



**FEDERATION OF PILING SPECIALISTS
ACCIDENT INCIDENT RATES
FOR THE QUARTER ENDED 30.06.2017**

Accidents (per thousand at risk)	Qtr Ended 30.06.17	Qtr Ended 31.03.17	Qtr Ended 31.12.16	Qtr Ended 30.09.16	Qtr Ended 30.06.16
Quarterly Incidence Rate	2.88	3.88	5.08	4.44	4.09
Annual Incidence Rate	20.58	16.68	18.10	15.89	15.68

Quarterly Incidence Rate – Specified (Major) Injuries	0.79	1.21	1.52	1.66	0.24
Annual Incidence Rate – Specified Injuries	6.86	4.55	4.16	2.80	2.18

Quarterly IR – all RIDDOR reportable	1.57	2.43	2.03	3.61	1.92
AIR – all RIDDOR reportable	4.45	5.09	5.08	5.55	4.33

Agency / Subcontract / Self Employed					
Non-employees (No. of accidents)	0	0	0	0	0

Dangerous Occurrences (non-injury)	1	0	0	0	0
------------------------------------	---	---	---	---	---

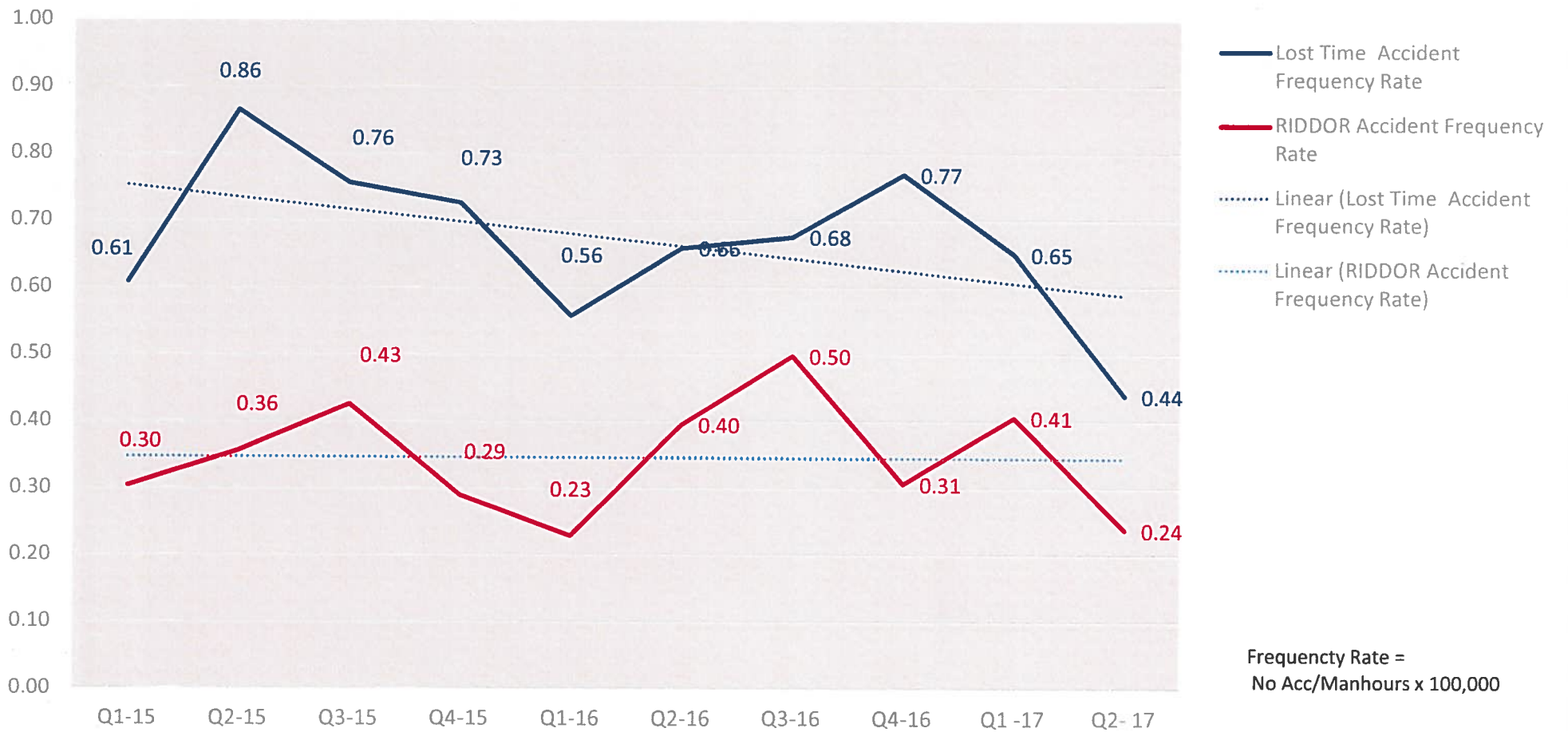
Number of Members Making Returns	19	19	18	18	18
Number of Members with No Accidents	11	11	9	7	2

