



# Health, Safety & Environmental Statistics

Quarter 1

2018

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## **AIR Summary Q1 2018**

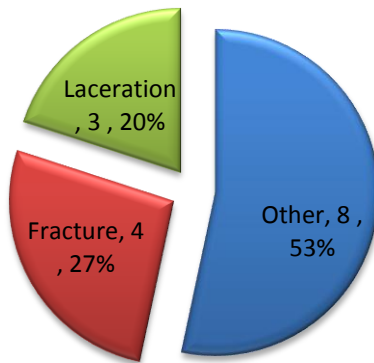
<b>2018 Q1 Accidents</b>	<b>Major Injury</b>	<b>+7 Day (RIDDOR)</b>	<b>1-7 LTA</b>
15	2	7	6

<b>Accidents (per thousand at risk)</b>	<b>Qtr Ended 31.03.18</b>	<b>Qtr Ended 31.12.17</b>	<b>Qtr Ended 30.09.17</b>	<b>Qtr Ended 30.06.17</b>	<b>Qtr Ended 31.03.17</b>
Quarterly Incidence Rate	4.17	4.09	5.53	2.88	3.88
Annual Incidence Rate	17.7	18.06	16.33	15.50	16.68
Quarterly Incidence Rate – Specified Injuries	0.52	1.02	0.53	0.79	1.21
Annual Incidence Rate – Specified Injuries	4.17	5.11	4.08	5.17	4.55
Quarterly IR – all RIDDOR reportable	2.34	2.30	2.37	1.57	2.43
AIR – all RIDDOR reportable	5.73	3.84	4.48	4.45	5.09
Dangerous Occurrences (non-injury)	0	0	0	1	0
Number of Members Making Returns	19	19	18	19	19
Number of Members with No Accidents	8	8	8	11	11

<b>Service Strikes</b>					
Electricity	0	3	0	0	1
Gas	1	1	0	1	2
Water	2	1	1	3	3
Other	0	0	0	0	1
<b>Total</b>	0	5	1	4	7
No. with Permit to Work in place	3	4	1	4	7

