



24th July 2018

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

The purpose of this document is to outline the necessary Pollution Incident Response Management Plans (PIRMPs) as required under legislative amendments that apply to all holders of an Environmental Protection License (EPL).

This PIRMP document covers the following specific information;

- Hazards to human health or to the environment that our licensed activity may cause.
- Details of the maximum quantity of pollutants stored, or likely to be stored on site, or used for the licensed activity. The locations of the pollutants identified on a map.
- An assessment of the likelihood of a pollution incident and details of preventative measures or harm minimisation techniques, such as the location and use of safety devices.
- A plan to deal with the eventuality of a pollution incident, including early warning mechanisms and contact details of persons authorised to implement the plan.
- Contact details of authorities that must be notified including OOO if there is an immediate threat to human health or property, and the local regulatory authority (council or EPA), Ministry of Health, Workcover Authority and NSW Fire & Rescue.
- A staff training plan, and records of dates on which the plan will continue to be tested and maintained in the future.

Aero Logistics Pty Ltd acknowledges that the PIRMP must be tested every 12 months, and within one month of any pollution incident relating to the activity.

Aero Logistics Pty Ltd will willing fully provide upon written request to an interested party or licensed officer a free copy of the PIRMP.

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

Aero Logistics Pty Ltd owns and operates The Newcastle Regional Heliport located at 10 Laurio Place Mayfield West NSW 2304.

Under guidelines, regulations and legislation set down by the NSW Government Aero Logistics Pty Ltd holds a "ACKNOWLEDGEMENT OF NOTIFICATION OF DANGEROUS GOODS ON PREMISES" issued under and subject to the provisions of the Occupational Health & Safety Act 2000 and the regulations there under.

Certificate acknowledgement number NDG036805

Premises where notified dangerous goods are stored/ handled- AERO LOGISTCS PTY LTD 10 LAURIO PLACE MAYFIELD WEST NSW 2304.

Nature of site NON-SCHEDULED AIR AND SPACE TRANSPORT

Emergency contact for this site- BEN SMEE 0405 010 672

Site staffing 10 HOURS 6-7 DAYS 3-5 STAFF

Details of storage locations 1. UNDERGROUND TANK CLASS 3 UN 1863 FUEL AVIATION TURBINE ENGINE 30,000L CAPACITY. AVERAGE HOLDING 20,000L

Details of storage locations 2. UNDERGROUND TANK CLASS 3 UN 1203 GASOLINE 20,000L CAPACITY. AVERAGE HOLDING 9000L

The above information is certified by the NSW Government, Workcover NSW Ph. 02 4321 5500 and the relevant certificate is displayed on premises.

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

ITEM 1 Hazards to human health or to the environment that our licensed activity may cause.

JETA1 (AVIATION TURBINE FUEL) also known as KEROSENE PETROLIUM as outlined the Newcastle Regional Heliport is licensed to store up to 30,000L of JET A1 Turbine fuel in its approved underground storage tank.

Hazards to Human Health as per the hazard classification criteria of NOHSC and the Australian Dangerous Goods Code highlight the following risks;

R10: Flammable- as the material has a low flash point; any spillage should be considered a potential fire hazard. **THE NEWCASTLE REGIONAL HELIPORT HAS REGULAR TESTING OF ALL FIREFIGHTING EQUIPMENT IN EVERY LOCATION THROUGHOUT THE FACILITY.**

Only trained aviation airside personnel and licensed pilots are approved to conduct refuelling activities. Static earth straps are used to provide assurance against ignition sources. The Newcastle Regional also has a full no smoking policy at the facility.

The fuel bowser (dispensing system) is locked 24/7 and only approved persons have access.

R38: irritating to skin- approved refuelling personnel to the appropriate PPE during all stages of product handling.

R51/53: Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. Approved storage systems, bunded refuelling areas, oil/water separators, pollution control systems and holding tank details are set out in the APPROVED Aero Logistics Pty Ltd Environmental Protection Plan.

R65: Harmful may cause lung damage if swallowed. Restricted access to refuelling area's only given to authorised personnel adequately trained and wearing the appropriate PPE.

Further information on the product JET A1 – AVIATION TURBINE FUEL is attached overleaf on the said products MATERIAL SAFETY DATA SHEET (MSDS), along with the company's associated risk assessment worksheets on;

SAFE STORAGE OF AVIATION TURBINE FUEL – JET A1

SAFE HANDLING OF AVIATION TURBINE FUEL- JET A1

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

ITEM 2 Hazards to human health or to the environment that our licensed activity may cause.

AVIATION GASOLINE (AVGAS 100) as outlined the Newcastle Regional Heliport is licensed to store up to 20,000L of AVIATION GASOLINE in its approved underground storage tank.

Hazards to Human Health as per the hazard classification criteria of NOHSC and the Australian Dangerous Goods Code highlight the following risks;

R11: Highly flammable as the material has a high flash point, any spillage should be considered a potential fire hazard. **THE NEWCASTLE REGIONAL HELIPORT HAS REGULAR TESTING OF ALL FIREFIGHTING EQUIPMENT IN EVERY LOCATION THROUGHOUT THE FACILITY.**

Only trained aviation airside personnel and licensed pilots are approved to conduct refuelling activities. Static earth straps are used to provide assurance against ignition sources. The Newcastle Regional also has a full no smoking policy at the facility.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed- - approved refuelling personnel to wear the appropriate PPE during all stages of product handling. Refuelling operations to be done in the approved open space/ well ventilated areas.

