

Fertiliser Australia Conference
Ship to Shed: Meeting & Exceeding Community
Expectations Now and Into the Future
October 2018



Industry Profile

- Bulk Fertiliser enjoys a relatively low public profile comparative to other port users such as live animal export, coal, coal seam gas and uranium
- As an industry we must be proactive in maintaining this low profile – we must strive towards nil loss of containment events in the ship to shed process and further development of rigorous company and industry protocols to deal with critical incidents



Coexistence of Industry & Housing

Town planning policies which are generally underpinned by restricting/slowing urban sprawl, contributing to a flow on effect of;

- Encroachment of high density housing into industrialised areas including working ports (eg Port Adelaide, Hamilton)
- Current and potential impacts to industry include implementation of operating curfews (eg Hamilton Wharf scrap metal vessels), restricted access to roadways for certain heavy vehicle combinations eg Super B-Double
- Ever increasing and more rigid EPA guidelines/legislation *and*
 - A tendency to see Officers operating under an enforcement mentality rather than a 'working with industry' mentality
- *The developments announced today follow a number of initiatives by the government to revitalise the Port including:*
 -) *a new cycling and walking loop path around Inner Harbour*
 -) *a new beach at Cruickshank's Corner*
 -) *new 'pocket parks' around the Inner Harbour*
- *the purchase of Incitec Pivot site and moving fertiliser storage out of the Port*



Key Takeaway Messages

- *Maintaining compliance with the Fertiliser Handling COP and associated SOP should be of the highest priority for every industry partner*
- *Recognise there is a significant commercial value in getting it right each and every time*
- *Environmental stewardship is a shared responsibility*
- *Knowledge is Power – Better commitment to sharing 'environmental lessons learnt' between Industry partners*



Environmental Controls

October 2018



LINX Environmental Policy



- LINX has an Environmental Policy that details our commitment to minimise environmental harm from our operations.
- This Policy is displayed across our sites.

The image shows a document cover for the LINX Environmental Policy. It features the LINX logo at the top left and a larger version of the infinity symbol icon at the top right. The title "ENVIRONMENTAL POLICY" is centered below the logo. The text describes LINX's commitment to minimizing environmental impacts and lists ten key objectives. At the bottom, there are two signatures: Anthony Jones, CEO of LINX Cargo Care Group, and Sean Jeffries, CEO of LINX.

LINX

ENVIRONMENTAL POLICY

LINX is committed to conducting business activities in a way that minimises adverse environmental impacts and delivers continual improvement in environmental performance. To achieve this we will:

- Monitor and comply, at a minimum, with all applicable legal requirements and conduct activities in accordance with relevant industry codes and standards.
- Implement systems to prevent pollution, improve resource efficiency and minimise impacts on the communities in which we operate.
- Report and appropriately manage all environmental hazards, incidents, community complaints and legacy conditions.
- Incorporate environmental considerations into decision-making and procurement processes.
- Communicate openly with the community, regulators, customers and other stakeholders.
- Set and review internal environmental objectives and target, and implement programs to achieve these.
- Measure and report on our environmental performance to our internal and relevant external stakeholders.
- Implement verification processes to ensure compliance with this policy and to drive continuous improvement of our environmental performance.
- Deliver training and awareness programs to ensure our employees and contractors understand their environmental accountabilities and have the necessary skills to minimise the environmental risks and our operations.

Yours sincerely


Anthony Jones
CEO - LINX Cargo Care Group


Sean Jeffries
CEO - LINX

What are the Environmental Risks in Our Business?

- Uncontrolled spills (e.g. broken hydraulic lines, grabs opening, failure of tailgates)
- Tracking of product on to public roads from vehicles
- Product in waterways – including drains (even if no water is in drain), discharge in to stormwater, harbours, rivers
- Land contamination
- Dust emissions – tarping failures, stockpiles, site activities (unsealed yards), handling bulk cargo
- Noise emissions – mobile or fixed plant operations (breach of Environmental Licence or Council requirements)
- Failure to comply with Environmental Licence requirements – (e.g. not preparing and testing a Pollution Incident Response Management Plan, site monitoring conditions)

LINX Cargo Care Risk Management Standard



- Identifying environmental risk is a key component of planning for our operations.
- Environmental controls must be identified in our risk assessments, Job Safety Analysis, and Safe Work Instructions.

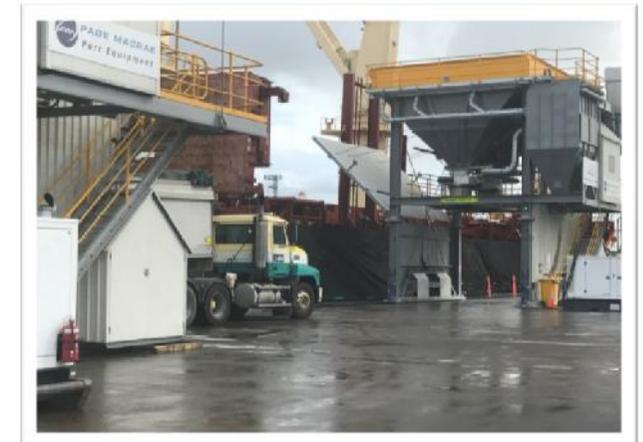
3.5. Risk Matrix

Likelihood	Consequences				
	5 Insignificant	4 Minor	3 Moderate	2 Major	1 Critical
1 Almost Certain	Low 15	Medium 10	High 6	Very High 3	Very High 1
2 Likely	Low 19	Medium 14	High 9	High 5	Very High 2
3 Possible	Very Low 22	Low 18	Medium 13	High 8	High 4
4 Unlikely	Very Low 24	Very Low 21	Low 17	Medium 12	High 7
5 Rare	Very Low 25	Very Low 23	Very Low 20	Low 16	Medium 11

