59
	119038	Landscape maintenance various parks Mar 22	3,999.85
	119034	Landscape maintenance various parks Mar 22	1,169.72
	119040	Landscape maintenance various parks Mar 22	4,842.96
	119046	Landscape maintenance various parks Mar 22	2,908.77
	119054	Landscape maintenance various parks Mar 22	363.52
	119042	Landscape maintenance various parks Mar 22	5,613.27
	119050	Landscape maintenance various parks Mar 22	685.21

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Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
	119044	Landscape maintenance various parks Mar 22	242.73
	119048	Landscape maintenance various parks Mar 22	1,949.52
	119036	Landscape maintenance various parks Mar 22	338.28
	119053	Landscape maintenance various parks Mar 22	34,079.34
	119039	Landscape maintenance various parks Mar 22	9,713.80
	119035	Landscape maintenance various parks Mar 22	5,239.60
	119041	Landscape maintenance various parks Mar 22	16,487.66
	119047	Landscape maintenance various parks Mar 22	9,668.60
	119055	Landscape maintenance various parks Mar 22	2,049.25
	119043	Landscape maintenance various parks Mar 22	12,568.09
	119051	Landscape maintenance various parks Mar 22	2,456.88
	119045	Landscape maintenance various parks Mar 22	850.80
	119049	Landscape maintenance various parks Mar 22	6,580.55
	119037	Landscape maintenance various parks Mar 22	945.34
	119033	Landscape maintenance various parks Mar 22	59.98
Stonehenge Ceramics	F0682	Callistemon Court 14 bathroom and laundry renewal work	3,804.00
Porter Consulting Engineers	00022106	Consultancy for roundabout mods Parmelia Avenue	577.50
Elliotts Irrigation Pty Ltd	B25543	Iron filter servicing for March 22	3,245.00
Complete Office Supplies Pty Ltd	10896043	Items for early literacy kits	102.45
	10897216	Items for early literacy kits	427.68
Website Weed & Pest (WA) Pty Ltd	00005451	Weed control for various City locations	10,298.27
	00005454	Spray treatment Daintree drainage system	76.47
	00005453	Weed control of various culverts in the City	2,288.00
	00005452	Weed control of various locations around City	4,887.36
Name Badge World	R419	Name badges	381.65
Fire & Emergency Services, Dept of	010422	ESL collections March 2022 option A	38,968.57
Kev's Wheelie Kleen	16261	Monthly bin clean for John Wellard	209.00
	16260	Monthly bin clean for William Bertram	220.00
Talis Consultants Pty Ltd	24729	Consultancy services Kwinana RDC to 310122	24,643.30
Accord Security Pty Ltd	00026633	Alarm fee for City's alarmed facilities March 2022	3,623.40
	00026631	Secure cash transit service March 22	685.30
Supersealing Pty Ltd	028279	Crack sealing works of various locations	26,048.00
ALSCO Pty Ltd	CPER2215353	Table linen service	58.63
	CPER2217238	Table linen service	58.63
Plants & Garden Rentals	00017848	Plant hire Darius Wells Resource Centre Apr 22	198.00
Melville Subaru	30832	1 front bumper fog light	470.70
Woolworths Group Limited	117654251	Farewell catering Planning	111.18
	4359423	Consumables for Neighbour Day event	223.14
	118517070	Items for Cafe Splash at Recquatic Centre	201.05
	118750598	City Operations morning tea supplies	55.60
	118271764	Supplies for the Administration building	202.61
Drainflow Services Pty Ltd	00009297	GPT cleaning various March 2022	7,788.00
	00009340	GPT cleaning Wandl 280322	2,244.00
Elexacom	116817	Banksia Park V22 & V29 smoke alarm replacement	636.44
	116909	Emergency evacuation testing Wandl Hall	275.97
	116910	Emergency evacuation testing Wandl Pavilion	157.70
	116911	Emergency evacuation testing Medina Girl Guides	275.97
	116913	Darius Wells Library electrical testing	506.09
	116914	Emergency evacuation testing William Bertram	275.97
	116880	Depot cattery extraction fan system works	3,226.83
	116876	Kwinana Adventure Park pump repairs	114.62
	116877	Darius Wells RCD investigate/repair	432.78

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Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
	116853	Calista Tennis Club RCD testing	68.77
	116852	Kwinana Out of School Care RCD testing	68.77
	116851	Leda Hall RCD testing	22.92
	116846	Kwinana Adventure Park investigate damaged toilet	590.82
	116906	Emergency evacuation testing Wandl Hall	157.70
	116907	Emergency evacuation testing The Shed	157.70
	116905	Emergency evacuation testing Magenup Centre	157.70
Isentia Pty Limited	MN0837696	Media monitoring April 22	1,100.00
Alyka Pty Ltd	INV-31027	Customer support for City of Kwinana website	6,304.38
Shelford Constructions Pty Ltd	9034HON/6	Honeywood Sporting Clubrooms claim 6	281,927.47
Australia Post	1011414050	Postage for period ending 310322	1,303.20
Harmony Software	3-1182	Harmony Web IHC Educator subscription March 22	324.30
	3-1171	Harmony Web Educator subscription March 22	883.60
Advance Scanning Services	20167401	Service locate Mandurah Road	2,351.25
AAA Windscreens & Tinting	INV-55204	Repair stone chip on windscreen KWN2044	88.00
K Mart	307810	Neighbour Day Event activity supplies	499.00
The Smart Security Company P/L	Q15725	Banksia Park quarterly monitoring of medi-minders	5,289.90
Glen Flood Group Pty Ltd	INV-1823	Temp project support week ending 030422	1,815.00
Les Mills Australia	1175753	Les Mills April 2022	1,376.48
McLeods Barrister & Solicitors	123409	Legal matter 48497	3,806.74
Lo-Go Appointments	00425599	Temp staff week ending 260322	1,838.96
Planning Institute of Australia Pty	136489	Training workshop Planet WA/Taking the Community	460.00
	136392	The Purposeful Planner series seminar	590.00
TenderLink	AU-477965	Upload of tender documents TEN 05/22	215.60
Natsales Advertising Pty Ltd	00347553	Litter bin housing advertising to 300622	1,732.50
Charles Service Company	00034778	Cleaning services March 22	3,018.96
	00034577	Cleaner coverage Jan 22	1,367.35
Accidental Health & Safety Perth	9152	Pillow replacement for first aid room	38.35
Mad Dog Promotional Products Pty Lt	INV-3495	KYAC shirts	250.00
EFT TRANSFER: - 08/04/2022			217,533.67
Australian Services Union	PY01-20-Aust Ser	Payroll Deduction	225.48
	PY01-20-Aust Ser	Payroll Deduction	71.70
Australian Taxation Office	PY99-19-Australi	PAYG tax withheld	362.00
	PY01-20-Australi	PAYG tax withheld	195,169.00
Maxxia Pty Ltd	100329020220331	Employee net ITC 01/03/22 to 31/03/22	249.70
	PY01-20-Maxxia P	Payroll Deduction	1,369.73
	PY01-20-Maxxia P	Payroll Deduction	1,987.11
Health Insurance Fund of WA (HIF)	PY01-20-Health I	Payroll Deduction	737.50
City of Kwinana - Xmas fund	PY01-20-TOK Chri	Payroll Deduction	7,260.00
Child Support Agency	PY01-20-Child Su	Payroll Deduction	703.96
Easifleet	156215	Novated lease charges 230322	348.78
	156607	Novated lease charges 010422	8,630.43
LGRCEU	PY01-20-LGRCEU	Payroll Deduction	407.28
	PY01-20-LGRECU	Payroll Deduction	11.00
EFT TRANSFER: - 11/04/2022			272,184.04

Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
SuperChoice	March2022-01	Superannuation-March2022-01	172,936.08
	March2022-03	Superannuation-March2022-03	4,596.60
	March2022-06	Superannuation-March2022-06	1,874.88
	March2022-07	Superannuation-March2022-07	3,199.33
	March2022-12	Superannuation-March2022-12	1,391.28
	March2022-13	Superannuation-March2022-13	348.44
	March2022-14	Superannuation-March2022-14	12,205.67
	March2022-16	Superannuation-March2022-16	72.72
	March2022-17	Superannuation-March2022-17	28,365.92
	March2022-18	Superannuation-March2022-18	3,031.14
	March2022-20	Superannuation-March2022-20	1,094.32
	March2022-21	Superannuation-March2022-21	4,150.18
	March2022-22	Superannuation-March2022-22	259.58
	March2022-24	Superannuation-March2022-24	194.88
	March2022-28	Superannuation-March2022-28	211.87
	March2022-29	Superannuation-March2022-29	1,094.32
	March2022-30	Superannuation-March2022-30	1,637.98
	March2022-32	Superannuation-March2022-32	3,820.73
	March2022-37	Superannuation-March2022-37	269.65
	March2022-43	Superannuation-March2022-43	1,316.39
	March2022-48	Superannuation-March2022-48	792.80
	March2022-49	Superannuation-March2022-49	197.14
	March2022-50	Superannuation-March2022-50	2,161.19
	March2022-53	Superannuation-March2022-53	1,173.32
	March2022-55	Superannuation-March2022-55	2,664.11
	March2022-56	Superannuation-March2022-56	1,041.48
	March2022-58	Superannuation-March2022-58	75.02
	March2022-59	Superannuation-March2022-59	1,394.40
	March2022-60	Superannuation-March2022-60	939.40
	March2022-61	Superannuation-March2022-61	693.92
	March2022-63	Superannuation-March2022-63	743.20
	March2022-66	Superannuation-March2022-66	621.68
	March2022-70	Superannuation-March2022-70	811.92
	March2022-72	Superannuation-March2022-72	871.00
	March2022-73	Superannuation-March2022-73	1,130.29
	March2022-75	Superannuation-March2022-75	391.80
	March2022-79	Superannuation-March2022-79	983.46
	March2022-83	Superannuation-March2022-83	1,698.44
	March2022-84	Superannuation-March2022-84	145.02
	March2022-89	Superannuation-March2022-89	1,857.33
	March2022-90	Superannuation-March2022-90	1,397.91
	March2022-92	Superannuation-March2022-92	1,661.67
	March2022-94	Superannuation-March2022-94	2,913.47
	March2022-95	Superannuation-March2022-95	290.54
	March2022-96	Superannuation-March2022-96	1,173.34
	March2022-97	Superannuation-March2022-97	951.34
	March2022-99	Superannuation-March2022-99	250.17
	March2022B-01	Superannuation-March2022B-01	991.31
	March2022B-95	Superannuation-March2022B-95	95.41
EFT TRANSFER: - 13/04/2022			45,672.42
Bright Futures Family Day Care - Pa	040422 to 100422	FDC Payroll 040422 to 100422	33,734.06
Bright Futures In Home Care - Payro	040422 to 100422	IHC Payroll 040422 to 100422	11,938.36
EFT TRANSFER: - 14/04/2022			400,727.23

Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Beards Security Doors and Awnings	110422	Callistemon Court U14 supply and install shower door	1,095.00
Paint Industries	64193	Paint for various public toilets	265.76
Retech Rubber	00003651	Bullrush Park softfall repairs	357.50
Strategic DCP Consulting	039	DCP consulting services for DCA's	3,135.00
Port Printing Works	INV077468	2022 Love My Kwinana Photo Competition DL flyers	167.75
	INV077414	Staff business cards	47.85
Outback Handyman	3604	Banksia Park and Callistemon Court caretaker duties	308.00
	3607	Banksia Park and Callistemon Court caretaker duties	770.00
Leaf Bean Machine Pty Ltd	00103050	Items for Cafe Splash at Recquatic Centre	133.37
Turf Care WA Pty Ltd	INV-4752	Treatment of ants at Prince Regent park	405.90
	INV-4753	Treatment for spider mite at McWhirter oval	992.66
Flex Fitness Equipment	157750	25x yoga mat for functional training room	630.00
Bliss Momos Cafe & Restaurant Pty L	1008	The Zone Cafe Skills Program/barista training	644.00
Kissane & Co	INV-200597	Service of means inquiry summons	677.60
Mackie Plumbing and Gas Pty Ltd	I102388	Wells Park toilets leak repairs	193.43
	I102465	Banksia Park V14 repair to shower hose	144.25
Moore Australia (WA) Pty Ltd	2724	2022 WALGA Tax Workshop FBT	440.00
Australian HVAC Services Pty Ltd	65846	Administration air con condenser fan replacement	1,541.83
Royal Life Saving Society	164291	Yearly pool barrier inspections x 4	880.00
Western Australian Land Authority	11.9	Rates Refund	3,034.79
Satellite Security Services	IV013931	Koorliny Community Arts Centre investigate alarm	110.00
Palm Lakes Garden and Landscape Ser	3063	Banksia Park reticulation repairs at Clubhouse	110.00
Sifting Sands	INV-0642	Maintenance clean of various playground pits Feb 22	8,756.30
	INV-0629	Sand cleaning service and top up at Hunt Place	3,980.94
High Tea With Harriet	150322	Local Commercial Support Grant Funding	1,100.00
Asbestos Masters WA	0129	Removal of asbestos from bushland	1,210.00
Woolworths Group Open Pay	TXN581912	Community Planning Workshop afternoon tea	219.68
	TXN615755	Items for Community Centres team	99.30
	TXN460368	Items required for Creche	122.50
	TXN612898	Milk for Library	2.60
Avantgarde Technologies Pty Ltd	00002314	Cables for network redesign	1,338.48
ETS Infrastructure Management Pty L	156070	Fire hazard removal fee	756.49
Carpet Court Rockingham	16208	Stair nosings for Burkett Terrace	630.00
SCFTH Investments Pty Ltd	INV-0027	Temp staff week ending 280122	6,600.00
Chemist Warehouse	9030216595547603	Snake bite bands and Aeroguard	314.46
Galaxy 42 Pty Ltd	FTIG42002060	Consulting for HRP TechOne implementation	25,410.00
	FTIG42002054	Consulting for HRP TechOne implementation	19,965.00
	FTIG42002056	Consulting for HRP TechOne implementation	7,260.00
	FTIG42002062	Consulting for HRP TechOne implementation	4,537.50
	FTIG42002058	Consulting for HRP TechOne implementation	1,815.00
	FTIG42002057	Consulting for HRP TechOne implementation	14,520.00
Mills Oakley	507102	Legal matter SJMP8108637	3,702.60
Bertram Party Hire	INV300	Red carpet hire and clean Honeywood primary	110.00
Tara Louise Curtain	12	Debt recovery services to 080422	780.00
POS System Australasia Pty Ltd	20799	Top cash drawer	429.00
Sportsworld Of WA	141142	Goggles and ProShop items for Recquatic	558.25
McMurdo Ventures Co Pty Ltd	000191	Paper colour prints for Bertram Place Plan	315.50

