



Health, Safety & Environmental
Statistics

Quarter 2

2018

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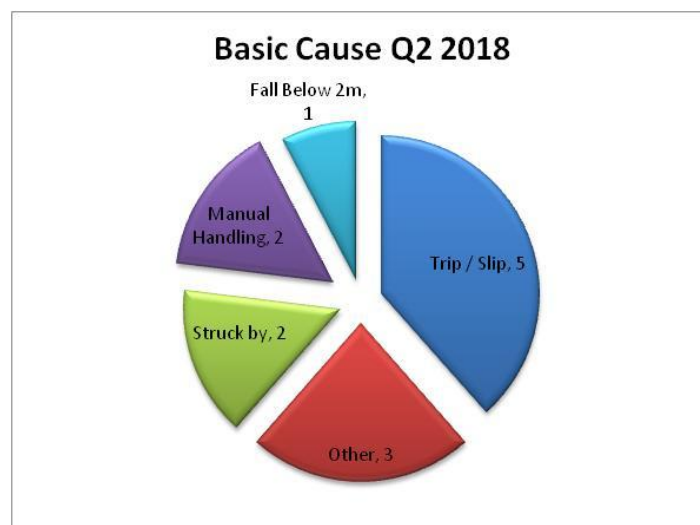
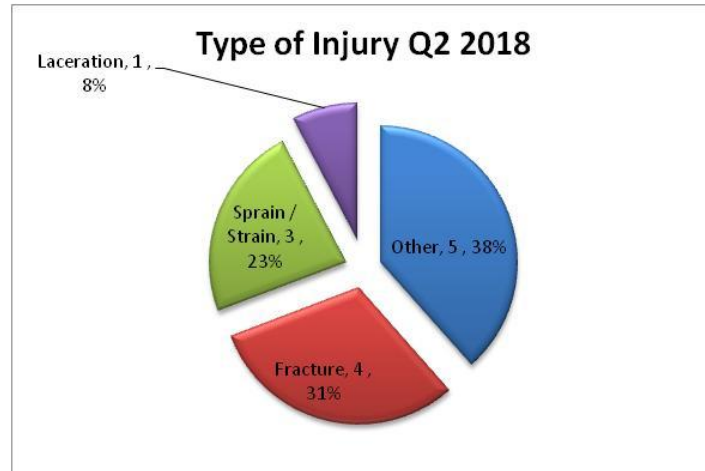
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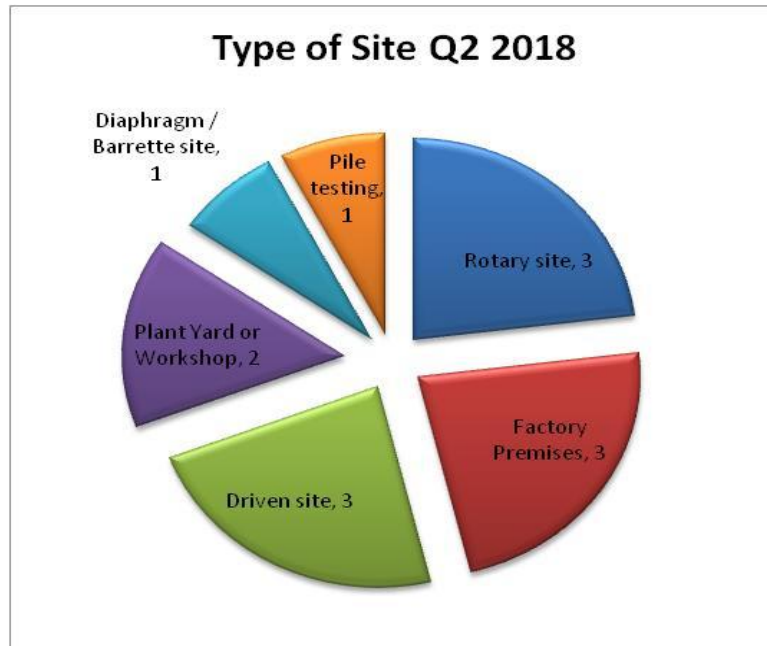
AIR Summary Q2 2018