## Quarter 1 Accident Charts

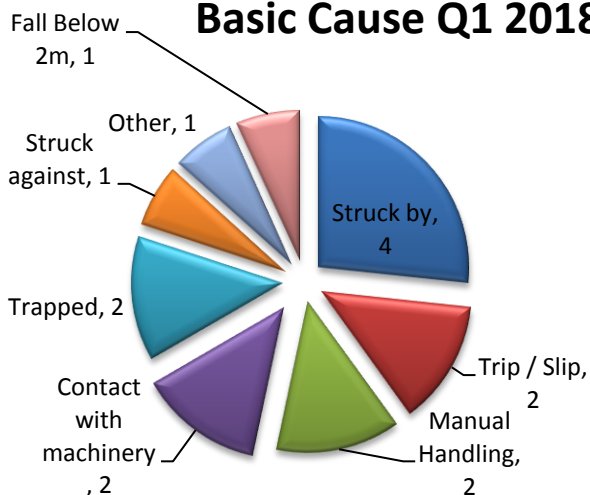
### Type of Injury Q1 2018



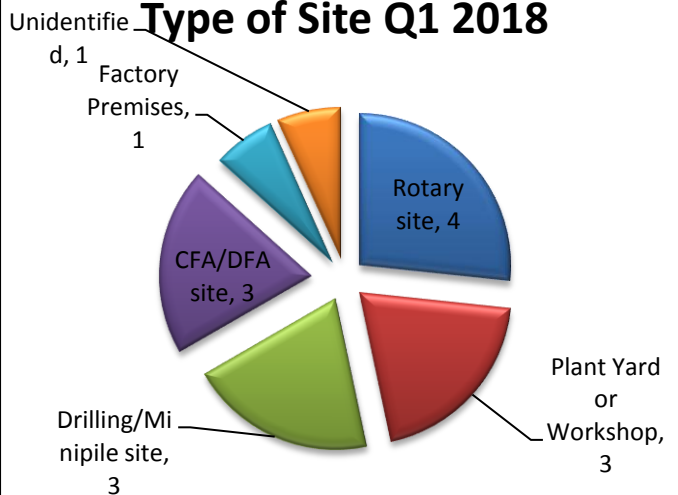
### Body Part Q1 2018



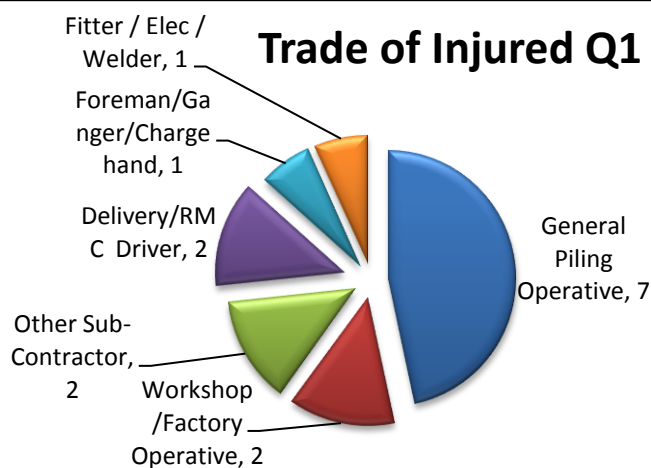
