



Carbon Recycling Facility

Community Engagement Report



Prepared for C-Wise

6 December 2023

Project Number: TW21124

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Approval for Release

Name	Position	File Reference
Matthew Hobley	Waste Engineer	TW21124 - C-Wise Community Engagement Report_2.0
Signature		

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1 Introduction

C-Wise Holdings Pty Ltd (C-Wise) is currently seeking approval to develop a new Carbon Recycling Facility (the Facility) for the acceptance and processing of a range of solid and liquid organic wastes to produce compost and similar products (the Project). The Project will be located at 320 Gull Road, Keralup, a portion of Lot 9500 on Deposited Plan 414516 (the Site).

Operation of the Facility will support the diversion of organic waste from landfill, including the implementation of Food Organics and Garden Organics kerbside collections in the Perth and Peel regions, as outlined in the Waste Avoidance and Resource Recovery Strategy 2030 (Waste Authority, 2020) (Waste Strategy 2030).

Due to the activities of the Project, it will be classified as a Prescribed Premises under Part V of the *Environmental Protection Act 1986* (EP Act) and therefore requires approval from the Department of Water and Environmental Regulation (DWER) prior to construction and operation. As part of these approval processes, C-Wise has conducted a Community Engagement Program over a six-week period from October to December 2023. This report outlines the community engagement activities undertaken and summarises the feedback obtained, as well as C-Wise's and its Project Consultancy Team's responses.

2 Summary of Engagement

C-Wise recognises the importance of engagement with the surrounding community for this Project and has been proactive in consulting the community regarding the proposed Carbon Recycling Facility. Several community engagement activities have been undertaken to ensure that the local community has the opportunity to obtain information on the Project and provide feedback.

The community engagement process involved the following key activities:

1. A letter drop to surrounding premises to inform them of the informative documentation, online feedback form and community open day;
2. Materials were prepared to inform the community, and were made available via an online Project Website;
3. An online questionnaire was provided on the Project Website to gather feedback from the community and provide a method for asking queries and providing feedback; and
4. A Community Open Day was held to allow the community and key stakeholders such as the DWER to attend and engage with C-Wise and Talis staff in person.

Key documentation that was prepared to support the engagement process included:

- Community Engagement Letter;
- Project Website and Online Questionnaire;
- Presentation; and
- Feedback Form.

Residents and businesses from the area were invited to participate in various Project feedback activities. These aimed to provide an opportunity to obtain feedback on the Project to enhance C-Wise's decision-making process. Details of these activities are discussed in the following subsections.

2.1 Community Engagement Letter

C-Wise prepared a Community Engagement Letter for the Project and undertook a letter drop to all residents and businesses within approximately 2.5km of the Facility, or further where a road intersected with the 2.5km radius. The letter drop occurred in the week starting 30 October 2023. A total of 41 letters were prepared, with 28 of the letters successfully delivered. Thirteen letters could not be delivered due to the lack of a mailbox at the property, however most of these were located outside of the target 2.5km radius.

A copy of the Engagement Letter can be found in Appendix A.

The Community Engagement Letter provided information on the following key aspects of the Project:

- Proposed Facility;
- Potential environmental impacts and management;
- Specialist studies that have been prepared:
 - Environmental Assessment and Management Plan prepared by Talis Consultants;
 - Stormwater and Leachate Management Plan prepared by Talis Consultants;
 - Odour Impact Assessment prepared by Environmental and Air Quality Consulting;

- Hydrogeological Investigations and Design prepared by WSP;
- Bushfire Management Plan undertaken by Bushfire Prone Planning; and
- Ecological Surveys undertaken by Focused Vision Consulting & Coterra Environment.
- Approvals Pathway:
 - Department of Water and Environmental Regulation (DWER); and
 - Shire of Murray.
- Map Indicating Site Location; and
- C-Wise Site General Arrangement.

The Community Engagement Letter included various options for members of the community to provide feedback. This included contact details to receive emails and written submissions, as well as a web link to the Project Website, discussed in Section 2.2. Community members were also invited to participate in a Community Open Day, discussed in Section 2.3 below.

2.2 Project Website and Online Questionnaire

A standalone Project Website was developed to be the Project hub where all Project information would be stored and added for community access and communications. The Project Website went live on 10 November 2023 and can be found at the following link:

<https://staging-cwise-stage.kinsta.cloud/east-keralup-development-project/>

A link to the Project Website was provided in the Community Engagement Letter, as well as in the Feedback Form presented during the Community Open Day.

The website provided the following information:

- Project Overview;
- C-Wise Background;
- Community Consultation Details;
- New Proposed Facility;
- Online Questionnaire;
- Map Indicating Site Location;
- C-Wise Site General Arrangement;
- 3D Site Drawing;
- Letter to the Community; and
- Contact Information and Contact Form.

The Online Questionnaire was created to give all concerned parties an opportunity to respond to the Project. It went live on 10 November 2023 with the Project Website and will remain open for the duration of the Project Development to allow continued engagement from the Community. Figure 2-1 below shows the Online Questionnaire that was provided on the Project Website.

Do you support composting and the recycling of organic material?

☐ Yes ☐ No ☐ Undecided

Please comment your thoughts around composting and recycling of organic materials

Do you think that the EKD project aligns with the State Governments Waste Avoidance and Resource Recovery Strategy 2030?

☐ Yes ☐ No ☐ Undecided

Please comment on the EKD project and how it aligns with the State Governments Waste Avoidance and Resource Recovery Strategy 2030?

Do you use compost generated from recycling facilities?

☐ Yes ☐ No ☐ Undecided

Please provide feedback on your experience and usage of compost derived from compost facilities.

C-Wise has obtained funding from the State Government for this project recognising the importance to achieve the State Waste Strategy targets as well as local benefits it will bring (such as employment and industry development). Are there additional benefits that you feel the project can bring to the area?

☐ Yes ☐ No ☐ Undecided

Kindly provide your thoughts on the State Waste Strategy targets as well as the local benefits it will bring, such as employment opportunities and industry development. Additionally, please elaborate on any potential additional benefits that you believe the project can bring to the area.

C-Wise and its consultancy team has delivered a range of specialist studies for the project including Odour, Groundwater, Stormwater and Leachate Management Plan, Bushfire. These were identified as the key environmental factors associated with the development. Do you agree with this view or are there other factors that you feel should be considered?

☐ Yes ☐ No ☐ Undecided

Please comment whether all environmental factors were considered or suggest any that have been missed.

Do you have any comments / concerns in relation to the project that you wish to raise?

☐ Yes ☐ No

Do you wish to be further consulted in relation to this project in the future?

☐ Yes ☐ No

Submit

Figure 2-1: Online Questionnaire

2.3 Community Open Day

Members from the Shire of Murray community were invited to participate in a Community Open Day through the Community Engagement Letter, as well as on the Project Website. The event was held to allow the community and key stakeholders such as the DWER to engage with C-Wise and Talis staff in person.

