

Pollution Incident Response Management Plan

WETHERILL PARK RESOURCE RECOVERY FACILITY

STANDARD OPERATING PROCEDURE

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Purpose

To outline the procedure for a response to a potential pollution incident at ResourceCo's Wetherill Park Resource Recovery Facility, in accordance with the requirements of the Protection of the Environment Operations Act 1997.

Scope

This Pollution Incident Response Management Plan (PIRMP) applies to ResourceCo's Wetherill Park Resource Recovery Facility.

References

NSW Protection of the Environment Operations Act 1997

NSW Protection of the Environment Legislation Amendment Act 2011

NSW Protection of the Environment Operations (General) Amendment (Pollution Incident Response Management Plans) Regulation 2012

Environmental Guidelines: Preparation of Pollution Incident Response Management Plans, NSW EPA

Definitions

POEO Act Protection of the Environment Operations Act 1997

Definition of 'Pollution Incident'

NSW EPA use the following definition:

A *pollution incident* means an incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise.

A pollution incident is required to be notified if there is a risk of 'material harm to the environment', which is defined in section 147 of the POEO Act as:

- (a) Harm to the environment is material if:
 - i. It involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or
 - ii. It results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations), and
- (b) Loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment.

Hazards

Table 1 below provides a description of the main hazards to human health and/or the environment associated with ResourceCo's Wetherill Park Resource Recovery operations.

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Table 1

Identified Hazard	Residual Risk	Likelihood
Air Pollution Incident		
Smoke / Fire	Low	Low
Dust	Very Low	Low
Water Pollution Incident		
Contaminated Storm water	Low	Low
Diesel Spill	Low	Very Low
Storage of Chemicals	Very Low	Very Low
Leachate	Very Low	Very Low
Hazardous Chemicals	Low	Very Low
Land Pollution Incident		
Diesel Spill	Low	Very Low
Storage of Chemicals	Very Low	Very Low
Hazardous Chemicals	Low	Very Low

Pre-emptive Actions

Table 2 below provides a description of the control measures taken to minimize or prevent harm to human health and/or the environment associated with ResourceCo’s Wetherill Park Resource Recovery operations.

Table 2

Identified Hazard	Control Measures
Smoke / Fire	<ul style="list-style-type: none"> • Fire suppression systems, including sensors, on: <ul style="list-style-type: none"> ○ Individual pieces of plant and equipment ○ Bulk finished PEF storage area ○ Waste storage area
Dust	<ul style="list-style-type: none"> • Dust suppression sprays at key process locations: <ul style="list-style-type: none"> ○ Waste storage area ○ Finished PEF storage area • Dust extraction equipment at major dust generation points in the process • Manufacturing building fully enclosed, with roller doors only opened for immediate access and egress • Fully sealed site. • Industrial sweeper to clean roadways and operational areas on a regular basis • Preventative maintenance programs to control dust buildup.
Contaminated Storm water	Refer to Storm Water Management Plan

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Diesel spill	<ul style="list-style-type: none"> Bulk diesel stored in a double walled self-bunded bulk storage tank
Storage of Chemicals	<ul style="list-style-type: none"> Minor quantities of, for plant and equipment operations, stored on self-bunded pallets: <ul style="list-style-type: none"> Class 3 Flammable Liquids, including oil based fuels Lubricants and hydraulic oils Pesticides
Leachate	Refer to Leachate Management Plan
Hazardous Chemicals	Refer to <i>PROC 30</i> Hazardous Chemicals (including Dangerous Goods and Sharps) Management Procedure

Inventory of Pollutants

Table 3 below provides an inventory of potential pollutants kept or used at ResourceCo's Wetherill Park Resource Recovery Facility.

Table 3

Potential Pollutant	Maximum Quantity
Bulk Diesel	30,000 litres
Chemicals	Minor quantities of Class 3 Flammable Liquids, including oil based fuels, used for plant and equipment operations
Chemicals	Minor quantities of lubricants and hydraulic oils (up to 205 litres of each), used for plant and equipment operations
Pesticides	Minor (household) quantities for the control of weeds and pests

Safety Equipment

Table 4 below provides summary of safety equipment available on site at ResourceCo's Wetherill Park Resource Recovery Facility.

Table 4

Safety Equipment	Description
PPE	Generic PPE, including <ul style="list-style-type: none"> Safety footwear Eye protection Hard hats Long sleeve shirt Long pants
PPE	Task specific PPE, including: <ul style="list-style-type: none"> Disposable coveralls – rated type 5, category 3 (ISO 13982-1) P2 filtered respirator Hazardous chemical protection gloves Cut resistant gloves Hearing protection
Emergency Showers	<ul style="list-style-type: none"> Eye wash equipment Safety showers

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Fire Fighting	<ul style="list-style-type: none"> • Fire Blankets • Fire Extinguishers • Fire Reels • Fire Hydrants
Spill Response	<ul style="list-style-type: none"> • General Purpose Spill Kits • Hydrocarbon Spill Kits

Contact Details

ResourceCo's Wetherill Park Resource Recovery Facility

Key personnel contact details are:

Title	Name	Contact Details
Production Manager	Joseph Mikhail	0424 194 289
General Manager	Doug Elliss	0455 442 107

Note: Contact details are current as at the date of this document.

