

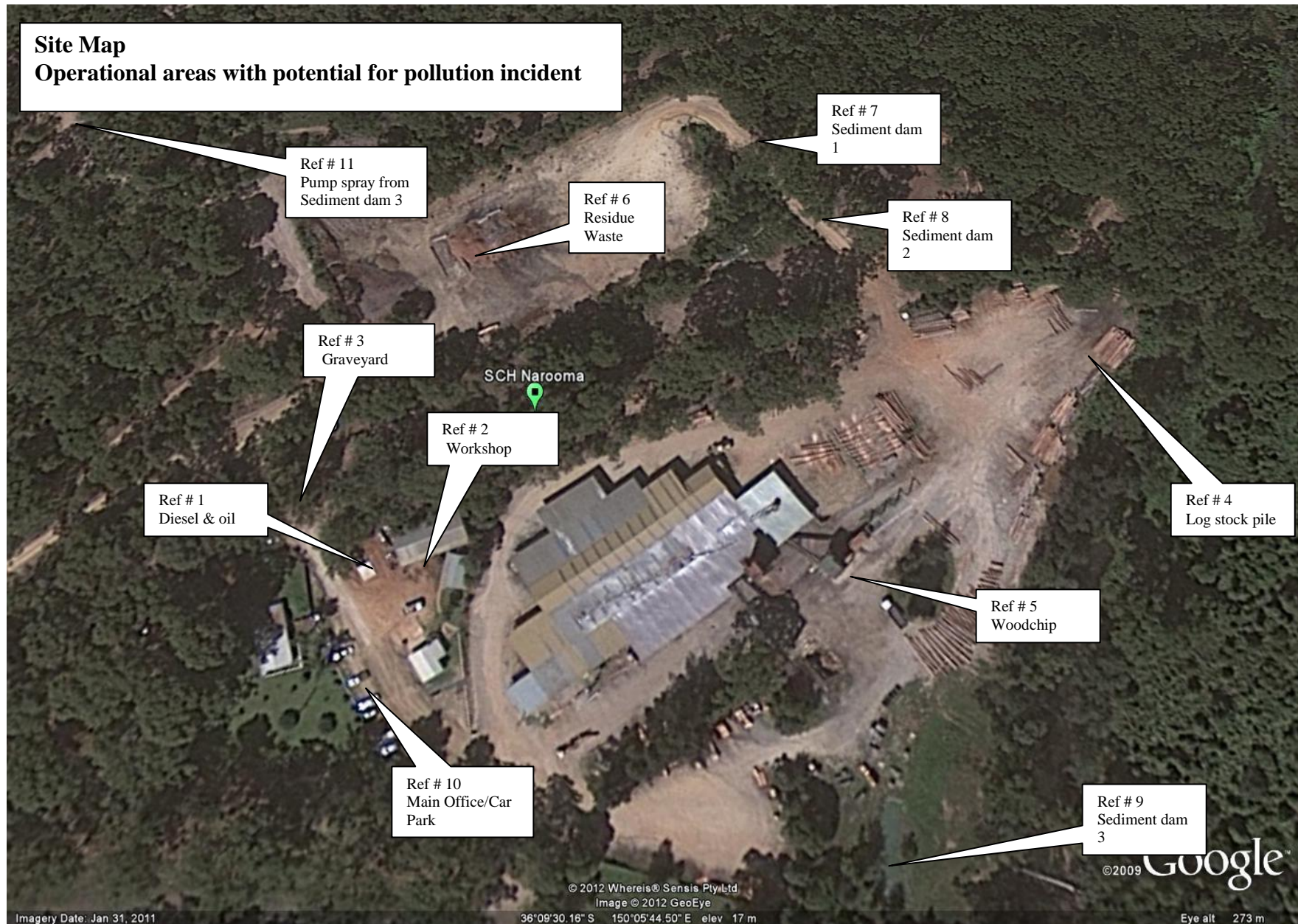


Boral Building Products

Pollution Incident Response Management Plan Narooma

Version 1 Revision 6: 7th November 2018





PIRMP Site Assessment Sheet

LIST OF POLLUTING SUBSTANCE STORAGES/USES AT SITE INITIAL ASSESSMENT (all Chemicals listed in this sheet are to be subjected to a risk assessment)							
Site Name: Narooma Timber Mill				Responsible Person: Shaun Jorgensen		Edition Date: 16/08/12 Revised: 8/11/18	
PIRMP Drill <ul style="list-style-type: none"> • Conducted 22:11:12 (incident #1 / 2 / 3 / 9) • Conducted 11:06:14 (incident #1 / 2 / 3 / 5/ 6 / 11) • Conducted 07:10:15(incident#2) • Conducted 12/10/16 (incident #4 / 7 / 8) • Conducted 09/10/17 (incident #4 / 7 / 8) • Conducted 08/11/18 							
Name / description	Covered under Hazardous Chemicals/MSDS?	Max amount stored	Location of storage	Map reference	Need for early warning ¹	Current controls	See Risk Ass & PIRMP Response Action (see Below)
CHEMICALS/FUELS/LUBRICANTS (raw materials and products which can cause pollution)							
Diesel	Class 3	3000 ltrs	Oil Storage Shed	Ref No 1	N/A	<ul style="list-style-type: none"> • Bunding • PMP • Training • Spill Kits • SOP • Inductions • Fire Fighting Equipment • Security • Emergency Response Sand/Sawdust 	Incident # 1-3

¹ Early warnings relate to informing neighbours who may be affected by the emission of this substance. If this substance is of a type and quantity which may reach neighbours then early warning assessment of actions is required to be undertaken.

						<ul style="list-style-type: none"> • Ground Water Monitoring Wells 	
Oils/Solvents	Class 3	Packaged goods up to 1500 ltrs	Oil Storage Shed	Ref No 1	N/A	<ul style="list-style-type: none"> • Bunding • PMP • Training • Flammable Cabinet • Spill Kits • Inductions • Fire Fighting Equipment • Security • Emergency Response Sand/Sawdust • Remediator – bio remediation of soils. • Ground Water Monitoring Wells 	Incident # 4
