

Boral Building Products

Pollution Incident Response Management Plan

Boral Timber

Summerland Way, Koolkhan NSW 2460

Lot 12 DP 818056

EPL 1437

Reviewed 05/04/2017

Main Site Map



Local Authority
Clarence Valley Council

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Overview

Boral Timber own and operate a Sawmilling operation and Timber Treatment facility at Summerland Way, Kooklhan in New South Wales. The land totals 31.75 ha and is zoned Industrial 4 (a).

The first plant was constructed in the 1960s and in 1983 Boral absorbed BMI and Allen Taylor to create the business it is today.

The process involves receiving logs which are sawn into timber. Selected species are treated and then packed and stored in the yard prior to dispatch. The by-products are woodchips and sawdust. 96% of total sawn timber is processed by Boral internally. Treated timber is 48% of the total. E.g. 52,642 m³ of logs yield 17,710 m³ of sawn timber.

The site has a series of dams with the first Tannin dam having the capability of being pumped out and irrigated onto the top of the site when levels are too high. It also has been designed with an overflow drain taking any excess into the first of three residue dams. Each dam, once capacity has been reached, will flow into the next one down. The last dam has recently been deepened and the lower bank increased to give it more holding capacity. The area surrounding the residue dams is kept well maintained and mown, therefore any concerns with the dam levels or integrity will easily be noticed and acted upon.

The site employees approximately 34 people with operating hours being Monday to Friday. Logs are, however received over weekends.

Responsibilities

Michael Thomas - Plant Manager - ph. 02 6644 7280

Greg Ninness – BBP HSE Advisor - 02 6581 9024 or 401 895 073

Training

All staff must be inducted onto site.

Visitors onto site must be accompanied by an inducted person/employee

All staff must be trained in Emergency Spill Response

All staff must be trained in Emergency Response Procedures

All relevant staff must be trained in the safe use of Dangerous Goods and Hazardous Substances including appropriate PPE

Testing of the Plan

The Plant Manager will be the person responsible for implementing, reviewing, testing and updating the Plan.

The Plan will be tested within one month of an environmental incident or annually if no incidents occur within that time period.

A documented drill will be carried out listing what the proposed emergency was, how staff reacted to the emergency, what actions were carried out, what lessons were learnt, what subsequent actions were entered into SiteSafe.

Incidents

Following an environmental incident resulting in Material Harm, the five authorities who must be notified immediately are;

- EPA – Environment Line 131 555
- Ministry of Health via Public Health Unit Ph: 02 6620 7585.
Pager Service: 1300 555 555. Communicable Disease: 48073. Environmental Health: 149 377. If no answer phone: Mob 0417 244 966 or Mob 0407 904 280
- WorkCover 131 050
- Fire and Rescue NSW - ph 000
- Clarence Valley Council – 02 6643 0200 a/h 02 6626 6858

A written report will be submitted to the relevant authorities within seven days following a notifiable incident.

Definition –

Material Harm

Harm to the environment is material if:

- It involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or
- 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
- 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.

The Plan

This plan will be kept on site and also within the company's database.

The whole plan will be available to an authorized officer on request and to any person responsible for implementing the plan.

The plan, excluding any personal information will be publicly available to any person who makes a written request for it.