Notification of External Parties

Firstly, call 000 if the incident presents an immediate threat to human health or property. Fire and Rescue NSW, the NSW Police and the NSW Ambulance Service are the first responders, as they are responsible for controlling and containing incidents.

If the incident does not require an initial combat agency, or once the 000 call has been made, the Wetherill Park Resource Recovery Facility Production Manager and/or General Manager will, notify the relevant authorities in the following order:

Relevant Authority	Specific Information	Contact Details
Emergency Services	Police Fire Ambulance	000
EPA	Environment Line	131 555
Ministry of Health	South Western Sydney Local Health District (Liverpool) Fairfield Hospital Liverpool Hospital	(02) 8738 6000 (02) 9616 8111 (02) 8738 3000
SafeWork NSW		13 10 50
Fairfield City Council		(02) 9725 0222
Fire and Rescue NSW		1800 679 737

Note: Contact details are current as at the date of this document.

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Communicating with Neighbor's and Local Community

ResourceCo's Wetherill Park Resource Recovery Facility is located within the Wetherill Park Industrial precinct. Neighbor's include large transport yards, warehousing and heavy industry. The nearest residential premises are 840m away. There are no sensitive premises (schools, hospitals etc) in close proximity.

Table 5 below provides contact details for ResourceCo's Wetherill Park Resource Recovery Facility immediate neighbors.

Table 5

Immediate Neighbor	Address	Contact Details
Border Express	27-33 Frank Street Wetherill Park NSW, 2164	(02) 9732 4000
Vellex Transport	41 Frank Street Wetherill Park NSW, 2164	(02) 8787 3300
AusLift	43 Frank Street Wetherill Park NSW, 2164	(02) 9757 2277
Islander Food Service Pty Ltd	2/45 Frank Street Wetherill Park NSW, 2164	(02) 9732 8000
SleepMaker	32 Frank Street Wetherill Park NSW, 2164	(02) 9609 6177
Yusen Logistics	3 Davis Road Wetherill Park NSW, 2164	(02) 9612 2100
Freight Specialists	2 Davis Road Wetherill Park NSW, 2164	(02) 9756 3455

Note: Contact details are current as at the date of this document.

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Minimizing Harm to Persons on Site

In the event of a pollution incident, the process will be:

Step 1: Emergency Response: Ensure all personnel are safe

Step 2: Emergency Response: Contain the incident where possible

Step 3: Notify Production Manager and General Manager

Step 4: Notification of External Parties

At all times, minimizing harm to persons shall be a priority. Refer to PROC 32 *Emergency Response Plan* for emergency management procedures which have been designed for implementation at ResourceCo's Wetherill Park Resource Recovery Facility to control foreseen emergency situations that can affect occupant safety, plant assets, the environment or the continuity of business operations.

Actions to be Taken

During a Pollution Incident

PROC 32 *Emergency Response Plan* for emergency management procedures will be initiated. These procedures have been designed for implementation at ResourceCo's Wetherill Park Resource Recovery Facility to control foreseen emergency situations that can affect occupant safety, plant assets, the environment or the continuity of business operations.

General controls for managing a pollution incident include:

- Visually assess the situation. Undertake emergency response if required
- If safe and possible to do so, undertake immediate measures that prevent further impacts from the pollution incident
- Take direction from Emergency Services and appropriate Regulatory Authorities and as required; and
- If required seek assistance from specialist consultants/contractors.

Following a Pollution Incident

If a pollution incident occurs, a detailed investigation will be undertaken as per PROC 12 *Incident Reporting and Investigation*, and appropriate actions from the investigation implemented.

Within one month of a pollution incident occurring, this PIRMP, along with other relevant plans and procedures, will be formally reviewed and tested to ensure this PIRMP is accurate, current and capable of being performed in a practical and effective manner.

Training

All staff will be trained in the PIRMP, and records maintained in the training system. The objective of training will be to ensure all staff are aware of the key steps to manage a pollution incident.

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Testing and Review

This PIRMP will be tested every twelve months by:

- Performing a desktop review, and undertaking desktop simulations of incident or potential incidents, and / or
- Simulated training, exercises or drills

to ensure the plan is capable of being implemented in a workable and effective manner.

Within one month of a pollution incident occurring, this PIRMP, along with other relevant plans and procedures, will be formally reviewed and tested to ensure this PIRMP is accurate, current and capable of being performed in a practical and effective manner.

Plan Availability

A copy of this PIPMP will be maintained within ResourceCo's Wetherill Park Resource Recovery Facility site EMS documentation, and within ResourceCo's document management system.

Documentation

PROC 12	Incident Reporting and Investigation
PROC 32	Emergency Management
SOP 72	Hazardous Chemicals (including Dangerous Goods and Sharps) Management Procedure