### Basic Cause Q1 2018



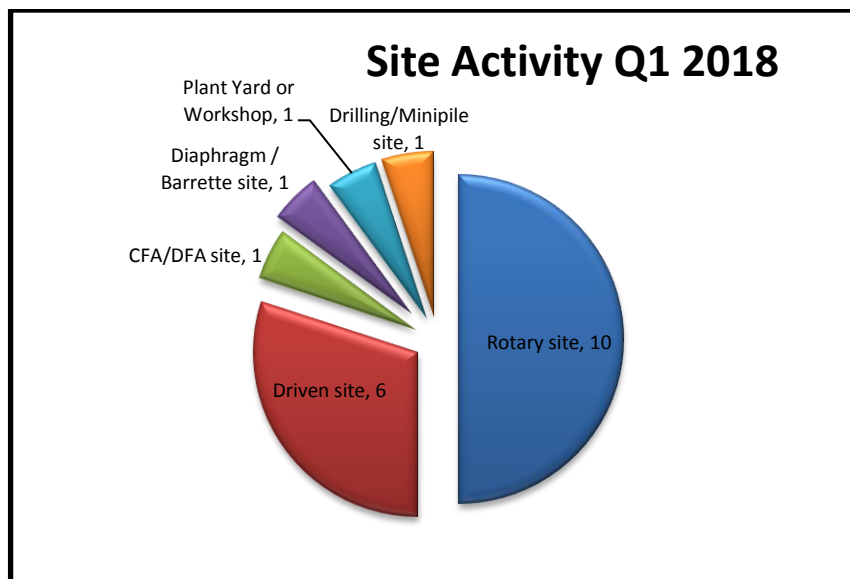
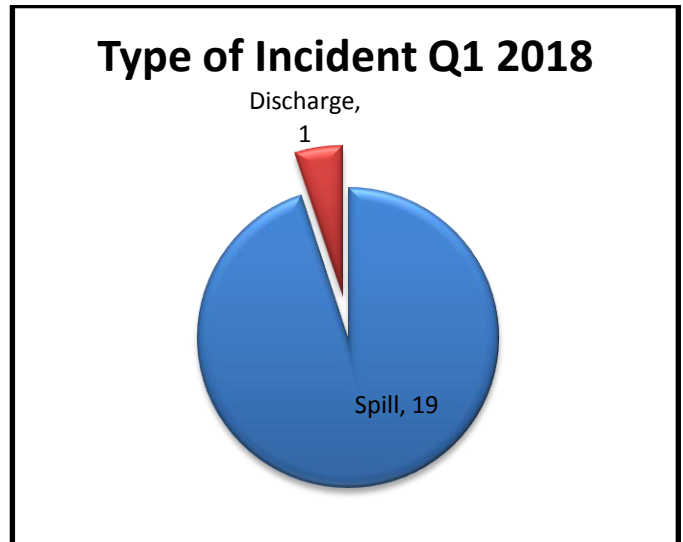
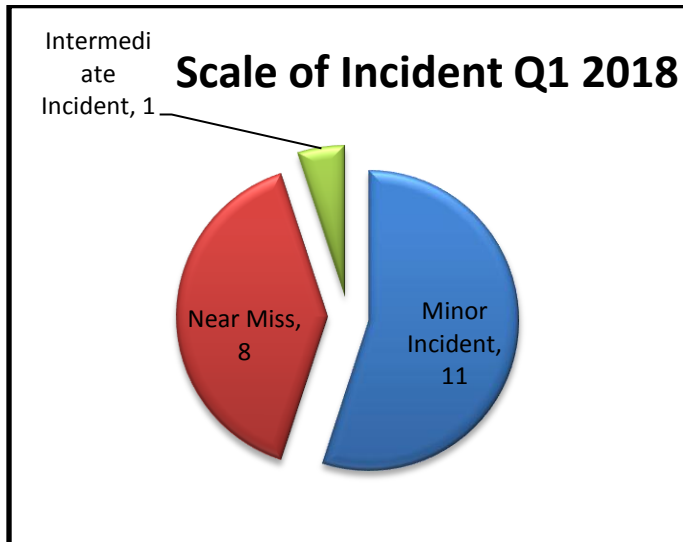
### Type of Site Q1 2018