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Payee	Invoice	Description	Amount
Robert Walters Pty Ltd	1965663	Temp staff week ending 030422	5,291.44
St John Ambulance Australia (WA) In	FAINV00971890	First aid training 010422	128.00
Bremmar IT & Consulting	63163	SonicWall hardware licensing	24,054.32
Advanced Patios	BP2021/226	Refund of fee due to online portal issue	6.35
Jack Michael Banister	07April2022	Reimbursement of food samples for testing	34.30
Claire Fox	02April2022	Compost bin rebate	60.00
Michelle Louise May Winship	24806	Crossover Subsidy Rebate	325.00
Craig Aaron Rowe	24785	Crossover Subsidy Rebate	500.00
Kenneth Mathew Thorpe	23499	Crossover Subsidy Rebate	300.00
Jesse Laurence Sullivan	04April2022	Achievement Grant for 21/22	175.00
Telstra	1355246271Mar22	Mobile devices whole organisation Mar 22	14,371.29
	9385375010Apr22	Internet and data to 240422	2,491.62
Truck & Car Panel & Paint	00005043	Insurance excess for claim #MO054869	500.00
Absolute Painting Services	INV-2500	Banksia Park 9-19 re-paint picket fence	6,270.00
	INV-2501	Banksia Park re-paint picket fence	6,270.00
	INV-2512	Banksia Park V45 -V48 repaint external surfaces	8,800.00
Beaver Tree Services Aust Pty Ltd	81789	Tree watering w/e 010422	1,501.32
	81785	Tree watering w/e 010422	180.29
	81787	Tree planting and watering	39.60
	81774	Tree pruning Thomas Road	8,745.00
	81740	Tree pruning Lambeth Circle	223.21
	81741	Pruning of overhang Wellard Road road edge	7,161.18
	81786	Removal of tree and debris Thomas Road	2,448.49
	81783	Pruning required along Lee Road	2,380.15
	81782	Tree relocation from Corsham Retreat	649.00
	81742	Tree relocation at Rockport Ridge Wellard	409.20
	81743	Removal of fallen trees and debris Thomas Road	1,178.67
	81718	BMX track remove declined tree and tree limb	1,904.11
	81385	Tree watering w/e 250222	1,501.32
	81282	Tree watering w/e 110222	1,357.09
Synergy	294428370Apr22	624U Mornington Park	294.94
	259587970Apr22	2698U Honeywood Ave retic	900.55
	258360080Apr22	7111U Kwinana Adventure Park	2,047.94
	365800960Apr22	7578U Honeywood bore	2,326.09
Prestige Catering & Event Hire	INV-3943	Catering 070422	510.00
	INV-3942	Catering 070422	879.00
Bunnings Building Supplies	2163/00138006	Purchase of cleaning items for Animal Facility	262.65
	2163/99869957	Master lock 51mm hackle combination padlock & tape	43.43
	2163/01681902	10L Ultradeck for Sloans Cottage	1,198.25
The Workwear Group Pty Ltd	13880715	Staff uniforms	99.88
	13880687	Staff uniforms	49.95
Neverfail Springwater	INV-000507871	Monthly water replenishment Depot	17.70
Modern Teaching Aids Pty Ltd	44721335	Various physical activity products for Library	48.35
	44714968	Various physical activity products for Library	642.18
	44716880	Various physical activity products for Library	60.23
	44732013	Various physical activity products for Library	26.29
	44712961	Various physical activity products for Library	112.04
Natural Area Consulting Management	00017294	Maintenance works at Peel sub drain	3,135.00
Toyota Fleet Management	979719	Lease vehicle 1HFE114	635.24
Freestyle Now	2165	Scooter coaching	385.00
PFD Food Services Pty Ltd	LB997575	Recquatic Cafe Splash stock	281.80

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Marketforce Pty Ltd	42997	Public notice Sound Telegraph 020322	425.13
	42996	Advertising 090322 & 230322	2,072.43
Signaltech	4030	Callistemon Court U67-76 repair TV issues	594.00
Play Maker Sports	1947	Animal Facility re-finishing of flooring	5,087.50
AAA Blinds Port Kennedy	8174	Banksia Park V22 replace blinds	1,440.00
CJD Equipment Pty Ltd	006408865	First warranty 500hr service L60F	902.51
Hays Specialist Recruitment Pty Ltd	50791760	Temp staff week ending 030422	3,835.99
	50775330	Temp staff week ending 270322	2,089.16
Digitales	INV-000481	Annual subscription to Mango Languages online	3,135.00
Advanced Traffic Management (WA) Pt	00155441	Traffic management Beacham Crescent	890.11
	00155440	Traffic management Beacham Crescent	1,022.01
	00155436	Traffic management various sites	2,581.17
Data #3 Limited	SIN000003118	Wireless keyboard/mouse combos	714.95
BGC (Australia) Pty Ltd	IO567776	1.8M3 concrete for Colchester Avenue Orelia	550.00
Complete Office Supplies Pty Ltd	10919178	Stationery Darius Wells April 2022	248.89
	10940016	Stationery Depot April 2022	40.08
Department of Transport	8021016	Vehicle registration checks 2021 - 2022	113.80
Landgate	1176792	Landgate title search fees March 22	108.80
West Oz Wildlife	2971	West Oz Wildlife experience	456.50
Master Lock Service	8685	Banksia Park V3 lock repair	125.00
Garage Sale Trail Foundation Ltd	00001109	Garage Sale Trail membership fee 2022	5,421.90
ALSCO Pty Ltd	110422	Linen hire	58.63
Woolworths Group Limited	119160713	Recquatic Cafe Splash food and supplies	187.10
	119027012	Easter chocolates for staff	110.02
	118485562	Zenzone air freshener	100.00
	117965796	Easter chocolates for staff	157.20
Elexacom	116966	Callistemon Court U73 repair to faulty power point	257.93
	116978	Banksia Park 11 replace a GPO in living room	181.28
	116927	Rhodes Park preventative maintenance	282.57
	116929	Koorliny Arts Centre outside lighting repairs	2,402.82
	116644	Banksia Park V8 repair to ceiling fan	157.70
Total Green Recycling	INV11587	E waste recycling	2,230.27
Gregs Glass	13463	Callistemon Court U31 replace rollers on sliding door	250.00
Christine Dianne Frost	16082021	Achievement Grants	175.00
Heatley Sales Pty Ltd	C1028490	Uniform for City Operations Team	165.43
Quantum Building Services	00004608	Medina Hall repairs to entry swing doors	902.00
Exit Waste	4491	Recquatic/Fiona Harris grease trap annual cleans	704.00
Blackwood & Sons Ltd	KW8775DI	Uniforms for City Operations	85.69
Frontline Fire and Rescue Equipment	74178	Bail mount external speaker	501.75
Starbucks Flooring	INV-000920	Banksia Park V22 replace flooring	5,843.00
Total Tools Rockingham	195632AA	Reciprocating saw blades and 2 x concrete edgers	100.00
Glen Flood Group Pty Ltd	INV-1853	Temp project support week ending 030422	6,717.70
Fire And Safety Australia Pty Ltd	TX002847	Fire extinguisher training x 3 sessions	2,145.00
Envirosweep	96675	Footpath sweeping around City for Mar 22	3,860.17
	96674	Road sweeping of Leda for Mar 22	549.65
	96673	Road sweeping by individual roads for Mar 22	4,331.09
	96672	Car park sweeping for Mar 22	2,645.17

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Kwinana Heritage Group	2/2022	Management fees to March 2022 Smirks Cottage	7,500.00
Purearth	INV-2069	Collection and disposal of road sweepings March 22	5,362.35
Landscape and Maintenance Solutions	INV-2705	Passive mowing of various areas March 2022	3,518.93
	INV-2706	Sportsground mowing March 2022	20,020.29
	INV-2703	Streetscape mowing March 2022	7,602.42
	INV-2704	Mowing maintenance various areas March 2022	2,000.35
Vocus Communications	P846216	Monthly internet services Apr 22	1,287.00
McLeods Barrister & Solicitors	123740	Legal matter 49087	240.51
	123753	Legal matter 48959	614.71
	123741	Legal matter 49088	389.01
	123752	Legal matter 44400	1,245.83
Kearns Garden Supplies	76March22	Hardware for City Operations	180.06
Lo-Go Appointments	00425629	Temp staff week ending 020422	1,798.39
	00425630	Temp staff week ending 020422	1,825.44
Charles Service Company	00034864	Cleaning services March 22	46,355.09
EFT TRANSFER: - 14/04/2022			673.49
SuperChoice	March2022C	Superannuation-March2022C	673.49
EFT TRANSFER: - 20/04/2022			42,652.46
Bright Futures Family Day Care - Pa	110422 to 170422	FDC Payroll 110422 to 170422	31,652.94
Bright Futures In Home Care - Payro	110422 to 170422	IHC Payroll 110422 to 170422	10,999.52
EFT TRANSFER: - 21/04/2022			294,107.06

