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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 22 (c) Implement and complete refurbishment of Cells 1, 2, & 3 of Bio-filter 1.

Following consultation with DEC, a revised programme was agreed that includes a refurbishment of all six cells in Bio-filters 1 & 2 leading to an improved odour management outcome.

Cells 1 & 2, 3 and 6 are almost complete with Cells 4 & 5 to follow.

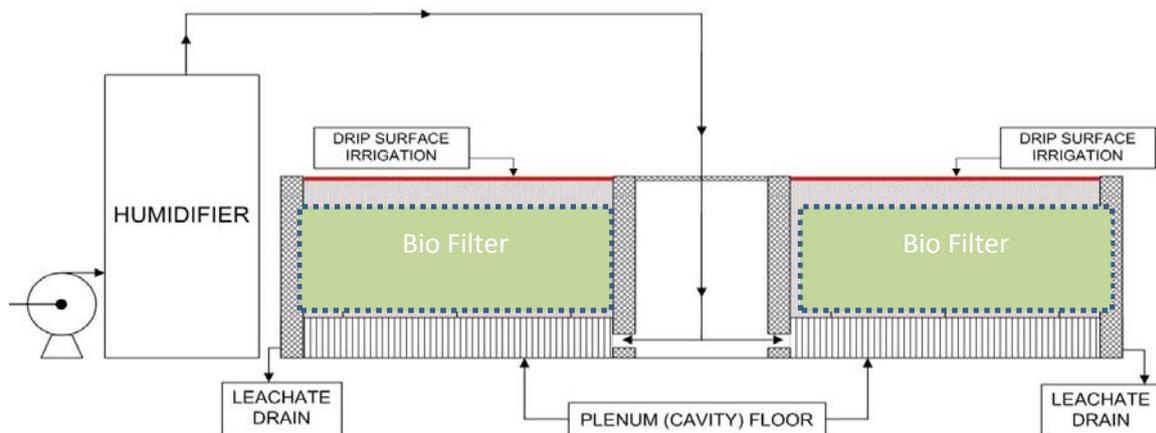
Given the climatic conditions prevailing at this time of year and the reduced volume of waste being processed at the facility, we envisaged that the revised programme would not have a detrimental impact on the community, however, on the evening of Saturday 8 September we received two odour complaints.

We are working hard to minimise any inconvenience to the community during these upgrade works and apologise for the inconvenience caused. Please continue to notify us if you experience any odours that may be originating from the RRRC using the Odour Hotline details below.

Condition 17 (b)

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

The SMRC have received planning approval and awarded a tender for the supply, delivery and installation of equipment to achieve this condition and improve odour management.



Humidifier Location and Air Flow through Bio Filter



Condition 26 (b) Construct a fully enclosed bin storage area with a negative pressure system ducting air through Pollution Control Equipment to permanently store all bins containing waste.

The SMRC have received planning approval and will shortly award a contract for the installation of a fully enclosed bin storage area.

Noise

Specialist acoustic consultants have provided estimates showing that for the plant noise emissions to comply with regulations that a conservative cumulative sound power level of 100dB (A) should not be exceeded.

Refurbishment work on the 6 cells in Bio-filters 1 & 2 has reduced back pressure in the system enabling fan speeds to be lowered. This has resulted in a measured reduction in sound power level from a peak of 109 dB (A) to 103 dB (A) on 2 of the 6 fans. It is expected that a similar reduction in noise will apply to 4 of the fans from next week and to all fans once the remaining refurbishment is completed.

In addition, DEC has endorsed a proposal to install acoustic lagging to the discharge ducting as an appropriate means to bring about the further noise reduction required to comply with regulations.

The completion date was originally estimated as 21 September. A contract for undertaking the works has been awarded, however, the contractor's schedule for completion of the works has now been extended to October. We apologise and will be taking all steps possible to bring the completion date forward and will undertake further noise testing once the works are completed to ensure ongoing compliance.

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 **(08) 9256 9555**

Tim Youé
Acting 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	In progress	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	In progress	Y
11-Oct-12	23 (b)	Submit Site Odour System Report		
22-Nov-12	5 (a)	Submit Annual Environmental Report		
28-Nov-12	50	Submit Annual Audit Compliance Report		
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 greewaste 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.