Lubricants, Gases	Class 2	Variable. Max at any time 500L.	Maintenance Workshop	Ref No 2	N/A	<ul style="list-style-type: none"> • Fire Extinguishers • Concrete Floor • Enclosed Shed • Containment Cages and flammable storage cabinet. 	No Incident Potential
Oils/Fuel	Class 3	Residuals-equipment drained	Redundant Plant and Equipment (Graveyard)	Ref No 3	N/A	<ul style="list-style-type: none"> • Audits/Inspections • Oils/Fuel drained prior to storage • Remediator • Bunding 	No Incident Potential
MATERIALS (e.g. stockpiles, silos, bulk solids etc)							

Log Stock Pile	N/A	Variable Max 2000tonne	Dedicated on site	Ref No 4	Local Rural Fire Brigade	<ul style="list-style-type: none"> • Emergency fire equipment. • Maintain manageable levels • Log stock takes. • Security 	Incident # 5
Woodchip	Refer to Boral's MSDS on Woodchip	Variable Max 500m3	Dedicated on site	Ref No 5	Local Bush Fire Brigade	<ul style="list-style-type: none"> • Emergency fire equipment • Maintain manageable levels • Security 	Incident # 5
Residue Waste	N/A	Variable. Max 100m3	Dedicated on site	Ref No 6	Local Bush Fire Brigade	<ul style="list-style-type: none"> • Emergency fire equipment • Maintain manageable levels • Security 	Incident # 5
AQUEOUS (e.g. dams, wastewater tanks, other water storage area)							
Dam 1 (Sediment)	N/A	Variable		Ref No 7	N/A	<ul style="list-style-type: none"> • Continue to irrigate to lower yard to maintain dam levels. • Sediment barrier. 	Incident # 6
Dam 2 (Sediment)	N/A	Variable		Ref No 8	N/A	<ul style="list-style-type: none"> • Continue to irrigate to lower yard to maintain dam levels. • Sediment barrier. 	Incident # 6
Dam 3 (Sediment)	N/A	Variable		Ref No 9	N/A	<ul style="list-style-type: none"> • Continue to irrigate to yard spray to maintain dam level. • Ensure pumps are maintained through scheduled maintenance • Sediment barrier 	Incident # 6