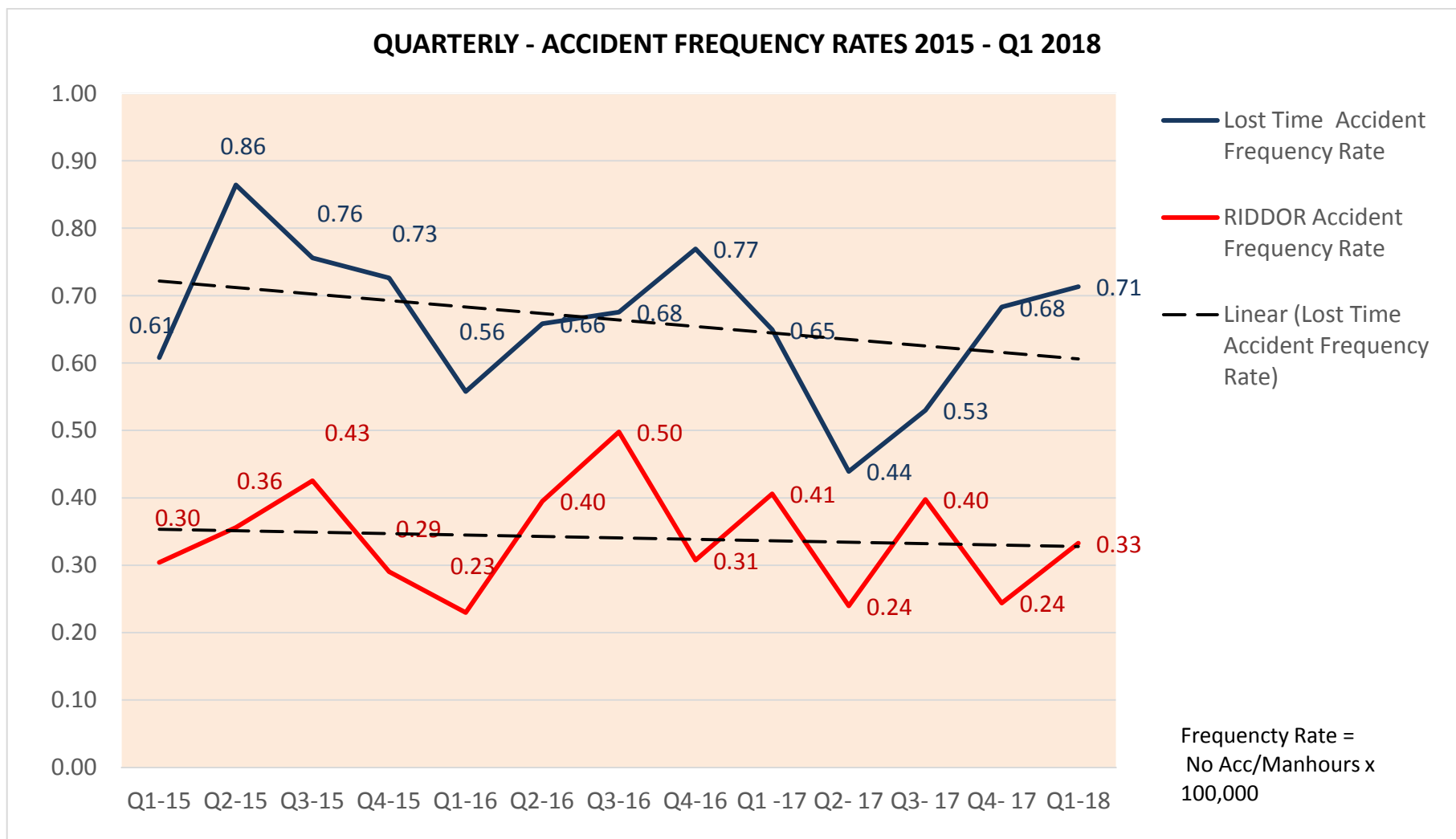
### Trade of Injured Q1 2018



## Quarter 1 Environmental Charts



**AFR CHART**



## Service Strikes

Approx. Date	Electricity	Gas	Water	Other (please specify)	Was a Permit to Work in place?	Details
23/03/2018		1			Yes	Gas main was struck with a SFA piling rig. Piling foreman smelt strong smell of gas. Stopped works and informed PC. PC contacted Gas services provider service isolated. PTD showed no evidence of gas service within the working area. Utility drawings provided by PC did not identify gas main. Client had no records of works carried out under previous ownership of the club.
13/02/2018			1		Yes	Site crew set up on Pile 142, which was the corner-most pile on the drawing. Site crew proceeded to drill the pile and noticed nothing out of the ordinary, they proceeded down to toe level and began concreting with no sign of water. As they started to pull the pile back, they noticed a little residual water however this could have been possibly due to ground water on site. When they extracted the auger, the water started to puddle and the concrete slowly sunk. The site crew stopped and the water went back in the hole and then there was another surge of water. The Site Agent came out, and told us to carry on with the next pile however he noticed it was puddling again and instructed us to stop works. It is believed to be a foul main.
20/02/2018			1		Yes	While installing columns which were adjacent to yesterday's columns, it was noticed that the stone had actually dropped and there was a divot in the ground. On further investigation, there was found to be an old culvert drain under the line of piles (which is approx. 3m down). We had been working from both our permit and the Main Contractor's permit as well as the service drawing all of which didn't reference there was a drain running in the area. The platform hasn't been affected.

