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YARRA VALLEY WATER

RECYCLED WATER SUPPLIED BY TANKER

While water restrictions are in force, Yarra Valley Water may agree to make Class B recycled water available to certain customers.

Class B recycled water is wastewater which has been treated only to a certain level. As a result, the Environment Protection Authority (EPA) requires that it can only:

- be supplied to certain types of customers;
- be used for certain limited purposes; and
- be used in accordance with clearly defined guidelines.

It must not be used for other purposes, or in other ways.

This document:

- explains the circumstances in which Yarra Valley Water may agree to supply Class B recycled water;
- sets out the terms of any such agreement between a customer and Yarra Valley Water; and
- provides an application form for a customer to enter into such an agreement.
- when signed by both parties forms the agreement for recycled water supply by tanker



1. Information

Approved uses for Class B Recycled Water

Subject to the terms of any agreement with Yarra Valley Water, the use of Class B recycled water may be approved for the following:

Agricultural or horticultural purposes:

- Irrigating food crops supplied to consumers after processing or cooking for at least 2 minutes at or above 70° C.
- Irrigating certain food crops supplied to consumers raw, where the edible component occurs 1 metre or more above ground.
- Irrigating crops not used for food: for example, woodlots, flowers, turf.
- Irrigating pasture or fodder crops supplied to sheep, goats, horses and, in certain circumstances, cattle, but not to pigs.
- Drinking water for livestock other than pigs.
- Watering plants in wholesale or retail commercial nurseries.

Municipal and community purposes

- Watering trees.
- Watering sporting ovals, racetracks, showgrounds and other grassed areas where public access can be restricted while watering occurs and, in certain circumstances, where public access cannot be restricted.

Construction or industrial purposes

- Suppressing dust.
- Certain other uses, approved in each case by Yarra Valley Water.

Firefighting purposes

- Use for firefighting, other than for training purposes, may be approved where no alternative source of water is available.

Prohibited uses for Class B Recycled Water

Class B recycled water must not be used for any purpose not mentioned in the above list of approved uses. In particular, it must not be used for:

- Irrigating root or above-ground crops supplied to consumers raw, where the edible component occurs less than 1 metre above the ground.

- Any use relating to pigs: for example, drinking water, irrigating grazing land or fodder crops.
- Watering residential or domestic lawn or garden areas.
- Any use for cattle where helminth reduction does not occur.
- Any use inside or around a residence.
- Swimming or other recreational uses.
- Personal hygiene: for example, washing hands.
- Washing vehicles.
- Use involving storage of greater than two days (*may involve special management controls – discuss your requirements with YVW before proceeding*)

Health and Safety requirements

Although Class B recycled water has been treated and disinfected, it must be handled with care, as it may contain pathogenic organisms which are dangerous to humans. In particular, you must:

- avoid unnecessary contact with recycled water;
- wash your hands immediately after any contact with recycled water;
- if recycled water splashes in your eyes, wash them immediately with clean potable water or eye wash solutions;
- not drink recycled water:
- not smoke, drink or eat while you are applying recycled water, or in any area which is wet with recycled water;
- not prepare or wash food, or cook, in recycled water;
- not allow anyone else to come in contact with recycled water.

When Recycled Water will be supplied

If Yarra Valley Water agrees to supply recycled water, that agreement will terminate when the first of the following events occurs:

- (a) 12 months after the day on which Yarra Valley Water agrees to the supply; or
- (b) when all water restrictions imposed under Yarra Valley Waters Drought Response Plan are lifted,

Essential Reading

Before you decide whether or not to apply for a supply of Class B recycled water, you must read each of the following two EPA publications:

- Information Bulletin – Supply of Reclaimed Water for Drought Relief (Publication 887.1). See:

<http://www.epa.vic.gov.au/water/Reuse/drought.asp>

- Guidelines for Environmental Management – Use of Reclaimed Water (Publication 464.2). See:

<http://www.epa.vic.gov.au/water/Reuse/Default.asp>

You should also read any of the following EPA Protocols which relate to the purpose for which you may wish to use Class B recycled water:

- Municipal Garden protocol.
- Dust Suppress protocol
- Crop protocol
- Class B Livestock protocol

Each of these Protocols is available from the following website:

<http://epanote2.epa.vic.gov.au/EPA/publications.nsf/PubDocsLU/887.1?OpenDocument>

You are also encouraged to read:

- Guidelines for Wastewater Irrigation (Publication 168) available from the EPA at a cost of \$16.
- Information Bulletin: Using tankers to supply reclaimed water for drought relief (Publication 887).