2018 Q2 Accidents	Major Injury	+7 Day (RIDDOR)	1-7 LTA
13	2	2	9

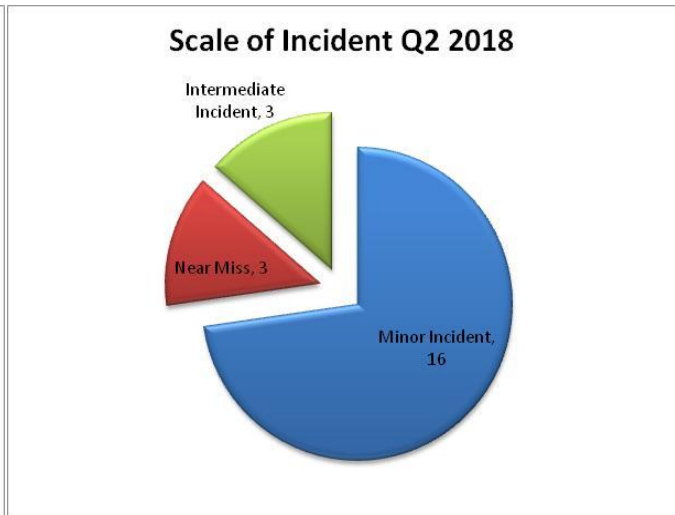
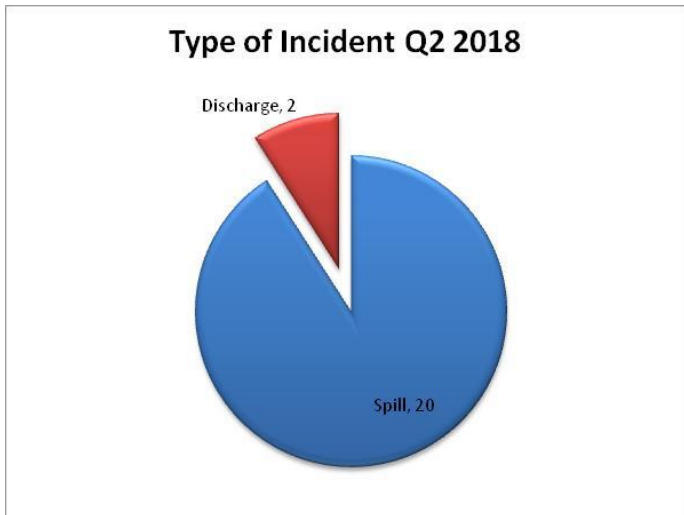
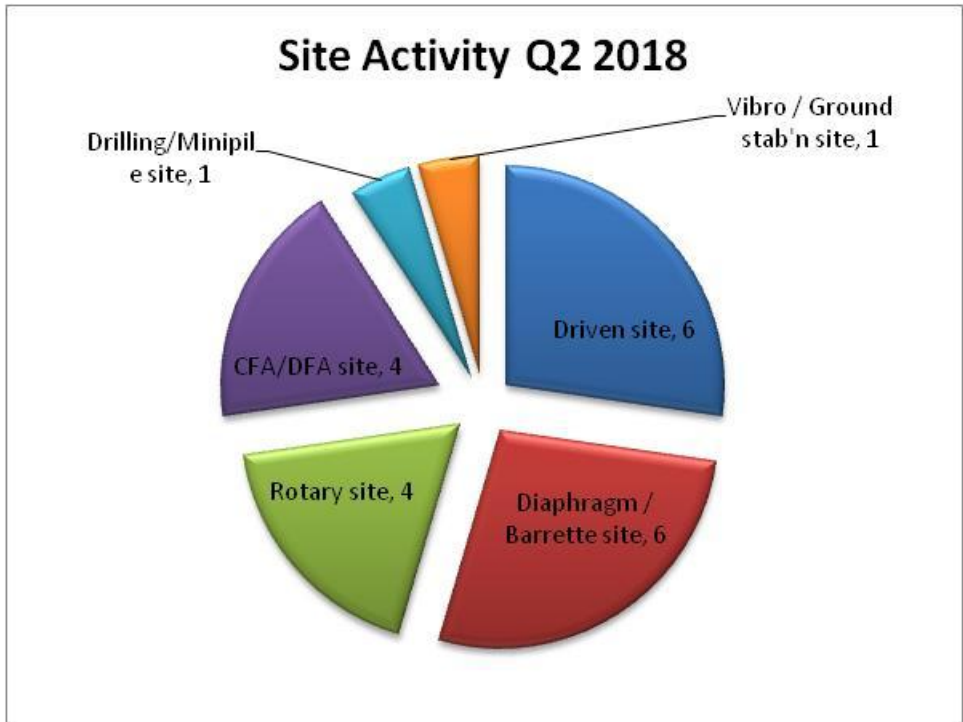
Accidents (per thousand at risk)	Qtr Ended 30.06.18	Qtr Ended 31.03.18	Qtr Ended 31.12.17	Qtr Ended 30.09.17	Qtr Ended 30.06.17
Quarterly Incidence Rate	3.45	4.17	4.09	5.53	2.88
Annual Incidence Rate	18.37	17.7	18.06	16.33	15.50
Quarterly Incidence Rate – Specified Injuries	0.53	0.52	1.02	0.53	0.79
Annual Incidence Rate – Specified Injuries	3.94	4.17	5.11	4.08	5.17
Quarterly IR – all RIDDOR reportable	1.06	2.34	2.30	2.37	1.57
AIR – all RIDDOR reportable	5.51	5.73	3.84	4.48	4.45
Agency / Subcontract / Self Employed					
Non-employees (No. of accidents)	1	0	0	0	0
Dangerous Occurrences (non-injury)	0	0	0	0	1
Number of Members Making Returns	19	19	19	18	19
Number of Members with No Accidents	12	8	8	8	11
Service Strikes					
Electricity	0	0	3	0	0
Gas	1	1	1	0	1
Water	1	2	1	1	3
Other	2	0	0	0	0
Total	4	0	5	1	4
No. with Permit to Work in place	3	3	4	1	4