**Total:**                      0                      1                      2                      0                      0

**Overall Number of Service Strikes:**                      3

**Q1 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
2018/149	+7 day LTA	06/02/18	32	>3 years	07:30	10:45	Site	Drilling/ Minipile site	Foreman/ Ganger /Chargehand	Walking	Ankle / Foot	Other	Struck by	The IP was winching a shell and auger drilling rig in to position when it spun striking the IP in the ankle tearing ligaments and damaging tendons
2018/150	+7 day LTA	10/01/18	38	>3 years	08:00	17:45	Yard	Plant Yard or Workshop	Delivery/RMC Driver	Getting on or off machine	head	Other	Fall below 2m	The IP was accessing the passenger side of a HGV lorry when the bottom step failed resulting in him falling backwards and banging his head. He initially returned to work but has subsequently been absent from work for more than 7 days due to "Post Concussion Syndrome
2018/151	1 -7 day LTA	04/01/18	32	>3 years	07:30	12:30	Site	Rotary site	General Piling Operative	Manual Handling - other manual handling	Hand / Wrist	Other	Trapped	The IP while acting as a Slinger Signaller, trapped his left hand in the cage while signaling to the crane driver to lower the cage to adjust the cage feet that were resting on the ground. He reported to the site office at 12:40pm. The left hand was bruised, the skin was not damaged and the IP could move his fingers.
2018/152	+7 day LTA	08/03/18	33	< 1 year	08.00	12.25	Factory	Factory Premises	Workshop /Factory Operative	Manual Handling - other manual handling	Finger / Thumb	Fracture	Struck against	IP and another op were operating a manual cropping machine to cut 600mm lengths of steel, the IP had both hands either side of the bar being cut in order to catch it, as the blades gripped the bar it kicked back resulting in crush injury to the IP's thumb where it was caught between the bar and the plate at the side of the collecting bench
2018/153	Specified Injury	23/02/18	31	>3 years	07.30	12.15	Site	Rotary site	General Piling Operative	Manual Handling - handling construction materials	Hand / Wrist	Fracture	Manual handling	During anchor installation works, an operative injured his hand between the spanner and the clamps in the process of adding additional augers.
2018/154	1 -7 day LTA	12/03/18	30	>3 years	07.30	12.00	Site	Rotary site	Other Sub Contractor	Welding	Ankle / Foot	Other	Other	IP was welding clutches onto a sheet pile, doing this while lying on a wailing beam as it was close to platform level. When the IP attempted to get up, he lent on his left knee and pushed up from his right foot. When they were in the upright position, the IP couldn't put any weight on his left foot. (Keltbray Sheet Piling)
2018/155	1 -7 day LTA	11/01/18	45	>3 years	07:00	08:15	Site	CFA/DFA site	General Piling Operative	Walking	Arm	Other	Trip / Slip	Operative tripped while walking across the platform causing a muscle injury to upper right arm
2018/156	+7 day LTA	07/03/18	30	>3 years	8.00	15:30	Site	Drilling/ Minipile site	Delivery/RMC Driver	Manual Handling - other manual handling	Finger / Thumb	Laceration	Struck by	IP was a low loader driver was attempting to recover his stricken vehicle with the aid of a telehandler and chains. IP had attached chains to the rear of his vehicle. The T/H operator decide he need to turn his machine around. In doing so IP thought he was going to pull the stricken vehicle and therefore unbeknown to the T/H operator attached the chains. IP subsequent caught his hand on the chain as the T/H moved away. IP was off work in excess of 7 days. 7 stitches to the base of R/H his index finger.