The Community Open Day was held for four hours between 1pm and 5pm on Tuesday, 14 November 2023. The event was held at 37 Dollyup Street in Stakehill at the Food Innovation Precinct Western Australia. The session format was a question-and-answer forum that was facilitated by Talis. The participants were provided the opportunity to raise any questions or queries they may have in relation to the Project. Talis prepared a presentation to help guide discussions and provide information on the Project, and physical feedback forms, alongside QR codes for directing feedback to the Project Website, were also available. These resources are discussed further in Section 2.3.1 and Section 2.3.2 respectively.

No members of the community attended the open day, though two representatives from the DWER attended and were taken to view the Site entrance.

2.3.1 Presentation

A PowerPoint presentation was prepared by Talis to provide attendees with a more detailed description of the Project and offer an opportunity for questions and concerns to be raised.

The Presentation consisted of the following elements:

- Project Background;
- Project Funding;
- Alignment with the Waste Strategy 2030;
- Organics Recycling Guideline;
- Site Location and Design;
- Key Environmental Aspects;
- Stakeholder Engagement; and
- Approvals Pathway.

A copy of the presentation provided at the Community Open Day is included in Appendix B.

2.3.2 Feedback Form

A Feedback Form was provided to attendees at the Open Day as a way to provide questions or concerns about the Project. The Feedback Form questions were consistent with the Online Feedback Form, which was also available to attendees through a QR code which led to the Project Website. A copy of the Feedback Form can be found in Appendix C.

2.4 Feedback Received

As of the date of reporting, there has been no feedback received through the Online Questionnaire or through the email or phone number provided on the Project Website and Community Engagement Letter. The lack of community members that attended the Open Day meant that there was no in-person feedback received on the day.

Throughout the Community Engagement Program, C-Wise and Talis have received no community feedback on the Project, indicating there is no significant opposition to the Project at this stage. Having operated its existing Nambeelup Composting Facility for over 25 years, C-Wise is a recognised operator in the area and is well known within the community for being proactive in continually enhancing its composting technique and environmental management measures to achieve the best possible environmental and social outcomes. Talis believes that the lack of opposition to the Project to date is due to C-Wise's long-standing reputation and familiarity in the region and is an example of the community's general support for C-Wise's operations.

3 Conclusion

C-Wise is proposing to develop a new Carbon Recycling Facility to process a range of organic materials into a high-quality compost product. To support the development of the Project, C-Wise conducted a six-week Community Engagement Program to inform the community of the activities to be undertaken and to provide an opportunity for feedback to be received.

No feedback was received from the community on the Project during the Community Engagement Program. Following the Community Engagement Program Talis has come to the following conclusions:

- The engagement activities conducted were sufficient for the scope of the Project;
- The lack of feedback indicates that there is no major opposition to the Project at this stage;
- The lack of feedback received on the Project indicates the community's confidence that C-Wise will develop the Project in accordance with relevant standards and guidelines; and
- Risks to the environment associated with the Project will be managed appropriately.

The development of the Carbon Recycling Facility represents an opportunity for C-Wise to continue to operate from a best practice facility that incorporates extensive environmental management controls to allow for the risk of potential environmental impacts to be managed appropriately. These controls will ensure that the environment is adequately protected and that the community's expectations for the Project are met.

APPENDIX A

Community Engagement Letter



Dear Resident/Occupier,

Proposed C-Wise Carbon Recycling Facility – Community and Stakeholder Consultation Letter

C-Wise is proposing to develop a new Carbon Recycling Facility located at 320 Gull Road, Keralup, (Please refer attached). The facility will accept a range of organic materials for composting, including Food Organics and Garden Organics (FOGO) from kerbside collections in the Perth and Peel regions, as mandated by the State Government's Waste Avoidance and Resource Recovery Strategy 2030.

Recognising the importance of the proposal, C-Wise was successful in obtaining funding for the construction of the facility from both the State and Federal governments through the Food Waste for Healthy Soils Fund.

C-Wise wishes to engage the local community and stakeholders early in the project and has therefore prepared this letter to introduce the facility and provide an invitation to participate in the various consultation activities. To commence the process, C-Wise has undertaken a letter drop to all residents and businesses within approximately 2.5 km radius of the facility.

Proposed Facility

The development of the Carbon Recycling Facility will see best-practice composting infrastructure developed at the site in general alignment with the DWER's Guideline *Better Practice Organics Recycling (December 2022)*. The facility will accept FOGO waste, alongside greenwaste, forestry and liquid wastes, and will process these into a range of compost and other soil-improving products.

The whole facility will be constructed in two stages, which over time will provide C-Wise the ability to transfer all its operations across from its existing facility in Nambeelup. As illustrated in Figure 2, both Stage 1 and 2 are basically identical.

As part of Stage 1, the key elements to be constructed include:

- Carbon Storage Area
- Receiving Building
- Enclosed Composting Bunkers
- Overcover aeration and maturation area
- Product screening and dispatch area
- Leachate system including sumps, tanks and evaporation ponds
- Stormwater system including swales and ponds
- Liquid waste tank farm

Stage 1 of the facility will provide sufficient annual capacity to process 100,000 of organic materials. Stage 2 will increase the facility overall capacity to 200,000 tonnes per annum.

Potential Environmental Impacts and Management

C-Wise recognises that there are a range of environmental risks associated with composting operations which require careful management. C-Wise and its team of consultants, have prepared a range of specialist studies including but not limited to:

- Environmental Assessment and Management Plan prepared by Talis Consultants
- Stormwater and Leachate Management Plan prepared by Talis Consultants
- Odour Impact Assessment prepared by Environmental and Air Quality
- Hydrogeological Investigations and Design prepared by WSP
- Bushfire Management Plan undertaken by Bushfire Prone
- Ecological Surveys undertaken by Focused Vision Consulting & Coterra Environment

As part of these works, detailed assessments have been undertaken to devise the environmental engineering and operational measures to ensure that all potential risks are controlled in accordance with regulatory and modern best practice standards.

Approvals Pathway

C-Wise will require a variety of approval for the construction and operation of the facility including:

- Department of Water and Environmental Regulation (DWER):
 - Works Approval
 - Clearing Permit
 - Licence
- Shire of Murray:
 - Development Approval Application.