SITE PLAN KOOLKHAN

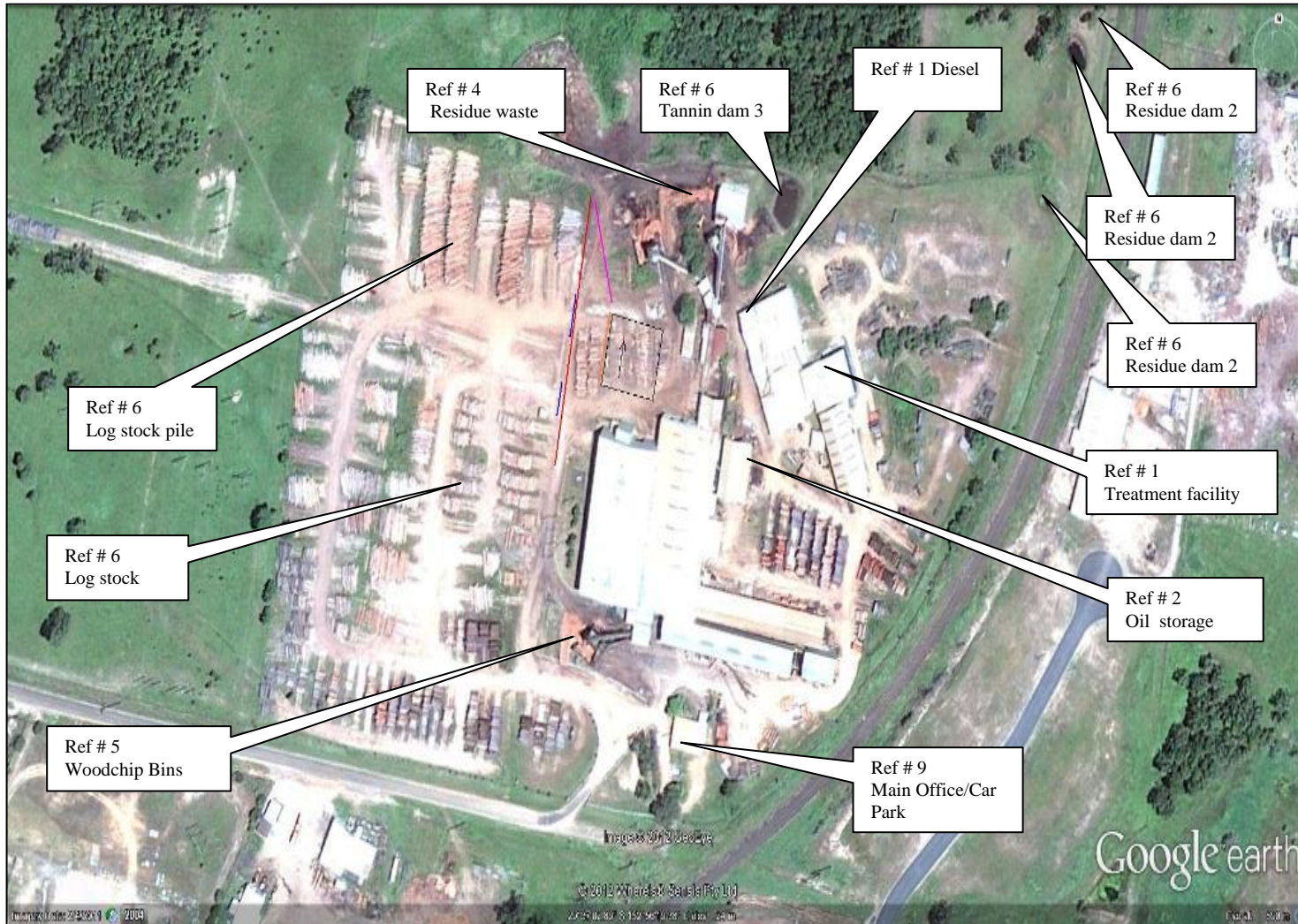