EPA documents can either be downloaded from <http://www.epa.vic.gov.au> or purchased from:

EPA Information Centre
HWT Building
Podium Level
40 City Road
Southbank VIC

Tel: (03) 9695 2722

2. TERMS OF AGREEMENT

If Yarra Valley Water accepts your application for a supply of Class B recycled water, each of the following terms will become a term of the agreement between you and Yarra Valley Water.

2.1 Definitions

In this agreement:

application means an application in the form set out in section 4 of this document.

Recycled water means Class B recycled water supplied by Yarra Valley Water under this agreement.

We, us and **our** refer to Yarra Valley Water.

you and **your** refer to the customer to whom Yarra Valley Water agrees to supply Class B recycled water under this agreement.

2.2 Permitted Use

You may only use recycled water:

- (a) for the purpose specified in item section 4 of this document; and
- (b) if an appropriately qualified person has already determined that Class B recycled water is suitable to be used by you for that purpose.

2.3 Prohibited Use

You must not use, or allow any other person to use, recycled water for any other purpose.

2.4 Manner of Use

You must only transport, store and use recycled water:

- (a) in the manner set out in your application;
- (b) in accordance with any special conditions determined by us when we approve your application; and
- (c) in accordance with the requirements set out in:
 - (i) EPA Information Bulletin – Supply of Reclaimed Water for Drought Relief (Publication 887.1)
<http://www.epa.vic.gov.au/water/Reuse/default.asp>
 - (ii) Guidelines for Environmental Management – Use of Reclaimed Water (Publication 464.2)

2.5 Keeping Records

You must keep and maintain a complete and accurate record of the following information about each occasion upon which you receive a supply of recycled water:

- (a) the date of supply;
- (b) the volume supplied;
- (c) the volume of that supply placed in storage;
- (d) the volume of that supply used;
- (e) the site on which that volume was used; and
- (f) the purpose for which that volume was used at each site.

You must allow us to inspect and make a copy of the record you have kept whenever we request to do so.

2.6 Supply Sites & Opening Times

We produce Class B recycled water at each of the following sites:

Lilydale – Nelson Road. (Melway Ref 38-F2)

Brushy Creek – Maroondah Highway, Chirnside Park (Melway Ref 37-C7)

Craigieburn, - Hume Highway (Melway Ref 387-D11)

Whittlesea - Grants Road (Melway Ref 346-F12)

(Not currently available due to existing reuse schemes – expected to have recycled water available from May 2007 but there is no guarantee of this)

You may receive a supply from whichever of these sites we nominate to supply you.

The sites will be open Monday to Friday. Closed on Bank Holidays.

First access to site will be at 0730 hours and the last booking made will be for 1430 hours with the site to be clear by 1500 hours

NB: Contact details for each plant will be provided to you should your application be successful.

2.7 Tanker Services

Recycled water must only be collected and transported from our supply site by an operator who holds a mobile recycled water tanker permit for the cartage of recycled water issued by Yarra Valley Water.

We will only supply recycled water if:

- (a) a telephone booking for that tanker has been made at the supply site at least 48 hours in advance.
- (b) the tanker is ready to receive a supply, no later than fifteen minutes after the booked time.

2.8 Suspension of Supply

We may, from time to time, suspend supply of recycled water from one or more of our supply sites if:

- (a) for any reason we are unable to supply recycled water of appropriate quality or quantity from that supply site; or
- (b) we are of the opinion that, to continue to supply recycled water to you would be inconsistent with:
 - (i) any law; or
 - (ii) any policy or requirement of the EPA; or
 - (iii) any policy of the Victorian Government.

2.9 Price

If you comply with each term of this agreement, we will supply you with recycled water at no charge unless;

- (a) an arrangement to supply recycled water outside of the nominated hours is made between yourselves and Yarra Valley Water.
- (b) the volume of recycled water we supply to you at any site exceeds 40,000 litres per day

we may ask you to pay a service fee calculated at the rate of \$45 per hour, as approved by the Essential Services Commission, for filling future tankers at any of our supply sites.

If you do not pay any service fee we require you to pay, we may terminate this agreement.

2.10 Signs

You must erect signs on all equipment used to transport, store, distribute or apply the recycled water and in the areas where the recycled water is to be applied. These signs should comply with Australian Standards **2416-2002 : *Design and application of water safety signs*** and should be to a similar effect as the example given below.



2.11 Health and Safety

You must comply with every requirement of the *Occupational Health and Safety Act 1985* (Vic) relevant to you receiving, storing and using recycled water under this agreement.

2.12 Compliance with Laws

You must comply with all other laws relevant to you receiving, storing and using recycled water under this agreement.

