

**THIS NOTICE ONLY APPLIES WHERE AN OPERATIONAL
DEVELOPMENT CONSENT HAS BEEN GRANTED**

SHOALHAVEN WATER
(A Group of Shoalhaven City Council)

DEVELOPMENT APPLICATION NOTICE

(This Notice is given under Section 306 of the Water Management Act 2000)

Applicant's Name	Manildra Group (Brian A Hanley)									
Applicant's Address	PO Box 123 Nowra 2541									
Development Type	Ethanol Plant Upgrade									
Stage	Based on construction of components as detailed									
House No.	-									
LOT No.	A & B	B	1	1	62	201	A	142	5	2
DP	FP3345 11	FP3764 94	38514 5	83875 3	10787 88	10626 68	37138 6	1069758	82580 8	53828 5
Section	-									
Parish	Bunberra									
Street	Bolong Rd									
Location/Town	Bomaderry									
File No.	3A07/1008	MOD 13	MOD 14	MOD 15	MOD 16					
Date Completed	4/5/2009	22/9/2017	28/2/2018	5/4/2018	8/10/2018					

- The notes, conditions/requirements (including fees/charges) listed on subsequent page/s are based on the Development Application referral or written application for a Certificate of Compliance, submitted to Shoalhaven Water on: **28/1/2009, 24-9-2015, 24/6/2016, 2/11/2016, 14/11/2016, 15-12-2016, 20/9/2017, 20/2/2018, 15/3/2018 and 26/9/2018**

Please note:- Contributions/fees/charges payable will be those applicable at the time of payment and in accordance with Council's then current Management Plan (List of Council's Fees of Charges and Rentals).

- Any alterations whatsoever to the development will require review of the conditions/requirements listed and may require subsequent amendment.
- If staging of the development is to occur application for amended conditions/requirements will be required in writing to Shoalhaven Water.
- Where conditions stated on this NOTICE under "PRIOR TO ISSUE OF CONSTRUCTION CERTIFICATE" are required to be complied with no construction works are to commence without written consent from Shoalhaven Water.
- The applicant must certify the completion of all the following conditions/requirements prior to the granting of a Certificate of Compliance under Section 307 of the Water Management Act 2000.

Documentation/receipts/etc supporting each claim against the conditions/requirements listed in this Notice are to be submitted with this Notice to enable determination by the Water Supply Authority prior to the granting of a Certificate of Compliance.

- For further information please contact Shoalhaven Water.

No	Conditions/Requirements	(Please Initial)	
		Applicant's Certification	S/Water's Confirmation
<p>In accordance with 3A approval MP06_0228 this notice has been separated into components of work to be undertaken in the following sequence: Stage 1 - Starch Plant, Ethanol Plant, Bio-scrubber Vessel, Environmental Farm, Methane Pipeline & Electrical Line, Fire System Shed and Reservoir Tank and Grain Plant followed by Stage 2 - DDGS Plant, Packaging Plant, Gas Fired Boiler, Packaging Plant Pipeline followed by Stage 3 - Gas Fired Co-generator and Treated Water Pipeline from Paper Mill. Any modification to the order of events will require review by Shoalhaven Water.</p>			
<p>Non domestic waste shall not be discharged to Council's sewer system.</p>			
<p>Any works associated with access to the development which impacts upon Shoalhaven Water's assets (eg. unsatisfactory cover requirements) shall be at the developer's expense. All plans and specification of proposed works shall be submitted to Shoalhaven Water for determination.</p>			
<p>PRIOR TO ISSUE OF CONSTRUCTION CERTIFICATE FOR STAGE 1 - Starch Plant, Ethanol Plant, Bio-scrubber Vessel, Environmental Farm, Methane Pipeline & Electrical Line, Fire System Shed and Reservoir Tank and Grain Plant.</p>			
<p>GENERAL</p>			
1	Applicant shall submit in writing to Shoalhaven Water the name and contact details of the certifying authority for matters relating to the issue of a Construction Certificate.		
<p>SEWERAGE SERVICES</p>			
2	Access to sewage pumping station (SPS) No. 7 is impacted by the proposed left hand turning lane into the package plant. The applicant shall consult with Shoalhaven Water in respect of access and exit requirements for the normal operation and maintenance of SPS No. 7 (along Bolong Rd). Subject to the outcomes of consultation, Shoalhaven Water may require additional land to be provided by the applicant/developer for the proper/normal operation and maintenance of SPS No. 7. Shoalhaven Water shall provide a determination on the needs for proper/normal operation and maintenance of SPS No. 7. The applicant shall provide the outcomes of Shoalhaven Water's determination.		
3	A Trade Waste application including an internal drainage diagram and other supporting documentation as required and listed on the form shall be lodged with Shoalhaven Water.		
<p>WATER SERVICES</p>			
4	A qualified and certified person shall undertake a survey for a backflow device for site containment and the results of the survey shall be lodged with Shoalhaven Water.		