R33: Danger of cumulative effects- only approved and trained personnel to work with product in accordance the products MATERIAL SAFETY DATA SHEET (MSDS) attached overleaf.

R38: Danger to skin- as per the safe handling methods outlined above- approved refuelling personnel to wear the appropriate PPE during all stages of product handling.

R45 (1): May cause cancer- all approved staff to wear appropriate PPE and to be informed of the risks associated with handling the product.

R48/20/21/22: Harmful- danger of serious damage to health by prolonged exposure though inhalation, in contact with the skin, and if swallowed- handling of product only in well ventilated areas, by approved personnel wearing the appropriate PPE at all times.

R61 (1): May cause harm to an unborn child- no pregnant women to be on the refuelling area under any circumstance, area to be managed by senior approved staff.

R65: Harmful, may cause lung damage if swallowed- approved personnel wearing the appropriate PPE at all times during product handling.

Further information on the product AVIATION GASOLINE (AVGAS 100) is attached overleaf on the said products MATERIAL SAFETY DATA SHEET (MSDS), along with the company's associated risk assessment worksheets on;

SAFE STORAGE OF AVIATION GASOLINE FUEL- (AVGAS 100)

SAFE HANDLING OF AVIATION GASOLINE- (AVGAS 100)

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

Details of the maximum quantity of pollutants stored, or likely to be stored on site, or used for the licensed activity.

MAXIMUM quantity of pollutants stored and are likely to be stored are set out below;

JET A1 (AVIATION TURBINE FUEL) approved underground storage tank capable of holding 30,000L. Average quantity stored, based on fuel sales and usage is generally around 10,000L.

AVIATION GASOLINE (AVGAS100) approved underground storage tank capable of holding 20,000L, Average quantity stored, based on fuel sales and usage is generally around 5000L.

The above details and estimates are in accordance with our approved Environmental Protection Licence 35/036805 Expiry date 5/01/2013.

The locations of the pollutants identified on a map.

See attached.

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

An assessment of the likelihood of a pollution incident and details of preventative measures or harm minimisation techniques, such as the location and use of safety devices.

The likelihood of a pollution incident is extremely low, as the fuel tanks have been installed under the latest strict environmental guidelines. Both tanks are self-bunded and are underground to a depth that ensures surface impact should not affect the storage integrity.

Details and photo's of the instillation are included in the Aero Logistics Pty Ltd Environmental Protection Plan that is attached to this document.

The surface of the refuelling area is bunded to ensure that in the event of a pollution incident, the contaminated waste will drain into the holding tank and be processed by the installed oil/water separator (details included as part of the Aero Logistics Pty Ltd Environmental Protections Plan that is attached to this document).

Preventative measures include, the installation of tank monitoring wells and hatches which are inspected weekly. A full compliment of fire fighting equipment such as extinguishers and foam dispensing fire hose reels are installed in the event of a fire.

The fuel bowser is also fitted with a safety cut off mechanism.

Regular testing and inspections of all safety equipment take place on their respective due dates.

An approved spill kit is located at the hangar entrance to be utilised as an initial first response in the event of a pollution incident prior to emergency services arriving.

NSW Fire Brigade Mayfield West also conduct inspections of the facility as part of their familiarisation of the location of dangerous goods and the location of safety devices should they ever be required to attend an incident at the Newcastle Regional Heliport.

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

A plan to deal with the eventuality of a pollution incident, including early warning mechanisms and contact details of persons authorised to implement the plan.

Aero Logistics Pty Ltd has a plan in place to deal with a pollution incident/ threat should it arise which includes the ongoing monitoring of all systems dealing with the safe storage of dangerous goods.

The plan includes the following procedures;

Regular weekly/ bi weekly inspections of fuel tank inspection hatches and monitoring wells observe and sample for any breach of the integrity of tanks and fuel bowser.

Regular “dipping” of the tanks and cross referencing to fuel sales and known volumes to ensure no loss of fuel.

In the event that a pollution incident does occur, staff will deploy the emergency spill kit and/or engage the facility’s fire suppression equipment. The following authorised personnel will as soon as practical contact OOO, notify NSW Fire Brigades, notify EPA, and notify any other relevant body.

Ben Smee 0405 010 672

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

Contact details of authorities that must be notified including 000 if there is an immediate threat to human health or property, and the local regulatory authority (council or EPA), Ministry of Health, Workcover Authority and NSW Fire & Rescue.