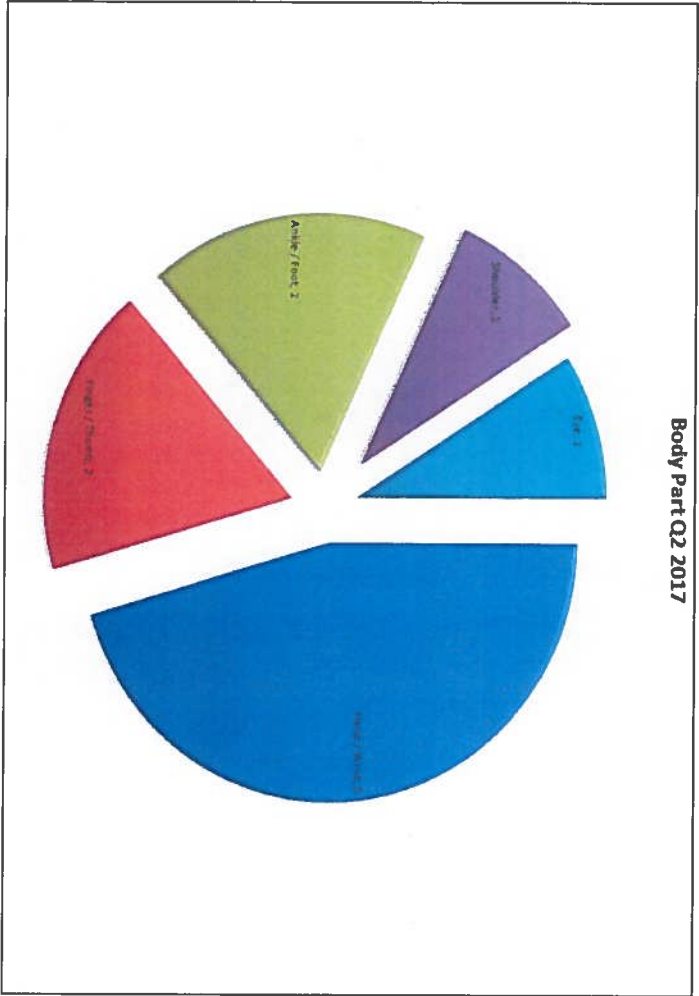
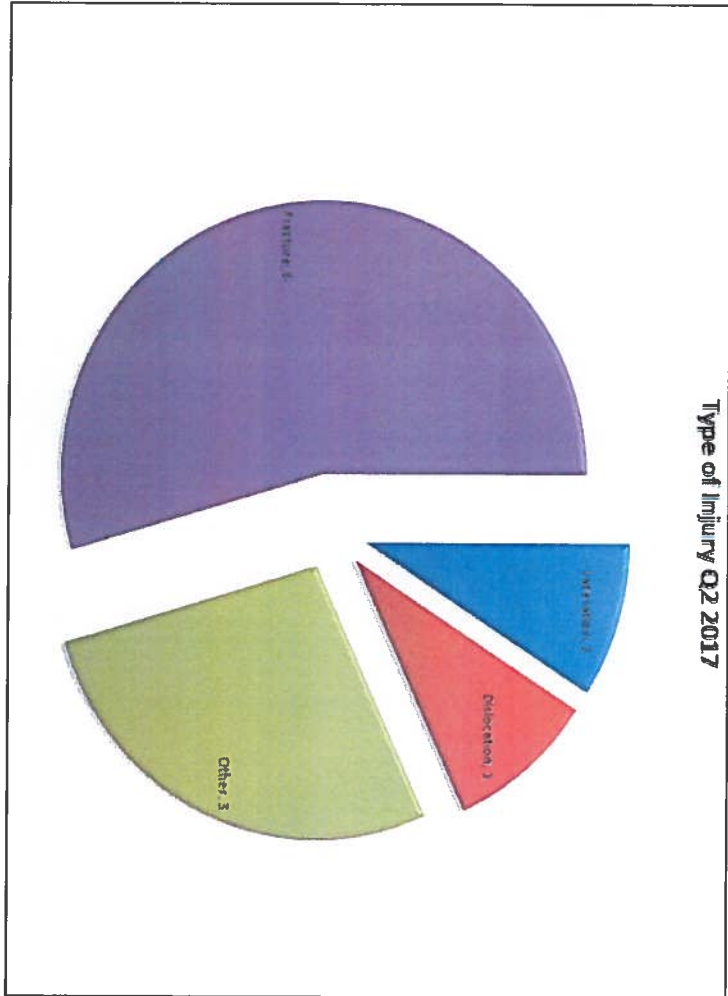
Service Strikes					
Electricity	0	1	2	2	5
Gas	1	2	2	0	0
Water	3	3	0	3	4
Other	0	1	2	1	1
Total	4	7	6	6	10
No. with Permit to Work in place	4	7	6	5	10