5	The water service/s and meter/s for the development shall be sized by a suitably qualified person in accordance with AS 3500 Plumbing & Drainage Standard and will be subject to application. Copies of sizing calculations are to be submitted to Shoalhaven Water at the time of application.		
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DURING CONSTRUCTION OF WORKS

WATER SERVICES

5A	Where approval is granted for a metered water service to connect to the water supply system the developer/applicant shall be pay for the approved metered service (prior to works being carried out) and the work shall be undertaken by Shoalhaven Water.		
6	If required an approved backflow prevention device (as approved by Shoalhaven Water) shall be fitted by the developer, tested and registered with Shoalhaven Water.		

SEWER SERVICES

7	The developer shall enter into an agreement with Shoalhaven Water and abide by all conditions that may be imposed of any trade waste approval granted in respect of the application.		
8	<p>Subject to condition 2, Shoalhaven Water requires additional land to be dedicated to Council adjacent to lot 1 DP 538289 for the purposes of operating a sewage pumping station.</p> <p>The applicant/developer shall submit to Council a Development Application (DA) – Subdivision; for land as agreed to by Shoalhaven Water, to be transferred to Shoalhaven City Council (Shoalhaven Water) for the operation of pumping station No. 7.</p> <p>The applicant is subject to the subsequent DA consent of that development application.</p> <p>All costs associated with that DA and the creation of the new lot shall be at the applicant's/developer's expense.</p> <p>The land shall be transferred to Council within nine (9) months of the applicant receiving a Construction Certificate for the construction of road works and/or the packaging plant.</p>		

PRIOR TO ISSUE OF OCCUPATION CERTIFICATE

9	Satisfy all conditions, complete and submit this Notice (including lodgement of all documentation/receipts etc) to Shoalhaven Water.		
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DURING ALL STAGES

10	All works are to be at the developer's expense.		
11	Non domestic waste shall not be discharged to Council's sewer system.		

ADVICE TO APPLICANT

- **Note:- GST is not applicable to Developer Contributions and the provision of metered water services.**
- All non strata and non residential properties (**incl. dual occupancies**) will be levied water and wastewater availability charges (where applicable) based on the size and number of the water meter service connection/s. For further information regarding water and wastewater availability charges please contact Shoalhaven Water on 4429 3547.
- Where direct payment into Council's banking account has been made by the applicant, appropriate details must be provided (eg. DA No., stage, what type of payment, etc) in order for the payment to be processed. **A hard copy of the receipt (payment details) MUST be provided by the applicant to Shoalhaven Water where a Construction Certificate and/or Certificate of Compliance is requested.**
- If it is contemplated to Strata subdivide the property in the future it is recommended that the internal water lines within the property be arranged such that multiple metering (one meter per dwelling/unit/villa) can be easily installed at the time of subdivision.
- Properties are categorised and charges levied for water and sewerage services based on a number of factors including the nature and use of premises to which the services are provided. A change of category may cause different water/sewerage/trade waste charges to be levied as a consequence of this approved development. Applicants are advised to contact Shoalhaven Water for further details of the ongoing fees and charges.
- **Shoalhaven Water undertakes the installation, modification and maintenance of all metered or unmetered services which are connected directly to the mains within the Shoalhaven Local Government area. Unless approved in writing by Shoalhaven Water it is an offence under the Local Government Act to tamper with any metered service or fittings owned and operated by Shoalhaven Water.**

This completed Notice is hereby submitted for the granting of a Certificate of Compliance under Section 307 of the Water Management Act 2000. **All documentation/receipts/etc supporting my claim against the above requirements is attached.**

Applicant's
Name
(Please Print)

Applicant's
Signature

Date

/ /

Shoalhaven Water acknowledges all conditions/requirements as set out in this Notice have been satisfied.