Quarter 2 Accident Charts

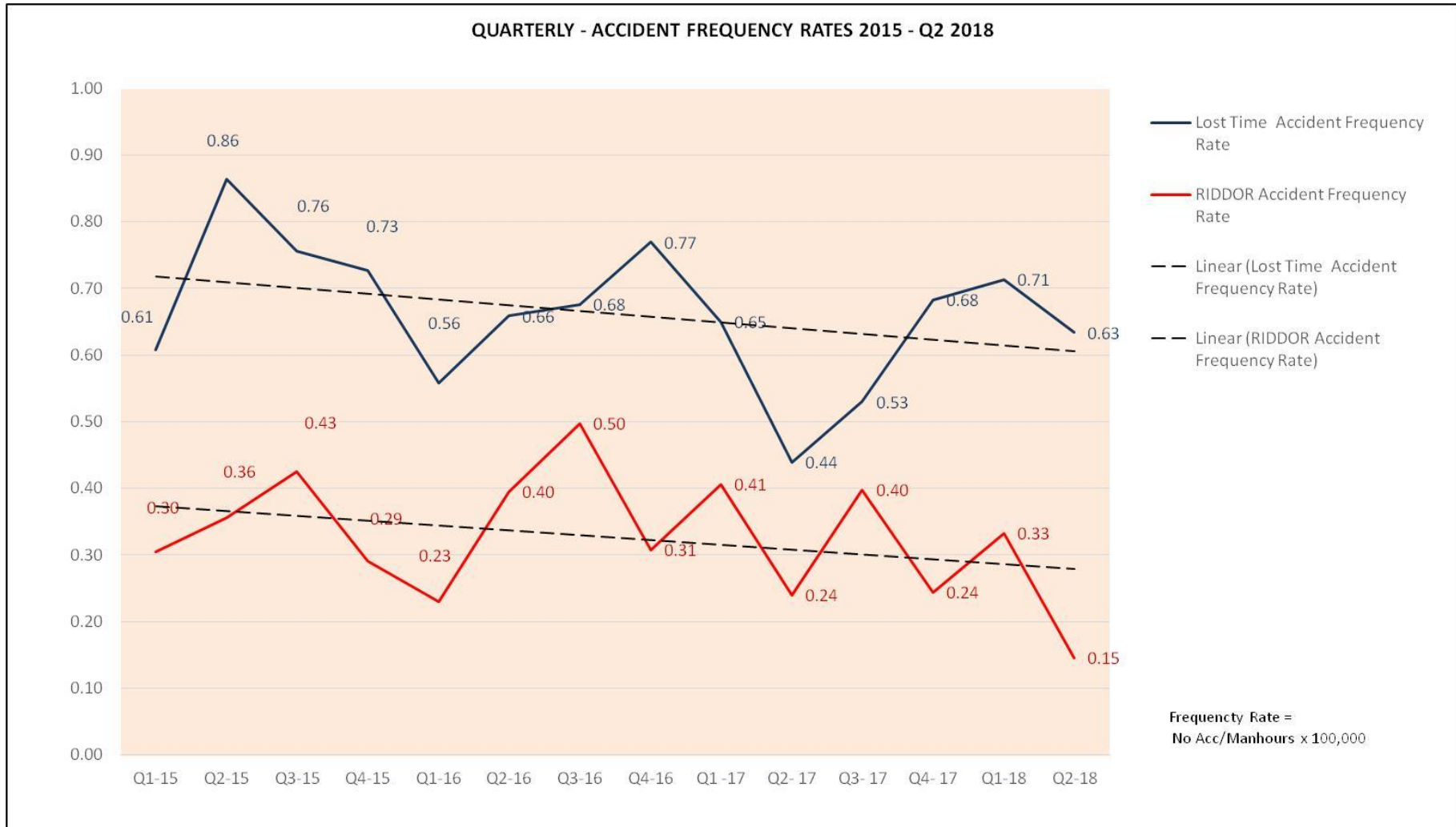




Quarter 2 Environmental Charts



AFR CHART



Q2 Service Strikes

Company	Approx. Date	Electricity	Gas	Water	Other (please specify)	Was a Permit to Work in place?	Details
Van Elle	05/04/2018		1			Yes- However, the permit did not cover the area being worked	Site / excavations flooded. Machine operator digging out a channel in an attempt to divert the water away from the flooded plot where he was working. Bucket caught a 125mm gas main which was waiting to be commissioned. (no gas leak). A PTW was in place for the plot which was approx. 10m away.
RBL	05/04/18				Drainage Pipe	Y	Drainage plans obtained and noted on permits. Client signed permit to confirm 2m away from piling works. Client set out VSC locations for retaining wall. Drainage pipe clearly in different location that that assumed by client and listed on permit. Client excavated trial pit to assess damage to pipe. Piling continued working away from retaining wall. Client confirmed verbally that they accepted liability for the damage
RBL	21/05/2018			1		Y	Works stopped immediately and client informed. Water pipe was not on any service plans and was not picked up during cat scan
RBL	25/05/2018				Waste Pipe	Y	Unidentified waste pipe running adjacent to Grid lines S-T has been disturbed and becoming blocked whilst carrying out CHD piling. Concrete may have entered waste pipe. Client implemented a solution to continue works