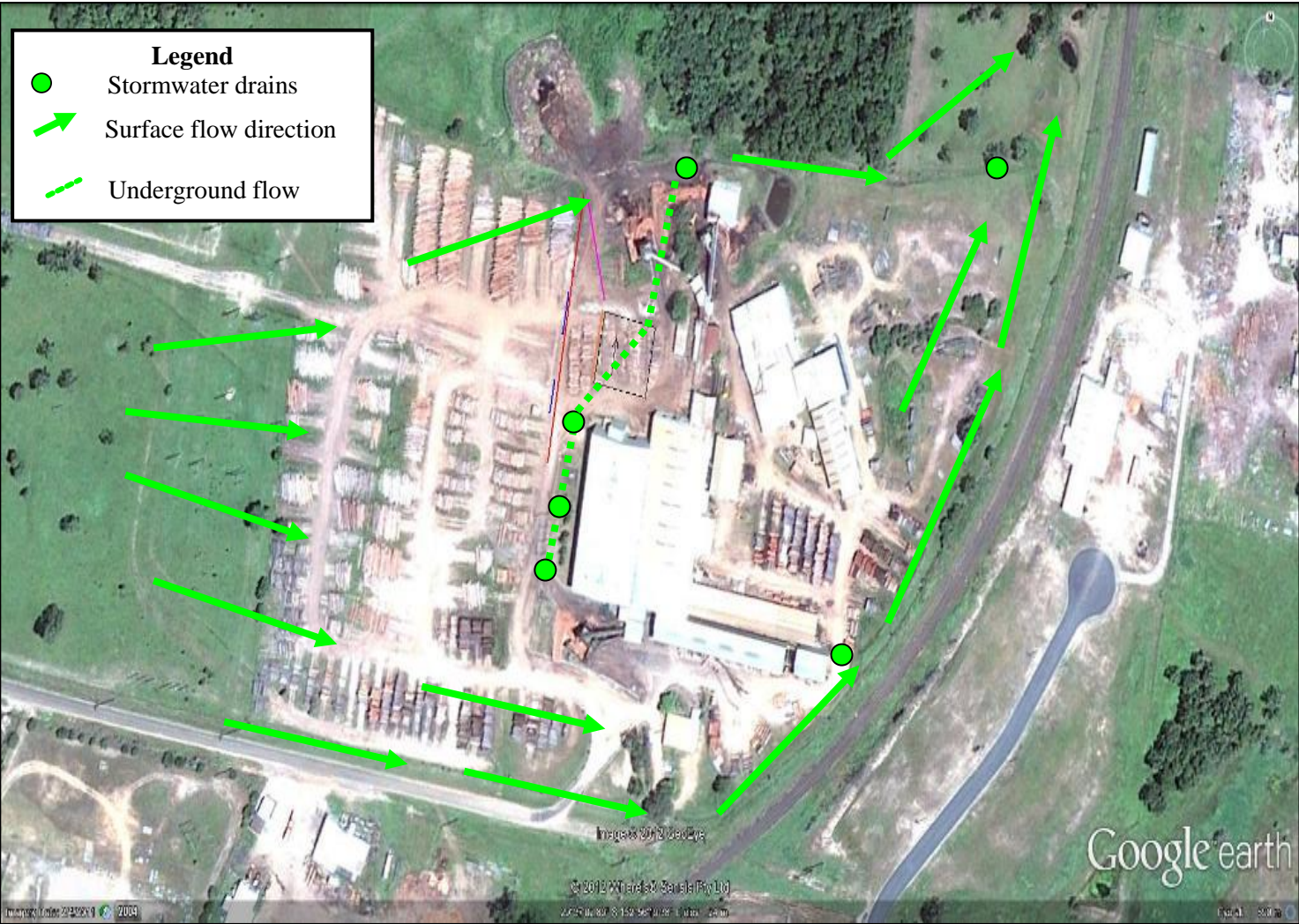