Ground Water Monitoring Wells	N/A	N/A	Site	N/A	N/A	<ul style="list-style-type: none"> Annual water monitoring. 	Incident # 11
Storm Water Drains	N/A	Variable	Site	N/A	N/A	<ul style="list-style-type: none"> Straw Bales Rubber and Earthen Berms Audits and Inspections 	Incident # 6
SUBSTANCES IN PROCESSES (substances which could be emitted from operational process i.e. treatment plants, vehicles etc)							
Name / description	Covered under Hazardous Chemicals/MSDS?	Amount stored	Location of storage	Map reference	Need for early warning²	Current controls	See Risk Ass & PIRMP Response Action (see Below)
Mobile Plant (onsite) BORAL	Class 3	Up to 6 mobile plant on site	Dedicated on site	N/A	N/A	<ul style="list-style-type: none"> Spill Kits Pre start checks PMP Training Emergency Response Sand/Sawdust Remediator – bio remediation of soils. 	Incident # 7
Mobile Plant Contractor/visitor	Class 3	Variable	Variable Locations	N/A	N/A	<ul style="list-style-type: none"> Spill Kits Pre start checks Training Inductions Emergency Response Sand/Sawdust Remediator – bio remediation of soils. 	Incident # 8
Car Parking up to 20 vehicles	Class 3	Variable	Site Office	Ref No 10	N/A	<ul style="list-style-type: none"> Spill Kits Training Emergency Response Sand/Sawdust 	Incident # 9

² Early warnings relate to informing neighbours who may be affected by the emission of this substance. If this substance is of a type and quantity which may reach neighbours then early warning assessment of actions is required to be undertaken.

						<ul style="list-style-type: none"> Remediator – bio remediation of soils. 	
Traffic Areas (dust, chem. leaks & loss)	Class 3	N/A	Dedicated on site	N/A	N/A	<ul style="list-style-type: none"> Training. Dust suppression system/water tank with pump. 	Incident # 10

IMPACT ON NEIGHBOURS ASSESSMENT – EARLY WARNINGS

Site Name: Narooma				Responsible Person: Shaun Jorgensen Site Manager		Date: 10/10/17	
Incident type/description	External Release (air, waterway etc)	Neighbors impacted/extent of impact	Communication methods Early warnings	Actions and other control measures (e.g. posting on website, community group meetings)			
N/A							

Emergency Drills Conducted

Date	Practice Drill Completed	Type of Drill	Rating 1-5 on Effectiveness	Comment
06/08/14	06/08/14	Fire (Wormald)	5 Highly Effective	Minimal Recommendations
11/06/14	11/06/14	Incident #1,2,3 Shaun Jorgensen – Site Supervisor Steven Kostiuik – HSE	4 Effective	Train Emergency Response Team on use of spill kit by 30 th Sept. 2012 Responsible – Shaun Jorgensen Follow Up – HSE Advisor
11/06/14	11/06/14	Incident #5 Shaun Jorgensen – Site Supervisor Steven Kostiuik – HSE	4 Effective	No actions required
11/06/14	11/06/14	Incident #6,11 Shaun Jorgensen – Site Supervisor Steven Kostiuik – HSE	5 Highly Effective	Dams are to be monitored and inspected for levels and integrity. Pumps are to be maintained through scheduled maintenance. Annual ground water monitoring program.
09/10/15	07/10/15	Incident # 12	4 Effective	Fit for Purpose size decanting containers

		Shaun Jorgensen- Site Supervisor		Ensure Spills Kits are maintained (free from spiders) Materials used in spills response from kit are listed to ensure re-stocking.
12/10/16	12/10/16	Incident # 4, 7,8 Steven Kostiuik – Acting Site Supervisor Les Medbury – HSR Mark English – Fitter	4 Effective	Ensure Spills Kits are maintained (free from spiders) Regular inspections of maintenance areas and drains.
09/10/2017	09/10/2017	Incident # 4, 7,8 Shaun Jorgensen Site Manager Les Medbury- HSR Mark English- Fitter	4 Effective	Regular inspections of maintenance areas and drains. Ensure Spill Kits stock levels are maintained and clear access to Spill Kits at all times.
Emergency Response Personnel				
Date	Names	Training Date	PIRMP Drill	Comment
10/09/14	Shaun Jorgensen Les Medbury Phil Woollett Mark English	06/08/14 06/08/14 06/08/14 06/08/14	11/06/14 11/06/14 11/06/14	
07/10/15	Shaun Jorgensen Les Medbury	07/10/15	07/10/15	
29/09/16	Mark English Les Medbury Shaun Jorgensen Nathaniel Rae	29/09/16	12/10/16	Environmental Awareness Training was conducted by Greg Ninnes on the 29/09/16
09/10/2017	Shaun Jorgensen Paul Riley Mark English Les Medbury	09/10/2017	09/10/2017	

RISK ASSESSMENT MATRIX

TABLE 1: Measures of Consequence

Value	Description	Impact
1	Incidental	No discernable impact or measurable impairment on habitat, species or natural environment (air, water, land).
2	Minor	Localised and measurable short term impact on habitat, species or natural environment.
3	Moderate	Localised and measurable medium term impact on habitat, species or natural environment.
4	Major	Extensive and measurable medium term impact on habitat, species, or natural environment.
5	Severe	Destruction of important populations of habitat, species, or natural environment.