Q2 Accident Summary

ref	Accident Severity / Category	Date of accident (dd/mm/yy)	Age	N° 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
2018/164	+7 day LTA	28/06/18	55	>3 years	07:30	09:15	Site	Pile testing	Other Contractor	Other	Finger / Thumb	Fracture	Struck by	The IP, a pile test engineer, was preparing to remove test equipment from site. The HIAB had been positioned alongside the test beam and the lorry outriggers were being extended. The IP noticed that the outrigger was going to strike the test beam, in doing so crush a set of chains that were pre-slung onto the beam. The IP went to move the chains before they were crushed, but instead suffered crush injuries to his thumb
2018/165	1 -7 day LTA	16/04/18			07:30	10:00	Site	Driven site	Other Sub Contractor	Getting on or off machine	Ankle / Foot	Other	Trip / Slip	IP has arrived in his pick-up to collect crowd barriers. He parked up and got out of his vehicle and as he did so, placed his foot onto uneven ground and fell over. This was outside the stores area provided by the principal contractor.
2018/166	1 -7 day LTA	01/06/18	65	>3 years	08:00	10:50	Workshop	Plant Yard or Workshop	Fitter / Elec / Welder	Maintenance	Hand / Wrist	Other	Manual handling	IP was using a power bar to undo the carriage slide bolts. Sudden movement of the bar cause the IP's wrist to twist and it remained painful to move wrist afterwards. Upon investigation there appears to be restricted access to the slide carriage bolts caused by the location of the hydraulic hoses and competent mounts. Due to the restrictions the power tools within the scope of the fitters tool kit are unable to reach the carriage slide bolts and as a result a manual power bar is used in order to create sufficient leverage to loosen the bolts. It is likely that the injury was caused by the sudden release of pressure as the bolt loosened or by the power bar slipping. Plant Manager has reviewed the contents of the IP tool kit and is in the process of reviewing scope of tooling required for the fitters tool kit. ROOT CAUSE = Incorrect Tooling
2018/167	Specified Injury	19/05/18	28	>3 years	07:00	17:35	Site	Diaphragm / Barrette site	Ancillary Plant Operator	Getting on or off machine	Ankle / Foot	Fracture	Trip / Slip	The ip was stepping down from a telehandler in the laydown area which has a hard standing made of rolled stone. As he stepped down he says he turned his ankle over on a stone and sustained a fracture which required rest and an aircast boot. He has since returned to work.
2018/168	1 -7 day LTA	12/04/18			08:00		Site	Rotary site	Foreman/Ganger/ Chargehand	Walking	Hand / Wrist	Fracture	Other	Whilst concreting a pile the IP foot started to slip off the navi matt causing him to fall. He put his left hand on the casing and his right hand on the concrete trucks second chute to try to arrest his fall. The chute has then fallen and trapped his left hand against the casing

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2018/169	1 -7 day LTA	25/06/18			08:00	07:12	Site	Rotary site	General Piling Operative	Manual Handling - other manual handling	Finger / Thumb	Other	Other	Whilst moving a rack of kelly bars, the right hand of the banksman - Declan Clark was trapped between one of the bars and the frame of the rack. This caused bruising to two middle fingers of his right hand.
2018/170	1 -7 day LTA	25/06/18			08:00		Site	Rotary site	General Piling Operative	Manual Handling - other manual handling	Ankle / Foot	Other	Other	No information supplied
2018/171	1 -7 day LTA	04/04/18		>3 years	07:00	13:00	Workshop	Plant Yard or Workshop	Workshop /Factory Operative	Other	Hand / Wrist	Other	Trip / Slip	An operative was working in the fabrication shop, when he tripped over a large tube support stand, falling and hurting his right wrist. The support stand was in the correct position and the operative confirmed he did not see it
2018/172	1 -7 day LTA	17/04/18	60	>3 years	07:00	13:40	Site	Driven site	General Piling Operative	Walking	Ankle / Foot	Sprain /Strain	Trip / Slip	IP was stepping backwards off a 350mm driven pile laid on the floor when he twisted his ankle on the ground.
2018/173	+7 day LTA	19/04/18	28	1-3 years	06:00	10:00	Factory	Factory Premises	Workshop /Factory Operative	Manual Handling - other manual handling	Back	Sprain /Strain	Manual handling	Late report - IP was removing pile mould fittings in the casting shed when he pulled his back. 23 days
2018/174	1 -7 day LTA	12/06/18	42	1-3 years	06:00	08:30	Factory	Factory Premises	Workshop /Factory Operative	Walking	Leg	Sprain /Strain	Trip / Slip	Agency operative Stepping off a pile twisted his knee. 1 day LTA.
2018/175	1 -7 day LTA	20-Jun	33	1-3 years	06:00	20:25	Factory	Factory Premises	Workshop /Factory Operative	Manual Handling - other manual handling	Finger / Thumb	Laceration	Struck by	IP was knocking plastic spacers onto the end of a pile cage with a hammer when the hammer slipped and struck his finger, causing a cut. 1 day LTA
2018/176	Specified Injury	27-Jun	34	1-3 years	07:00	15:30	Site	Driven site	General Piling Operative	Maintenance	Chest	Fracture	Fall below 2m	IP was assisting to change a damaged auxiliary rope on a driven piling rig. He stepped onto the tracks to free the snagged rope on top of the machine when he lost his footing and fell backwards, landing on his back on the ground. He sustained 3 fractured ribs as a result.