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Shred-X Pty Ltd	01784425	Exchange and destroy secure document bins March 22	62.63
Apple Pty Ltd	AH39505674	IPad wi-fi x 2 for Recquatic	998.01
Perlex Holdings	c10161	Hire of popcorn and fairy floss machines for event	500.00
McGees Property	29889	Valuation fees Developer Contribution areas 1-7	6,050.00
Port Printing Works	INV076203	Staff business cards	41.25
Outback Handyman	3621	Banksia Park V19 repair to gutter leak	110.00
Kleenheat	5214917	Gas charges various locations April 2022	10,768.95
	5209080	Gas charges various locations April 2022	1,047.95
Sonic Health Plus	2602145	Pre-employment medical assessment 070422	386.10
Turf Care WA Pty Ltd	INV-4722	Biagra application at various ovals	51,395.76
	INV-4721	Pre emergent application Orelia and Gilmore Ovals	1,919.44
Holcim (Australia) Pty Ltd	9408045046	N25 concrete to Abingdon Crescent	367.40
Building Lines	INV-2203005	Building permit assessments various suburbs	627.00
	INV-2204010	Building permit assessments various suburbs	627.00
Biffa Mini Bins	INV-0750	Banksia Park V22 deliver skip bin	260.00
Ridleys Towing & Transport	31	Bus driver for HR tour Jan 22	45.00
	29	Bus driver for HR tour Dec 21	75.00
	30	Bus driver for HR tour Feb 22	75.00
	33	Bus cleaning 140322	30.00
	32	Bus cleaning 120222 and 210222	60.00
Shack Motors Pty Ltd	48823	Windscreen washer motor	31.85
Burson Automotive Pty Ltd	121766589	Service filter kit KWN2147	88.56
	121766773	Service filter kit KWN1934	78.66
	121740670	Service filter kit KWN2159	88.56
	121741596	Service filter kit 1HBL570	91.31
	121741867	Service filter kit KWN2058	184.53
	121740904	Service filter kit KWN1933	78.66
	121766895	Service filter kit KWN2150	88.56
	121742238	Service filter kit KWN2148	73.98
	121743274	Service filter kit 1HAR956	58.53
	121743367	Service filter kit 16PL242	132.29
	121743852	Service filter kit KWN2050	82.51
	121744771	Service filter kit KWN2112	82.51
	121744783	Service filter kit 1GWO590	58.53
	121767067	Service filter kit KWN2151	88.56
	121775906	Service filter kit 1GWY489	174.08
	121767257	Service filter kit KWN2161	109.46
	121744788	Service filter kit KWN2003	146.31
	121756984	Service filter kit KWN1941	105.33
	121757309	Service filter kit KWN2109	132.29
	121757505	Service filter kit 1GPL248	58.53
	121757863	Service filter kit 1GQE726	87.45
	121758752	Service filter kit KWN2091	89.11
	121758031	Service filter kit 1GPL202	72.88
	121758172	Service filter kit KWN2052	82.51
	121758317	Service filter kit KWN2007	157.30
	121758448	Service filter kit 1HDX978	91.31
	121758592	Service filter kit KWN2111	82.51
	121760143	Workshop consumables	622.33
Mackie Plumbing and Gas Pty Ltd	I102486	Callistemon Court U3 investigate and unblock toilet	148.58
	I102484	Banksia Park V3 replace leaking kitchen outlet	138.28
CPR Building & Approval Services	IV1955	Building permit assessments	1,900.00

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Palm Lakes Garden and Landscape Ser	3070	Callistemon Court U17 repair to broken Hunter on lawn	110.00
Sifting Sands	INV-0628	20m pine bark Moonstone Park	2,906.86
Jax Tyres Kwinana	17531	4 new tyres fitted	1,120.00
Woolworths Group Open Pay	TXN607928	Items for Music Showcase	118.55
	TXN613044	Items for the Zone	49.40
	TXN301428	Basketball presentation refreshments	39.60
	TXN601426	YAC meeting refreshments	29.95
	TXN629642	Items for the Zone	10.40
	TXN608617	Stationery items for Environmental Management	30.00
	TXN624102	Items for Creche at Recquatic Centre	182.40
	TXN607775	Items for Bright Futures	67.20
	TXN630739	Items for Library	5.25
	TXN617604	Items for Library	16.74
ETS Infrastructure Management Pty L	156082	Bush fire fuel management works at various sites	4,940.10
MDM Entertainment T/As MDM Print	110729	DVD's for Library	11.59
	110050	DVD's for Library	134.76
Active Education WA	000004CoK	Grow your own herb garden course	600.00
The Coffee Machine Doctor	6138	Coffee machine service for the Zone	236.80
Robert Walters Pty Ltd	1967641	Temp staff week ending 100422	5,159.15
Rockingham Hyundai & Suzuki	39419	Motor assembly blower	785.77
Frucious	COW001	Fruit for Administration Building	8.50
MSA Group Pty Ltd	Cheesecake Shop	Refund duplicated building application fee	988.74
TLF Market Pty Ltd as trustees for	1705100	Refund bond for markets at Honeywood	200.00
Ree Set Pty Ltd	Journal 12.1	Rates Refund	1,319.42
Sunny Sign Company Pty Ltd	476605	Street signs	148.50
Telstra	1729530900Apr22	ICT Cloud disaster recovery services April 2022	1,070.05
	0335568200Apr22	Banksia Park Clubhouse charges to 090422	14.30
Toolmart Australia Pty Ltd	RH-173190	Cargo lifting net	1,032.00
Truck & Car Panel & Paint	00005045	Insurance excess for 1GWY489	500.00
	00005044	Insurance excess for KWN2108	500.00
Waste Stream Management Pty Ltd	00431358	Tipping fees 050422	132.00
Water Corporation of Western Austra	9014051352Apr22	32U Bertram Community Centre	662.35
	9022594998Apr22	14U Drink fountain Honeywood Oval	37.04
Westbooks	328188	Junior Library books	160.50
	328184	Junior Library books	10.32
	328185	Replacement books for lost or damaged stock	20.52
	328186	Large sized picture books for Library	66.58
	328189	Junior Library books	22.18
	328187	Adult Library books	19.97
	328191	Adult Library books	17.01
	328190	Replacement books for lost or damaged stock	29.59
Kyocera Document Solutions Australi	90432871	Copy costs Community Centre March 22	26.91
	90432872	Copy costs Incubator March 22	75.93
	90432873	Copy costs Admin Planning March 22	188.91
	90432874	Copy costs Library staff March 22	162.05
	90432875	Copy costs Zone staff March 22	46.54
	90432876	Copy costs Admin Finance March 22	158.98
	90432877	Copy costs Admin Governance March 22	64.70
	90432878	Copy costs Family Day Care March 22	48.00
	90432879	Copy costs Recquatic Centre March 22	178.32
	90432880	Copy costs Depot Admin March 22	40.68

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
	90432881	Copy costs Library public March 22	51.49
	90432882	Copy costs John Wellard Centre public March 22	30.13
	90432883	Copy costs Admin CSO March 22	55.80
	90432884	Copy costs Records March 22	142.76
	90432885	Copy costs William Bertram March 22	125.82
	90432886	Copy costs Banksia Park March 22	43.65
	90432887	Copy costs Darius Wells reception March 22	12.64
	90432888	Copy costs William Bertram staff March 22	12.34
	90432889	Copy costs John Wellard staff March 22	20.60
	90432890	Copy costs Darius Wells Volunteer March 22	90.79
	90432891	Copy costs Recquatic front counter March 22	12.50
	90432892	Copy costs Darius Wells Creche March 22	17.23
Absolute Painting Services	INV-2518	Banksia Park V22 internal paint	3,707.00
Beaver Tree Services Aust Pty Ltd	81381	Tree watering of the Wedge	180.29
	81862	Beehive treatment dry reserve	449.83
	81812	Tree removals Honeywood	8,117.54
	81819	Tree pruning Mortimer Road and The Strand	2,138.43
	81805	Vegetation clearance Anketell Rd	1,469.09
Synergy	830669340Apr22	9U Wandii fire pump	120.88
	294827290Apr22	13U Art sculpture Darling Park	122.05
	290833680APR22	43U Honeywood Park BBQ/lights	130.81
	264244690Apr22	2224U Gecko Park bore	767.86
	214467920Apr22	68U BBQ/4Uplights Honeywood Park/Bruny Meander	138.12
	201813230Apr22	3178U Mandogalup Station/reserve bore	1,042.75
	198511040Apr22	2164U Bore/BBQ/Lights Bruny Meander	750.33
	657514270Apr22	0U Wandii Oval	114.50
Prestige Catering & Event Hire	INV-4001	Catering 130422	411.00
Bunnings Building Supplies	2442/01915105	Banksia Park purchase of items for gardens	368.49
	2707/01589035	Banksia Park hardware	140.60
	2163/01098004	Box of hex screws 1410 x 65mm	64.32
Ixom Operations Pty Ltd	6509828	Recquatic chlorine gas order	132.31
	6512687	Recquatic chlorine gas order	1,056.97
Technology One Limited	208134	Data migration 150222	2,199.65
Modern Teaching Aids Pty Ltd	44588037	Storage trolley with baskets	899.09
Connect CCS	00110497	After hours monitoring over calls March 22	1,414.99
Bolinda Publishing Pty Ltd	259149	Large print books for Library	424.03
AAA Blinds Port Kennedy	8163	Callistemon Court V38 & 39 repair to broken carriers	178.00
KLMedia Pty Ltd	1153880	Video games for Library	80.95
	1153879	DVD's and video games as requested	29.26
	1153878	DVD's and video games as requested	519.50
	1153878	DVD's and video games as requested	51.95
Foreshore Rehabilitation & Fencing	INV-5073	Stormwater sump repairs Isaac Way	459.38
Commercial Aquatics Australia	26447	Bi monthly service to Recquatic pools plantrooms	220.00
	26446	PH probe calibration for Recquatic pools	165.00
Schweppes Australia Pty Ltd	0811023049	Items for Cafe Splash at Recquatic Centre	1,053.73
Winc Australia Pty Ltd	9038986635	Stationery for Administration	474.17
	9038970877	Stationery for Library	248.49
Advanced Traffic Management (WA) Pt	00155069	Traffic management Tanson Rd	10,626.01
	00154871	Traffic management Orton Rd	427.81
	00155068	Traffic management Orton Rd	616.40
	00154548	Traffic management Donaldson Rd	9,527.77