TABLE 2: Qualitative measurement of how likely or probable the consequence will occur

Level	Likelihood	Description
1	Rare	The consequence is not expected in Boral / Has never been heard of in the Industry.
2	Unlikely	The consequence is possible in Boral / Has occurred in the Industry.
3	Possible	The consequence is possible at a Boral workplace at some time in the foreseeable future (next 10 years) / Has happened at Boral in past 10 years / Occurs annually within the Industry.
4	Likely	The event is expected at a site/local level in the foreseeable future (next few years) / Occurs within Boral more than once per year.
5	Almost Certain	The event is expected to occur several times a year at a site/local level.

TABLE 3: Qualitative Risk Matrix – Levels of Risk					
Consequence Likelihood	Incidental (1)	Minor (2)	Moderate (3)	Major (4)	Severe (5)
Almost Certain (5)	M (8)	H (14)	E (20)	E (22)	E (25)
Likely (4)	M (7)	M (10)	H (16)	E (21)	E (24)
Possible (3)	L (3)	M (9)	H (15)	H (18)	E (23)
Unlikely (2)	L (2)	L (5)	M (11)	H (17)	H (19)
Rare (1)	L (1)	L (4)	L (6)	M (12)	M (13)

RISK ASSESSMENT on POTENTIAL IMPACTS

Hazard and Likelihood Risk Assessment and Corrective Control Measures								
Narooma				Responsible Person SCH Operations Manager			Review Date 7 th November 2018	
Name of pollutant / chemicals	Description of Hazard / Incident leading to hazard	Consequence	Likelihood	Risk	Impact on Neighbours ³	Control Measures Corrective Action Coverage under other Plans	Responsible Person	Next Review Date
Diesel	Incident #1 Catastrophic failure of one/both above ground tanks	1	2	L2	N/A	Consequence: (incidental): Failure resulting in loss of all or substantial volume of tanks would be captured entirely by existing primary bund with no release to soil or water.	As per PIRMP action plan	7/11/19

³ If the incident may impact on neighbours then it will need to trigger the early warnings assessment and actions

						Likelihood: (unlikely): Due to location within bund, damage to tanks is unlikely to occur from external equipment. In addition tanks are maintained in good structural integrity with low risk of failure through corrosion.		
	Incident #2 Loss of diesel outside bund during refuelling/fuelling operations.	1	3	L3	N/A	Consequence: (incidental): Failure resulting in loss/leakage from fuelling or re-fuelling from hose, nozzle or plant/equipment would be captured by a secondary bund or spill kill with minimal release to soil. Likelihood: (possible): Due to location within the bund an incident while re-fuelling and fuelling is likely to occur on some occasions. Hoses and refuelling equipment are maintained with low risk of failure.	As per PIRMP action plan	7/11/19
	Incident #3 Loss of fuel within bunded area with leaking or open drain valve	1	2	L2	N/A	Consequence: (incidental): Failure resulting in loss of all or substantial volume of tanks would be captured entirely by primary bund with minimal release to soil. Likelihood: (unlikely): Drain valve, hoses and refuelling equipment are maintained in good structural integrity with low risk of failure The drain valve is locked at all times.	As per PIRMP action plan	7/11/19
Oils/Solvents	Incident #4 Loss of oils solvents inside bund during delivery and or use	1	2	L2	N/A	Consequence : (incidental): Failure resulting in loss of oils/solvents from packaged goods would be captured entirely by existing primary bund with no release to soil or water. Likelihood: (unlikely): Due to location within the bund, spillage during delivery and use is unlikely to occur. In addition hoses and decanting equipment are maintained in good structural integrity with low risk of failure.	As per PIRMP action plan	7/11/19
Log, Wood chip & Residue stockpiles	Incident #5. Spontaneous combustion or ignited fire	2	2	L5	Y	Consequence: (minor): Fire from stock piles causing loss off assets creating substantial smoke around the area. Likelihood: (unlikely): Stockpiles are maintained to a manageable level along with emergency equipment inspected on a monthly basis. Site caretaker residence on site.	As per PIRMP action plan	7/11/19
Dams 1-3	Incident #6 Catastrophic failure of one or more tannin dams releasing large volumes of tannin water into on-site and off-site water courses (i.e. creek).	2	2	L5	N/A	Consequence: (minor): Catastrophic failure of one or more sediment dams are likely to result in off-site impacts to water courses which would predominantly reduce water quality over a short period of time. As such, impact to the environment/human health is not considered to be significant. Likelihood: (unlikely): Dams are frequently monitored and inspected for levels and integrity.	As per PIRMP action plan	7/11/19