In the event of a pollution incident the following notification must take place;

1. First point 000 (FIRE, POLICE, and AMBULANCE) request any or all to attend depending on the incident.
2. Contact New South Fire Brigade (MAYFIELD WEST) closest agency equipped to assist in the event of a pollution incident.
3. Contact the NSW Environmental Protection Authority (EPA) 131555
4. Contact key personnel (Ben Smee 0405 010672).
5. Work Cover NSW 02 4321 5500

NEWCASTLE REGIONAL HELIPORT POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

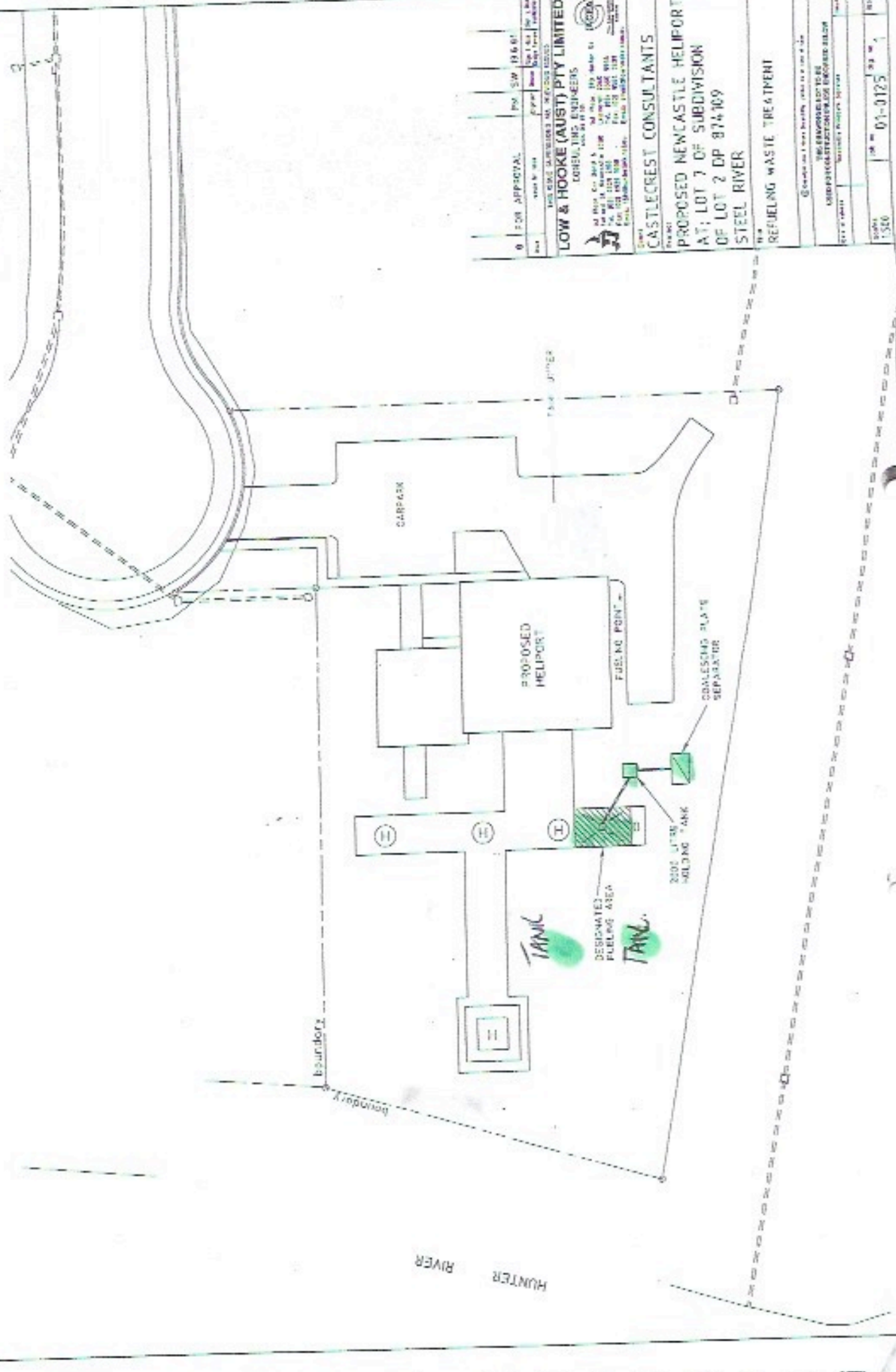
Staff training plan, and records of dates on which the plan will continue to be tested and maintained in the future.

All staff associated with the Newcastle Regional Heliport are to read this document and its attached Environmental Protection Plan every 6 months plus take part in a facility familiarisation on the same day to ensure that everyone is updated with any changes of preventative equipment and emergency procedures.

Each staff member upon completion of the above must sign and date this document as receipt of their understanding of the procedures and regulatory requirements of their employer.

DO NOT SCALE

REAR THIS DRAWING IN CONNECTION WITH DRAWING No.



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LOW & HOOKE (AUST) PTY LIMITED
CONSULTING ENGINEERS

100 RIVER ST, SYDNEY NSW 1500
PO BOX 100, SYDNEY NSW 1500
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WWW.LHENGINEERS.COM.AU

CASTLECREST CONSULTANTS

PROPOSED NEWCASTLE HELIPORT
AT LOT 7 OF SUBDIVISION
OF LOT 2 DP 874109
STEEL RIVER

REFUELING WASTE TREATMENT

DATE: 01-01-25

SCALE: 1:500