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2018/157	Specified Injury	27/02/18	28	1-3 years	8.00	10:10	Site	CFA/DFA site	Other Sub Contractor	Walking	Ankle / Foot	Fracture	Trapped	Whilst scraping its bucket along the ground to gather up spoil and rubble, a 36T excavator's bucket shunted a pile of rubble. This resulted in a section of concrete striking an operative's foot whom was walking across the rubble close by. The operative sustained a single fracture to his right foot
2018/158	1 -7 day LTA	14/03/18		1-3 years	8.00	14:00	Workshop	Plant Yard or Workshop	Workshop /Factory Operative	Manual Handling - other manual handling	Head	Other	Struck by	Reporter advised he was lifting a column end plate and put it back down on a sack barrow which caused it to raise and hit him on the head. The correct PPE was being worn but this has left the IP with a sore neck. This resulted in 4 days lost time.
2018/159	+7 day LTA	2403/2018	54	>3 years	8.00	09.30	Workshop	Plant Yard or Workshop	Fitter / Elec / Welder	Welding	Finger / Thumb	Laceration	Contact with machinery	The IP was repairing a piling rig using a 4.5 inch grinder. He was grinding out some weld which was in a restricted area - as he angled the grinder to get deeper into the weld the wheel jammed and jerked the grinder out of his hand. As it left his grip, the grinding wheel cut through the glove and into the index finger on his right hand. He received first aid on site and was then taken to hospital at Doncaster DRI. He was diagnosed with a severed tendon in his finger. This was operated on, he was released from A&E the same day and he is currently off recovering
2018/160	+7 day LTA	29/01/18		>3 years			Site	Not identified	General Piling Operative	Manual Handling - other manual handling	Back	Other	Manual handling	IP irritated a pre-existing medical condition whilst at work. Has been signed off with sciatica since the incident
2018/161	+7 day LTA	30/01/18		>3 years			Site	Drilling /Minipile site	General Piling Operative	Other	Ankle / Foot	Laceration	Contact with machinery	The OP were removing the drill string from the bore ( taking Auger no8 off the string ). The string was raised, ready for the plate to be placed onto the flights and string trapped. OP and IP were in position with a spanner. The string was being lowered when the IP foot slipped into the casing. The driller was unaware and the string was still being lowered, trapping his foot between the Auger and the casing.

ref	Accident Severity / Category	Date of accident (dd/mm/yy)	Age	N° years experie nce	Shift start time (24 Hr)	Time of acciden t (24 Hr)	Place of Accident	Foundati on 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
2018/162	1 -7 day LTA	1/2/18	20		8-Jan	0:00	Site	Rotary site	General Piling Operative	Other	None	Fracture	Struck by	The operative was carrying out normal piling duties on the North perimeter working with the rotary rig. The rig was in the process of removing a casing. The belly band used to ensure the casing wasn't slipping down wasn't working properly so the IP was told to insert a pinch bar through the casing eyes to prevent the casing from sinking into the ground should the belly band fail to do its job. This in itself is common practice. The operative inserted the pinch bar into the casing whilst the auger was still inside the casing (which is in accordance with the method statement). However, the operative was only able to insert the bar partially. When the rig operator lifted the auger to release the cage, the pinch bar was raised upwards inside the casing, causing it to flick down onto the IP's toe outside of the casing causing the operatives injury. The IP was taken to hospital and was treated for a fracture to little toe right foot and released.
2018/163	1 -7 day LTA	1/3/18	46		8-Jan	12:00	Site	CFA/DFA site	General Piling Operative	Walking	Ankle / Foot	Other	Trip / Slip	The operative had left the site canteen to go to the drying/changing room to change into his work clothes and his PPE. As the operative was walking to the drying/changing room the operative slipped on the ice twisting his ankle. The IP was taken to hospital and was treated for a sprain to the right ankle and released.