Environmental Controls



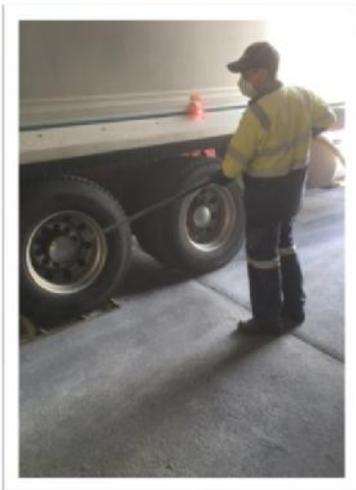
- Tarping of vessels
- Stopping work at identified wind speeds when loading/unloading bulk cargo from vessels
- Environmental hoppers at K2 – (hoppers are fitted with dust suppression system)
- Rattle grids in drives on our/port sites



Environmental Controls cont.



- Maintenance schedules for mobile plant and vehicles
- Spill kits on sites and in trucks
- All loads are covered prior to leaving site
- All grain locks leavers and tailgate hooks must be fully operational
- Blow down of vehicles in warehouses to prevent product spills/tracking
- Sweeper trucks on our/customer/port sites and roads



LINX Cargo Care Incident Reporting Standard



- An environmental incident or emergency is a sudden onset incident or disaster resulting from natural, technological or human-induced factors, or a combination of these, that cause or threatens to cause environmental damage as well as impacts on human lives and/or property.
- All environmental incidents must be reported in Lifeguard

Table 2: Actual and Potential Severity Classification Matrix

	Safety & Health	Property Damage	Environment
1 CRITICAL <i>(Critical impact, likely to permanently impair LINX's business and employees)</i>	<ul style="list-style-type: none"> • Employee/Contractor An event that results in one or more fatalities (FT) • Third Party/General Public An event that results in one or more fatalities due to LINX error or failure 	<ul style="list-style-type: none"> • An event resulting in extensive material damage and/or business interruption • Assets at unacceptable risk • (Impact >\$1m) 	<ul style="list-style-type: none"> • Severe event with permanent impact or chronic, wide-spread harm. (more than a year) • Prolonged, high profile litigation with Director Liability. • Widespread and long term community outrage. • Significant off-site evacuations required.
2 MAJOR <i>(Significant event, major disruption to or lasting impact on LINX's business and employees)</i>	<ul style="list-style-type: none"> • Employee/Contractor An event resulting in a permanently disabling injury (PDI) or greater than one week lost time (LTI) • Third Party/General Public An event resulting in multiple fatalities due to third party error 	<ul style="list-style-type: none"> • An event resulting in major material damage, business interruption and/or degradation of service • Impact on multiple areas of the business • Assets at major risk • (impact \$500k-\$1m) 	<ul style="list-style-type: none"> • Serious environmental harm with a long-term residual impact (up to a year) • Sustained and organised campaign by local community. • Limited off-site evacuations required. • Low level litigation and/or penalty notices.
3 MODERATE <i>(Material disruption to, or temporary impact on LINX's business and employees)</i>	<ul style="list-style-type: none"> • Employee/Contractors An event resulting in minor temporary ongoing disability or impairment (MTI) or less than one week time lost (LTI) • Third Party/General Public An event resulting in a fatality to a member of general public due to third party error (e.g. Level Crossing) 	<ul style="list-style-type: none"> • An event causing moderate material damage, business disruption and/or degradation of production, impact to multiple areas of the business. • Assets at risk • (impact \$100k-\$500k) 	<ul style="list-style-type: none"> • On site or localised off-site event with material environmental harm and/or short-term residual impacts (up to one month). • External complaints. • Localised on-site evacuation.
4 MINOR <i>(Minimal disruption to, or temporary impact on LINX's business and employees)</i>	<ul style="list-style-type: none"> • Employees/Contractors An event resulting in an injury requiring medical treatment but no on-going impairment or disablement or time lost (MTI) • Third Party/General Public An event resulting from apparent suicide 	<ul style="list-style-type: none"> • An event causing minor damage, business disruption, and/or degradation of service, limited to a single area of the business. • Assets at minor risk • (Impact \$10k-\$100k) 	<ul style="list-style-type: none"> • Moderate on-site release, without material harm or residual impacts. • Minor or technical breach of statutory environmental requirements. • One off external complaint.
5 INSIGNIFICANT <i>(Minor event, no impact on LINX's business and employees)</i>	<ul style="list-style-type: none"> • Employee/Contractors Injury requiring either no treatment or first aid only (NTI or FAI) 	<ul style="list-style-type: none"> • An event causing no measurable operational impact to the business. • (impact <\$10k) 	<ul style="list-style-type: none"> • Minor on-site release with negligible or no detrimental impacts. • Recovery without intervention. • No internal or external complaints.

Impacts to Our Business for Environmental Breaches

As well as the impact to the environmental, there are potential impacts to our business, which can include:

- Loss of Reputation – harm to our brand in the community, and with customers, including potential customers and contract renewals
- Financial penalties – Improvement Notices, fines, licensing fees, legal costs
- Loss of operating licenses