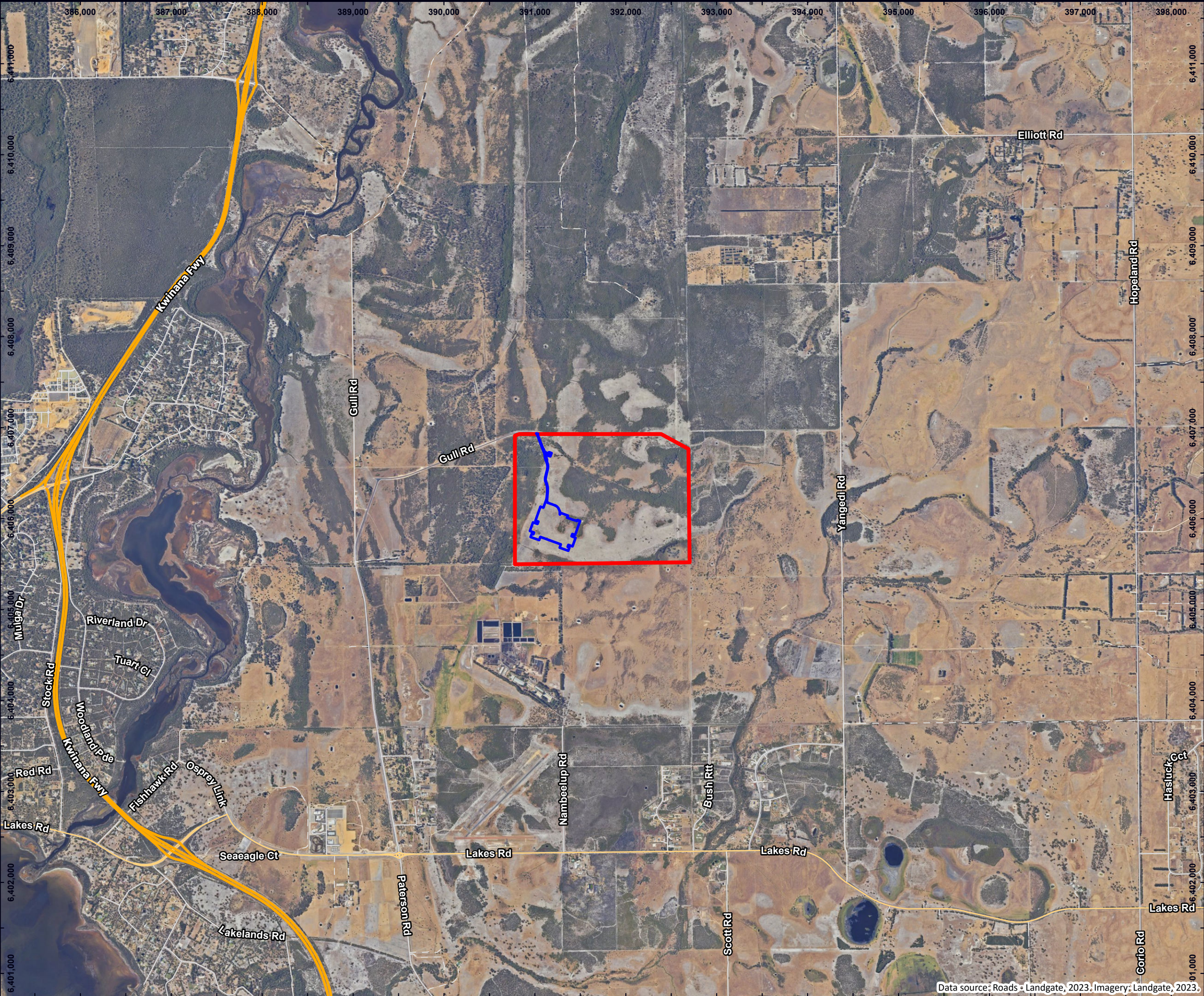
Community Consultation

C-Wise wishes to undertake community and stakeholder consultation to provide the opportunity to have their say on the proposal. C-Wise has arranged for an open afternoon for community members and stakeholders to drop by at a convenient time to learn more about the project. C-Wise has also set up an online feedback forum. In addition, C-Wise is happy to accept emails and written submissions. Please note C-Wise is currently developing a new website that will go live on or before the 10th November at which time the link below will be operational for more information about the project.

CONSULTATION DETAILS

OPEN DAY – Food Innovation Precinct
ADDRESS - 37 Dollyup Street, Stakehill, WA 6181
Date: Tuesday 14th November 2023
Time: 1pm to 5pm
Web Link: <https://staging-cwise-stage.kinsta.cloud/east-keralup-development-project/>
Email and Written Submissions: info@cwise.com.au