Council Officer

Date

/ /

No	<i>Conditions/Requirements</i>	(Please Initial)	
		Applicant's Certificatio n	S/Water's Confirmation
	In accordance with 3A approval MP06_0228 this notice has been separated into components of work to be undertaken in the following sequence: Stage 1 - Starch Plant, Ethanol Plant, Bio-scrubber Vessel, Environmental Farm, Methane Pipeline & Electrical Line, Fire System Shed and Reservoir Tank and Grain Plant followed by Stage 2 - DDGS Plant, Packaging Plant, Gas Fired Boiler, Packaging Plant Pipeline followed by Stage 3 - Gas Fired Co-generator and Treated Water Pipeline from Paper Mill. Any modification to the order of events will require review by Shoalhaven Water.		
	In addition to concerns in respect of part of the proposed development being constructed over the sewer rising main, it is also necessary to maintain satisfactory cover over the main in both trafficable and non-trafficable areas. Refer following conditions <u>14 and 15</u> .		
	Non domestic waste shall not be discharged to Council's sewer system.		
	Any works associated with access to the development which impacts upon Shoalhaven Water's assets (eg. unsatisfactory cover requirements) shall be at the developer's expense. All plans and specification of proposed works shall be submitted to Shoalhaven Water for determination.		

PRIOR TO DEMOLITION WORKS			
SEWERAGE SERVICES			
A	<p>The sewer junction shall be protected from debris entering the sewerage system. Disconnection of sewer drainage line which serves the building to be demolished shall be disconnected prior to the commencement of demolition works. This may be permitted within Lot 201 near the boundary or at a location approved by Shoalhaven Water's inspector to ensure the normal operation of the internal sewer drainage system to the other building NOT being demolished can continue to be served.</p> <p>A Shoalhaven Water inspector shall confirm that the internal sewer drainage system has been capped off prior to demolition commencing. Two working days notice shall be provided. Inspection charge rates are \$85.00/hr and \$0.78/km travelling (2017/18).</p>		
WATER SERVICES			
B	<p>The existing metered service may remain in service, however the pipework downstream of the meter (& after the backflow device) which serves the building to be demolished shall be disconnected prior to the commencement of demolition works.</p> <p>A Shoalhaven Water inspector shall confirm that the meter has been disconnected. Two working days notice shall be provided. Inspection charge rates are \$85.00/hr and \$0.78/km travelling (2017/18).</p>		

PRIOR TO ISSUE OF CONSTRUCTION CERTIFICATE FOR STAGE 2 - DDGS Plant, Packaging Plant, Gas Fired Boiler, Packaging Plant Pipeline			
GENERAL			
12	Applicant shall submit in writing to Shoalhaven Water the name and contact details of the certifying authority for matters relating to the issue of a Construction Certificate.		
SEWERAGE SERVICES			
13	<p>The plans submitted show the existing 100 diameter AC sewer rising (pressure) main under the proposed plant. Part of the proposed development (Packaging plant) is located over, and within the Zone of Influence of Council's sewer rising main. Shoalhaven Water does not permit the construction of any structures over sewer rising mains.</p> <p>The applicant shall submit to Shoalhaven Water site survey information (by Registered Surveyor) showing the proximity (vertical and horizontal) of the sewer rising main to the proposed building additions together with Engineer's details, verifying site soil conditions and showing proposed sewer relocation proposal/s. Shoalhaven Water shall assess the submitted information and make a determination on it.</p>		Plans submitted and approved 25/5/16
14	The applicant shall consult with Shoalhaven Water prior to detailed design and advise in writing of any proposed future expansion of the package plant and potential impact of these future works on the proposed relocation route of the sewer rising main.		
15	Engineer's details for proposed "cut" and "fill" in the vicinity of the existing/proposed sewer main/s, showing proposed finished surface levels and clearances to the existing/proposed sewer main (long section), are to be submitted to Shoalhaven Water for approval of the proposed cover over the main.		
16	A qualified and certified person shall undertake a survey for a backflow device for site containment and the results of the survey shall be lodged with Shoalhaven Water.		
17	A Trade Waste application including an internal drainage diagram and other supporting documentation as required and listed on the form shall be lodged with Shoalhaven Water.		
18	Lot 16 DP 1121337 (proposed Packaging Plant) is currently served by sewer junction (SJ15.2) locate in the north western corner of the lot. The proposed development may not adequately drain to this junction, therefore the developer shall provide a complete Council owned sewage pressure sewer unit and rising main to serve the development. The minimum cost for a Council owned pressure sewer unit is \$9,339.00 (2017/18) (single simplex unit) plus additional cost for sites which require design and/or difficult terrain and/or rock conditions.		

	The applicant shall write to Shoalhaven Water to obtain a final cost for the installation of the pressure sewer units for each property.		
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PRIOR TO ISSUE OF CONSTRUCTION CERTIFICATE FOR STAGE 2 - DDGS Plant, Packaging Plant, Gas Fired Boiler, Packaging Plant Pipeline – CONTINUED

WATER SERVICES

19	The water service/s and meter/s for the development shall be sized by a suitably qualified person in accordance with AS 3500 Plumbing & Drainage Standard and will be subject to application. Copies of sizing calculations are to be submitted to Shoalhaven Water at the time of application. The connection point shall be determined by Shoalhaven Water and is subject to the submitted information by the applicant.		
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PRIOR TO COMMENCEMENT OF ANY DEVELOPMENT WORKS

SEWERAGE SERVICES

20	The applicant/developer shall provide a 4.0m wide exclusion zone over the existing rising main and new rising main location once constructed and accepted by Shoalhaven Water as operational. No heavy plant or vibrating plant or equipment shall be permitted to operate within the exclusion zone.		
21	The exclusion zone/s shall be marked out by a register surveyor. The applicant/developer shall provide suitable barriers during the construction period. The applicant/developer shall ensure the barriers are maintained at all times.		
22	The applicant/developer shall be granted one point over each rising main to cross over. The applicant shall submit a plan of its proposed locations to Shoalhaven Water for assessment and approval. Shoalhaven Water may require additional protection of the sewers at the approved crossing points.		
23	The applicant/developer shall install and maintain the approved crossing point/s until Shoalhaven Water advises otherwise.		
24	Shoalhaven Water requires that the applicant relocate Council's sewer rising main as per approved Engineer's details. All interconnection works are to be carried out by Shoalhaven Water staff at the developer's expense.		

DURING CONSTRUCTION OF WORKS

SEWERAGE SERVICES

25	The applicant shall provide a 5m wide easement for sewerage over the line of the relocated sewer rising main. The easement shall be located so that the sewer rising main is located 1.5m from the edge of the proposed easement.		
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26	The developer shall enter into an agreement with Shoalhaven Water and abide by all conditions that may be imposed of any trade waste approval granted in respect of the application.		
27	Arrangements to be made with Shoalhaven Water 6 weeks prior to application for Occupation Certificate for the installation of the sewage pump station unit, control panel & associated works and the unit tested.		
28	During construction a separate electrical circuit is to be provided for the sewage pressure sewer unit control panel. The applicant is to contact Shoalhaven Water for advice regarding the location of the control panel.		

WATER SERVICES

29	If required an approved backflow prevention device (as approved by Shoalhaven Water) shall be fitted by the developer, tested and registered with Shoalhaven Water.		
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PRIOR TO ISSUE OF OCCUPATION CERTIFICATE

30	Satisfy all conditions, complete and submit this Notice (including lodgement of all documentation/receipts etc) to Shoalhaven Water.		
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DURING ALL STAGES

31	All works are to be at the developer's expense.		
32	Non domestic waste shall not be discharged to Council's sewer system.		

ADVICE TO APPLICANT

- **Note:- GST is not applicable to Developer Contributions and the provision of metered water services.**
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- **Shoalhaven Water undertakes the installation, modification and maintenance of all metered or unmetered services which are connected directly to the mains within the Shoalhaven Local Government area. Unless approved in writing by Shoalhaven Water it is an offence under the Local Government Act to tamper with any metered service or fittings owned and operated by Shoalhaven Water.**

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Council Officer

Date

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No	<i>Conditions/Requirements</i>	(Please Initial)	
		Applicant's Certificatio n	S/Water's Confirmation
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Any works associated with access to the development which impacts upon Shoalhaven Water's assets (eg. unsatisfactory cover requirements) shall be at the developer's expense. All plans and specification of proposed works shall be submitted to Shoalhaven Water for determination.			

PRIOR TO ISSUE OF CONSTRUCTION CERTIFICATE FOR STAGE 3 - Gas Fired Co-generator and Treated Water Pipeline from Paper Mill			
GENERAL			
33	Applicant shall submit in writing to Shoalhaven Water the name and contact details of the certifying authority for matters relating to the issue of a Construction Certificate.		
SEWERAGE SERVICES			
34	A Trade Waste application including an internal drainage diagram and other supporting documentation as required and listed on the form shall be lodged with Shoalhaven Water.		
WATER SERVICES			
35	A qualified and certified person shall undertake a survey for a backflow device for site containment and the results of the survey shall be lodged with Shoalhaven Water.		
36	The water service/s and meter/s for the development shall be sized by a suitably qualified person in accordance with AS 3500 Plumbing & Drainage Standard and will be subject to application. Copies of sizing calculations are to be submitted to Shoalhaven Water at the time of application.		

DURING CONSTRUCTION OF WORKS			
WATER SERVICES			
37	If required an approved backflow prevention device (as approved by Shoalhaven Water) shall be fitted by the developer, tested and registered with Shoalhaven Water.		
SEWER SERVICES			
38	The developer shall enter into an agreement with Shoalhaven Water and abide by all conditions that may be imposed of any trade waste approval granted in respect of the application.		
PRIOR TO ISSUE OF OCCUPATION CERTIFICATE			
39	Satisfy all conditions, complete and submit this Notice (including lodgement of all documentation/receipts etc) to Shoalhaven Water.		
DURING ALL STAGES			
40	All works are to be at the developer's expense.		
41	Non domestic waste shall not be discharged to Council's sewer system.		

ADVICE TO APPLICANT

- **Note:- GST is not applicable to Developer Contributions and the provision of metered water services.**
- All non strata and non residential properties (**incl. dual occupancies**) will be levied water and wastewater availability charges (where applicable) based on the size and number of the water meter service connection/s. For further information regarding water and wastewater availability charges please contact Shoalhaven Water on 4429 3547.
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- If it is contemplated to Strata subdivide the property in the future it is recommended that the internal water lines within the property be arranged such that multiple metering (one meter per dwelling/unit/villa) can be easily installed at the time of subdivision.
- Properties are categorised and charges levied for water and sewerage services based on a number of factors including the nature and use of premises to which the services are provided. A change of category may cause different water/sewerage/trade waste charges to be levied as a consequence of this approved development. Applicants are advised to contact Shoalhaven Water for further details of the ongoing fees and charges.
- **Shoalhaven Water undertakes the installation, modification and maintenance of all metered or unmetered services which are connected directly to the mains within the Shoalhaven Local Government area. Unless approved in writing by Shoalhaven Water it is an offence under the Local Government Act to tamper with any metered service or fittings owned and operated by Shoalhaven Water.**

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Applicant's
Name
(Please Print)

Applicant's
Signature

Date

Shoalhaven Water acknowledges all conditions/requirements as set out in this Notice have been satisfied.

Council Officer

Date

USE OF FORMER PAPER MILL SITE IN CONJUNCTION WITH SHOALHAVEN STARCHES FACTORY OPERATIONS

No	<i>Conditions/Requirements</i>	(Please Initial)	
		Applicant's Certification	S/Water's Confirmation
Non domestic waste shall not be discharged to Council's sewer system.			
Any works associated with access to the development which impacts upon Shoalhaven Water's assets (eg. unsatisfactory cover requirements) shall be at the developer's expense. All plans and specification of proposed works shall be submitted to Shoalhaven Water for determination.			

GENERAL			
42	The former Paper Mill site is not connected to Council Sewerage System. All domestic waste shall be disposed of in accordance with septic pumpout requirements.		

**PROPOSED CO² PLANT FORMER DAIRY FARMERS FACTORY SITE AND
SHOALHAVEN STARCHES FACTORY SITE**

No	<i>Conditions/Requirements</i>	(Please Initial)	
		Applicant's Certificatio n	S/Water's Confirmation
Any works associated with access to the development which impacts upon Shoalhaven Water's assets (eg. unsatisfactory cover requirements) within Bolong Road, shall be at the developer's expense. All plans and specification of proposed works shall be submitted to Shoalhaven Water for determination.			

GENERAL			
43	All non domestic waste (ie tradewaste) is to be directed to Manildra Wastewater treatment plant. No tradewaste is to be discharged to Council sewer (via private sewer pump station) unless Liquid Tradewaste Approval has been granted by Shoalhaven Water		Plans & LTW lodged and accepted A.Solari 22/8/2018

PROPOSED NEW SPECIALITY PROCESSING FACILITY, NEW GLUTEN DRYER AND OTHER ASSOCIATED WORKS (KNOWN AS MOD 16)

No	<i>Conditions/Requirements</i>	(Please Initial)	
		Applicant's Certification	S/Water's Confirmation

GENERAL			
44	Applicant is to provide a detailed water cycle analysis showing all water use (raw, recycled and treated) across the site for current and future operations to Shoalhaven Water for assessment.		