						Risk Assessment = Moderate Vs Unlikely = L (2) Note: For PIRMP purposes overflow events during extreme wet weather will be reported under POEO Licence obligations and not Immediate Reporting.		
Mobile Plant	Incident #7 Mobile plant, hydraulic hose or fuel tank failure	1	2	L2	N	Consequence: (incidental): Failure from fuel tank or hydraulic hoses would be maintain to a small localised area on site. Likelihood :(unlikely): Hose or fuel tank failure from mobile plant would be minimal as prestart and regular maintenance programs are in place to capture and prevent such occurrences. Spills kits also maintain and available in various areas. Remediator – bio remediation of soils.	As per PIRMP action plan	7/11/19
Mobile plant/ Contractor, Visitor	Incident # 8 Mobile plant, hydraulic hose or fuel tank failure	1	2	L2	N	Consequence: (incidental): Failure from fuel tank or hydraulic hoses would be maintain to a small localised area on site. Likelihood: (unlikely): Hose or fuel tank failure from mobile plant would be minimal as prestart and regular maintenance programs are in place to capture and prevent such occurrences. Spills kits also maintain and available in various areas. Inductions for all contractors demonstrating their accountabilities and responsibilities for reporting environmental incidents. Remediator – bio remediation of soils.	As per PIRMP action plan	7/11/19
Car Park	Incident # 9 Ruptured fuel tank	1	2	L2	N	Consequence: (incidental): Failure from fuel tank or hydraulic hoses would be maintain to a small localised area on site. Likelihood: (unlikely): Hose or fuel tank failure from mobile plant would be minimal as prestart and regular maintenance programs are in place to capture and prevent such occurrences. Spills kits also maintain and available in various areas	As per PIRMP action plan	7/11/19
Traffic areas (dust)	Incident # 10 Surface dust from mobile plant	1	2	L2	Y	Consequence: (incidental): Dust created form continuous mobile plant operations across site Likelihood :(unlikely): Main areas watered with fire hoses in high wind conditions	As per PIRMP action plan	7/11/19

Ground Water Monitoring	Incident #11 Migration of pollutants off site	3	2	M11	Y	Consequence: (moderate) Contamination of local waterways or ground water aquifers Likelihood: (unlikely) Annual ground water monitoring program implemented	As per PIRMP action plan	7/11/19
--------------------------------	---	---	---	-----	---	--	--------------------------	---------

PIRMP ACTION PLAN

Incident No 1

Incident No 1	<p>Catastrophic failure of one/both diesel tanks.</p> <p>Actions Required (by Shaun Jorgensen and PIRMP Team):</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Ensure bunds are capturing full volume of diesel • Ensure bund integrity is sound throughout the entire period of incident (i.e. periodic inspections) • Contact service provider (Caltex No. 1800033111 or Transpacific 02 96007185) to pump-out bund contents • Area to be restricted to Emergency Response Personnel • Ensure spill kit available for any release from bund • If any release from bund onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination. • Repair/replace tanks • Refuel tanks <p>Inspect bund for ongoing serviceability</p>
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Attila Balazs) • Call service provider (Shaun Jorgensen staff) • Spill Kit manager (Emergency Response Personnel) <p>Periodic inspections and update reporting of site and bund (Shaun Jorgensen)</p>
Scale of incident	Incident would be restricted to chemical storage area with minimal external impact, however, potential for bund overflow or failure may result in soil and surface water contamination that will require specialist investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness HSE Manager <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	See SOPs: Incident Management (SOP GRP-OHS-052)