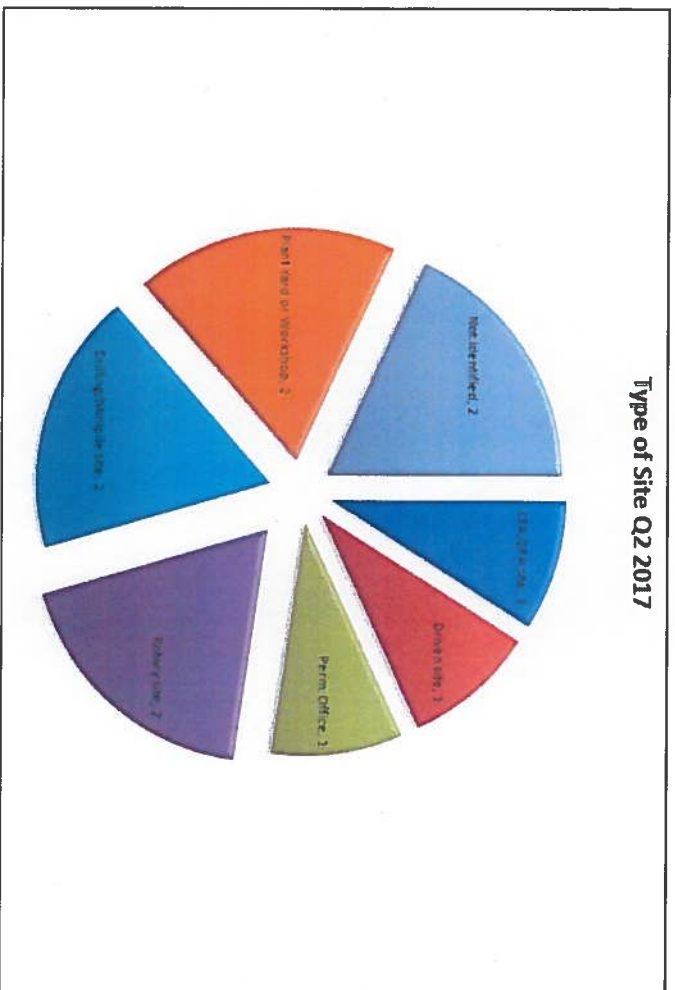
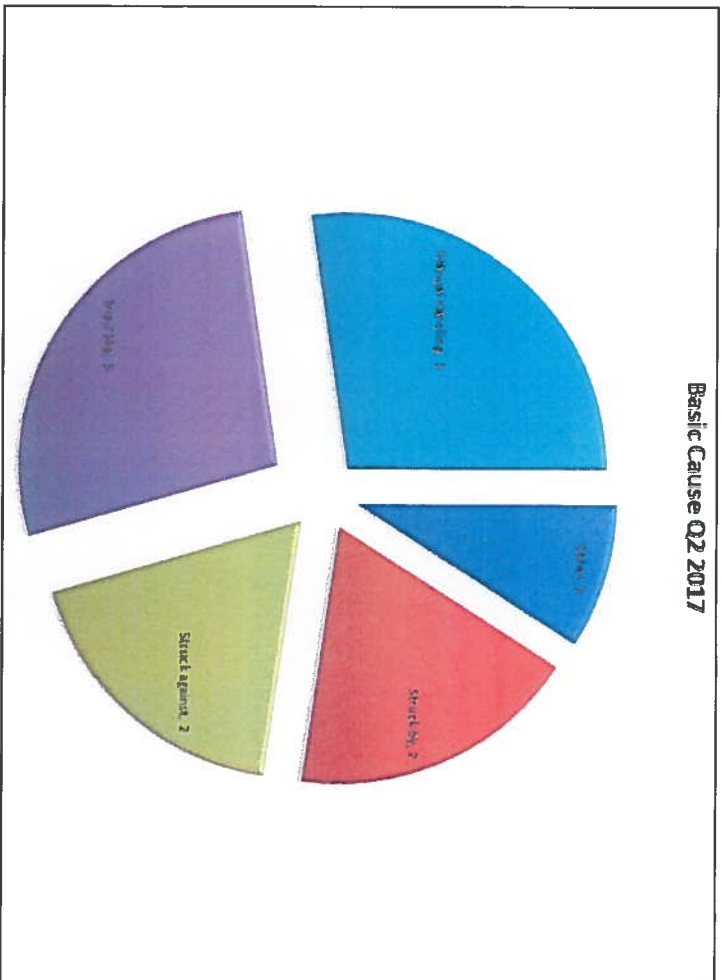
Quarterly Incident Rate = (Number of accidents / Number at risk) x1000

