

Bulletin



SOUTHERN METROPOLITAN REGIONAL COUNCIL

To request further information on articles in this bulletin please email smrc@smrc.com.au or contact Chief Executive Officer, Tim Youé on 9329 2700.

IMPORTANT MESSAGE

Since May 2012, the SMRC has successfully achieved fifteen of the twenty new licence conditions by their respective target dates and will meet nineteen of the total twenty new conditions by their due dates, however, due to circumstances beyond its control only five of the six humidifiers will be installed to the biofilters and commissioned by the required date.

As a demonstration of the SMRC's commitment to the community and improving odour management the Council has resolved to suspend taking waste until all six humidifiers are fully operational.

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 Humidifier 4 and ductwork ready to be lifted into position on Bio Filter 1.

Humidifier # 6 will be delivered next week with the final Humidifier # 5 to follow.



This photo shows the fan area prepared for the installation of Humidifier 4



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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.

Condition 50

Submit Annual Audit Compliance Report by 28 November 2012.

The report was submitted in compliance with this condition.



This photo shows ducting being removed to prepare for installation of Humidifier 4.

Recent high winds have delayed the use of cranes for safety reasons.



Cladding of walls and roof now complete with doors and ducting to negative air pressure regime to follow.

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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.

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**.

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 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 to find out more.

Tim Youé
Chief Executive Officer

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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	Complete	Y
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	Planned	
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	Planned	

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.

The full Amended Licence and Environmental Assessment Report can be found on the SMRC website www.smrc.com.au/files/120507%20Ltr%20DEC%20to%20SMRC%20Licence%20L779920017%20Approved.pdf