## Q1 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
Near miss	02-Mar-18	8:30:00	Rotary site	Spill	Hydraulics	Hydraulic slice on valve block behind cab
Near miss	21-Mar-18	10:15:00	Rotary site	Spill	Drive seal	Track drive motor seal blown completely new motor fitted oil had leaked into gear box which was drained
Minor Incident	30/01/18	0.76	CFA/DFA site	Spill	Monitoring of plant	Whilst refuelling a Soilmec R625 rig a minor spill occurred onto the plant nappy and onto the ground. This was cleaned up immediately by the site team.
Minor Incident	17/01/2018	12.00	Rotary site	discharge	Windy conditions appear to have Bentonite fluid to fly over the site boundary protection and external exclusion zone	A member of public complained to Main Contractor that they had been splashed with bentonite.
Minor Incident	23/01/2018	10:20	Rotary site	Spill	Wear and Tear	While the site crew were moving the Kobelco 80T crane tracks in, the track motor hose for the right hand driver motor burst causing approx. 15L of hydraulic oil to spill onto the platform.
Minor Incident	07/02/2018	12:40	Driven site	Spill	Wear and Tear	On the rig, one of the hoses on the hammer has burst causing hydraulic oil to spill (approx. half a litre) onto the platform.
Minor Incident	21/02/2018	15:00	Driven site	Spill	Wear and Tear	The hose going to the accumulator on the Junttan burst causing approx. half a gallon of hydraulic oil to spill out. Only a minimal amount spilled onto the platform.
Minor Incident	21/02/2018	15:45	Driven site	Spill	Wear and Tear	The hose for the pile cropper had a little tear which caused a cupful of hydraulic oil to spill out. Only a minimal spillage onto the platform.
Minor Incident	12/03/2018	11:20	Driven site	Spill	Wear and Tear	It was identified that the hose on the pile cropper was rubbing against the mast of the excavator and became worn spilling approx. ½ litre of hydraulic oil onto the platform.
Minor Incident	21/03/2018	17:00	Driven site	Spill	Wear and Tear	On the rig, it was noticed there was a few drops of hydraulic oil coming from the hammer hose and spilling a minimal amount (1/2 cup) onto the platform.
Minor Incident	26/03/2018	13:30	Driven site	Spill	Wear and Tear	It was noticed there was a slight drip of oil coming from a hose inside the hydraulic compartment spilling hydraulic oil onto the platform.
Minor Incident	29/03/18	14:20	Rotary site	Spill	Hydraulic hose ruptured (wear and tear)	Ruptured hydraulic hose on road sweeper resulted in a hydraulic oil spill along Norumberland Alley - Spill kit utilised to prevent the oil reaching and contaminating nearby gulley.
Near miss	26/03/2018	00:00	Diaphragm / Barrette site	Spill	Faulty Valve	Whilst cutting in panel P27 it was noticed a bentonite leak limited to the piling mat, after inspection it was found that the bypass was not fully closed, it was estimated that the spill was about 1 cubic M. The valve was worked back and forth to make sure that it was in proper working order before commencing the valve was closely monitored during the operation to make sure no further leaks appeared.

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
Intermediate Incident	19/02/2018	15	Drilling/Minipile site	Spill	Work Area	Whilst tracking the C6 rig on the platform a stoneget caught in the track on the inside of the rig causing the hydraulic hose to shear and drop 132ltres of bio oil through the piling mat.
Near miss	14/03/2018	08:00	Rotary site	Spill	Plant	The power pack of the hired cage vibrator had an spillage of engine oil.
Near miss	24/03/2018	10:00	Rotary site	Spill	Plant	BG40-2 Piling rig was installing casing, during the installation a hydraulic pipe burt at the rotary head.
Near miss	06/04/2018	10:15	Rotary site	Spill	Plant	Hydraulic pipe burst on the rotary head of BG40 Piling rig and some bio oil sprayed over the hoarding and onto the pavement. No pedestrian was affected.
Near miss	09/04/2018	09:30	Rotary site	Spill	Plant	Hydraulic pipe burst on the rotary head of BG40 Piling rig and some bio oil sprayed over the hoarding and onto the pavement. No pedestrian was affected.
Near miss	00/01/00	10:30	Rotary site	Spill	Subcontractor - Wagon	L&A delivery driver was reversing into site to deliver excavator when a pipe in the steering failed and spilt brake type fluid onto the road.
Minor Incident	06/03/18		Plant Yard or Workshop	Spill	Failure to follow procedures	Operator was tidying & moving a rig in the yard and noticed a powerful jet of hydraulic oil squirting on to  The concrete road. The engine was switched off and a hydraulic hose was found to be unscrewed hanging  Loose.