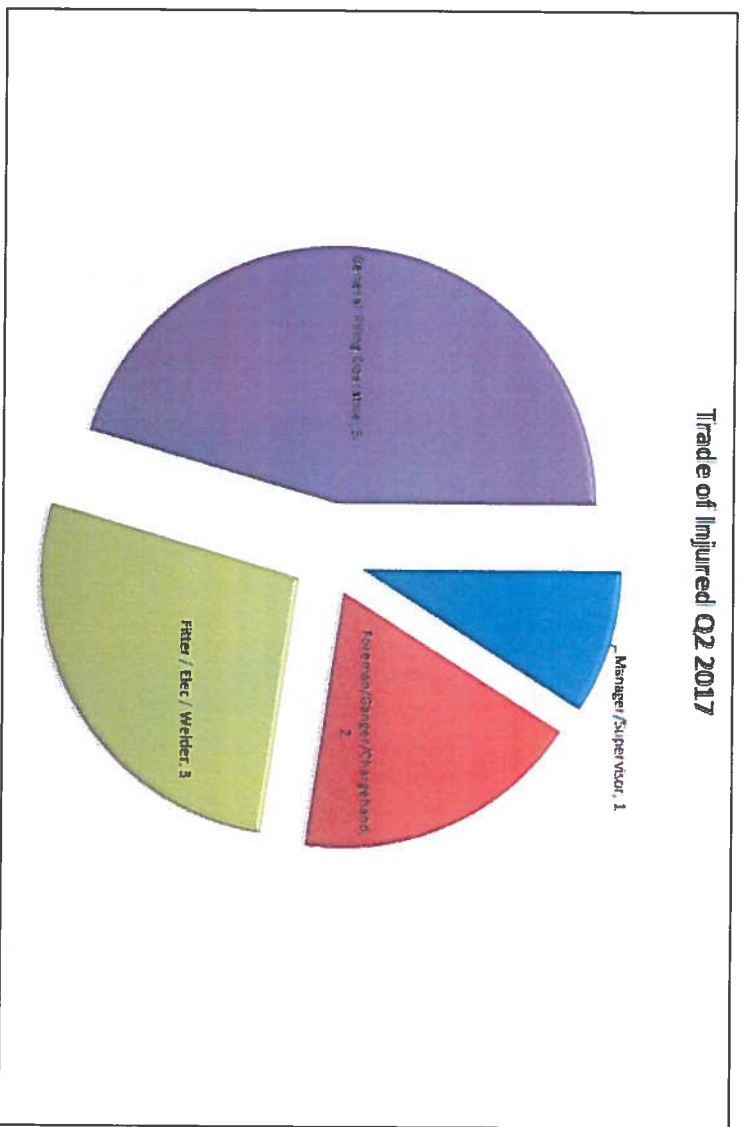
Please note: Quarter ended 30.06.2017 includes accidents of 1 day+

QUARTERLY - ACCIDENT FREQUENCY RATES 2015 - Q2 2017









SERVICE STRIKES - Q2/2017

Approx. Date	Electricity	Gas	Water	Other (please specify)	Was a Permit to Work in place?	Details
31/05/2017			1		Yes	As the site crew were installing a vibro flot on column 86, as they extracted the vibro flot they noticed it looked very wet and within seconds water was starting to come out of the bored hole and puddled around the hole.
01/06/2017		1			Yes	Client not coming forward with incident sheet. Pile set out by engineer on top of gas line.
04/04/2017			1		Yes	RB beaming subcontractor were digging plot 203 down to pile cut off levels and went through a temporary water pipe feeding the site compound.
04/04/2017			1		Yes	Permit and service plans did not indicate temporary water supply. Client (Persimmon Homes) arranged the repair and diversion of the pipe.