Figure 2: Storm water and direction of potential overflow areas



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 Koolkhan					Responsible person Site Manager		Date 20/08/2017
Name / description	Covered under Haz Chemicals/MSDS?	Amount stored	Location of storage	Map reference	Need for early warning ¹	Current controls	See Risk Ass & PIRMP Response Action (see Below)
CHEMICALS (raw materials and products which can cause pollution)							
Diesel	Class 3	9000ltrs	Maintenance shed	Ref No 1	N/A	<ul style="list-style-type: none"> • Bunding • PMP • Training • Spill Kits • Inductions 	Incident # 1-3
Oils/Solvents	Class 3	Packaged goods up to 1000 ltrs	Maintenance shed	Ref No 2	N/A	<ul style="list-style-type: none"> • Bunding • PMP • Training • Spill Kits • Inductions 	Incident # 4
MATERIALS (eg stockpiles, silos, bulk solids etc)							
Log Stock pile	NA	Variable	Dedicated on site	Ref No 6	Local Bush Fire Brigade	<ul style="list-style-type: none"> • Emergency fire equipment • Maitain manageable levels • Security 	Incident # 5

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.

Woodchip Bins	Refer to Boral's MSDS Untreated hardwood timber pieces – Dated February, 2014	Variable	Dedicated on site	Ref No 5	Local Bush Fire Brigade	<ul style="list-style-type: none"> • Emergency fire equipment • Maitain manageable levels • Security 	Incident # 5
Residue waste	NA	Variable	Dedicated on site	Ref No 4	Local Bush Fire Brigade	<ul style="list-style-type: none"> • Emergency fire equipment • Maitain manageable levels • security 	Incident # 5
AQUEOUS (eg dams, wastewater tanks, other water storage area)							
Dam 1 (Tannin)	No	Variable		Ref No 3	N/A	<p>Continue to irrigate during windy hot days to maintain levels of dams.</p> <p>Ensure pumps are maintained through Mex maintenance system</p>	Incident # 6
Residue 2 (Tannin)	No	Variable		Ref No 9	N/A	<p>Continue to irrigate during windy hot days to maintain levels of dams.</p> <p>Ensure pumps are maintained through Mex maintenance system</p>	Incident # 6

Residue 3 (Tannin)	No	Variable		Ref No 10	N/A	Continue to irrigate during windy hot days to maintain levels of dams. Ensure pumps are maintained through Mex maintenance system	Incident # 6
Residue 4 (Tannin)	No	Variable		Ref No11	N/A	Continue to irrigate during windy hot days to maintain levels of dams. Ensure pumps are maintained through Mex maintenance system	Incident # 6
SUBSTANCES IN PROCESSES (substances which could be emitted from operational process i.e. treatment plants, vehicles etc)							
Name / description	Covered under Haz 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 4 MP	Dedicated on site	NA	N/A	<ul style="list-style-type: none"> • Spill Kits • Pre start • PMP • Training 	Incident # 7
Mobile plant (onsite) Contractor/visitor	Class 3	Variable	Dedicated on site	NA	N/A	<ul style="list-style-type: none"> • Spill Kits • Pre start • Training • Inductions 	Incident # 8
Car Parking up to 30 vehicles	Class 3	Variable	Site Office	Ref No 7	N/A	<ul style="list-style-type: none"> • Spill Kits • Training 	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.

Traffic areas (dust, chem. leaks & loss	Class 3	NA	Dedicated on site	Site map	N/A	<ul style="list-style-type: none"> • Training • Water cart 	Incident # 10
Treatment facility		Variable	Treatment tank	Ref No # 8		<ul style="list-style-type: none"> • Bunding • PMP • Training • Spill Kits • Inductions 	Incident # 13

IMPACT ON NEIGHBOURS ASSESSMENT – EARLY WARNINGS

<i>Site Name</i> Koolkhan				<i>Responsible person</i> Site Manager		<i>Date</i> 20/08/2012	
Incident type/description	External Release (air, waterway etc)	Neighbours impacted/extent of impact	Communication methods Early warnings	Actions and other control measures (eg posting on website, community group meetings)			
Dust off site	Air		Phone				
Smoke from burning fire	Air		Phone				
Release from tannin dams	Waterway		Phone				

RISK ASSESSMENT MATRIX

		Likelihood of environmental harm occurring		
		Certain	Likely	Less likely
Level of potential environmental impact	High	Code red	Code red	Code orange
	Moderate	Code red	Code orange	Code yellow
	Low	Code orange	Code yellow	Code yellow