2.13 Indemnity

You indemnify us against:

- (a) all damages, losses, penalties, costs and expenses whatsoever, which we suffer or incur; and
- (b) all proceedings, prosecutions or demands brought or made against us by anyone, as a result of you failing to perform any of your obligations or as a result of you receiving, storing or using recycled water,

except to the extent that the damage, loss, penalty, cost, expense, proceeding, prosecution or demand was caused by our negligence.

2.14 Release

You release us from all liability with respect to all damages, losses, penalties, costs and expenses whatsoever and howsoever caused, which you suffer or incur as a result of:

- (a) us failing to perform our obligations under this agreement; or
- (b) you receiving, storing and using recycled water under this agreement.

2.15 Reimbursement of Costs

You must pay us any costs we reasonably incur in making good any damage to our assets or works, directly or indirectly caused by your failure to comply with any of your obligations or by receiving, storing and using recycled under this agreement.

2.16 Inspections and Audit

You must allow people authorised by us to enter at any time on land where you receive, store or use recycled water, to inspect or audit:

- (a) how the recycled water is received, stored and used; and
- (b) whether you are complying with the terms of this agreement.

2.17 Power to give Directions

You must comply with any directions we may give you from time to time about how recycled water must be received, stored or used by you.

2.18 Termination

Either party may terminate this agreement by giving the other party seven days' written notice.

We may also terminate this agreement at any time, by giving you written notice, if in our opinion:

- (a) you have failed to comply with any term of this agreement; or
- (b) there is a risk that continuing to supply you with recycled water may threaten either the health or safety of any person or the environment.
- (c) to continue to supply you with recycled water would be inconsistent with:
 - (i) any law; or
 - (ii) any policy or requirement of the EPA; or
 - (iii) any policy of the Victorian Government.

3. HOW TO APPLY FOR A SUPPLY

Because of the special hazards which recycled water can cause, we must obtain detailed information from you about how you plan to receive, store and use any recycled water, before we can decide whether it is appropriate to supply you and whether to attach any special conditions to that supply.

Before you decide to apply for a supply you must read the two EPA publications specified in section 2.4 (c). They will help you to decide whether recycled water is appropriate for your circumstances, and whether you can use it safely.

Then discuss your proposal with us by telephoning Yarra Valley Water on (03) 9872 1469. We will help you find out whether you might be eligible to receive a supply from us and what special information you may need to enclose with your application.

You must also read the terms of agreement set out in Part 2 of this document.

If you still wish to apply for a supply, fill out the application form in Part 4 of this document. You must complete every item which could apply to your situation. Attach any additional information which you think may help us to assess your application.

Attach photocopies, maps, sketches or other documents which show:

- (a) where you propose to receive, store or use recycled water; and
- (b) how you propose to receive, store and use it.

Complete and sign the declaration at the end of the application form. The declaration must only be signed by a person who has the authority to enter into an agreement about recycled water on behalf of the customer.

Take note that, by signing the declaration, the customer agrees that all the terms set out in this document and any special conditions determined by us after assessing the application are incorporated to any agreement with us.

Send your completed application and supporting documents to:

Yarra Valley Water, Manager-Connections, Private Bag 1, Mitcham, VIC 3132

You may also fax us a copy on (03) 9872 2500, but must send us the original copy, signed by you, by post or deliver it to our office.

Before deciding on your application, we may ask you for additional information. You must supply that information before we can consider your application further.

We will write to tell you whether or not your application is successful. If we accept your application, we will send you:

- (a) a copy of your signed application which has also been signed on our behalf; and
- (b) any further conditions which we attach to your supply (in addition to the terms set out in Part 2 of this document).

APPLICATION CHECK LIST

Before sending us your application, have you:

- read the two EPA publications specified in item 2.4 (c)?
- read the terms of agreement of this document?
- discussed your proposed application with us?
- completed every section of the application form which could apply to you?
- attached all maps, sketches and supporting documents?
- signed the declaration at the end of the application form?

APPLICATION FORM

4.1 Customer Details

Customers full name

Customer address

Registered address
(if a company)

Mailing address
(if different)

Daytime Telephone

Mobile

Fax

Email

4.2 Customer's Reuse Site Details

Reuse site address

Telephone onsite
(if applicable)

Mobile

Is the customer owner and/or occupier of the site? (✓)

Owner/Occupier

Occupier

If the Customer is not the owner of the reuse site, what is the tenure arrangement (eg. rental/lease agreement, construction contract, etc) with the current site owner?

Has the owner given permission to use recycled water onsite?

Existing land use(s) of reuse site

4.3 Recycled water collection details

Will you cart the recycled water yourself?

If no specify who will.

NB: Each tanker driver must have a Mobile Recycled Water Tanker Permit with Yarra Valley Water. No collection or transport of recycled water may occur without this condition being met.