Payment Listing



Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
LD Total	118984	Mulching and planting Willandra POS	7,057.88
	119424	Mulching Millbrook POS	8,250.00
AC Cooling Services	10514	Banksia Park V62 repair airconditioner unit	385.00
	10519	Banksia Park V11 service a split system	143.00
Stonehenge Ceramics	F1182	Banksia Park V11 re-tile flooring	2,169.00
Complete Office Supplies Pty Ltd	10956304	Stationery for Library	134.97
Dalwallinu Concrete	316239	Supply and delivery of concrete traffic barriers	3,630.00
Domino's Pizza - Kwinana Market Pla	98276-14/04/2022	Pizza for Zone Youth party	98.80
	98276-10/04/2022	Pizza for Music showcase	37.24
Department of Planning -DAP	DAP/22/02212	DA10297 Orton Rd	10,670.00
Centrecare	SI-0001658	EAP annual registration and management fee	2,062.50
Master Lock Service	8704	Banksia Park V11 recut missing keys	158.00
Accord Security Pty Ltd	00026640	Security services for Darius Wells Library	712.25
ALSCO Pty Ltd	CPER2222075	Linen hire	59.19
Woolworths Group Limited	119087602	Items for Administration building	103.90
	119803403	Items for Administration building	101.00
	119672139	Items for Cafe Splash at Recquatic Centre	127.15
	119680977	Items for City Operations	82.10
Drainflow Services Pty Ltd	00009156	GPT cleaning various April 22	1,584.00
Elexacom	116990	Nilfisk power cord	40.15
	116987	Kwinana street lighting	45.85
Green Skills Inc / Ecojobs	P2962	Temp staff week ending 180322	1,854.39
	P2963	Temp staff week ending 250322	3,708.79
Volleyball WA	INV-20876	Introductory coaching course	150.00
Heatley Sales Pty Ltd	C1035558	Uniforms for City Operations	49.81
	C1033596	Uniforms for City Operations	293.62
	C1036355	Uniforms for City Operations	160.69
	C1036378	Uniforms for City Operations	201.64
HP Financial Services Pty Ltd	100001408907	Monthly payment contract 5389066248AUS3 June 22	588.85
	100001408906	Monthly payment contract 5389066248AUS2 May 22	15,482.62
Redox Pty Ltd	5561311	1 x pallet of DE	1,663.20
Flex Industries Pty Ltd	1031648	Various air filters	507.32
Jason Signmakers	227856	Provision of Dogs on Leash in Conservation Reserve	689.96
Kwinana Veterinary Hospital Pty Ltd	181474	Animal services	120.00
	180316	Animal services	65.00
	181608	Animal services	65.00
	179910	Animal services	120.00
	179625	Animal services	288.60
	180317	Animal services	120.00
GreenLite Electrical Contractors Pt	1773	Inspect pressure transducer	126.18
Ecospill Pty Ltd	INV00785531E	Service and replenish spill kits	98.55
Stephen Peacock	2122080	Youth week community mural	1,508.02
Zone Bowling	40A	Excursion to Zone Bowling for the Zone	237.40
Landscape and Maintenance Solutions	INV-2707	Additional mowing at Orelia Oval Mar 22	915.32
McLeods Barrister & Solicitors	123909	Legal Matter 49153	1,000.00
Department of Mines, Industry	14April22	Building Services Levy Feb 22	19,225.24
	13April22	Building Services Levy March 22	40,323.83
Lo-Go Appointments	00425696	Temp staff week ending 160422	1,825.44
	00425665	Temp staff week ending 090422	1,825.44

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
	00425664	Temp staff week ending 090422	2,285.17
	00425695	Temp staff week ending 160422	1,379.22
Major Motors	1188692	1 new rim	557.06
Mandogalup Volunteer Fire Brigade	07April22	DFES ESL recoup January to March 2022	1,553.06
Accidental Health & Safety Perth	9337	Viraclean for Animal Management	216.70
Daytone Printing Pty Ltd	57383	Waster flyer for bin upgrade	136.40
EFT TRANSFER: - 21/04/2022			220,293.14
Australian Services Union	PY01-21-Aust Ser	Payroll Deduction	225.48
	PY01-21-Aust Ser	Payroll Deduction	71.70
Australian Taxation Office	PY99-20-Australi	Payroll Deduction	538.00
	PY01-21-Australi	Payroll Deduction	207,011.00
Maxxia Pty Ltd	PY01-21-Maxxia P	Payroll Deduction	1,369.73
	PY01-21-Maxxia P	Payroll Deduction	1,987.11
Health Insurance Fund of WA (HIF)	PY01-21-Health I	Payroll Deduction	765.95
City of Kwinana - Xmas fund	PY01-21-TOK Chri	Payroll Deduction	7,230.00
Child Support Agency	PY01-21-Child Su	Payroll Deduction	654.45
LGRCEU	PY01-21-LGRCEU	Payroll Deduction	428.72
	PY01-21-LGREC U	Payroll Deduction	11.00
EFT TRANSFER: - 27/04/2022			45,350.97
Bright Futures Family Day Care - Pa	180422 to 240422	FDC Payroll 180422 to 240422	34,009.96
Bright Futures In Home Care - Payro	180422 to 240422	IHC Payroll 180422 to 240422	11,341.01
EFT TRANSFER: - 27/04/2022			864,519.30

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Summers Consulting	INV-1101	Mosquito monitoring 140422	440.00
	INV-1100	Mosquito monitoring 140422	1,336.50
Ivy Penny	150322	Reimbursement for workshop catering	77.50
McGees Property	30053	Market rental valuations	2,750.00
Chorus Australia Ltd	SINV0005854	Mowing services at Bright Futures Mar 22	266.81
Outback Handyman	3627	Banksia Park & Callistemon Court caretaker duties	426.80
Leaf Bean Machine Pty Ltd	00103244	Items for Cafe Splash at Recquatic Centre	161.46
Sonic Health Plus	2606692	Pre-employment medical assessment 130422	325.60
	2607578	Pre-employment medical assessment 190422	198.00
	2610154	Pre-employment medical assessment 200422	325.60
AAA Asphalt Surfaces	00006846	Pallet of cold mix delivered to Depot	2,585.00
Red Sand Supplies Pty Ltd	00014230	Concrete tipping Hefron Way	1,434.40
Marindust Sales	22389	AFL ground tubes	4,455.00
Mackie Plumbing and Gas Pty Ltd	I101954	Banksia service of sewerage pump	880.00
	I101946	Thomas Oval Pavilion installation of new cistern	1,232.00
	I102427	Wandi Pavilion alarm in treatment room	148.87
	I102448	Challenger Beach maintenance to septic	93.05
	I102464	Depot male toilet in the workshop is leaking	180.33
	I102470	Smirks Cottage hot water system leaking	74.44
	I102473	Wells Park ladies toilet continually running	606.82
	I102483	Casuarina Hall water tank may be leaking	279.13
	I102487	Administration staff kitchen taps are leaking	152.80
	I102488	Sloan Reserve public toilets urinal flush button	74.44
	I102489	Wellard Pavilion no hot water in showers	167.49
	I102490	Thomas Oval public toilet urinal not flushing	111.66
	I102511	Recquatic urinal leaking downstairs	454.79
	I102283	Kwinana Adventure Park sewerage pump not working	93.05
	I102527	Banksia Park V63 investigate water hammer at toilet	295.25
Moore Australia (WA) Pty Ltd	2753	2022 Financial Reporting Workshop	1,980.00
Australian HVAC Services Pty Ltd	65875	Cleaning of plant rooms Darius Wells Feb 22	962.81
Royal Life Saving Society	141019	First aid training online	109.00
Satellite Security Services	IV013940	Koorliny Community Arts Centre alarm offline	895.49
	IV014044	Business Incubator replace door handles and lock	1,646.50
	IV014030	Darius Wells locking doors over Easter	55.00
Seek Limited	98344621	Advertising on Seek	5,500.00
Dell Financial Services Pty Ltd	5400086327	Quarterly payment for Dell hardware fleet	31,638.56
Palm Lakes Garden and Landscape Ser	3072	Callistemon Court U25 irrigation	143.00
Plus Fitness Bertram	20April2022	Local commercial support grant funding	347.30
Woolworths Group Open Pay	TXN595404	Items for Boola Maara meeting	40.75
	TXN617199	Items for Medina Place Plan	149.00
	TXN636961	Food and Supplies for Moorditj Kulungars and Bright Futures	88.03
	TXN629758	Food and Supplies for Bright Futures	30.50
StepChange Consultants Pty Ltd	SC0012825	Temp staff week ending 170422	12,416.25
	SC0012826	Temp staff week ending 170422	8,756.00
Eco Action Pty Ltd	INV0141	Nature life drawing school holiday program	350.00
Auto Pro-Dent	1074	Repair dent damage to vehicle KWN2129	275.00
AK Food Services WA Pty Ltd	0389	Coffees for Home Based Business meet up	22.50
Galaxy 42 Pty Ltd	FTIG42002061	Consulting for HRP TechOne implementation	21,780.00
	FTIG42002055	Consulting for HRP TechOne implementation	907.50
Stephen Derek Jones	22April2022	Reimbursement of fuel costs	127.24