If you have any queries, please do not hesitate to contact +61 8 9581 9582



LEGEND

Site Boundary

Development Envelope

Western Australian Roads

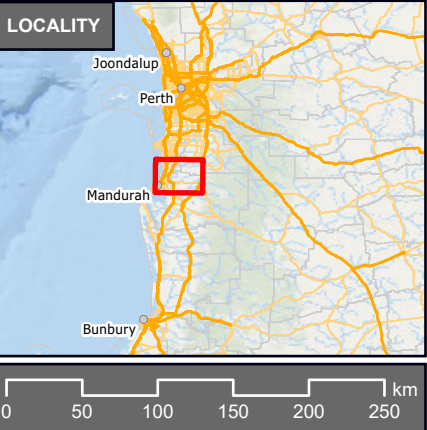
Freeway / Highway

Main Road

Minor Road

Other

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SITE LOCATION

Clearing Permit Application

C-Wise
320 Gull Road
Keralup WA 6182

N

05001,0001,500

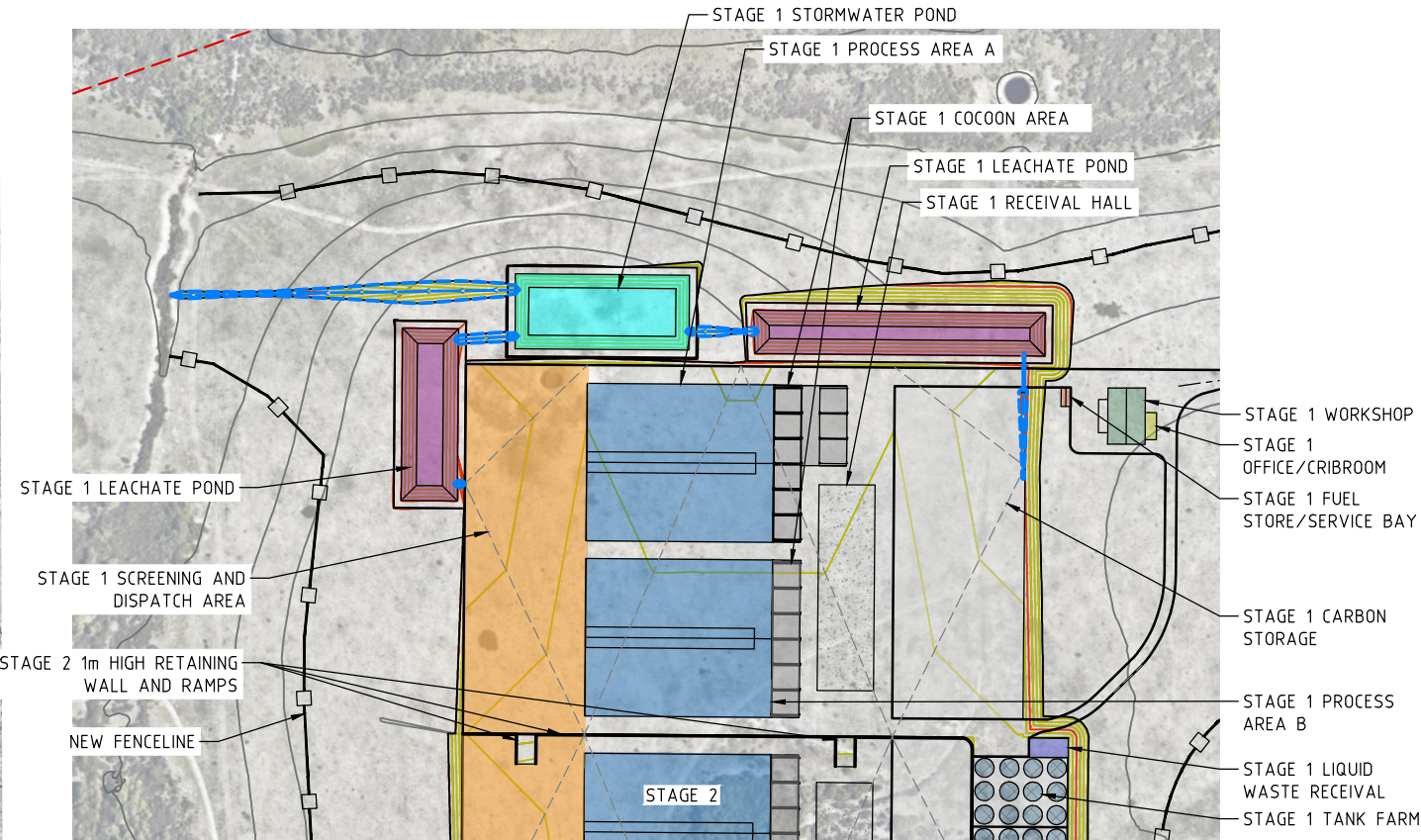
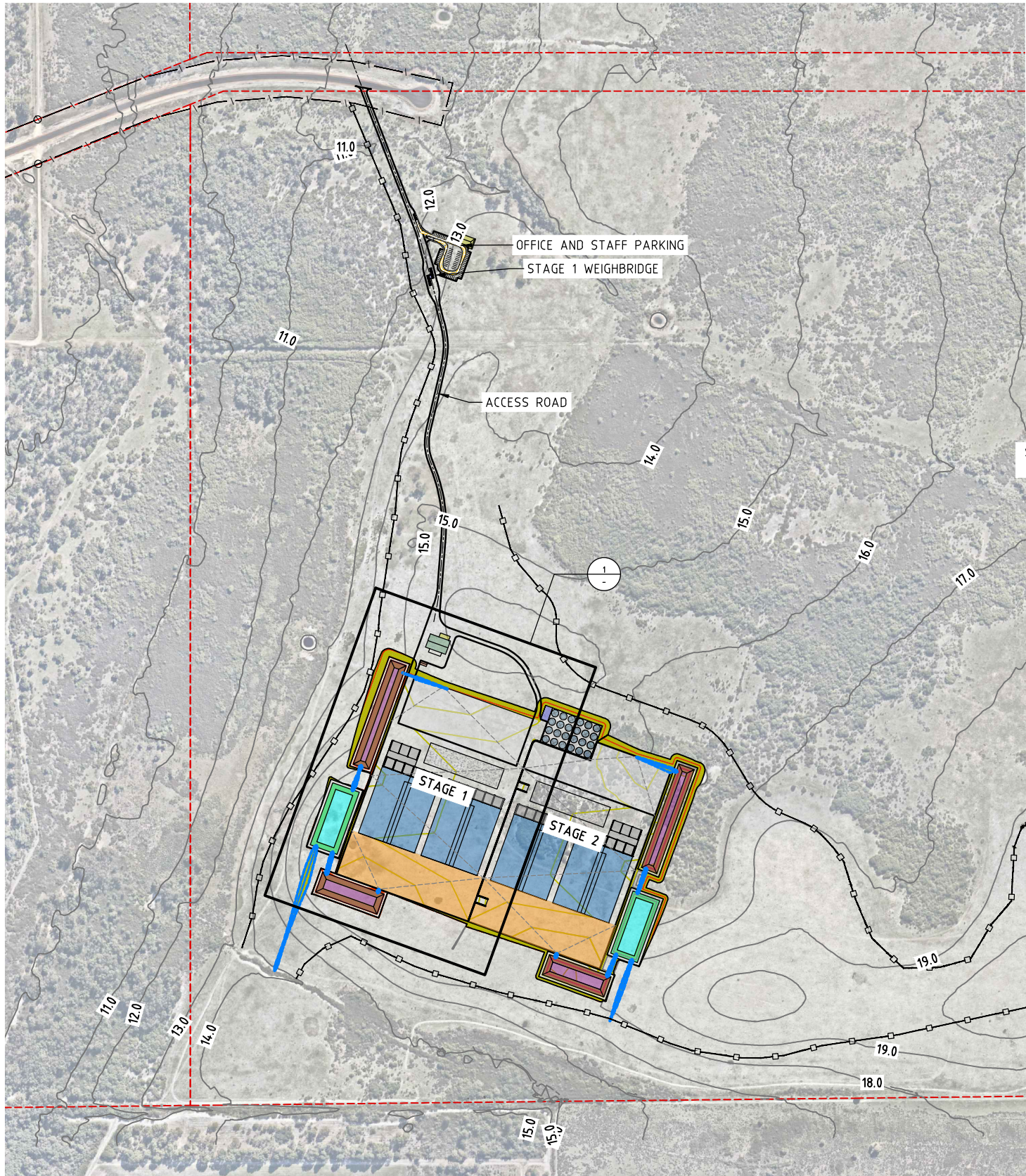
m

Coordinate System: GDA2020 MGA Zone 50
Scale @ A3: 1:40,000

Prepared:	E Jackson	Date:	19/10/2023
Reviewed:	M Hobley	Revision:	A
Project:	TW21124		

Figure 01

Data source: Roads - Landgate, 2023. Imagery: Landgate, 2023.



1 STAGE 1 LAYOUT
SCALE: 1:4000

- LEGEND:**
- LEASE BOUNDARY
 - ACCESS ROAD
 - LEACHATE POND
 - RECEPTION/OFFICES
 - WORKSHOP
 - STORMWATER POND
 - SCREENING/DISPATCH
 - LIQUID WASTE RECEIVAL
 - FUEL STORE/SERVICE BAY
 - TANK FARM
 - RECEIVAL HALL
 - COCOON AREA
 - CARBON STORAGE
 - OPEN DRAIN
 - EXISTING FENCELINE
 - NEW FENCELINE

INFORMATION ONLY
NOT FOR CONSTRUCTION



VERTICAL DATUM: AUSTRALIAN HEIGHT DATUM
HORIZONTAL DATUM: MGA 94 ZONE 50



ASSET
ENGINEERING
ENVIRONMENT
NOISE
SPATIAL
WASTE

PERTH
604 Newcastle Street Leederville WA 6007
PO Box 454 Leederville WA 6903

Client:



NOTES

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No.	Date	Drawn	Checked	Amendment / Issue	App.
F	26.09.2023	YJ	AB	EARTH WORK VOLUME UPDATED	MH
E	10.07.2023	JS	AB	SITE LAYOUT UPDATED	MH
D	16.01.2023	MM	AB	SITE LAYOUT UPDATED	MH
C	15.11.2022	AB	MH	BOUNDARIES UPDATED	MH
B	03.02.2022	YJ	AB	SECTIONS AND ISOPACHYTE LAYOUT ADDED	MH
A	15.11.2021	YJ	AB	PRELIMINARY ISSUE	MH

Project:

C-WISE DUE DILIGENCE AND APPROVALS

Title:

GENERAL ARRANGEMENT

Scale: AS SHOWN @ A3		Date: 02.03.2022	
Drawn: YJ	Checked: AB	Approved: MH	
Job No:	Dr. No:	Rev:	
TW21124		C-100	
			
Filename:			
TW21124-SET.DWG			

APPENDIX B

Presentation



C-Wise: Carbon Recycling Facility

Community Engagement Workshop

14 November 2023



ASSETS | ENGINEERING | ENVIRONMENT | NOISE | SPATIAL | WASTE

1



AGENDA

- Project Background
- Project Funding
- Alignment with Waste Strategy 2030
- Organics Recycling Guideline
- Site Location & Design
- Key Environmental Aspects
- Stakeholder Engagement
- Approvals Pathway



2

Who Are C-Wise?



- C-Wise recognised as WA's leading composting firm with over 25 years of operations.
- Winner of several awards, including:
 - Telstra's WA winner of the 2024 Best of Business Award for promoting sustainability;
 - Andy Gulliver (Founding Director) wins AORA Legend Award in 2016 for his contribution to the composting industry;
 - Organic Consumer Choice Awards 2014, Best Organic Input Supplier;
 - Resource and Waste Management Awards 2012, for the New Perth Bunbury Highway Soil Manufacturer for Landscaping and Construction; and
 - The Western Australian Environment Awards 2005, Overall Winner and Small Business Leading by Example.



3

Project Background



- Result of a decade-long goal of establishing a modern, better practice facility at a new location
- Proposing Carbon Recycling Facility to process 200,000 tonne per annum of organic materials
 - Stage 1: 100,000 tonnes of capacity
 - Stage 2: Additional 100,000 tonnes of capacity, relocating from the existing Site
- Important project to support the State Waste Strategy & FOGO mandate for Local Governments in Perth and Peel
- C-Wise and team of consultants in the process of finalising Environmental and Planning approval applications
- Timeline:
 - Stage 1 construction in early 2024, starts operations early 2025
 - Stage 2 construction early 2027, starts operations early 2028



4

Government Funding



- C-Wise secured \$5.75M in funding from the Federal and State Government's Food Waste for Healthy Soil Soils Fund
- This represented half of all funding allocated to WA
- Funding aimed at supporting rollout of FOGO for local governments by 2025, and diverting organic waste from landfill



Australian Government

**Department of Climate Change, Energy,
the Environment and Water**



5

State Waste Strategy 2030



- Vision:
 - *Western Australia will become a sustainable, low-waste, circular economy in which human health and the environment are protected from the impacts of waste.*
- Avoid, Recover, Protect initiatives and targets aim to deliver the vision
- FOGO mandate for all Perth and Peel local governments by 2025
- Aims to recover 75% of material by 2030



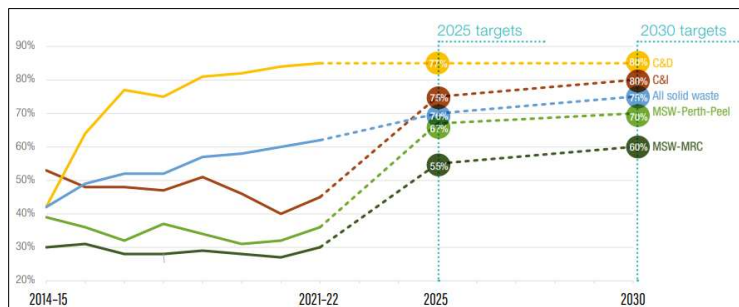
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State Waste Strategy 2030



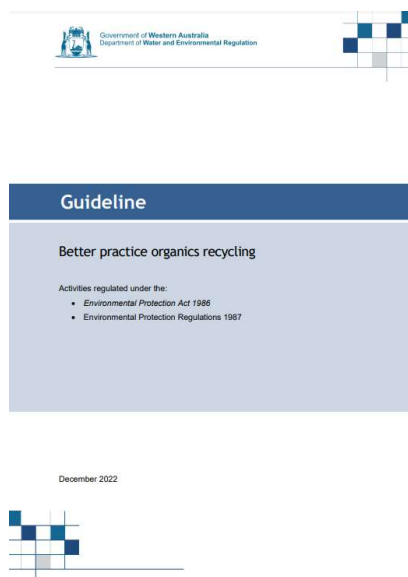
- C-Wise Carbon Recycling Project a key piece of infrastructure to deliver the State Strategy and targets

Avoid	Recover	Protect
Western Australians generate less waste.	Western Australians recover more value and resources from waste.	Western Australians protect the environment by managing waste responsibly.
<ul style="list-style-type: none"> 2025 – 10% reduction in waste generation per capita 2030 – 20% reduction in waste generation per capita 	<ul style="list-style-type: none"> 2025 – Increase material recovery to 70% 2030 – Increase material recovery to 75% From 2020 – Recover energy only from residual waste 	<ul style="list-style-type: none"> 2030 – No more than 15% of waste generated in Perth and Peel regions is landfilled 2030 – All waste is managed and/or disposed to better practice facilities



7

DWER Organics Recycling Guideline



- Purpose:
 - To set environmental performance objectives and identify benchmark controls for the planning, design and operation of organics recycling facilities
- Environmental Performance Objectives:
 - Feedstocks
 - Emissions to land and water
 - Odour
 - Point source emissions to air
 - Dust
 - Noise
 - Emissions of litter and debris
 - Fire prevention and management
 - Vectors; and
 - Product Quality
- Facility design prepared in general accordance with these Guidelines



8

Site Location



- 230 Gull Road, Keralup
- Keralup region previously planned for large scale residential development by Development WA.
- Focus changed to industrial land around 2014
- Registration of Interest released 2018 by Development WA.
- C-Wise entered into a long term (50 years) lease with Development WA in August 2021.
- Lease agreement requires Construction Contract Awarded 2025