Total: 0 1 3 0

Overall Number of Service Strikes: 4

ref	Accident Severity / Category	Date of accident (dd/mm/yy)	Age	Nº years experience	Shift start time (24 Hr)	Time of accident (24 Hr)	Place of Accident	Foundation Site Activity	Function / Trade (at time of accident)	Activity of IP (at time of accident)	Body part Injured	Type of Injury	Basic cause	Outline / Description
2017/096	1 - 7 day LTA	27/04/17	37	>3 years	7.30	16:45	Site	Not identified	Foreman/Ganger/Chargehand	Walking	Shoulder	Dislocation	Trip / Slip	the IP tripped on rough ground and fell awkwardly onto his shoulder resulting in a dislocated shoulder
2017/097	1 - 7 day LTA	05/02/17		< 1 year	7.30	13:00	Site	Drilling/Multiple site	General Piling Operative	Welding	Eye	Other	Other	the IP suffered arc eye from accidental exposure to weld flash
2017/098	Specified (Major) Injury	19/04/17	27	< 1 year	7.30	14:00	Site	Drilling/Multiple site	General Piling Operative	Mechanical handling	Ankle / Foot	Fracture	Struck by	The IP was lowering a DTH hammer to the ground using the aux line in front of the rig when he lost control of it. It swung and struck his ankle
2017/099	Danger Occurrence	25/05/17			7.30	14:00	Site	Drilling/Multiple site				D.O. no injy		Boat Deltabase 102 drilling rig installing soil nails to stabilise and embankment, overturned when it was put into an unstable position by the machine operator. Working cross carriage, 20degree inclination, drilling away from the operators position, with boom elevated attempting to pull off an installed nail protruding 1.2m from the face. Operator had the rotary head 2/3rd up the mast, control table fully out, and slewed the boom to the left to clear the nail. Manufacturer calculated machine was unstable, not clear in manual. No Injury. Awaiting bulletin from Manufacturer
2017/100	+7 day LTA	05/04/17	20	< 1 year	7.00	09:00	Site	Rotary site	General Piling Operative	Other	Finger / Thumb	Laceration	Struck against	During piling operations the IP was relocating a twister bar(see photo) and whilst landing the bar at ground level the IP trapped his right hand ring finger between the lifting chain and twister bar lip.
2017/101	1 - 7 day LTA	31/05/17	59	>3 years	08:00	13:50	Other	Perm. Office	Manager/Supervisor	Walking	Ankle / Foot	Fracture	Trip / Slip	IP stepped onto the pavement leading with the left foot and slipped backwards into the gutter. IP did stagger but didn't fall, felt some pain, when checked at hospital four days later was identified as having a broken bone. Employee returned to work and is undertaking normal duties, which are generally home based, no time was lost.
2017/102	+7 day LTA	07.04.2017	31	>3 years	7.00	09:00	Site	CFA/DFA site	General Piling Operative	Manual Handling - Assembling	Hand / Wrist	Fracture	Manual handling	IP was connecting lengths of 40mm Gawi Bars on wooden chocks, upon completion IP rolled the connected bar sideways off the chocks trapping his finger between the two bars
2017/103	+7 day LTA	09.05.2017	64	>3 years	7.00	18:00	Yard	Plant Yard or Workshop	Fitter / Elec / Welder	Manual Handling - other manual handling	Hand / Wrist	Other	Manual handling	IP was lifting parts out of the company van in the yard. A part spun around and twisted the IP's right hand.
2017/104	Specified (Major) Injury	27.06.2017	27	< 1 year	7.00	08:30	Site	Driven site	General Piling Operative	Manual Handling - other manual handling	Hand / Wrist	Fracture	Manual handling	Winching 12" pile towards rig pile was heading towards an already installed pile sticking out the ground IP grabbed the lifting chain to assist the pile causing an injury on his left wrist.
2017/105	1 - 7 day LTA	08/06/17	52	>3 years	8.00	12	Workshop	Plant Yard or Workshop	Fitter / Elec / Welder	Maintenance	Finger / Thumb	Fracture	Struck by	The IP was trying to loosen a nut at the back of the mast when the spanner slipped resulting in him striking another part of the mast fracturing his finger
2017/106	1 - 7 day LTA	10/04/17	33	>3 years	08:00:00	08:30	Site	Rotary site	Foreman/Ganger/Chargehand	Walking	Hand / Wrist	Fracture	Trip / Slip	IP was walking down a set of haki stairs when he lost his footing and fell backwards. The IP fell backwards causing him to put his hands out to break his fall. In doing this, he reported pain and swelling to his right hand, after first aid on site it was advised he visited hospital for a checkup. Subsequent to this checkup and X-Ray the IP was diagnosed with a fracture to his right hand, above the finger knuckle but below the wrist.
2017/107	Specified (Major) Injury	06/04/17	30		08:00	09:35	Site	Not identified	Fitter / Elec / Welder	Maintenance	Hand / Wrist	Other	Struck against	Whilst removing the exhaust rain flap from the Piling rig the spanner slipped from the bolt/nut causing the fitter to burn his left forearm on the hot exhaust

