Project Information Booklet - Distributed from 28 March 2022



PROPOSAL OVERVIEW

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will contribute to the strength fort Kembla as an internation objectives outlined in the IIav Regional Plan 2041



WHAT IS PROPOSED

- HALT IS ENDPOSED
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HOW CAN I HAVE MY SAY?

committed to engaging with the community and other stakeholders throughout the planning and opportunities for people to have their say about various issues during the preparation of the Envir nd when the EIS is placed on public exhibition. essment process. There mental impact Statement We're will be



ABOUT MANILDRA GROUP

Manildra Group is a family-owned Australian company established in 1952 and today owns and operates world-class manufacturing sites in regional New South Wales.

Manildra Group is one of the largest exporters of food and industrial products in containers through Sydney's main port, and domestically delivers it's products to more than 5,000 locations.

Manikina Group is Australia's leading producer of ethanol used in food and beverages, pharmaceuticals and personal area, industrial applications and biofuels. Manikina Group's ethanol is made from 100 par cent Australian-grown, GMO these wheat and is produced at their Shorthawn Structure at in its Domatein, New South Weles.

Manildra Group produces a range of food and industrial products including flours, bakery mixes, sugars, oils, gluten, starches, syrups (glucces), animal stockfeed and ethanol for domestic and global customers.



Site office Loading & unicading gantry Nitrogen tank Landscaping area

Proposed car park

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The proposed facility has been designed to conform to Australian and International Standards to ensure that the terminal is structurally sound, safe to operate and friendly to the environment and the local community.

The road tarker in-loading and out-loading will be conducted in bays which are bundled (concrete retaining walls and floors to contain epillage) and be automated as that truck drivers corring to alse an operate be system. Filling of the ISO tarks famils mounted in a shipping container sized frame), will require additional overation to moment the process.



HOW WE CARE FOR THE ENVIRONMENT

- All areas where product is handled are bundled in
- All areas where product is handled are funded in accordance with Australian Standards. Sommater in the bords will be stead. Water containing ethanol will be tested. Water does negociation, Cale water will be pumped to it atormwater cond. Sommater rund from the site will enter the outer harborr via gross polution traps (gross polution). Tark filling, road tarker and ISO tark filling system include vapor collection. Maintenace and inspection procedures for all equipment and collection. The terminal will inquire a lence to partial toises by the NSVETA, exulting that devironmental requirement will be adhered to. maderry ed to the

Harbour Tank farm Fire fighting tanks Foreshore road Truck entrance gate 1

ABOUT THE SHIP LOADING SYSTEM .



- A trained crew will attend while ships are being loaded. During ship loading operations a trained operator will "walk the pipeline regularly and continuously monitor operations.

ABOUT THE STORAGE TANKS

- The design of the six storage tanks includes: 4 million litre capacity, 16.5 m diameter with a 20 m wall
- height.
- height. Starliess steel construction (painted exterior). Fire fighting foam that can be added above liquid level in the tank in the event of a file. Nicrogen above the ethanol in the tank to prevent ignition. Pressure and vacuum relief valves and emergency file relief. Radar level guage with an independent high-level trip to prevent overfil.

- Concrete bunding in accordance with Australian Standards

ABOUT THE FIRE PROTECTION AND DETECTION SYSTEM

- The proposed fire detection and protection systems include:
- Leak detection

- Leak detection. Film extinguishers and hose reals. Automatic form datage in high fire tick areas. Two firewater pumps, each supplet by a dedicated tank that supplies firewater to hydrants, monitors and water spiniklers for the terminal. Water and form released during firefighting will be contained in the bunds and pumped to the 'stops tanks' to be processed at the Shoahawan Starthen Safety. Firefighting monitors will be also installed on Berth 206.

15 FULL TIME EQUIVALENT ONGOING JOBS

40 YEARS OPERATIONAL LIFE

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WHERE IS THE PROPOSAL AT NOW AND WHAT HAPPENS NEXT?

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The Proposal recently completed a Scoping phase which is the first step in the NSW Government's planning assessment process. During the Scoping phase, we work with the technical experts to identify the possible environmental, economic and social impacts of the Proposal.

The Scoping Report information

vas provided to the Department

of Planning, Industry and Environment (DPIE). The DPIE used this information to issue the Secretary's Environmental Ass ints (SEARs). Then SEARs tell us what we need to do to progress the Proposal and what consultation is needed so we can lodge an Environmental Impact Statement (EIS).

12 MONTHS APPROX. CONSTRUCTION

We are now working with more technical experts to develop the EIS. An important part of the EIS phase is talking to the community and other stakeholders to hear what concerns they have about the Prop

THE PLANNING Proposal Announceme Proposal announced and pro (1) ct overview distributed to the AND ASSESSMENT PROCESS Scoping Report Community kick-off w rkshops held to inform scoping phase and key stakeholder mei SEARs Issued Planning Secretary's Environmental Assessment Require (SEARs). Preparation of the EIS al studies to inform the nunity engagement and technical nmental Impact Statement (EIS). COMMUNITY ENGAGEMENT EIS Released The EIS is placed on public exhibition for agency and co Response to Submissions Manildra Group addresses commen in Response to Submissions report. • nts and issues raised about the EIS Assessing the Proposal The Department of Planning, Industry and Environment as Proposal and makes a recommendation. 0 Determination of the Proposal The Minister of the Independent Flanning Commission dete outcome of the Proposal. 4

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Survey Instrument - Hosted from 28 March to 29 April

A little bit about you

Name: [NOT MANDITORY]

Email: [IF YOU WOULD LIKE TO RECEIVE PROJECT UPDATES]

Location/address: [OK TO JUST GIVE STREET NAME AND SUBURB]

Age:

How do you best describe your household?

- a) Single
- b) Married with children
- c) Married with no children
- d) Defacto relationship
- e) Shared house

How long have you lived in the area?

A little bit about the proposal

- 1. Thinking about living in the area, what are your major concerns? [You can select more than one]
- a) Unemployment
- b) Housing affordability
- c) Education facilities
- d) Other [please list]
- 1. Please tell us what you like about living in the Port Kembla area?

[OPEN RESPONSE FIELD]

2. What do you think the important characteristics are?

[OPEN RESPONSE FIELD]

- 3. Have you heard about the Manildra Groups proposal to build and operate a beverage grade ethanol storage and handling facility on Foreshore Road at Port Botany?
- a) Yes have heard a lot
- b) Yes have heard a little
- c) No have heard nothing
- 4. If answer yes to a or b above, based on what you have heard, what are your initial thoughts about the proposal?

[OPEN RESPONSE FIELD]

- 5. The Manildra Group are proposing to construct six four-megalitre (ML) ethanol storage tanks and two 300mm diameter pipelines. Associated administration buildings, gantry structures, landscaping and carpark are also a part of the proposal. What is your initial reaction to this concept?
- •
- a) Extremely concerned
- b) Moderately concerned
- c) Somewhat concerned
- d) Not at all concerned
- 6. What is the basis to your concern?

[OPEN RESPONSE FIELD]

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- 7. Do you think the proposed development would have any impact on or changes for the local area? What sort of impacts or changes? What are your views of that?

[OPEN RESPONSE FIELD]

- 8.
 - What is the best way to communicate with you?
 - a) Letter box drop
 - b) Email updates
 - c) Local newspaper advertisements
 - d) Social media
 - e) Other [please list]
- 9. Do you have any questions about the proposal that you would like the Manildra Group to respond to?

[OPEN RESPONSE FIELD]

- •
- 10. Would you like to stay up to date about the Manildra Group's proposal at Port Kembla?
 - a) Yes, please add me to a mailing list (insert email here)
 - b) No thank you

YOU ARE INVITED TO TAKE PART IN AN ONLINE **COMMUNITY WORKSHOP AND SURVEY**

PROPOSED MANILDRA GROUP ETHANOL BULK LIQUIDS FACILITY AT PORT KEMBLA

Register to participate in an online information session and workshop to contribute to the preparation of an Environmental Impact Statement (EIS) for a state significant proposed ethanol bulk liquid facility to be constructed at a 1.78ha site on Foreshore Road, Port Kembla.

DATE: Tuesday 26 April 2022.

MANILDRA GROUP 100% AUSTRALIAN OWNER

TIME: 6.30pm.

TECHNICAL NEEDS: All participants will require access to the internet and Zoom.

HOW TO PARTICIPATE:



Register to participate in the workshop by using the below QR code.



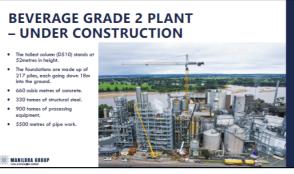
You can also complete the online survey by using this QR code.

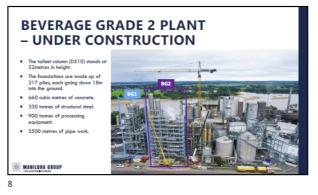


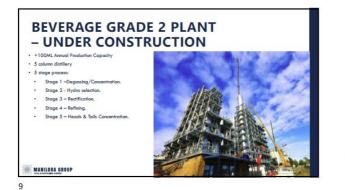
You can also call us toll-free 1800 266 076 or email us at manildracommunity@spectrumcomms.net.au



















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STORAGE TANKS

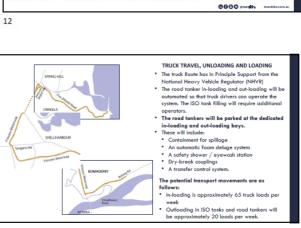
- The design of the storage tanks includes the following: 4 million litre capacity, 16.5m diameter with a 20m wall height (designed to API 620) Stahles steel construction (painted exterior) Frangible roofs

- Frangible roofs
 Pressure and vacuum relief valves plus emergency fire relief as per the requirements of
 AS1940
 Nitrogen padding above the liquid to minimise any potential risk of an internal explosion. Also
 used to exclude any contamination of the final product.
 Foam piped into the tanks above max liquid level, i.e., via foam pourers
 Radar level gauge with an independent high level trip (to prevent overfill)
 All tank control functions will be PLC (programmable logic controller) controlled
 Concrete bunding (capacity as per AS1940).

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SHIP LOADING

- Stirt DADING The ship loading system will have the following features: 1 Two 300mm stakes sheel pipes will run to berth 200, one pipe will be for product delivery and the other will be for system flushing and returning left over product to the Terminal 4 After loading is complete, ethand will be removed from the pipes by using nitrogen to puth "pipe" through the pipes, leaving the pipes nitrogen padded 4 House being connected to ships will have dry break couplings to minimise spillage 8 Berth 206 is bunded to collect product spills 4 A trained crew will attend while ships are being loaded. This crew will set up, operate and pack up the equipment for ship loading including dearing up any minor spillages. During ship loading operations a trained operator will "walk" the pipeline then continuously monitor operations
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CARING FOR THE ENVIRONMENT

- Provisions for protecting the environment include: All cross where product is handled or bundled in accordance with Australian Standards Stormwater in bunds will be tested for ethanol, if ethanol is present, they will be pumped to the "slops" tooks for recycling, if they are clean water they will be pumped for release to the harbour Stormwater runoff from the site will enter the outer harbour via gross pollutant trops Tank filling, road tanker and ISO bunk. filling systems include vapour collection All requirements of the NSW Ports Development Code will be met, these include conditions regarding the bulk environment The Terminal will require an EPA Licence to Permit the facility to operate, ensuring that Environmental Regulations will be observed.

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RISK PROFILE



- comulative risk and environmental risk is also concluded to be acceptable The primary reasons for the low risk levels from the terminal are that significant levels or radiant heat from potential fires are contained on-site and the relatively large separation distances between the potential hozardous event locations and the nearby industries and residential areas.



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Ph: 1800 266 076 Email: manildracommunity@spectrumcomms.net.au

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WHAT ARE THE POTENTIAL IMPACTS OF THE PROPOSAL?

As part of the assessment process, a variety of technical studies will be carried out to determine the Proposal's potential environmental issues. These technical studies will address:

- Aboriginal and non-Aboriginal heritage
 Noise and vibration Air quality and odour
 Biodiversity
 Flooding
 Hazard Analysis nazard Analysis
 Greenhouse gases and climate change
 Nazards and risks
 Varafic, transport and access
 Waste
 Lond corbarnination
 Land use
 - Socio-economic
 Soils and geology
 Surface and groundwater

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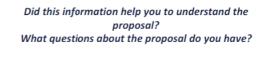
FIRE DETECTION & PROTECTION

- The proposed fire detection and protection systems include:
- Leak detection at the pumps Foam pourers to the tanks (above liquid level)

- Form pourers to the tonks (above liquid level)
 Fire exitinguiders and hose reels
 Automatic foam delaye at the transfer bays and over the pumps
 Two firewater pumps, each supplied by a dedicated tank, supplying firewater to hydrants, monitors and water spinklers as per the Australian Standards for terminals and berths
 Firewater in the tank form will be contained in the bunds and pumped to the slops tank for offsite disposal of the Shachkares Bistraches facility.
 Fire fighting monitors on berth 206.

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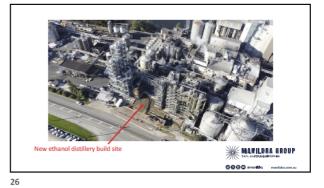


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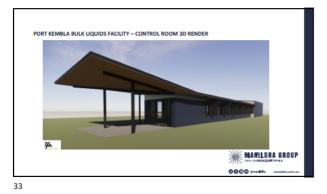








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