
Odour Management Plan

Spring Farm Resource Recovery Park

Document PLANS004

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Version 2



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Objectives

The objective of the Odour Management Plan is to ensure that the SUEZ is operating Spring Farm Resource Recovery Park (SFRRP) in a manner to manage the potential impacts of odour within the site vicinity and to not impact on neighbouring properties.

The requirements for the Odour Management Plan is to include a description of all potential odour sources and identify how odour control measures will be adopted to limit odour release.

Activities to manage potential odours from the operations will include periodic monitoring during operations, odour monitoring, contingency plans and complaint procedures.

The requirement is to 'implement the plan', which means that all operations must use the odour control facilities provided in design and document the procedures to be followed in operations and maintenance to keep odour emissions within the levels necessary to meet the objective.

Potential Odour Sources

As part of a review process of Odour Management Plan SUEZ has identified potential odour sources that may occur from the operations at the facility and using the SUEZ internal risk management procedure. The potential odour sources have been ranked from most potential to least potential. This is listed below

- Waste Reveal and Storage in ARRF
- Waste Reveal and Storage in MRF
- Waste Reveal and Storage in Tank Farm
- Waste Reveal and Storage in Small Vehicle Drop Off Facility
- Processing & Storage of Liquid treatment
- Processing of Glass Crushing & Washing

Controls of Potential Odour Sources

As part of the risk management procedure controls have been identified and implemented to ensure that all potential odour sources are controlled and do not impact on neighbouring properties. The controls have been broken down into areas of potential odours sources which are listed below.

Waste Reveal, Processing and Storage in ARRF

- Section L2.1 of Environmental Protection Licence No 12588 stipulates the types of wastes that are acceptable to be received at the facility. This is monitored by the weighbridge staff and site operators using the waste classification guidelines.
- If odorous waste has been identified, it must be directed to the appropriate area and stored within the building at all times and processed as soon as possible.
- The total volume of waste stored at the facility must not exceed the limits as stated in condition L2.2 of Environmental Protection Licence No 12588 which states the authorised amount of waste permitted on site at any one time cannot exceed 6500 tonnes.
- All equipment used in this area is cleaned on a regular basis
- Litter patrols are conducted on a regular basis
- All waste that is required to be disposed at a landfill is loaded out in a walking floor. The waste is then transported to landfill.
- Walking floor is fully sealed and is covered or tarped at the top.
- Automated closing doors on timers are utilised to control the release of odour
- Deodoriser line in reception hall

Waste Reveal, processing and Storage in Liquid Treatment facility

- The Liquid Treatment area is inside self-contained bund.
- All liquids are stored in tanks and vapour/gas/odour from tanks is captured and directed into odour dewatering screws for treatment.
- All spills are captured within bund and transferred into a tank within the liquid treatment area.
- All equipment used in this area is cleaned on a regular basis.
- Once processed, liquid is tankered off site for disposal at a licenced facility.
- Odour fence around perimeter

Waste Reveal, processing and Storage in Public drop off

- Waste is segregated into waste types
- All waste that is required to be disposed at a landfill is loaded out in a walking floor. The waste is then transported to landfill.
- Resource recoverable material is transferred to the MRF for processing or off site to a recovery centre
- Haz chem items are stored within IBCs, bunds, cage or drums. These are stored and clearly labelled while waiting collection

Waste Reveal, processing and Storage in MRF

- All waste is received within the MRF building
- Waste is segregated into waste types for processing
- Residual waste is transported to the ARRF as soon as possible for processing
- Resource recoverable material is sorted, processed and baled in preparation for off take
- Processed material is stored under the awning at the rear of the MRF for collection
- Processed material is transported off site daily in enclosed or covered transport

Storage of chemicals used for processing

- Chemicals that are used for processing are stored within IBCs or chemical drums. These are stored in banded chemical area and clearly labelled.
- Segregated as per Australian Standards
- All spills are captured following SOP007 Spill response

Processing of crushing and washing of glass

- All unprocessed and processed product will be stored in fully enclosed bunkers
- All equipment used for this process will be cleaned regularly.

Odour Monitoring

The following odour monitoring will occur to ensure that all controls are effective

- Weekly review of controls on potential odour sources
- Odour tours conducted weekly on and off site to determine if potential odour sources are leaving the site, refer to *Appendix 1 – Site Monitoring Locations* In the event odours are identified on and off site, odour tours will increase until satisfied potential odour sources are controlled.

All odour monitoring is in line with “*Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW*” (NSW EPA, 2016).

Complaint Handling

A free call telephone line through SUEZ's Customer Service department operates 24 hours a day 7 days per week. PH: 13 13 35 (COC 153). The details of all complaints received and actions taken in response to the complaints are kept on the SUEZ database through the SIMS system. Complaints received via the hotline are investigated and responded to within the allocated time frame, refer to the *Environmental Complaints SOP*.

The information to be recorded as part of the investigation includes;

- Name of complainant;
- Contact details of complainant (e.g. telephone, email, postal address);
- Location, date and time at which alleged environmental impact occurred (street address);
- A general description of the nature of the environmental impact, including the following where applicable:
 - Duration and any pattern;
 - Character of odour;
- Whether there were any adverse health effects related to the environmental impact;
- What response has been requested or expected by complainant from SUEZ (e.g. a return phone call);
- The likely source(s) of the cause of the complaint; and
- What the weather conditions (e.g. wind speed, wind direction, temperature) were like at the time of the alleged environmental impact

Responsibilities

Site Manager & Compliance

The site manager has responsibility for:

- Implementation of this plan
- Conforming with plan
- Training of staff in the plan
- Communication of the plan
- Reporting of incidents
- Ensuring corrective actions are taken

Site Supervisor

The site supervisor has the responsibility for:

- Ensuring adherence to this plan
- Conforming with site plan
- Reporting of incidents
- Implementing corrective actions

Site staff

All site staff have the responsibility for:

- Ensuring adherence to this plan
- Conforming with site rules
- Reporting of maintenance defects
- Reporting of incidents

APPENDIX 1. - Site monitoring locations



Related Documents

DOCUMENT NAME	REFERENCE NUMBER
SFARRF & SFMRF Risk Register	REG011
Spill Response	SOP007
Site Maintenance	SOP041
Environment Protection Licence	EPL 12588, 20021, 5105
Environment Management Plan	PLAN004
Environmental Complaints	SOP066
Pollution Incident Response Management Plan	PLAN003.2.13.1

Review and Document Control

VERSION	CHANGE	REVIEWED	AUTHORISED	DATE ISSUED
1	Initial Issue	Kelly Gee M Stojanoski	Nat EQS Mgr	21/08/2017
2	Reviewed documents, added section under Controls of Potential Odour Sources for Glass Processing	Mgahl Eather	Site Manager	03/09/2020