RISK ASSESSMENT on POTENTIAL IMPACTS

Hazard and Likelihood Risk Assessment and Corrective Control Measures								
BBP Site Koolkhan			Responsible Person Plant Manager & HSE Officer			Review Date 22 April, 2017		
Name / ref of pollutant/ chemicals	Description of Hazard / Incident leading to hazard	Level of impact	Likelihood	Risk	Impact on neighbours ³	Control Measures Corrective Action Coverage under other Plans	Responsible person	Action date
Diesel	Incident #1 Catastrophic failure of above ground tank (9000ltrs)	Low	Less likely		N/A	Consequence: (Low): Failure resulting in loss of all or substantial volume of tank would be captured entirely by existing bund and no release to soil or water. Likelihood: (Less likely): Due to location within bund, damage to tanks is unlikely to occur from external equipment. In addition tank is maintained in good structural integrity with low risk of failure through corrosion.	As per PIRMP action plan	When required
	Incident #2 Loss of diesel outside bund during refuelling/fuelling operations.	Moderate	Less likely		N/A	Consequence: (Moderate): Failure resulting in loss of all or substantial volume of tanks would be captured entirely by secondary bund and minimal release to soil. Likelihood: (Less likely): Due to location within the bund an incident while re-fuelling & fuelling is unlikely to occur. In addition, hoses and refuelling equipment are maintained in good structural integrity with low risk of failure.	As per PIRMP action plan	When required
	Incident #3 Loss of fuel within bunded area with leaking or open drain valve	Low	Less Likely		N/A	Consequence: (Low): Failure resulting in loss of all or substantial volume of tanks would be captured entirely by secondary bund and minimal release to soil. Likelihood: (Less likely): 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	When required

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

Oils/Solvents	Incident #4 Loss of oils solvents inside bund during delivery and or use	Low	Less Likely		N/A	Consequence :(Low): Failure resulting in loss of oils/solvents from packaged goods would be captured entirely by existing bund and no release to soil or water. Likelihood :(Less likely): Due to location within the bund, delivery & 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	When required
Log, Wood chip & Residue stockpiles	Incident #5. Spontaneous combustion or ignited fire	Low	Less Likely		Y	Consequence: (Low): Fire from stock piles causing loss of assets creating substantial smoke around the area Likelihood :(Less likely): Stockpiles are maintained to a manageable level along with emergency equipment maintained on a monthly basis. Security monitors site activities 24hrs a day	As per PIRMP action plan	When required
Dams 1-4	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. creeks? River).	Low	Less Likely		Y	Consequence: (Low): 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. Likelihood: (Less likely): Dams are frequently monitored and inspected for levels and integrity. Note: For PIRMP purposes overflow events during extreme wet weather will be reported under POEO Licence obligations and not Immediate Reporting.	As per PIRMP action plan	When required
Mobile Plant	Incident #7 Mobile plant, hydraulic hose or fuel tank failure	Low	Less Likely		N	Consequence: (Low): Failure from fuel tank or hydraulic hoses would be contained to a small localised area on site. Likelihood :(Less likely): 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 maintained and available in various areas.	As per PIRMP action plan	When required
Mobile plant/ Contractor, Visitor	Incident # 8 Mobile plant, hydraulic hose or fuel tank failure	Low	Less Likely		N	Consequence: (Low): Failure from fuel tank or hydraulic hoses would be maintain to a small localised area on site. Likelihood :(Less likely): Hose or fuel tank failure from mobile plant would be minimal as prestart and regular	As per PIRMP action plan	When required

						maintenance programs are in place to capture and prevent such occurrences. Spills kits also maintained and available in various areas. Inductions for all contractors stating their accountabilities and responsibilities for reporting environmental incidents.		
Car Park	Incident # 9 Ruptured fuel tank	Low	Less Likely		N	Consequence: (Low): Failure from fuel tank or hydraulic hoses would be contained to a small localised area on site. Likelihood :(Less likely): 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 maintained and available in various areas	As per PIRMP action plan	When required
Traffic areas (dust)	Incident # 10 Surface dust from mobile plant	Low	Less Likely		Y	Consequence: (Low): Dust created from continuous mobile plant operations across site Likelihood :(Less likely): A fully maintained water cart will be utilised in high wind conditions	As per PIRMP action plan	When required
Onsite treatment facility	Incident # 13 Catastrophic failure of door seal/tank failure	Low	Less Likely		N	Consequence :(Low): Failure resulting in loss of chemicals from treatment tank would be captured on site Likelihood :(Less likely): Treatment tanks are frequently monitored and inspected for levels and integrity.	As per PIRMP action plan	When required