Incident No 2

Incident No 2	<p>Loss of Fuel due to filling and refueling from one/both diesel tanks.</p> <p>Actions Required (by Shaun Jorgensen and PIRMP Team):</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Ensure bunds are capturing full volume of diesel • Ensure bund integrity is sound throughout the entire period of incident (i.e. periodic inspections) • Contact service provider (Caltex No. 1800033111 or Transpacific 02 96007185) to pump-out bund contents • Area to be restricted to Emergency Response Personnel • Ensure spill kit available for any release from bund • If any release from bund onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination. • Repair/replace tanks • Refuel tanks <p>Inspect bund for ongoing serviceability</p>
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Call service provider (Shaun Jorgensen) • Spill Kit manager (Emergency Response Personnel) • Periodic inspections and update reporting of site and bund (Shaun Jorgensen)
Scale of incident	Incident would be restricted to chemical storage area with minimal external impact. However, potential for bund overflow or failure may result in soil and surface water contamination that will require specialist investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness HSE Manager <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	See SOPs: Incident Management (SOP GRP-OHS-052)

Incident No 3

Incident No 3	<p>Failure of drain valve on bund Actions Required (by Shaun Jorgensen and PIRMP Team)</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Ensure bunds are capturing full volume of diesel • Ensure bund integrity is sound throughout the entire period of incident (i.e. periodic inspections) • Contact service provider (Caltex No. 1800033111 or Transpacific 02 96007185) to pump-out bund contents • Area to be restricted to Emergency Response Personnel • Ensure spill kit available for any release from bund • If any release from bund onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination. • Repair/replace tanks • Refuel tanks <p>Inspect bund for ongoing serviceability</p>
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Call service provider (Shaun Jorgensen) • Spill Kit manager (Emergency Response Personnel) <p>Periodic inspections and update reporting of site and bund (Shaun Jorgensen)</p>
Scale of incident	Incident would be restricted to chemical storage area with minimal external impact. However, potential for bund overflow or failure may result in soil and surface water contamination that will require specialist investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Management (SOP GRP-OHS-052)

Incident No 4

Incident No 4	<p>Loss off oil/solvents, packaged goods</p> <p>Actions Required (by Shaun Jorgensen and PIRMP Team)::</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Ensure bunds are capturing full volume of oil/solvents • Ensure bund integrity is sound throughout the entire period of incident (i.e. periodic inspections) • Contact service provider (Caltex No. 1800033111 or Transpacific 02 96007185) to pump-out bund contents • Area to be restricted to Emergency Response Personnel • Ensure spill kit available for any release from bund • If any release from bund onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination. • Inspect bund for ongoing serviceability
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Call service provider (Shaun Jorgensen) • Spill Kit manager (Emergency Response Personnel) • Periodic inspections and update reporting of site and bund (Shaun Jorgensen)
Scale of incident	Incident would be restricted to chemical storage area with minimal external impact. However, potential for bund overflow or failure may result in soil and surface water contamination that will require specialist investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Management (SOP GRP-OHS-052)

Incident No 5

Incident No 5	<p>Fire in stockpiles of Logs, woodchip and waste residue Actions Required (by Shaun Jorgensen and PIRMP Team)</p> <ul style="list-style-type: none"> • Contact all relevant people/departments (refer to Immediate Reporting Contact Sheet) • Area to be restricted to Emergency Response Personnel • Environmental Consultants to be engaged to investigate and remediate contamination if required
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Call Emergencies services • Periodic inspections and update reporting of site (Shaun Jorgensen)
Scale of incident	Incident would be restricted to chemical storage area with minimal external impact. However, potential for bund overflow or failure may result in soil and surface water contamination that will require specialist investigation/remediation.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Management (SOP GRP-OHS-052)

Incident No 6

Incident No 6	<p>Failure of one or more tannin dams Actions Required (by Shaun Jorgensen and PIRMP Team)</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Ensure bund integrity is sound throughout the entire period of incident (i.e. periodic inspections) • Contact local neighbours if going to be inundated by rise of water • Area to be restricted to Emergency Response Personnel • If any release from site onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination if any • Contact local contractor to rebuild dams immediately
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Call service provider (Shaun Jorgensen) • Periodic inspections and update reporting of site (Shaun Jorgensen)
Scale of incident	Catastrophic failure of one or more tannin dams are likely to result in off-site impacts to water courses which would predominantly reduce water quality over a short period of time. As such, impact to the environment/human health is not considered to be significant.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Consultants to be contacted to advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Management (SOP GRP-OHS-052)

Incident No 7

Incident No 7	<p>Mobile plant, hydraulic hose or fuel tank failure</p> <p>Actions Required:</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Area to be restricted to Emergency Response Personnel • Ensure spill kit available for any release from mobile plant & equipment in general operational areas • In the event that any losses/leaks occur near the creek, containment or diversion structures are to be constructed by on site loader using soil/sand/ or other suitable material to prevent migration to the creek • If any release from mobile plant onto unsealed soil/surface water is investigated and remediated immediately • Call service provider to inspect plant & equipment for serviceability
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Call service provider (Shaun Jorgensen) • Spill Kit manager (Emergency Response Personnel)
Scale of incident	Incident would be localized to the area with no external impact.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of diesel and advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Management (SOP GRP-OHS-052)

Incident No 8

Incident No 8	<p>Mobile plant, hydraulic hose or fuel tank failure from contractors / visitors</p> <p>Actions Required (by Shaun Jorgensen and PIRMP Team)</p> <ul style="list-style-type: none"> • Contractor/Visitor to notify site representative of issue immediately. (induction) • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Area to be restricted to Emergency Response Personnel • Ensure spill kit available for any release from mobile plant & equipment in general operational areas • If any release from mobile plant onto unsealed soil/surface water is investigated and remediated immediately • Call service provider to inspect plant & equipment for serviceability
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Call service provider (Shaun Jorgensen) • Spill Kit manager (Emergency Response Personnel)
Scale of incident	Incident would be localized to the area with no external impact.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of contaminates.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Management (SOP GRP-OHS-052)

Incident No 9

Incident No 9	<p>Car Park/ fuel tank failure</p> <p>Actions Required (by Shaun Jorgensen and PIRMP Team)</p> <ul style="list-style-type: none"> • Contractor/Visitor to notify site representative of issue immediately. (induction) • Area to be restricted to Incident Response Personnel • Ensure spill kit available for any release from mobile plant • If any release from mobile plant onto unsealed soil/surface water is investigated and remediated immediately • Call service provider to inspect plant & equipment
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Spill Kit manager (Emergency Response Personnel)
Scale of incident	Incident would be localized to the area with no external impact.
Evacuate	Only if fire or explosion potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<p>Internal:</p> <ul style="list-style-type: none"> • Operations Manager • Greg Ninness <p>External mandatory:</p> <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	Service Provider to dispose of contaminate
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Management (SOP GRP-OHS-052)

Incident No 10

Incident No 10	Dust from traffic areas Actions Required: <ul style="list-style-type: none"> • Employees, Contractor/Visitor to notify site representative of issue immediately. (induction) • Daily monitoring to be undertaken to capture whether and site conditions • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Dust suppression activity to commence immediately on unsealed roads
Alarm raising	Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.
Emergency Controller	<ul style="list-style-type: none"> • Shaun Jorgensen (reporting to Greg Ninness) • Site Supervisor to instruct site personnel (Shaun Jorgensen)
Scale of incident	Incident would be localized to the area with no external impact.
Evacuate	Only if fire or potential exists. Site Supervisor and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	Internal: <ul style="list-style-type: none"> • Operations Manager External mandatory: <ul style="list-style-type: none"> • Immediate Reporting Contact Sheet to be used if required External non-mandatory: N/A
Rescuer / respondent + safety checks	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Rescue + First Aid	As per Site Emergency Plan or Fire Department as part of Immediate Reporting
Clean up and Waste disposal	N/A
Reporting and re-preparedness	See SOPs: <ul style="list-style-type: none"> • N/A

Incident No 11

Incident No 11	<ul style="list-style-type: none"> Ongoing Ground Water Monitoring (12 monthly)
Alarm raising	If ground water monitoring results indicate potential migration off site, National Environmental Manager to be informed
Emergency Controller	<ul style="list-style-type: none"> Shaun Jorgensen (reporting to Greg Ninness)
Scale of incident	Groundwater results to be reviewed by National Environmental Manager for any further action/notification.
Evacuate	N/A
Communications	<p>Internal:</p> <ul style="list-style-type: none"> Operations Manager <p>External mandatory:</p> <ul style="list-style-type: none"> Immediate Reporting Contact Sheet to be used if required <p>External non-mandatory: N/A</p>
Rescuer / respondent + safety checks	N/A
Rescue + First Aid	N/A
Clean up and Waste disposal	<ul style="list-style-type: none"> National Environmental Manager to advise
Reporting and re-preparedness	<ul style="list-style-type: none"> National Environmental Manager to advise

PIRMP Audit

The objectives of an audit are to maintain compliance with this plan. Internal audits of this Plan will be undertaken every 3 years.

Routine testing of the plan will be conducted annually, and can be completed through the following methods:

- Simulated environmental emergency, or
- Desktop simulations.