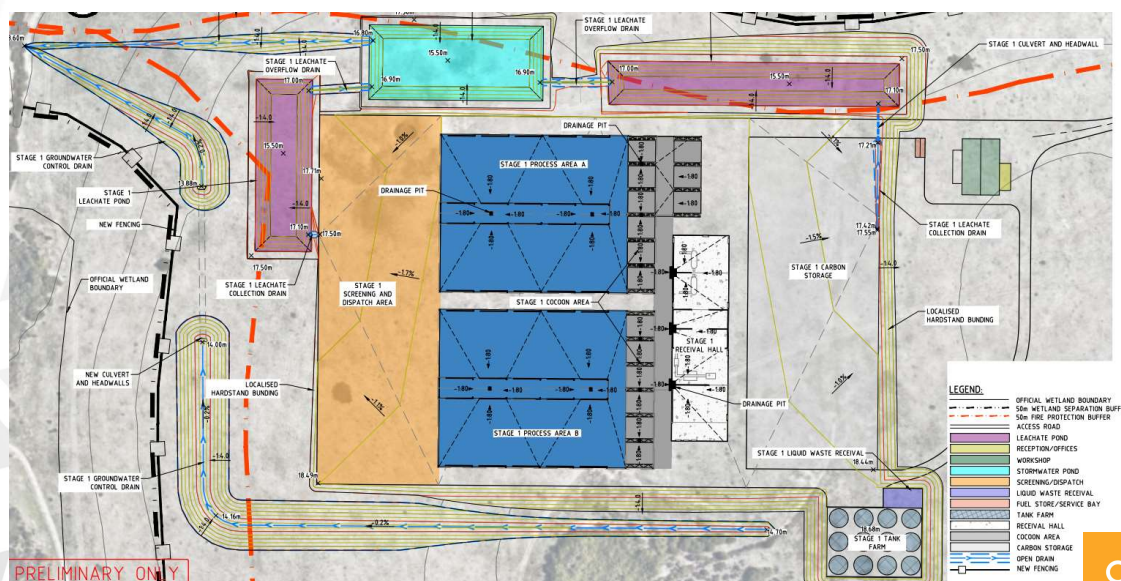


9

Site and Design



10

[illegible]

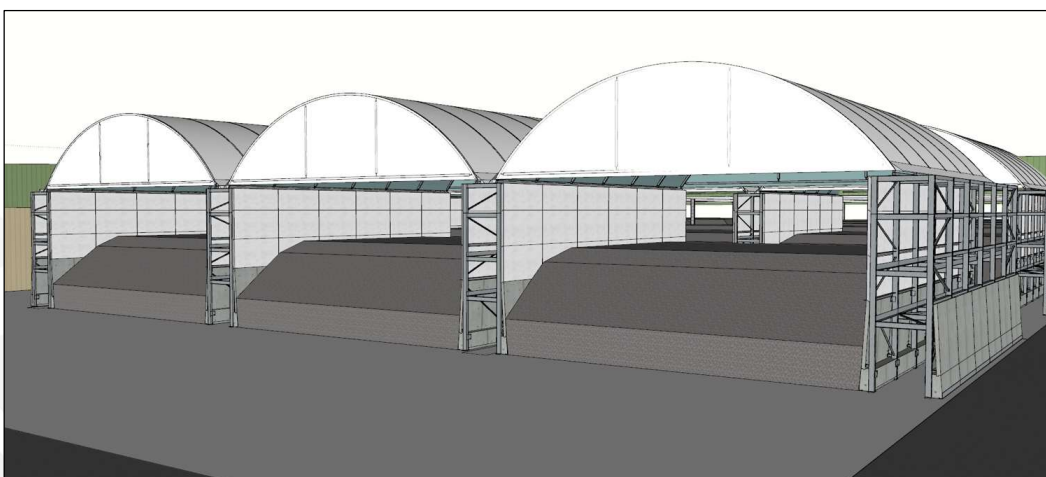
6

Stage 1 Design



13

Cocoon / Smart Composting System



14

Processing Areas



Roofs omitted from drawings



15

Elevation



16

Potential Environmental Aspects



KEY

- Leachate
- Surface Water
- Odour
- Vegetation & Clearing

OTHER

- Weeds
- Fire
- Fire Wash Water
- Noise
- Dust
- Vermin and Feral Animals
- Acid Sulfate Soils
- Litter
- Security
- Traffic



17

Leachate & Surface Water

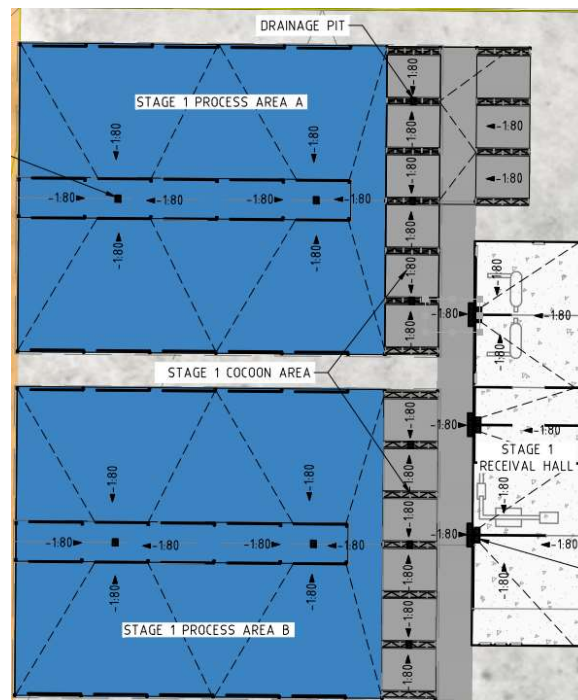


- **Elimination – overarching management strategy**
- All clean stormwater directed away from processing areas
- Roof areas all taken directly to stormwater ponds
- Design to cater 1-in-20 storm event as per the Organics Recycling Guidelines
- High Risk Leachate
 - Generated within Receival Hall, Cocoon Area and Processing Area
 - Receival Hall roofed with internal sumps
 - Cocoon system with tension fabric roofs with all areas graded to internal sumps
 - Processing Area full roofed and some side walls. Floor graded to drain to internal sumps.
 - All high risk leachate pumped out to liquid waste tanks and recycled through the composting process
 - Designed above of the 1-in-100 storm event - well beyond the Organics Recycling Guidelines (1-in-20)



18

High Risk Leachate Design

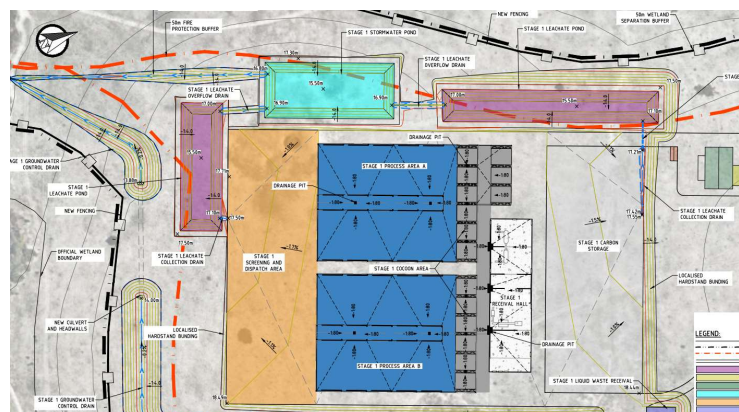


19

Low Risk Leachate & Surface Water



- Low risk leachate generated from Carbon Storage Area and Products Dispatch & Screening Area
- Graded hardstand areas and perimeter swales leading to lined stormwater ponds
- Leachate Ponds lined with GCL and HDPE (relevant to Class III landfill standard)
- Designed to 1-in-100 storm event – well beyond the 1-in-20 Organics Recycling Guidelines
- Higher events, low risk leachate then transfers to the HDPE-lined stormwater system for further dilution prior to controlled discharge.
- Monitoring points up and downgradient of ponds (and the Facility)



20

Groundwater Controls

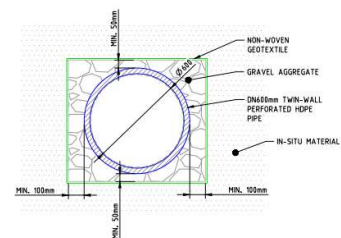
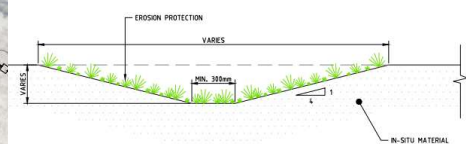
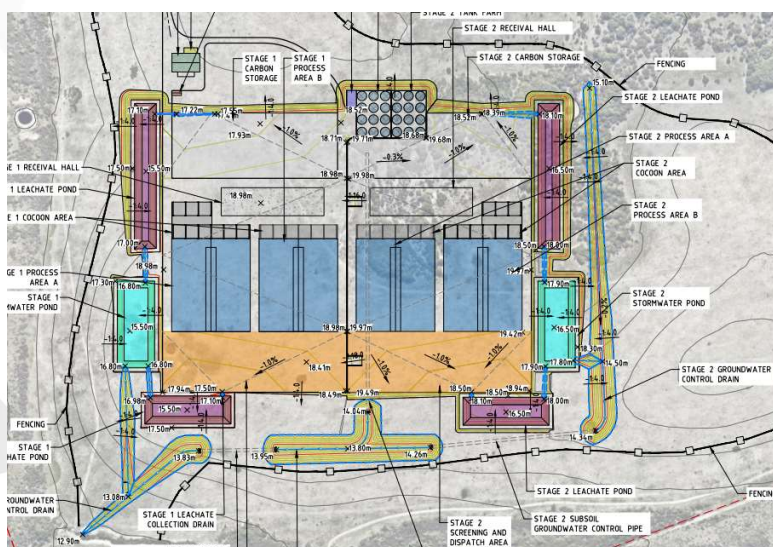


- Extensive data on groundwater across the area – including Development WA investigations and published data
- Phase 1 Works:
 - Groundwater investigations at the Site
 - Prepared long term groundwater levels estimates (based on climatic and bores data)
 - Determined groundwater control level across the Facility (14m and 15m AHD) to take off the seasonal highs
- Phase 2 Works:
 - Detailed modelling and design works for the groundwater control system
- Ensure a minimum separation distance of 1.5m from base of leachate/surface water ponds and controlled groundwater level



21

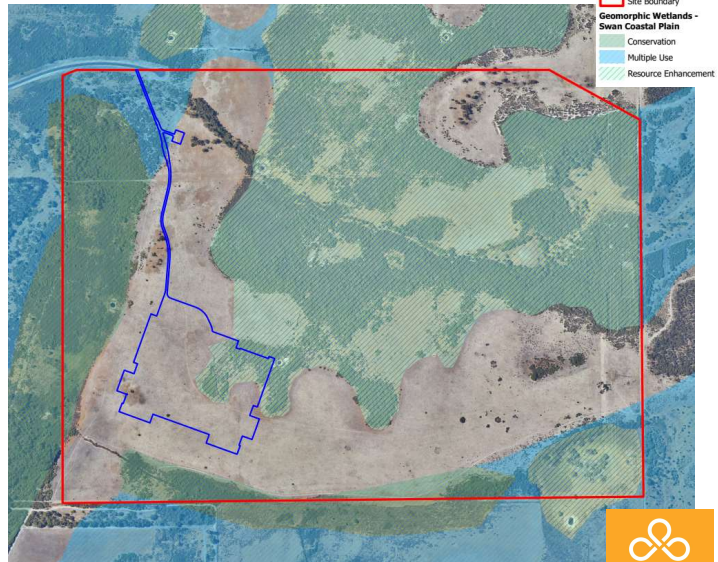
Groundwater Controls



22

Clearing Permit

- Siting and Design to eliminate/minimise clearing of native vegetation/wetlands
- Or if clearing was required, degraded condition vegetation only
- 50m buffers surrounding all wetlands (bar minor area in north-eastern corner)
- Fence to be established along buffer to minimise future impacts
- Bushfire Asset Protection Zone 50m – means in excess of 100m wetland buffer in most areas



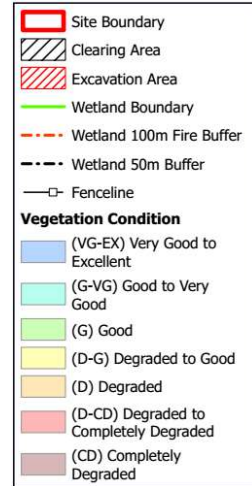
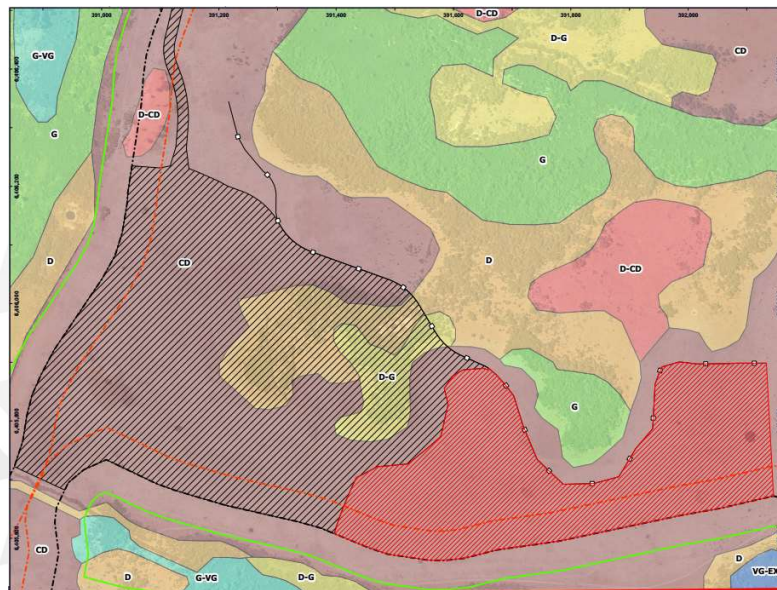
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Clearing Permit



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Clearing Permit



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Clearing Statistics

- 96% of clearing to be between areas of Completely Degraded and Degraded condition
- 4% of clearing in areas of Degraded to Good condition

Vegetation Condition	Proportion of Site		Proportion of Clearing Area	
	ha	%	ha	%
Completely Degraded	123.14	45.71	39.28	86.31
Completely Degraded to Degraded	17.85	6.62	-	-
Degraded	35.95	13.34	4.23	9.30
Degraded to Good	27.31	10.14	2.00	4.39
Good	51.89	19.26	-	-
Good to Very Good	7.74	2.87	-	-
Very Good to Excellent	5.56	2.06	-	-



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Odour

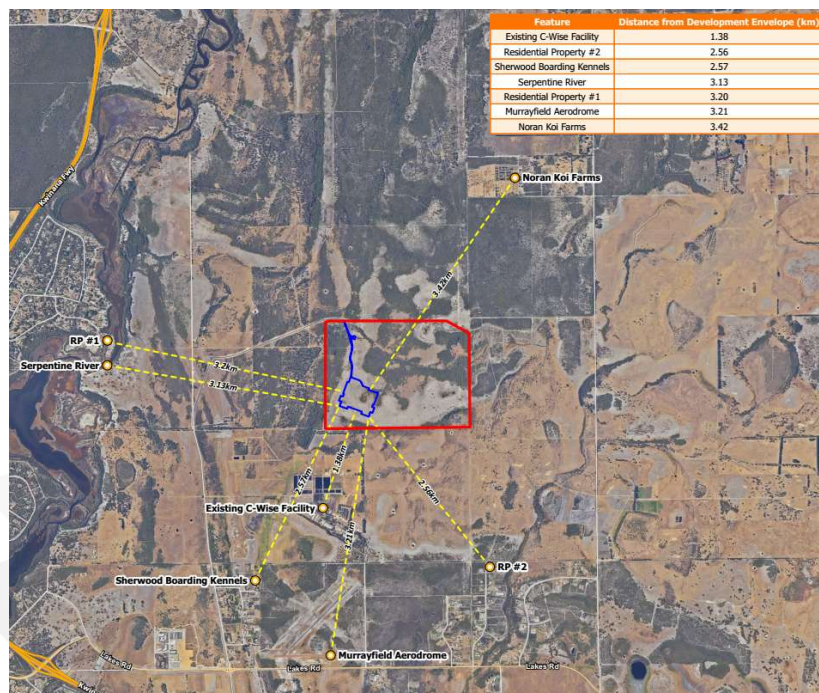


- Odour recognised as a key environmental factor for similar facilities
- John Hurley of Environment and Air Quality (EAQ) been involved in the project to date and currently undertaking Odour Impact Assessment
- Nearest residential dwellings – 2.5km south-east & 3.2km west
- Key focus on main potential odour sources:
 - Receival hall enclosed with ventilation system for air exchange
 - Cocoons – enclosed force aeration system with air extraction passed through to MAF system in the maturation process
 - MAF – 3+ maturation processes to support optimum composting conditions
 - High risk leachate and liquid waste – fully enclosed tank farm
- Odour impact assessment will include suitable conservatism in the modelling works and provide design and operational guidance.



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Odour



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Other Environmental Factors



Aspect	Management Measures
Weeds	Implementation of the Weed Management Plan Buffers to surrounding environment
Fire	Bushfire Management Plan Bushfire Emergency Plan Bushfire Risk Management Plan
Fire Wash Water	Managed through leachate management system
Noise	Enclosed & roofed receival & processing activities Operations limited to daylight hours
Dust	Hardstands, covered loads, speed limit controls



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Other Environmental Factors



Aspect	Management Measures
Vermin and Feral Animals	Clean floor policy implemented in the Receival Building
Acid Sulfate Soils	Siting and compliance with DWER's Treatment and Management of Soil and Water in Acid Sulfate Soil Landscapes
Litter	Covered loads, enclosed Receival Building, clean floor policy, regular collections
Security	Signage and fencing, locked buildings
Traffic	Traffic Impact Assessment



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Stakeholder Engagement



- Engagement with a variety of Key Stakeholders
 - Department of Water and Environmental Regulation
 - Department of Biodiversity, Conservation and Attractions
 - Shire of Murray
- Members of the Community
- Standalone Community Consultation report:
 - Consultation undertakings
 - Feedback obtained and responses from C-Wise and Consultants



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Approvals Underway



- Native Vegetation Clearing Permit – submitted in November
- Works Approval
 - Documentation about to be finalised – to be submitted this week
 - Time Limited Operations (180 days)
- Development Approval
 - Planning consultancy working on finalising the application – to be submitted in early December
 - Joint Development Assessment Panel pathway with statutory 90-day assessment timeframe
- Aim to secure all approvals by March 2024



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Approval Documentation



DOCUMENTS	CONSULTANT
Environmental Assessment and Management Plan	Talis
Conceptual Designs	Talis
Surface Water and Leachate Management Plan	Talis
Detailed Pond Designs	Talis
Ponds Technical Specification	Talis
Ponds CQA Plan	Talis
Traffic Impact Statement	Talis
Community Engagement	Talis
Odour Impact Assessment	Environment & Air Quality
Bushfire Management Plan	Bushfire Prone Planning
Bushfire Emergency Plan	
Bushfire Risk Management Plan	
Groundwater Levels Study	WSP
Groundwater Control Design Report	WSP
Planning Application	Altus Planning



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QUESTIONS

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APPENDIX C

Feedback Form

C-Wise EKD Carbon Recycling Facility: Community Feedback Form

C-Wise wishes to engage the local community and stakeholders early in the project and has therefore prepared this form as an invitation to participate in the various consultation activities.

If you would like the opportunity to provide some feedback, please take a moment to complete the Survey below. The survey will only take a minute and provides an opportunity to share your own thoughts and queries. Your input is valuable to us.

Community Feedback	
Name:	
Email:	
Do you support composting and the recycling of organic materials?	
Do you think that the EKD project aligns with the Stage Government's Waste Avoidance and Resource Recovery Strategy 2030?	
Do you use compost generated from recycling facilities?	
C-Wise has obtained funding from the State Government for this project recognising the importance to achieve the State Waste Strategy targets as well as local benefits it will bring (such as employment and industry development). Are there additional benefits that you feel the project can bring to the area?	
C-Wise and its consultancy team has delivered a range of specialist studies for the project including Odour, Groundwater, Stormwater and Leachate, and Bushfire. These were identified as the key environmental factors associated with the development. Do you agree with this view, or are there other factors that you feel should be considered?	
Do you have any additional comments or concerns relating to the project that you wish to raise?	
Do you wish to be further consulted in relation to this project in the future?	

C-Wise EKD Carbon Recycling Facility: Online Feedback Form

C-Wise wishes to engage the local community and stakeholders early in the project and has therefore prepared an online website as an invitation to participate in the various consultation activities.

If you would like the opportunity to provide some feedback, please take a moment to complete the Survey via the QR Code below. The survey will only take a minute and provides an opportunity to share your own thoughts and queries. Your input is valuable to us.





Assets | Engineering | Environment | Noise | Spatial | Waste

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