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Humidifiers 1-4 complete and acoustic lagging repairs underway.

Amended Licence Update

The DEC amended the RRRC's operating licence on Monday 7 May 2012. The Licence contained 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.

Ministers Appeal Determination

On 13 December 2012 the Hon Bill Marmion MLA, Minister for Environment issued a Minister's Appeal Determination in response to seven appeals lodged in May 2012. A copy of the Minister's Appeal Determination can be found at http://portal.appealsconvenor.wa.gov.au/pls/portal/docs/page/oac/admin_content/decision_summaries/2012/027-033-12%20ministers%20appeal%20determination_13dec12.pdf and the Appeals Convenor's Report to the Minister can be found at www.appealsconvenor.wa.gov.au or via the SMRC website www.smrc.com.au

The licence will now be further amended to reflect the Ministers Appeal Determination requiring DEC to improve elements of the licence in particular around public reporting and management of complaints. Once the licence is received this Bulletin will report on these new conditions or requirements.

Reacceptance of Municipal Solid Waste

As a precautionary measure the SMRC voluntarily suspended taking waste from 15 December 2012 due to circumstances beyond its control in finalising the humidifier work.

All six humidifiers have now been installed and commissioned with further work being undertaken to optimise the new system to achieve effective and efficient management and ensure ongoing compliance with the conditions of licence.

It is anticipated that the licence will be amended to reflect the Minister's Determination to not only require a report to the DEC confirming that the humidifiers have been constructed as designed, but also a further requirement



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to provide a testing regime, monitoring and management reports that will require approval of the DEC prior to waste being received into the facility.

There will also be a requirement to initially limit the volume of waste processed at the facility and a ramping up schedule to the licenced capacity will need to be provided to and approved by the DEC.

To comply with noise regulations the SMRC installed acoustic lagging (insulation) to the discharge ducting and fan areas. This work was completed in October 2012, however, as a consequence of the humidifier installation modifications needed to be made to the ducting which required removal of some of the lagging. Whilst the humidifier installation itself brought about a significant reduction in noise, work is currently underway to reinstate the lagging to ensure ongoing compliance with regulations and to further lower noise well below the required threshold. Once this work is completed further acoustic testing will be undertaken and reported in a further Bulletin.

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 is now 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.



Humidifiers 5 & 6 completed with scaffolding in place for acoustic lagging repairs.



Completed fully enclosed storage shed with ducting to negative air pressure regime



SOUTHERN METROPOLITAN REGIONAL COUNCIL

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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.

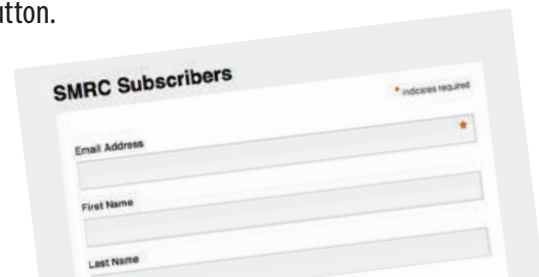
Details such as the location, time and character of the odour will be immediately forwarded to SMRC staff at the RRRC, who will conduct an inspection to determine if odours are escaping the facility and take corrective action if required.

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

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.



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**.



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 No.	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	Complete	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	Complete	Y
15-Dec-12	26 (b)	Construct fully enclosed bin storage area	Complete	Y
15-Dec-12	24 (b) (v)	Commence weekly Ambient Odour Surveys	In progress	Y
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	Complete	Y
Ongoing	46	Suspend shredding of greenwaste between 15 December and 31 March each year	Ongoing	Y

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