Q2 Environmental Summary

Incident Severity / Category	Date of incident (dd/mm/yy)	Time of accident (24 Hr)	Foundation Site Activity	Type of incident	Cause of incident - (training/ procedures/ complaint etc)	Outline / Description
Minor Incident	15/05/18	17:00	Rotary site	Spill	Human error	The RH34 was working on the Admiral #1 jack up barge. The rig was positioned on the south side of the barge facing west. The jib of the crane was over the back of the body of the piling rig, after completing a lift. The RH34 was tracked backwards by the marine banksman to allow the positioning of the Kelly bar end on the deck of the barge. The rig operator was then instructed to move forwards slightly. When tracking forwards the pedal was pressed by the rig operator to move backwards by mistake (this was mistaken due to the orientation of the rig; it was facing backwards, which on the levers is forwards, due to the machine having 360 degree capabilities). In doing so a hydraulic hose fitting was damaged, causing a spillage of bio-gradable oil on the JUB deck.
Intermediate Incident	18/06/18	13:15	Drilling/Minipile site	Spill	damage to equipment	Main hydraulic hose feed to attachment burst resulting in circa 60L of oil being deposited over 300m of rail track. EA notified.
Minor Incident	19/04/18	09:00	Driven site	Spill	Wear and Tear	On piling rig the hydraulic hose burst on the hammer. There was about 1 pint of oil spilt.
Minor Incident	24/04/18	15:00	Driven site	Spill	Wear and Tear	One of the hydraulic hoses burst on the grout pump approximately 1/2 litres of oil spilt onto the platform
Minor Incident	22/05/18	10:00	Driven site	Spill	Loose Coupling	The Site Supervisor noticed that there was a hydraulic oil leak on the piling rig which was leaking onto the floor.
Minor Incident	30/05/18	11:30	Driven site	Spill	Vibration loosening the pipe	The hydraulic pipe had come loose while they were driving a pile causing the approx. 2 to 3 pints of hydraulic oil to spill onto the platform.
Minor Incident	04/06/18	15:25	Driven site	Spill	Vibration	The Banksman noticed oil dripping underneath the rig, the rig was stopped and the site crew placed a spill kit there while they inspected the rig for a leak. On inspection, they found that the leak wasn't coming from a hydraulic hose but the lid on a 1 gallon container of Engine Oil had come off causing a minimal amount of oil to spill onto the platform.
Minor Incident	25/06/18	08:30	Rotary site	Spill	Wear and Tear	The Site Supervisor took the Base Unit off the Low Loader and put the crane into position for rigging up, instructed the Crane Driver to move his tracks in and out and then the Hydraulic hose burst, spilling Hydraulic Oil onto the floor. (Spilled 2 Litres of Hydraulic Oil)
Minor Incident	27/06/18	10:00	Driven site	Spill	Wear and Tear	While carrying out operations, it was noticed that the hydraulic hose on the hammer had burst. This caused approx. half a litre of hydraulic oil to spill onto the platform.
Minor Incident	27/06/18	09:10	Vibro / Ground stab'n site	Spill	Wear and Tear	The Rig Operator for the other machine noticed oil on the floor. Site Supervisor inspected the engine compartment and found there was a hydraulic oil leak. Over a period of time, two hoses had been rubbing together this created a hole which caused the pipe to burst spilling approx. 4 to 5L of hydraulic oil, most of the spillage was contained on the belly plate however some oil was spilt onto the platform.
Near miss	31/05/18	00:00	CFA/DFA site	discharge	Contractor undertook PC responsibilities	Temporary sewage pipe removed from pump by piling operative. Raw sewage pumped out onto the working platform before the pipe was reconnected. Operative disconnected pump after a discussion with Site Mgr in order to commence piling positions, however they failed to reconnect the pump causing the raw sewage to enter working platform. The responsibility for disconnecting and reconnecting this pump should have been the Principal Contractor, not piling contractor. A TBT on Sewage has been briefed to all operatives.
Minor Incident	10/04/18	01:30	Diaphragm / Barrette site	Spill	Bentonite valves not closed properly	Small spill of bentonite localised to the piling mat cleaned up on site
Minor Incident	04/05/18	10:15	Diaphragm / Barrette site	Spill	Bentonite pipework developed a leaking joint	leak identified during routine checks pipework isolated joint repaired and spill cut out
Minor Incident	11/05/18	02:30	Diaphragm / Barrette site	Spill	Miscommunication between supervisors	Spill clearing blockage in bentonite pipework, spill localised and cleaned up
Minor Incident	03/06/18	11:15	Diaphragm / Barrette site	Spill	Natural wear and tear	Hydraulic hose burst, 5l hydraulic oil spilt on mat and cleared up
Minor Incident	11/06/18	08:30	Diaphragm / Barrette site	Spill	failure to follow correct procedure	Small leak from bentonite pipework following the removal of a blanking cap