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Payee	Invoice	Description	Amount
Veale Corporation Pty Ltd	17816674	Vehicle starter for battery	424.40
Active Education WA	000005CoK	Make Your Own Cleaning Products	750.00
New Kush Grocery	150422	Local Commercial Support Grant Funding	370.20
Tara Louise Curtain	13	Debt recovery services to 220422	780.00
Jordan Ent Pty Ltd	2458	Roof restoration Thomas Oval Pavilion	7,689.00
Felicity Jayne Townsend	20April2022	School holiday craft supplies	46.08
	20April22	Grout for mosaics program	25.79
Pascal Bailey	19April2022	Reimbursement for parking ticket	23.22
Drake Australia Pty Ltd	355072	Temp staff week ending 100422	5,872.60
Allways Property Maintenance	INV-0483	Banksia Park V22 kitchen renewal	3,795.00
Susan Frankling	Journal 12.4	Rates Refund	49.27
Lee Harvey Isaacs	Journal 12.9	Rates Refund	2,000.00
Westcott Conveyancing	13.2	Rates Refund	1,728.30
Bertram Barbershop	14April2022	Local commercial support grant funding	370.20
The Good Guys	D0921700905	Microwave oven for Medina Hall	209.00
T-Quip	109789#11	2 PTO switches and 5 oil filters	242.30
Rubek Automatic Doors	00028941	1 x RUBEK automatic door Senior Citizens	9,537.00
Western Australian Treasury Corpora	Loan#94-040522	Loan #94 due 040522 capital and interest	29,412.89
Construction Training Fund	INV-137100-L1L8S	CTF levy for February 22	9,998.06
Absolute Painting Services	INV-2533	Banksia Park V22 touch up paint on eaves	88.00
	INV-2534	Banksia Park 11 touch up paint on front eaves	286.00
Maia Financial Pty Ltd	C36711	Quarterly leasing for period 010622 to 310822	31,587.97
Beaver Tree Services Aust Pty Ltd	81890	Tree watering 080422	39.60
	81891	Tree watering of the Wedge	180.29
	81892	Tree watering 080422	1,501.32
	81877	Tree watering 150422	39.60
	81876	Tree watering of the Wedge	180.29
	81886	Tree watering w/e 150422	4,289.81
	81879	Root barrier Yateley Way	797.17
	81537	Tree removal Dalrymple Drive	2,233.17
	81878	Stump grinding various sites	1,503.27
Suez	47294843	Mixed waste collection Feb 22	181,346.19
	47325259	General waste dry collection Feb 22	1,548.44
	166067	Waste and recycling services Feb 22	135,790.72
Synergy	144372270Apr22	5267U Thomas Oval Retic	772.16
	295922660Apr22	654U Willandra Park	305.53
BOC Limited	4029913564	Being reversal of credit taken up twice in error	160.25
ZircoData Pty Ltd	ZDW0218756	Offsite storage pick up and retrieval to 250222	1,004.67
ABCO Products	INV791442	Puregiene luxury foam soap for Recquatic	262.80
	INV790979	Cleaning supplies for various facilities	1,930.83
Bunnings Building Supplies	2163/01680511	Spider bomb sprays for Bertram Oval club facility	19.53
	2402/00996011	Grout and items for mosaics class	53.59
	2163/01684972	Darius Wells and Wells Park ablutions door latch	19.28
	2163/99870079	Commercial sliding door closer	980.40
	2163/01157228	Various cleaning items	44.84
Technology One Limited	209100	Project management 240322	7,706.88
	209097	DMC consultancy fees 140322	3,024.51
	209096	DMC consultancy fees 180322	33,426.25
	209095	Infrastructure hosting 080322	701.25

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Payee	Invoice	Description	Amount
	209098	UAT support 240322	12,320.00
Ausco Modular Pty Ltd	7326219	Demountable hire Apr 22	1,545.39
Neverfail Springwater	INV-000530018	15 x water bottles for the Zone	57.65
Hudson Global Resources (Aust) Pty	AU1262480	Temp staff week ending 170422	4,348.30
Civica Pty Ltd	MLG021856	Licence support and maintenance to 300622	8,506.57
	MLG021829	Licence support and maintenance to 310523	14,488.97
	MLG021617	Licence support and maintenance to 310522	8,506.57
Chefmaster Australia	00055313	Roadside litter bags	1,400.00
BullAnt Security Pty	10218793	Darius Wells cut keys	99.00
HECS Fire	81148	Monthly fire detection testing at Administration	363.00
	81150	Monthly fire detection testing at Darius Wells	363.00
	81151	Monthly fire detection testing at Fiona Harris	363.00
	81152	Monthly fire detection testing at John Wellard	363.00
	81153	Monthly fire detection testing Recquatic Centre	363.00
	81154	Monthly fire detection testing at the Zone	363.00
Coastline Mowers	31973#1	Petrol blower BG86C easy start	359.20
	32328#5	Brush cutter parts	302.40
	32329#5	Box of edger blades	208.00
Garrards Pty Ltd	PEI-1060173	18kg Vectoprime larvicide	4,894.56
Hays Specialist Recruitment Pty Ltd	50791761	Temp staff week ending 030422	2,193.41
	50822430	Temp staff week ending 170422	3,179.84
Winc Australia Pty Ltd	9038507150	Items for City Life	212.48
	9038816878	Stationery for HR	440.85
	9038820491	Stationery for HR	8.48
Advanced Traffic Management (WA) Pt	00155786	Traffic management Beard Street	862.40
	00154545	Traffic management Westcott Road	296.70
	00155437	Traffic management Hefron Way	2,853.71
	00155438	Traffic management Tanson Rd	14,085.84
	00155787	Traffic management Beacham Crescent	865.38
	00155790	Traffic Management Thomas road	2,815.77
	00155788	Traffic management Naval Base drainage	1,953.29
Elliotts Irrigation Pty Ltd	B25755	Iron filer servicing for April 22	3,245.00
Complete Office Supplies Pty Ltd	10966070	Stationery for Library	16.59
Landgate	373883	Unimproved values schedule No U2022/2	70.40
	373879	GRV chargeable schedule No G2022/7	1,516.60
	372974	GRV chargeable schedule No G2022/06	1,073.49
Susan Michele Wiltshire	21April22	Professional Membership to Australasian HR Institute	396.00
Animal Pest Management Services	A-18542	Animal control services	15,048.00
Master Lock Service	8695	Darius Wells rekey office door lock	205.00
Programmed Property Services Pty Lt	SINV627501	Banksia Park gardening and lawn mowing April 2022	10,257.86
Kev's Wheelie Kleen	14902	Monthly bin clean for William Bertram Centre	121.00
	16393	Monthly bin clean for William Bertram Centre	121.00
Imagesource Digital Solutions	462080	ANZAC day admin panel	370.70
	462078	5x medium corflute roster signs	234.30
Woolworths Group Limited	120352655	Items for Cafe Splash at Recquatic Centre	122.74
Elexacom	117052	RCD testing Medina Hall	137.54
	117053	Emergency evacuation testing Fiona Harris Pavilion	183.39
	117066	Banksia Park V14 replace fan & light combo	343.22
	117071	Banksia Park V29 replace light bulb to downlight	269.32
	117067	Callistemon Court U20 repair or replace noisy fan	741.62
	117057	PAT testing Kwinana Depot	360.32

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
	117054	Emergency evacuation testing Business Incubator	315.39
	116989	Emergency and evacuation testing Mandogalup Stn	315.39
	117041	Emergency and evacuation Medina Oval	354.82
	117042	Emergency and evacuation testing Koorliny Centre	315.39
	117043	Emergency and evacuation testing Margaret Fielman	298.01
	117044	RCD testing Wheatfield Cottage	91.70
	117045	PAT testing Kwinana Depot	1,252.02
	117046	RCD testing Senior Citizens Centre	312.28
	116583	Adventure Park PAT testing February 2022	354.99
	116908	Resource Centre Wandie emergency lights	157.70
	116970	Administration emergency light is flickering	715.72
	116971	Wells Park BBQ southern end not working	275.09
	116972	Darius Ken Jackman spotlight not working	140.73
	116973	Recquatic hydro pool 2 x lights not working	643.63
	116974	Bertram oval club facility install smoke alarm	381.34
	116976	Media Oval flood light globes blown	157.70
	116977	Kwinana Adventure Park lights not working in toilets	252.16
	117050	PAT testing the Zone	483.03
	117047	RCD testing Koorliny Community Arts	265.89
	117048	RCD testing William Bertram Centre	183.39
	117049	Urns tested and repair exit light at Darius Wells	734.68
	117051	PAT testing Recquatic Centre	754.78
Total Green Recycling	INV11734	Collection of batteries and globes	586.44
StrataGreen	144218	Various items for the Depot grounds	1,565.43
Gregs Glass	13482	Fiona Harris Pavilion 2 windows smashed	250.00
Shelford Constructions Pty Ltd	32BAR/1	Kwinana South construction claim 1	82,983.89
Advance Scanning Services	20167473	Scanning tech and gear for Wellard Road	924.00
Heatley Sales Pty Ltd	C1032615	Uniforms for City Operations	124.36
	C1030779	Uniforms for City Operations	159.63
AAA Windscreens & Tinting	INV-55357	Replacement quarter panel window after damage	185.00
Sports Power Kwinana	060422	Streetball and soccer vouchers	150.00
Morgan James Scarfe	INV-343	Curation and delivery of artists for 2022 OMG!	27,500.00
Blackwood & Sons Ltd	KW5516DJ	Harness for City Operations and Facilities	1,171.19
	KW5050DK	Lanyard web protector for City Operations	288.00
	KW7592DK	Harness for City Operations and Facilities	169.60
Flex Industries Pty Ltd	1034087	Service kits and brake pads KWN2007	1,004.09
The Smart Security Company P/L	72800	Banksia Park V65 replace battery to duress unit	170.50
	72801	Banksia Clubhouse install a wifi Mediminder line	330.00
	Q15880	Banksia Clubhouse monitoring of new MediMinder	49.50
Glen Flood Group Pty Ltd	INV-1879	Temp project support week ending 170422	5,254.98
Mega Glow Yoga	009	Banksia Clubhouse weekly yoga classes	700.00
Envirosweep	95753	Road sweeping various areas March 22	3,555.01
McLeods Barrister & Solicitors	123899	Legal matter 16209	119.94
Lo-Go Appointments	00425726	Temp staff week ending 230422	1,825.44
	00425727	Temp staff week ending 230422	905.96
Natsales Advertising Pty Ltd	00347230	7 x laminated panels for Recquatic social sports	193.00
Charles Service Company	00034918	Carpet extraction cleaning at Medina Hall	85.20
Major Motors	1191938	Parts for vehicle 1ERM600	677.69
Bright Light Signs Pty Ltd	00017081	VMS sign for Summer Sounds	1,100.00
Daytone Printing Pty Ltd	57426	ANZAC day program booklet	596.20
Victory Kwinana Inc - Daughters of	13.3	Rates Refund	5,824.43

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Payments made between 01/04/2022 and 30/04/2022

Payee	Invoice	Description	Amount
Microcom Pty Ltd trading as MetroCo	INV030667	Field vent plug	242.00
Noddy The Waterman	INV-0566	Casuarina Hall water deliveries 250322	260.00
EFT TRANSFER: - 28/04/2022			34,121.09
Susan Edith Kearney	ICTALLOW21/22	ICT allowance	291.67
	MEETINGFEES21/22	Meeting fees	2,639.83
Barry Charles Winmar	ICTALLOW21/22	ICT allowance	291.67
	MEETINGFEES21/22	Meeting fees	2,639.83
Michael Brown	ICTALLOW21/22	ICT allowance	291.67
	MEETINGFEES21/22	Meeting fees	2,639.83
Dennis Cleve Wood	ICTALLOW21/22	ICT allowance	291.67
	MEETINGFEES21/22	Meeting fees	2,639.83
Sherilyn Wood	ICTALLOW21/22	ICT allowance	291.67
	MEETINGFEES21/22	Meeting fees	2,639.83
Peter Edward Feasey	DEPMAYFEE21/22	Deputy Mayoral allowance	1,869.83
	ICTALLOW21/22	ICT allowance	291.67
	MEETINGFEES21/22	Meeting fees	2,639.83
Carol Elizabeth Adams	ICTALLOW21/22	ICT allowance	291.67
	MAYALLOW21/22	Mayoral allowance	7,479.42
	MEETING21/22	Meeting fees	3,959.67
Matthew James Rowse	ICTALLOW21/22	ICT allowance	291.67
	MEETINGFEES21/22	Meeting fees	2,639.83
EFT TRANSFER: - 28/04/2022			252.67
SuperChoice	March2022D-01	Superannuation-March2022D-01	252.67
Total EFT			-3,635,124.43
Payroll			
Payroll			656,713.78
Payroll - Interim			1,707.45
Payroll			667,537.64
Payroll - Interim			865.79
Total Payroll			-1,326,824.66
Grand Total			-5,017,075.20

Credit Card Transactions

1/04/2022 to 30/04/2022



Transaction No	Tran Type	Tran Reference	Invoice Date	Actual	Transaction Description
Credit card Executive Assistant to 040422				\$5,000.00	
5483942	Invoice	040422A	04/04/2022	\$5,000.00	Red Cross donation to QLD/NSW Flood Appeal
Credit card Director City Development and Sustainability to 040422				\$451.60	
5483947	Invoice	040422B	04/04/2022	\$89.20	Perth Zoo recycling activity/sustainability hub
5483947	Invoice	040422B	04/04/2022	\$178.40	Perth Zoo recycling activity/sustainability hub
5483947	Invoice	040422B	04/04/2022	\$184.00	Story Tree/Living Green Prize
Credit card Manager Customer Communications to 040422				\$2,144.41	
5483959	Invoice	040422C	04/04/2022	\$0.67	International transaction fee
5483959	Invoice	040422C	04/04/2022	\$1.20	International transaction fee
5483959	Invoice	040422C	04/04/2022	\$7.60	Social media marketing and advertising
5483959	Invoice	040422C	04/04/2022	\$25.00	Social media marketing and advertising
5483959	Invoice	040422C	04/04/2022	\$26.69	Lucky Orange website analytics tool
5483959	Invoice	040422C	04/04/2022	\$38.17	Social media marketing and advertising
5483959	Invoice	040422C	04/04/2022	\$47.95	Typeform subscription
5483959	Invoice	040422C	04/04/2022	\$100.00	Social media marketing and advertising
5483959	Invoice	040422C	04/04/2022	\$345.56	Social media marketing and advertising
5483959	Invoice	040422C	04/04/2022	\$434.17	Mailchimp email marketing software
5483959	Invoice	040422C	04/04/2022	\$1,117.40	Social media marketing and advertising
Credit card Director City Infrastructure to 040422				\$525.45	
5489079	Invoice	040422D	04/04/2022	\$1.75	International transaction fee
5489079	Invoice	040422D	04/04/2022	\$18.18	SMS alerts for IT changes
5489079	Invoice	040422D	04/04/2022	\$18.18	SMS alerts for IT changes
5489079	Invoice	040422D	04/04/2022	\$54.55	IPWEA Conference parking
5489079	Invoice	040422D	04/04/2022	\$70.10	Professional voice over for training videos
5489079	Invoice	040422D	04/04/2022	\$81.60	Wellard Road duplication title searches
5489079	Invoice	040422D	04/04/2022	\$136.00	Wellard Road duplication title searches
5489079	Invoice	040422D	04/04/2022	\$136.00	Wellard Road duplication title searches
5489079	GST	040422D	04/04/2022	\$9.09	GST
Credit card Director City Life to 040422				\$3,007.68	

