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## Amended Licence Update

The DEC amended the RRRC's operating licence on Monday 7 May 2012. The Licence contains a number of new conditions which are summarised overleaf. This and future updates will include the status of the works required to comply with those conditions along with other information relating to the centre.

### Condition 17 (b)

*Install & commission, by 15 December 2012 a wet scrubbing system (humidifier) for Bio-filters 1 & 2 and designed to achieve not less than 85% humidity.*

To satisfy this condition six humidifiers and associated works are required to be installed to the corresponding six fan areas. The order of installation is 4,3,2,1 on Bio Filter 1 followed by humidifier 6 and 5 on Bio Filter 2.



**This photo shows the installation of Humidifiers 4, 3 & 2 on Bio Filter 1.**

**Humidifer 1 will be delivered to site next week.**



## Why use Humidifiers?

- Drying out of bio filters is the single largest reason for reduced bio filter performance, due to foul air short-circuiting through the dry patches, where biological activity is lowest and resistance to airflow is low;
- The odour removing bugs in a bio filter operate in the liquid phase, in the water film on each particle of bio filter medium;
- Humidifiers are the most efficient way of adding this water evenly throughout the bio filter;
- Bio filters are more efficient in their operation and easier to monitor and maintain.

## Condition 26 (b)

*Construct fully enclosed bin storage area by 15 December 2012.*

The bin storage area will be connected to the main tipping building's negative air pressure system thus ensuring an odour tight storage area for bins containing residual non- compostable waste prior to being taken off site for disposal.



**Footings and framework complete and the floor drain works are underway. Cladding of walls and roof will commence shortly.**



## Condition 5 (a)

### Submit Annual Environmental Report

This is a general licence requirement and the report was submitted on 22 November.

## Odour Hotline

The hotline, **1300 556 726**, is answered 24 hours a day, 7 days a week, all year round to allow residents and businesses to report any odours they suspect may be originating from the RRRC.

Details such as the location, time and character of the odour will be immediately forwarded to SMRC staff at the RRRC, who will conduct an inspection to determine if odours are escaping the facility and take corrective action if required.

The same details from any hotline reports are also immediately forwarded to DEC to assist in their response.

## E-news

Our e-news has facts about recycling in the region as well as information on events and what's happening in the industry.

To sign up to receive the SMRC E-news please go to [www.smrc.com.au](http://www.smrc.com.au) and click on the Sign Up for E-news button.

## Recycle Right

Recycle Right is a campaign which encourages and assists residents and businesses in the South Metropolitan Region to recycle, reduce their rubbish and buy more recycled products.

The 3 R's – Reduce, Reuse and Recycle – are a simple way to rethink the things that you no longer need and make a difference today! Visit [www.recycleright.net.au](http://www.recycleright.net.au) to find out more.

## Site Tours

The RRRC offers free tours which are designed to educate visitors about the recycling process and allow safe and exciting views from observation decks into the various facilities.

To book a tour of the RRRC or visit the Education Centre contact **9256 9555**.

Tim Youé  
Chief Executive Officer



## Summary of Licence Conditions

Waste Composting Facility				
Due Date	Licence Condition #	Action	Status	Reported in Update
7-May-12	2	Install temporary humidification	Complete	Y
7-May-12	3	Limit waste intake to 1365 tonnes pw	Ongoing	Y
18-May-12	22 (a)	Submit a schedule of works for refurbishment of Biofilter 1	Complete	Y
1-Jun-12	24 (a)	Submit Ambient Odour Assessment Plan	Complete	Y
29-Jun-12	17 (a)	Submit proposal for wet scrubbing	Complete	Y
30-Jun-12	19 (b)	Install & commission continuous monitoring equipment in all humidifier wet scrubbing and bio filter inlet gases	Complete	Y
30-Jun-12	21 (a)	Submit Biofilter Monitoring and Management plan	Complete	Y
27-Jul-12	22 (c)	Implement & complete Biofilter 1 refurbishment	Complete	Y
27-Jul-12	24 (b) (v)	Commence monthly Ambient Odour Surveys	In progress	Y
28-Sep-12	23 (a)	Undertake Site Odour System Review	Complete	Y
11-Oct-12	23 (b)	Submit Site Odour System Report	Complete	Y
22-Nov-12	5 (a)	Submit Annual Environmental Report	Complete	Y
28-Nov-12	50	Submit Annual Audit Compliance Report	In progress	
15-Dec-12	17 (b)	Install & Commission wet scrubbing	In progress	Y
15-Dec-12	26 (b)	Construct fully enclosed bin storage area	In progress	Y
15-Dec-12	24 (b) (v)	Commence weekly Ambient Odour Surveys		
15-Mar-13	24 (d)	Submit Ambient Odour Assessment Plan Report		
Green Waste Facility (GWF) Key Actions				
Prior to commencement	44	Implement new storage protocols and procedures	Complete	Y
Prior to commencement	45	Implement new operational procedures	Ongoing	Y
Ongoing	46	Suspend shredding of greenwaste between 15 December and 31 March each year		

Should odour emissions not be reduced to DEC's satisfaction after the completion of the actions in the licence, SMRC will need to submit a works approval for new primary/secondary pollution control equipment in April 2013. DEC will utilise the following in determining SMRC's performance:

1. SMRC's compliance with licence conditions to date;
2. Outcomes of the ambient field odour surveys carried out by SMRC;
3. Biofilter monitoring data measured against limits and targets;
4. Actions completed with assessed achievement from the Site Odour Management System Review;
5. Validation of any complaints, including the intensity and impacts, received by DEC, SMRC or the City of Canning; and
6. DEC's field odour validations.