Incident Severity / Category	Date of incident (dd/mm/yy)	Time of accident (24 Hr)	Foundation Site Activity	Type of incident	Cause of incident - (training/ procedures/ complaint etc)	Outline / Description
Near miss	17/04/18	14:15	Rotary site	Spill	Hydraulics	Hydraulic quick release fitting blew off water pump causing oil to flood out at high pressure fitting defective as oil continued to spray until power pack was turned off.
Near miss	16/05/18	11:25	Rotary site	Spill	Damaged hose	Damaged hoses being replaced on MP6001 piling rig no means of access to the hoses at the top of the mast so Pirtek fitter using ladders
Minor Incident	10/05/18	14:00	CFA/DFA site	Spill	Vibration of rig loosened hose connection	While SF 65 was in the final stages of drilling rock the vibration caused a hose on the valve block of the rotary table to loosen and free itself causing a fine mist of hydraulic oil to release. Work stopped immediately and the spill kit clear up as much of the oil as possible.
Intermediate Incident	06/06/18	15:00	CFA/DFA site	Spill	Worn Hydraulic hose	While the trailer mounted concrete pump was pumping a large 2 inch hydraulic hose burst in the engine compartment dropping approx 60 litres of hydraulic oil into the drip tray below and on to the working platform.
Minor Incident	31/05/18	18:30	Diaphragm / Barrette site	Spill	training	After completing panel 53 concrete operations the last concrete lorry had been to the wash out area to clean the shoot. After washing out the shoot the driver drove away from site without cleaning his shoot completely. Resulting in a slight concrete spillage on the air side road around the perimeter of the site. This was reported to Cementation by (FAUK) Cementation is currently investigating this matter in order to prevent reoccurrence. The Line Manager was told at the time Matthew Gregory.
Intermediate Incident	25/05/18	14:00	CFA/DFA site	discharge	unrecognised risk	during concreting of a king post wall pile position water from the bore overflowed in an uncontrolled manner with a small amount going outside the site boundary. Local clean up operation implemented. No Issues noted.