PIRMP Review

Boral Timber Narooma will review this management plan routinely every 12 months. The Plan review will include:

- This Document, and
- Legislation, Approval and Licence changes.

Events which may trigger a review of this Plan or its associated documents include:

- Within 1 month of reporting to the nominated parties in accordance with the plan, after a pollution incident, or
- Modification/Improvement to the system

Revisions are to be coordinated by the Site Supervisor and Environmental Representative. The objectives of a review are:

- To maintain compliance with the statutory requirements, and
- To identify opportunities for improvement in the Plan, and reduce the risk to human health and the environment

BORAL PIRMP NOTIFICATION/ PROCEDURE RECORD SHEET

SITE DETAILS

Site Name	Site Address	Responsible Person
-----------	--------------	--------------------

Notification Procedure

- Incident to be communicate to Greg Ninness immediately (0401895073)
- GN will consider if incidents requires EPA notification
- If NOT site supervisor to provide periodic updates of incident status to GN for evaluation on weather EPA or other parties will need to be notified
- If Yes GN to call necessary parties of incident and communicate response back to site, GN to receive and provide updates to necessary parties

For the coordination of emergency response teams refer to site emergency procedures.

GOVERNMENT AGENCY CONTACT LIST

(document date and time of contact and who contacted) (Police contact is only required if considered necessary)

EPA Contact: 131 555	Fire Brigades Contact: 000	WorkCover Contact:
Date and Time: Person making contact: Instructed Actions:	Date and Time: Person making contact: Instructed Actions:	Date and Time: Person making contact: Instructed Actions:
Time of arrival	Time of arrival	Time of arrival

Local Government Contact: After Hours emergency	Department of Health Contact:Base Hospital ----- Public Health Unit Environmental Health: 149 377	Local Police Contact:
Date and Time: Person making contact: Instructed Actions:	Date and Time: Person making contact: Instructed Actions:	Date and Time: Person making contact: Instructed Actions:
Time of arrival	Time of arrival	Time of arrival

INCIDENT DETAILS		
Location of Incident:	Emission Type (air, water, land etc):	Scale of the incident (litres/ m³ involved):
Date and Time of the Incident:	Internal Persons involved:	
Chemicals /substances involved		
Process Involved		
Details of the incident		
Main Areas/ sensitive areas of concern e.g. water courses, drains etc		
OTHER CONTACTS IF REQUIRED Y/N		
Community Group Contact	Neighbour 1	Neighbour 2
Date and Time: Person making contact: Contact method:	Date and Time: Person making contact: Contact method:	Date and Time: Person making contact: Contact method:
Neighbour 3:	Neighbour 4	Neighbour 5
Date and Time: Person making contact: Contact method:	Date and Time: Person making contact: Contact method:	Date and Time: Person making contact: Contact method:

Protocol for industry notification of pollution incidents

Extract from www.environment.nsw.gov.au website

Recent changes to Part 5.7 of the *Protection of the Environment Operations Act 1997* (POEO Act) specify new requirements relating to the notification of pollution incidents.

The changes take effect from 6 February 2012 and require the occupier of premises, the employer or any person carrying on the activity which causes a pollution incident to immediately notify each relevant authority (identified below) when material harm to the environment is caused or threatened. The following information and procedures may assist those responsible for reporting a pollution incident.

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, notify the relevant authorities in the following order. The 24-hour hotline for each authority is given when available:

- the appropriate regulatory authority (ARA) for the activity under the POEO Act (usually the EPA or local authority) – the local authority is a local council of an area under the Local Government Act 1993), the Lord Howe Island Board for Lord Howe Island, or the Western Lands Commissioner for the Western Division (except any part of the Western Division within the area of a local council)
- the EPA, if it is not the ARA – phone Environment Line on 131 555
- the Ministry of Health via the local Public Health Unit – see www.health.nsw.gov.au/publichealth/infectious/phus.asp
- the WorkCover Authority – phone 13 10 50
- the local authority if this is not the ARA
- Fire and Rescue NSW – phone 000.

The appropriate contact for the relevant local authority and Public Health Unit will vary. All necessary contact numbers should be found in advance and stored for immediate access should a pollution incident need to be notified. These contact numbers should also be identified in the Pollution Incident Response Management Plan prepared for the premises.

Complying with these notification requirements does not remove the need to comply with any other obligations for incident notification, for example, those that apply under other environment protection legislation or legislation administered by WorkCover.

Last Update – 08/02/2015 - G Ninness NSW/ACT HSE Advisor