Minor Incident	03/04/17	9:45	Vibro / Ground stab'n site	discharge	Wear & Tear	During normal operations the Loading Shovel Operator noticed an oil leak from the engine compartment of the Vibro Rig. The Shovel Operator informed the Rig Driver to stop immediately. Approximately 1ltr had spilled during the burst.
Minor Incident	07/04/17	07:12	Drilling/Mixpile site	discharge	Principal Contractor Drawings/ Plans	While constructing pile 13 we hit a 225mm dia redundant storm water drain which was not marked on any service plans. The level of the concrete in the pile dropped and entered the pipe.
Intermediate Incident	13/04/17	14:45	Drilling/Mixpile site	discharge	Principal Contractor Drawings/ Plans	SFA piling (350mm diameter, 5.5m deep pile normally requiring approx. 0.5m ³ of concrete). On one particular pile position a loss of 2.0m ³ occurred. On investigation this was lost in a water drainage system which was not detailed within any of the relevant plans, drawings or permits.
Minor Incident	04/05/17	11:00	Driven site	discharge	Wear & Tear	A hose has burst, leaking approximately 1 litre of hydraulic oil into the platform.
Minor Incident	04/05/17	11:00	CFADFA site	Spill	Training	Lorry driver picked up 1100ltr diesel bowers from site, didn't check bunded area and as he drove diesel splashed out of bunded area all over lorry bed and through on to the road.
Minor Incident	10/05/17	13:00	Vibro / Ground stab'n site	Waste	Main Contractor not clear site properly	While pre-boring the ground conditions suddenly changed. Polythene, cables, timbers and other waste materials were then found buried in the ground.
Minor Incident	10/05/17	20:00	Rotary site	Spill	Fitting on hose had blown off	here was a bentonite spillage (approx. 5L3 to 10L3) on site which ran under the site hoardings onto the public footpath and road. Potential risk of slips, trips and falls.
Minor Incident	15/05/17	09:00	Rotary site	Spill	the pipe may have been tapered with or possibly a manufacturing fault	An Operative advised that they were conducting pile installations when they started pumping bentonite to the piles. The pump was turned on and then a leak was noticed on the pipe. The pump was then turned off straight away, however an unknown amount of bentonite was spill. The pipe was then inspected and found to have a spill, even though it is brand new.
Minor Incident	19/05/17	07:30	Rotary site	Spill		It was noticed that there had been a large spillage of bentonite in the bentonite farm. Approximately 250l of bentonite had overflowed and soaked into the soil.
Minor Incident	19/05/17	11:45	Rotary site	Spill		there was a leak from a hydraulic hose onto the casing vibrator. The vibrator was immediately turned off. Spill kits were immediately deployed. The spillage has been contained and cleaned. The spillage was onto hard standing located within a flood plain. There has not been any incursion into watercourses.
Near miss	22/05/17	14:30	Rotary site	Spill	Hydraulic hose failure	Whilst pressurising the clamps on the casing extractor, one of the hydraulic hoses had a severe failure causing a sudden spray of hydraulic oil. The affected area was treated with granules and oil mats
Minor Incident	23/05/17	16:00	Driven site	Spill	Loose fitting on cropper	A digger with a cropper attached cropping the piles down. One of the fittings on the cropper came loose, spilling approximately 50ml of hydraulic oil onto the platform.
Minor Incident	25/05/17	12:00	Rotary site	discharge	Power pack connection failure	While starting up the power pack the female hydraulic connection started to leak oil. Approximately half a litre was spill onto the piling platform.
Minor Incident	25/05/17	15:30	Plant Yard or Workshop	discharge		A diesel leak is coming from the vibro welfare cabin. Less than half a litre of diesel has been spill onto the stone.