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Credit Card Transactions

1/04/2022 to 30/04/2022

Transaction No	Tran Type	Tran Reference	Invoice Date	Actual	Transaction Description
5489098	Invoice	040422E	04/04/2022	\$-47.79	Refund of funds for in/out board
5489098	Invoice	040422E	04/04/2022	\$5.60	Parking for meeting in Perth
5489098	Invoice	040422E	04/04/2022	\$6.35	Amazon membership
5489098	Invoice	040422E	04/04/2022	\$9.64	Catering for meeting
5489098	Invoice	040422E	04/04/2022	\$163.64	Hand sanitiser for the Library
5489098	Invoice	040422E	04/04/2022	\$183.18	National Growth Areas Congress 2022
5489098	Invoice	040422E	04/04/2022	\$183.18	National Growth Areas Congress 2022
5489098	Invoice	040422E	04/04/2022	\$188.64	National Volunteering Week merchandise
5489098	Invoice	040422E	04/04/2022	\$2,041.82	Gaming equipment for The Zone
5489098	GST	040422E	04/04/2022	\$273.42	GST
Credit card Coordinator Events, Engagement and Grants to 040422				\$24.08	
5489115	Invoice	040422F	04/04/2022	\$21.89	Purchase of handy reachers for events
5489115	GST	040422F	04/04/2022	\$2.19	GST
Credit card Rates Coordinator to 040422				\$6,058.10	
5489126	Invoice	040422G	04/04/2022	\$7.36	Padlock for storage unit
5489126	Invoice	040422G	04/04/2022	\$1,200.00	SMS credit for messaging
5489126	Invoice	040422G	04/04/2022	\$2,205.00	Lodgement minor case claims
5489126	Invoice	040422G	04/04/2022	\$2,295.45	Storage unit rental fee
5489126	GST	040422G	04/04/2022	\$350.29	GST
Credit card Manager Human Resources to 040422				\$3,395.60	
5489146	Invoice	040422H	04/04/2022	\$21.64	Gift cards for awards
5489146	Invoice	040422H	04/04/2022	\$77.18	Flowers for staff member
5489146	Invoice	040422H	04/04/2022	\$79.00	Flowers for staff member
5489146	Invoice	040422H	04/04/2022	\$700.00	Gift cards for awards
5489146	Invoice	040422H	04/04/2022	\$2,272.73	Study assistance payment
5489146	GST	040422H	04/04/2022	\$245.05	GST
Grand Total:				\$20,606.92	

Date Printed: 02/05/2022

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18.3 BUDGET VARIATIONS**SUMMARY**

To amend the 2021/2022 budget to reflect various adjustments to the General Ledger as detailed below.

OFFICER RECOMMENDATION

That Council approves the required budget variations to the Current Budget for 2021/2022 as follows:

ITEM #	DESCRIPTION	CURRENT BUDGET	INCREASE/ DECREASE	REVISED BUDGET
1	Purchase of Billy Goat Turf Cutter	0	(7,544)	(7,544)
	Plant Replacement P532 Mowing Deck	(6,500)	6,500	0
	Transfer from Plant & Equipment Replacement Reserve	0	1044	1044
2	Medina Hall Air Conditioning	0	(50,000)	(50,000)
	RG&C Reserve (Recreation and Culture)	(128,055)	50,000	(78,055)
3	Challenger Beach Ablutions	0	(150,000)	(150,000)
	RG&C Reserve (Parks and Reserve)	(150,000)	150,000	0

VOTING REQUIREMENT

Absolute Majority of Council is required.

DISCUSSION

ITEM #	DESCRIPTION	CURRENT BUDGET	INCREASE/ DECREASE	REVISED BUDGET
1	Purchase of Billy Goat Turf Cutter	0	(7,544)	(7,544)
	Plant Replacement P532 Mowing Deck	(6,500)	6,500	0
	Transfer from Plant & Equipment Replacement Reserve	0	1044	1044
	The purpose of this budget variation is to transfer purchasing budget from scheduled plant replacement of a mowing deck to the purchase of a turf cutter. An additional \$1,044 will be required to acquire this new plant.			
2	Medina Hall Air Conditioning	0	(50,000)	(50,000)
	RG&C Reserve (Recreation and Culture)	(128,055)	50,000	(78,055)

	The purpose of this budget variation is to commence the project approved during budget review OCM 9 th March 2022. \$50,000 of the surplus funds were allocated to fund the Medina Hall Air Conditioning project.			
3	Challenger Beach Ablutions	0	(150,000)	(150,000)
	RG&C Reserve (Parks and Reserve)	(150,000)	150,000	0
	The purpose of this budget variation is to commence the project approved during budget review OCM 9 th March 2022. \$150,000 of the surplus funds were allocated to fund the Challenger Beach Ablutions project.			

STRATEGIC IMPLICATIONS

This proposal will support the achievement of the following outcome/s and objective/s detailed in the Strategic Community Plan and Corporate Business Plan.

Strategic Community Plan			
Outcome	Strategic Objective	Action in CBP (if applicable)	How does this proposal achieve the outcomes and strategic objectives?
1 – A naturally beautiful environment that is enhanced and protected	1.2 – Maintain and enhance our beautiful, natural environment through sustainable protection and conservation	N/A – There is no specific action in the CBP, yet this report will help achieve the indicated outcomes and strategic objectives	Maintain and enhance our beautiful, natural environment through sustainable protection and conservation
	1.1 – Retain and improve our streetscapes and open spaces, preserving the trees and greenery that makes Kwinana unique	N/A – There is no specific action in the CBP, yet this report will help achieve the indicated outcomes and strategic objectives	Retain and improve our streetscapes and open spaces, preserving the trees and greenery that makes Kwinana unique
3 – Infrastructure and services that are affordable and contribute to health and wellbeing	3.1 – Develop quality, affordable infrastructure and services designed to improve the health and wellbeing of the community	N/A – There is no specific action in the CBP, yet this report will help achieve the indicated outcomes and strategic objectives	Develop quality, affordable infrastructure and services designed to improve the health and wellbeing of the community

SOCIAL IMPLICATIONS

There are no social implications as a result of this proposal.

LEGAL/POLICY IMPLICATIONS

There are no legal/policy implications as a result of this proposal.

FINANCIAL/BUDGET IMPLICATIONS

The long-term financial plan will require to be updated with the additional maintenance cost from Medina Hall air conditioning.

ASSET MANAGEMENT IMPLICATIONS

Medina Hall air conditioning will add ongoing maintenance and operating costs to the building maintenance.

ENVIRONMENTAL/PUBLIC HEALTH IMPLICATIONS

There are no Environmental/Public implications as a result of this proposal.

COMMUNITY ENGAGEMENT

There are no Community Engagement implications as a result of this proposal.

ATTACHMENTS

Nil

19 NOTICES OF MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil

**20 NOTICE OF MOTIONS FOR CONSIDERATION AT THE FOLLOWING MEETING
IF GIVEN DURING THE MEETING**

21 LATE AND URGENT BUSINESS

Note: In accordance with Clauses 3.13 and 3.14 of Council's Standing Orders, only items resolved by Council to be Urgent Business will be considered.

22 REPORTS OF ELECTED MEMBERS

23 ANSWERS TO QUESTIONS WHICH WERE TAKEN ON NOTICE

Nil

24 MAYORAL ANNOUNCEMENTS

25 CONFIDENTIAL ITEMS

Nil

26 CLOSE OF MEETING