Action Test Records

<p>Plans Test Date: 21/03/13</p> <p>Plans Test Date: 28/01/14</p> <p>Plans Test Date: 08/07/15</p> <p>Plans Test Date: 26/05/16</p> <p>Plans Test Date: 05/04/17</p>	<p>Incident Tested: No. 4 - Loss of oil/solvents, packaged goods - 2013</p> <p>Incident Tested: No. 4 Loss of hydraulic fluid to surrounding area under equipment - 2014</p> <p>Incident Tested: No 2 The simulated incident scenario used for this event was to test a site contractor's ability to react to an emergency oil spill - 2015</p> <p>Incident Tested: No. 4 - Loss off oil/solvents, packaged goods - driver was reviewing backwards and rear of the truck clipped a 44 gallon oil drum of chain and bar oil. - 2016</p> <p>Incident Tested: No. 4 - Loss off oil/solvents, packaged goods - See Incident Report Date - 2017.</p>	<p>Comments:</p> <p>2017 Incident - MVM Carpi Automatic knife grinder from the Saw-shop was tipped over spilling coolant solution over the saw shop floor.</p>
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PIRMP Based Training				
Training	Next Scheduled	Completed	Provider	Targeted Audience
PIRMP Awareness	March 2018	Y	Leslie Webb	Supervisors and Employees
Emergency Response (general)	April 2018	Y	3 rd Party	Emergency Response Team
Emergency Response (i.e. Fire)	April 2018	Y	3 rd Party	Operational Employees
Environmental Awareness	April-2018		Leslie Webb	Operational Employees

PIRMP RESPONSE ACTIONS

Incident No 1

Incident No 1	<p>Catastrophic failure of diesel tanks.</p> <p>Actions Required:</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 Incident 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 • 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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call service provider (Site Manager) • Spill Kit manager (Supervisor) <p>Periodic inspections and update reporting of site and bund (Site Manager)</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. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

Incident No 2

Incident No 2	<p>Loss of Fuel due to filling and refueling from one/both diesel tanks.</p> <p>Actions Required:</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 Incident 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 • Inspect bund for ongoing serviceability
Alarm raising	<p>Any personnel involved or witnessing incident to report to immediate supervisor and PIRMP actions to be implemented.</p>
Emergency Controller	<ul style="list-style-type: none"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call service provider (Site Manager) • Spill Kit manager (Supervisor) • Periodic inspections and update reporting of site and bund (Site Manager)
Scale of incident	<p>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.</p>
Evacuate	<p>Only if fire or explosion potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.</p>
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</p>
Rescuer / respondent + safety checks	<p>As per Site Emergency Plan or Fire Department as part of Immediate Reporting</p>
Rescue + First Aid	<p>As per Site Emergency Plan or Fire Department as part of Immediate Reporting</p>
Clean up and Waste disposal	<p>Service Provider to dispose of diesel and advise on required clean-up.</p>
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

Incident No 3

Incident No 3	<p>Failure of drain valve on bund</p> <p>Actions Required:</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 Incident 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 • 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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call service provider (Site Manager) • Spill Kit manager (Supervisor) • Periodic inspections and update reporting of site and bund (Site Manager)
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. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

Incident No 4

Incident No 4	<p>Loss of oil/solvents, packaged goods</p> <p>Actions Required:</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 Incident 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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call service provider (Site Manager) • Spill Kit manager (Supervisor) • Periodic inspections and update reporting of site and bund (Site Manager)
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. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