Near miss	06/06/17	07:12	Grouting site	Noise	Complaint	BAM Richies are undertaking coring and drilling works inside the ground floor of a retail store. The entrance, escalators/stairs and first floor of the store remain open to the public until 8pm. Retail staff remain in the building until 10pm. Due to the noise produced by the coring works, these are undertaken on night shift only. Coring works began at 7:30pm, prior to the store closing to the public. The noise being produced from the coring works was noticed by the store manager, who approached the site Foreman and it was agreed that coring works may be undertaken after 8pm only, once the public are not in the building. Coring works may take place whilst retail staff remain in the building from 8pm to 10pm, and up until the end of the night shift at 5am. Following the remobilisation to site of the coring crews, it was overlooked by the site team that they would begin coring prior to the store closure at 8pm. Change of site working hours lead to an earlier start for the coring crews.
Minor Incident	08/06/17	11:00	Rotary site	Spill	Wear & Tear	A pipe has burst on the drilling head on the B360XP rig spilling approx. half a litre onto the platform.
Minor Incident	08/06/17	12:10	Rotary site	discharge	One of the hydraulic hoses had only been and tightened	A power pack for an oscillator has been delivered to site from plant yard. The power pack was connected to the oscillator and was ran up to check for leaks. The pipe that the Operatives connected on site was fine, but there was a leak which wasn't immediately noticed, causing approximately 5l of hydraulic oil to spill on the platform.
Minor Incident	19/06/17	15:00	Driven site	Spill	Valve on the gates has cracked	While observing the rig, as they opened the pile gates a splash of hydraulic oil came out. On further inspection it appears that a valve on the gates has cracked causing the hydraulic oil to spill onto the platform approx. a minimal amount.
Near miss	19/06/17	23:00	Grouting site	Spill	Leak	A Shera rig is being used to drill this location. The driller noted on the previous shift that once the rig had warmed up, it was losing power but not significantly enough to stop drilling. BAM Richies Fitter attended on the following night shift to observe the issue and make repairs necessary. As they were observing the issue, the fitter noticed an oil leak underneath the rig. Although the rig was tracked into position on plywood and visqueen sheeting, this was beneath the tracks and there was a space between the boards underneath the rig itself.
Minor Incident	21/06/17	14:48	CFADFA site	Spill	LOOSE FUEL PIPE	During the piling operations, a small pool of fluid was observed below the rig. The rig was stopped immediately and during further investigations it was found the fluid was fuel. It was observed that a fuel pipe had become loose within the engine bay. This was subsequently repaired, the minor spill was cleaned up and the waste correctly disposed of.
Minor Incident	30/06/17	10:10	Vibro / Ground stab'n site	Spill	Hose burst	The Operative were discharging the last of the concrete from the wagon when it was noticed that there was hydraulic oil dripping from the belly plate of the rig. Approximately 1 litre of oil was spill.
Intermediate Incident	30/06/17	11:00	Rotary site	discharge	Dumper trucks travelling directly over the fill	During concreting of a pile at BND5, pier 8, pile 8 we had a bentonite leak roughly half way between the bentonite farm and the pile in question. The site crew noticed that the pump wasn't sucking the bentonite out of the bore as it usually did, so the Site Supervisor took a walk along the line to find a leak coming from one of the joints at the slave pump. He ran towards the pump to close up the partially open clip, however as he got there the back pressure opened the pipe joint and he and the site were sprayed with bentonite. The Site Supervisor was not injured in any way. Unfortunately some bentonite had spill into the nearby pond. Work was stopped and the pipe was reconnected, meaning concreting could continue as normal. While the tidy up was in operation a member of the Site Environmental Team came to site with the Section Manager as requested and said they was happy for us to continue, as it was a very small amount of fluid which had spill into the pond.