4.4 Period during which recycled water will be required.

From:

...../...../.....

To:

...../...../.....

4.5 Purpose(s) of Recycled Water Use

Agricultural or horticultural purposes:

- Irrigating food crops supplied to consumers after processing or cooking for at least 2 minutes at or above 70° C.
- Irrigating certain food crops supplied to consumers raw, where the edible component occurs 1 metre or more above ground.
- Irrigating crops not used for food: for example, woodlots, flowers, turf.
- Irrigating pasture or fodder crops supplied to sheep, goats, horses and, in certain circumstances, cattle, but not to pigs.
- Drinking water for livestock other than pigs.
- Watering plants in wholesale or retail commercial nurseries.

Municipal and community purposes

- Watering trees.
- Watering sporting ovals, racetracks, showgrounds and other grassed areas where public access can be restricted while watering occurs and, in certain circumstances, where public access cannot be restricted.

Construction or industrial purposes

- Suppressing dust.
- Certain other uses, approved in each case by Yarra Valley Water.

Firefighting purposes

- Use for firefighting, other than for training purposes, may be approved where no alternative source of water is available.

Circle relevant category above and describe the specific use(s) of recycled water below. For agricultural uses, indicate type(s) of crops, fodder, produce irrigated, and/or livestock grazing, etc.

4.6 Distribution of Recycled Water

Describe the irrigation system (eg, spray, flood, drip, hose, etc) or other distribution method.

4.7 Area to be watered

Customer Reuse Site
Total Property area (Ha)

Actual area (Ha) receiving recycled
water at the Customer Site (eg. under
irrigation)

Please include a site plan clearly showing areas where it is intended to apply Recycled Water, buffer zones, water courses etc.

4.8 Volume to be used

Total volume of recycled
water to be supplied
during the supply period.

Maximum volume per
day (m³/day)

4.9 Recycled Water Storage

Storage type (dam or
tank), construction, lining
& location

Storage (dam or tank)
size, dimensions &
capacity (m³).

What controls are in
place to prevent the
storage of water for
greater than two days.

Storage access controls
for humans/livestock

Storage overflow and
cross-connection controls
that protect other water
supplies.

4.10 Recycled water use as supplementary supply

Is recycled water added to existing stored water supply?

If so, estimate vol. of water currently stored (m³)?

Describe use of existing stored water supply, & how supplied?

4.11 Preventing runoff to waterways

Describe waterways, drainage system onsite.

Name & setback (m) to nearest natural waterway, lake, etc.

Site topography (flat, undulating, steep)

Soil types (if known)
(eg. clay, silt, sand, etc)

Watertable levels (if known)

Describe run-off controls for area receiving recycled water

4.12 Possible Human Contact

Neighbouring land uses
(agriculture, residential,
other)

Type of Site access by
the public and workers

Setback (m) to nearest
houses & other sensitive
land uses

Describe controls to
prevent public contact
(eg. spray drift controls,
time of watering, etc).

Describe controls to
prevent worker contact

Works/controls to protect
drinking water supply

4.13 Possible Livestock Contact

Site access controls for
livestock (sheep, cattle,
etc)

Works/controls to protect
livestock water supplies

4.14 Food Safety (*where applicable*)

Food safety controls (eg. QA/QC, HACCP, other)

Works/controls to protect food crop irrigation supplies

Additional Information

If this application form is not relevant or applicable to your proposal or you wish to provide further details, please attach any further information, plans, sketches, calculations that better describes the transport and reuse scheme.

DECLARATION

I declare that:

- (a) I am authorised to enter into this agreement on behalf of the customer;
- (b) I have complied with each of the requirements under the heading “How to apply for a supply” in this document; and
- (c) the information set out in and enclosed with this application is accurate at the date of this application. I further undertake to provide Yarra Valley Water with written notice of any matter which subsequently affects the accuracy of any of that information.

I acknowledge that, if Yarra Valley Water accepts this application, a binding agreement between Yarra Valley Water and the customer will exist from the date on which Yarra Valley Water accepts the application, which incorporates every term set out in the Terms of Agreement set out earlier in this document and any further conditions of which Yarra Valley Water gives me written notice at the time when Yarra Valley Water accepts this application.

SIGNED _____ Date: _____

_____ Job Title _____
Print Name

SIGNED _____ Date: _____

_____ Job Title _____
Print Name

[If the customer is a company, two directors or a director and the company secretary must sign the application.]

Application accepted on behalf of Yarra Valley Water, subject to any special conditions set out below.

.....
Authorised Officer

.....
Date

.....
Print Name

.....
Job Title

Part 5 SPECIAL CONDITIONS

[Set out any special conditions here]