Incident No 5

Incident No 5	<p>Fire in stockpiles of Logs, woodchip and waste residue</p> <p>Actions Required:</p> <ul style="list-style-type: none"> • Contact all relevant people/departments (refer to Immediate Reporting Contact Sheet) • Area to be restricted to Incident 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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call Emergencies services • Periodic inspections and update reporting of site (Site Manager)
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. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call or Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

Incident No 6

Incident No 6	<p>Failure of one or more tannin dams</p> <p>Actions Required:</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 Incident 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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call Emergencies services • Periodic inspections and update reporting of site (Site Manager)
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. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

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 Incident Response Personnel • Ensure spill kit available for any release from mobile plant & equipment • 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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call service provider (Site Manager) • Spill Kit manager (operator)
Scale of incident	Incident would be localized to the area with no external impact.
Evacuate	Only if fire or explosion potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

Incident No 8

Incident No 8	<p>Mobile plant, hydraulic hose or fuel tank failure from contractors / visitors</p> <p>Actions Required:</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 Incident Response Personnel • Ensure spill kit available for any release from mobile plant & equipment • 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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call service provider (Site Manager) • Spill Kit manager (operator)
Scale of incident	Incident would be localized to the area with no external impact.
Evacuate	Only if fire or explosion potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

Incident No 9

Incident No 9	<p>Car Park/ fuel tank failure</p> <p>Actions Required:</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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Spill Kit manager (site personnel)
Scale of incident	Incident would be localized to the area with no external impact.
Evacuate	Only if fire or explosion potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

Incident No 10

Incident No 10	<p>Dust from traffic areas</p> <p>Actions Required:</p> <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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Site operations manager to instruct site personnel
Scale of incident	Incident would be localized to the area with no external impact..
Evacuate	Only if fire or potential exists. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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	N/A
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • N/A

Incident No 11

Incident No 13	<p>Loss of chemical from treatment facility</p> <p>Actions Required:</p> <ul style="list-style-type: none"> • Contact all relevant people/department (refer to Immediate Reporting Contact Sheet) • Ensure tank & area integrity is sound throughout the entire period of incident (i.e. periodic inspections) • Contact service provider Osmostics Chemicals 0419711775 or 0887231399 for an emergency • Area to be restricted to Incident Response Personnel • Ensure spill kit available for any release from area • If any release from area onto unsealed soil/surface water - Environmental Consultants to be engaged to investigate and remediate contamination. • Inspect transformer 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"> • Site Manager (reporting to Greg Ninness – HSE Advisor Timber 0401895073) • Call service provider (Site Manager) • Spill Kit manager (Supervisor) • Periodic inspections and update reporting of site (Site Manager & operator)
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. Plant Manager and any advice provided by Fire Dept as part of attendance after immediate notification.
Communications	<ul style="list-style-type: none"> • Site Manager / Supervisor to call Greg Ninness 0401 895 073 (available on 24 hours basis) and provide information as detailed in the BBP PIRMP Notification Record Sheet. Greg must be periodically updated with respect to incident status until situation is controlled and no on-going human or environmental threat exists. • Attila or Greg to consider threat to human health risks when receiving incident status updates. If high risk is identified Attila or Greg will provide guidance on further communication requirements to relevant parties. <p>Communications procedures for coordinating relevant authorities refer to site emergency procedures</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 d contaminants and advise on required clean-up.
Reporting and re-preparedness	<p>See SOPs:</p> <ul style="list-style-type: none"> • Incident Investigation GRP-OHS-052 • Emergency Planning and Response GRP-OHS-053

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 Date and Time: Person making contact: Contact method:	Neighbour 1 Date and Time: Person making contact: Contact method:	Neighbour 2 Date and Time: Person making contact: Contact method:
Neighbour 3: Date and Time: Person making contact: Contact method:	Neighbour 4 Date and Time: Person making contact: Contact method:	Neighbour 5 Date and Time: Person making contact: Contact method: