



Health, Safety & Environmental
Statistics

Quarter 3

2018

Contents

AIR Summary Q3 2018.....	3
Quarter 3 Environmental Charts.....	7
AFR CHART	8
Q3 Service Strikes	9
Q3 Accident Summary	10
Q3 Environmental Summary	14

AIR Summary Q3 2018

2018 Q3 Accidents	Major Injury	+7 Day (RIDDOR)	1-7 LTA
	7	2	18

Accidents (per thousand at risk)	Qtr Ended 30.09.18	Qtr Ended 30.06.18	Qtr Ended 31.03.18	Qtr Ended 31.12.17	Qtr Ended 30.09.17
Quarterly Incidence Rate	7.42	3.45	4.17	4.09	5.53
Annual Incidence Rate	19.17	18.37	17.7	18.06	16.33

Quarterly Incidence Rate – Specified Injuries	1.92	0.53	0.52	1.02	0.53
Annual Incidence Rate – Specified Injuries	4.05	3.94	4.17	5.11	4.08

Quarterly IR – all RIDDOR reportable	2.47	1.06	2.34	2.30	2.37
AIR – all RIDDOR reportable	4.32	5.51	5.73	3.84	4.48

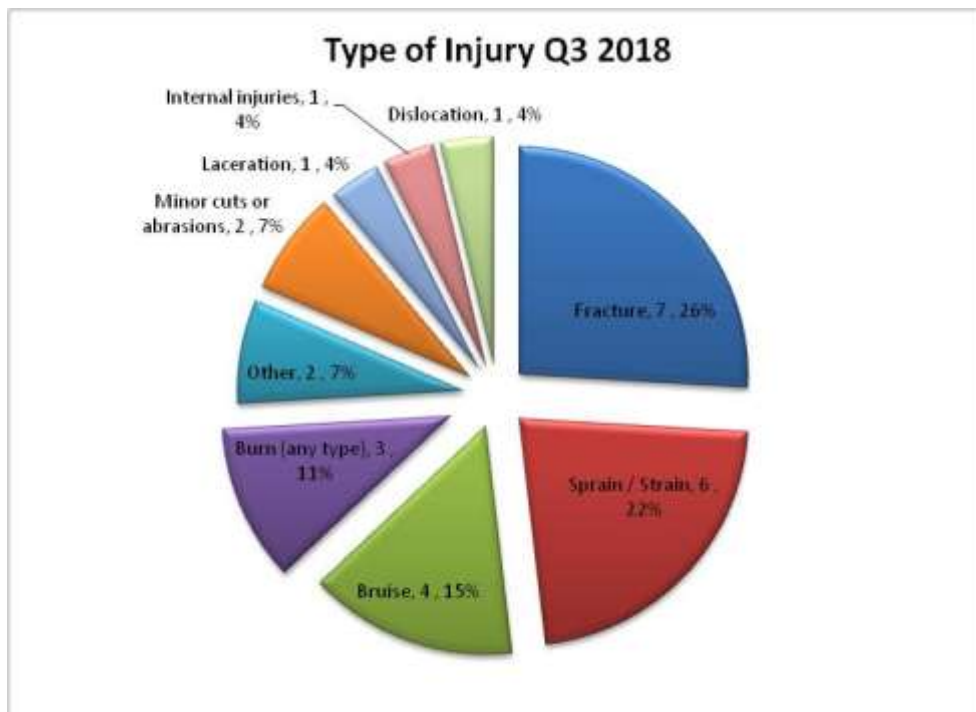
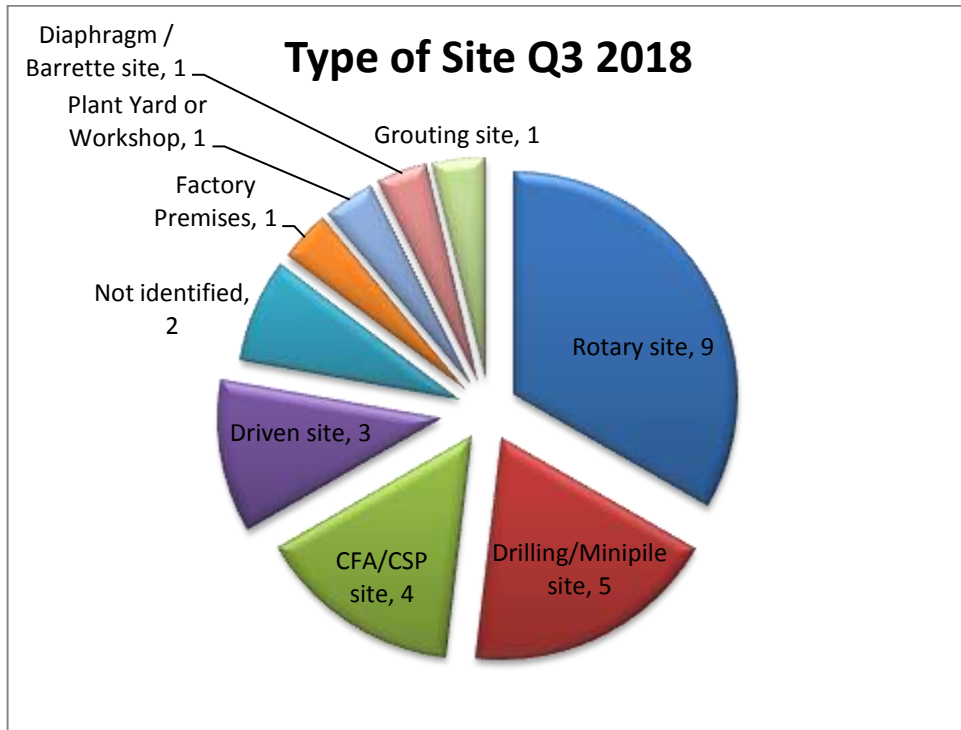
Agency / Subcontract / Self Employed	2	0	0	0	0
Non-employees (No. of accidents)	0	0	0	0	0

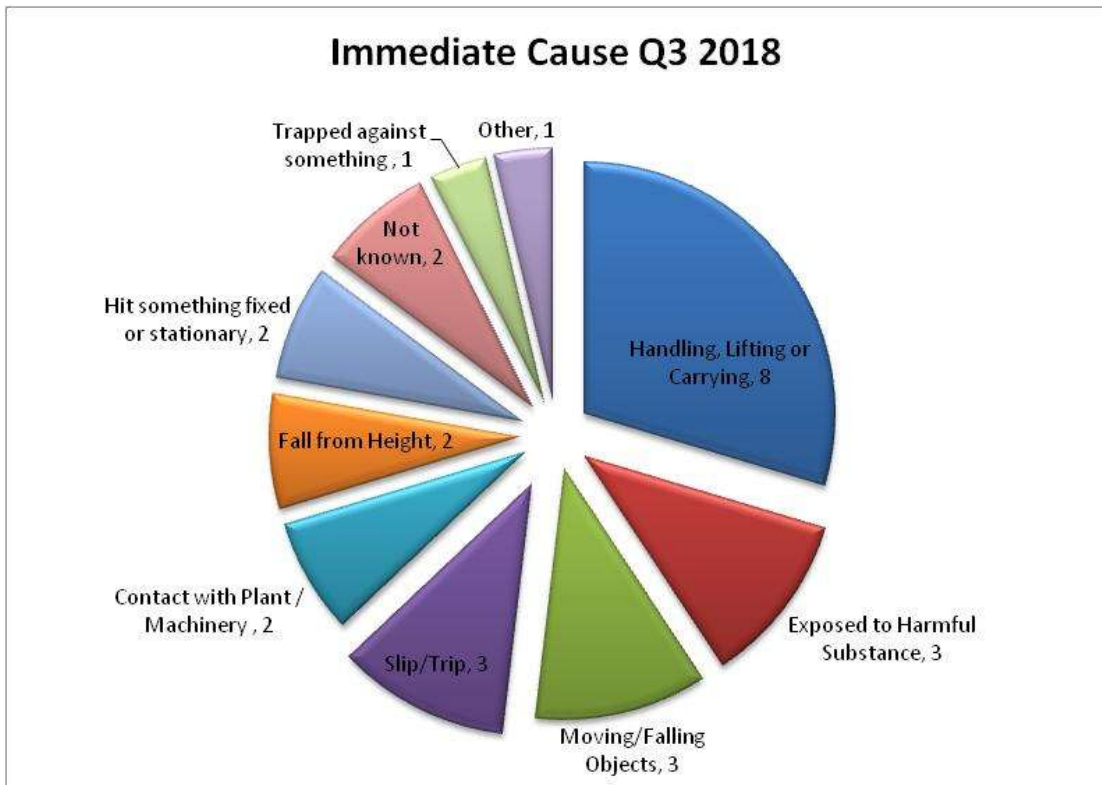
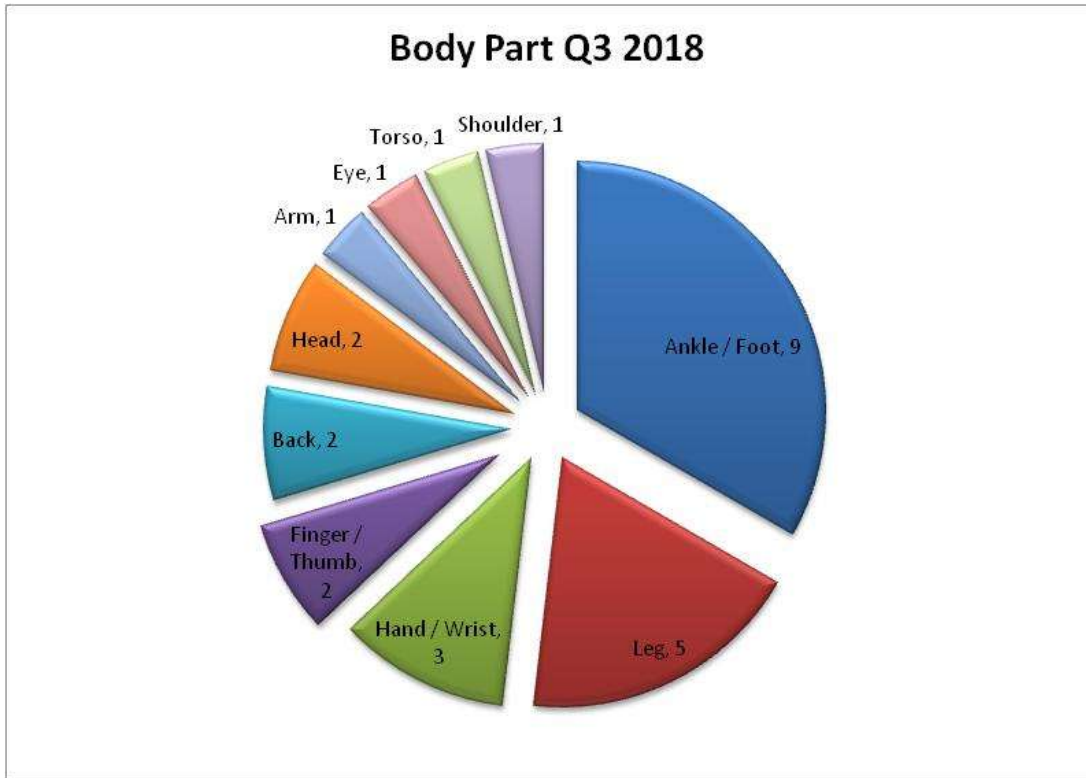
Dangerous Occurrences (non-injury)	1	0	0	0	0
------------------------------------	---	---	---	---	---

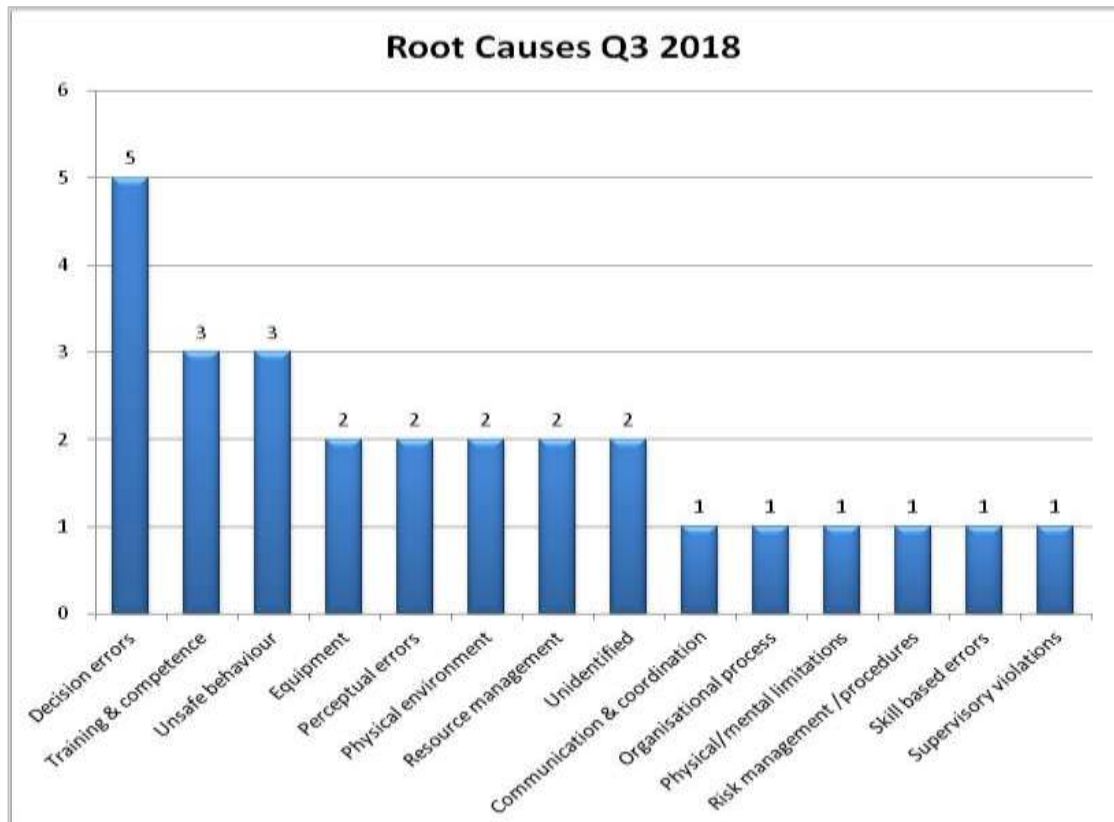
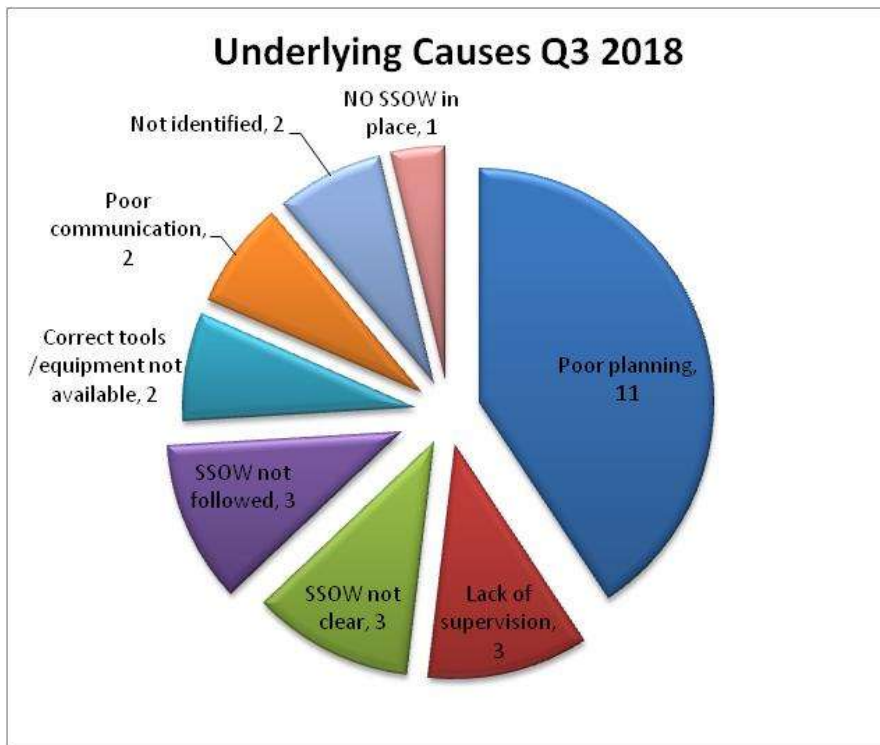
Number of Members Making Returns	19	19	19	19	18
Number of Members with No Accidents	9	12	8	8	8

Service Strikes					
Electricity	1	0	0	3	0
Gas	1	1	1	1	0
Water	0	1	2	1	1
Other	0	2	0	0	0
No. with Permit to Work in place	2	3	3	4	1

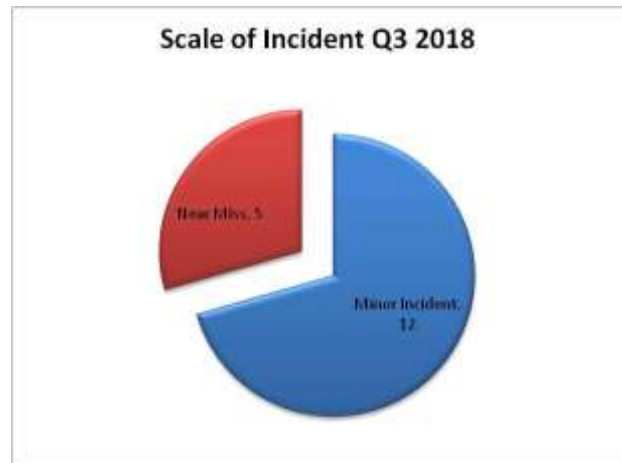
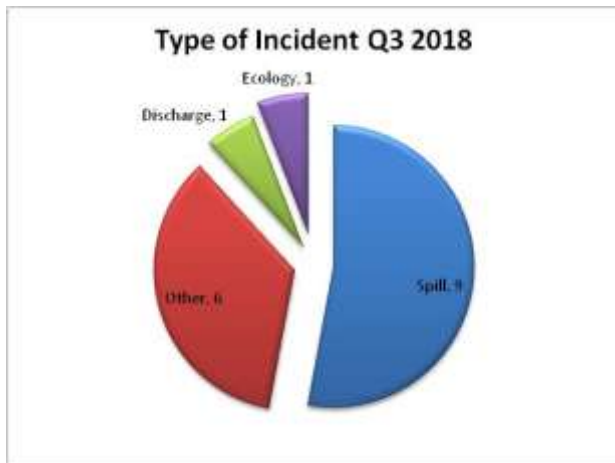
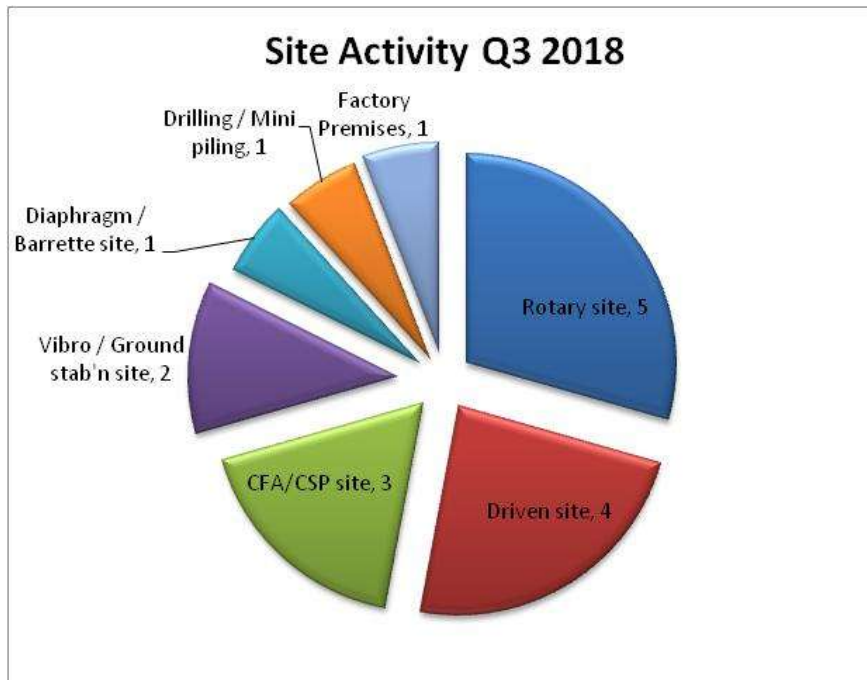
Quarter 3 Accident Charts







Quarter 3 Environmental Charts



AFR CHART



Q3 Service Strikes

Approx. Date	Electricity	Gas	Water	Other (please specify)	Was a Permit to Work in place?	Details
23/07/2018		X			Yes	<ul style="list-style-type: none"> Installing pile 11 driven 2.5m when noticed a smell of gas. PTD had been signed by Bellway Senior Engineer. Gas main proximity to RB works 2m. SGN carried out diversion to gas main, the service was running directly through the plot and not 2m outside. Reported under RIDDOR by service provider IAW Schedule 2 Part 2 Para 26 b)
26/07/2018	X				Yes	<ul style="list-style-type: none"> Two 11kva cables damaged The team had no knowledge of the cable strike until they were informed a trip had gone off. The cables had not been found or exposed during the trial hole digs by the PC and no form of demarcation was in place.

Q3 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	Type of Injury	Outline / Description	Immediate Cause	Underlying Causes	Root Causes
2018/177	1-7 day LTA	06/08/2018	41-50	>3 years	08:00	10:45	Site	CFA/CSP site	Foreman/Ganger/Chargehand	Other	Leg	Sprain / Strain	A Pile had been drilled to depth and concreting operations commenced. It was immediately obvious that there was a blockage in the concrete line, it was determined that the most likely place for the blockage was in the lead auger, so the augers were extracted out of the pile and indeed it was confirmed that clay had entered the lead. The IP sent an op to fetch the jet wash. In the meantime the IP kneeled down in order to see if he manually extract some of the clay from the blocked auger. Whilst moving side to side on his knees the IP reported twisting his right knee on some uneven ground. At the time he registered a little pain but thought it would pass, he informed the PM that this had occurred but didn't think it necessary to make a formal report. However overnight his knee has swollen and he reported to Whitechapel A&E for evaluation on the morning of the 7th August.	Not known	SSOW not followed	Physical/mental limitations
2018/178	Major (Specified) Injury	04/09/2018	41 - 50	>3 years	07:30	12:30	Site	CFA/CSP site	Foreman/Ganger/Chargehand	Other	Ankle / Foot	Fracture	Piling crew encountered a blockage. Before attempting to clear the blockage the washout adaptor was opened to release pressure and was in the process of being removed from the concrete hose when there was a sudden unexpected release of pressure. IP was struck on foot by the washout adaptor	Moving/Falling Objects	SSOW not clear	Resource management
2018/179	1-7 day LTA	04/09/2018	31 - 40	< 1 year	07:30	12:30	Site	CFA/CSP site	General Piling Operative	Other	Head	Other	Piling crew encountered a blockage. Before attempting to clear the blockage the washout adaptor was opened to release pressure and was in the process of being removed from the concrete hose when there was a sudden unexpected release of pressure. The IP was stood in close proximity and noise from sudden release resulted in short term damage of hearing		SSOW not clear	Resource management
2018/180	1-7 day LTA	13/08/2018	31 - 40	< 1 year	07:30		Site	CFA/CSP site	General Piling Operative	Other	Ankle / Foot	Burns	LTI due to IP sustaining grout burns whilst mixing grout due to wearing lace up boots when wellingtons would have been more appropriate	Exposed to Harmful Substance	SSOW not followed	Unsafe behaviour

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	Type of Injury	Outline / Description	Immediate Cause	Underlying Causes	Root Causes
2018/181	1-7 day LTA	09/07/2018	41 - 50	1-3 years	07:00	07:20	Factory	Factory Premises	Workshop /Factory Operative	Manual Handling - Assembling	Back	Other	IP was lifting rebar cage from pallet as he lifted the cage he felt a pain in the right hand side of his back. IP left site to go home and contact his GP.	Handling, Lifting or Carrying	Poor planning	Physical environment
2018/182	1-7 day LTA	24/07/2018	19 - 30	< 1 year	08:00	15:00	Site	Drilling/Mini pile site	General Piling Operative	Welding	Eye	Burns	IP received Arc flash burn whilst working on site	Exposed to Harmful Substance	Correct tools /equipment not available	Training & competence
2018/183	+7 Day LTA (RIDDOR)	10/08/2018	19 - 30	>3 years	08:00	09:20	Site	Not identified	Foreman/Ganger/ Chargehand	Walking	Leg	Dislocation	Whilst stepping out of 300mm excavated plot the IP discolated his right knee	Not known		
2018/184	+7 Day LTA (RIDDOR)	15/08/2018	19 - 30	>3 years	08:00	14:45	Site	Drilling/Mini pile site	General Piling Operative	Manual Handling - screwing	Finger / Thumb	Fracture	The drill rods had not been offset prior to removal. IP placed his hand between a pinch/trap point (between two drill rods) causing a fracture to his right index finger.	Handling, Lifting or Carrying	Poor communication	Risk management /procedures
2018/185	Major (Specified) Injury	23/08/2018	19 - 30	>3 years	08:00	11:13	Site	Driven site	Other Sub-Contractor	Other	Leg	Fracture	IP struck by bucket of excavator causing an open fracture to right leg	Contact with Plant / Machinery	Poor communication	Unsafe behaviour
2018/186	1-7 day LTA	17-Jul-18	19 - 30	>3 years	08:00	10:05	Site	Rotary site	General Piling Operative	Manual Handling - other manual handling	Back	Sprain / Strain	Back Strain	Handling, Lifting or Carrying	Poor planning	Decision errors
2018/187	1-7 day LTA	24-Aug-18	19 - 30	>3 years	08:00	14:40	Site	Rotary site	General Piling Operative	Operating Concrete Pump	Ankle / Foot	Bruising	Bruising and swelling to left foot.	Handling, Lifting or Carrying	Poor planning	Decision errors
2018/188	1-7 day LTA	29-Aug-18	19 - 30	>3 years	08:00	11:10	Site	Rotary site	General Piling Operative	Walking	Ankle / Foot	Sprain / Strain	Twisted ankle and pain in Knee	Slip/Trip	Poor planning	Decision errors
2018/189	1-7 day LTA	10-Sep-18	19 - 30	>3 years	08:00	09:20	Site	Rotary site	General Piling Operative	Lifting Operations	Hand / Wrist	Minor cuts or abrasions	Puncture to the palm of the right hand	Handling, Lifting or Carrying	Correct tools /equipment not available	Equipment
2018/190	1-7 day LTA	21-Sep-18	19 - 30	>3 years	08:00	15:00	Site	Rotary site	General Piling Operative	Lifting Operations	Ankle / Foot	Minor cuts or abrasions	Puncture wound to the top of the right foot	Handling, Lifting or Carrying	Poor planning	Decision errors
2018/191	1-7 day LTA	03/09/2018	51 - 60	>3 years	07:30	12:15	Site	Rotary site	Other Sub-Contractor	Getting on or off machine	Shoulder	Bruising	IP has slipped and fell out of cab causing injury to his shoulder & elbow.	Fall from Height	Lack of supervision	Unsafe behaviour

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	Type of Injury	Outline / Description	Immediate Cause	Underlying Causes	Root Causes
2018/192	1-7 day LTA	24/09/2018	31 - 40	>3 years	07:30	11:30	Yard	Plant Yard or Workshop	Workshop /Factory Operative	Walking	Leg	Sprain / Strain	IP was walking from the Paint Shop to the Paint Stores, to collect some paint, however as he did this the IP injured his right knee.	Slip/Trip	SSOW not followed	Perceptual errors
2018/193	Major (Specified) Injury	31/07/2018	51 - 60	>3 years	07:30	15:10	Site	Rotary site	General Piling Operative	Lifting Operations	Hand / Wrist	Fracture	The "IP" was acting as a Slinger / Signaller and was in the process of landing a 0.75 X 10m from zone 2 to phase 4 area on the project in Glasgow. During the disconnection of the slings an 26t excavator managed and controlled by another contractor on site reversed and collided with the "IP". It was reported the "IP" sustained a fracture to his left wrist following collision with the casing or from placing their hands out to break the fall.	Contact with Plant / Machinery	Lack of supervision	Supervisory violations
2018/194	Major (Specified) Injury	16/07/2018	19 - 30	>3 years	07:00	12:05	Site	Rotary site	General Piling Operative	Walking	Torso	Internal injuries	The IP became trapped between a slewing piling rig and a section of casing. He sustained crush injuries including damage to his spleen, a punctured lung, fractured neck bones, broken ribs, damaged shoulder.	Trapped against something	Poor planning	Perceptual errors
2018/195	Major (Specified) Injury	04/09/2018	19 - 30	1-3 years	07:00	11:49	Site	Drilling/Mini pile site	General Piling Operative	Using Handtools	Head	Bruising	An operative was struck with an auger fork whilst he was assisting in removing augers from a mini piling rig. The operative was struck with force on the neck by the auger fork and he fell to the floor. The operative was unconscious for approximately one minute.	Moving/Falling Objects	SSOW not clear	Training & competence
2018/196	Major (Specified) Injury	12/09/2018	41 - 50	1-3 years	07:00	16:00	Site	Diaphragm / Barrette site	Delivery/RMC Driver	Other	Hand / Wrist	Fracture	An operative working for sub contractor Hallet Silbermann was on a podium step tying a strap on his works wagon when the steps slipped and the I.P fell to the floor. He injured his arm during the fall.	Fall from Height	Lack of supervision	Communication & coordination
2018/197	Major (Specified) Injury	21/09/2018	19 - 30	< 1 year	08:30	08:30	Site	Rotary site	General Piling Operative	Other	Ankle / Foot	Fracture	IP was washing out a concrete skip when some dried concrete fell off the wall of the skip and struck him on his helmet, causing him to fall over to one side resulting in a double fracture to the lower right leg and a fracture and dislocation of the right ankle.	Moving/Falling Objects	NO SSOW in place	Organisational process
2018/198	1-7 day LTA	04/07/2018	31 - 40	1-3 years	07:00	16:15	Site	Driven site	General Piling Operative	Manual Handling - Assembling	Ankle / Foot	Bruising	Missed object while using 14lb hammer and struck foot	Hit something fixed or stationary	Poor planning	Equipment

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	Type of Injury	Outline / Description	Immediate Cause	Underlying Causes	Root Causes
2018/199	1-7 day LTA	27/09/2018	19 - 30	< 1 year	07:00	11:30	Site	Grouting site	General Piling Operative	Walking	Ankle / Foot	Burns	Stood in hole. Grout went over top of wellington	Exposed to Harmful Substance	Poor planning	Training & competence
2018/200	1-7 day LTA	07/09/2018	41 - 50	>3 years	07:30	14:00	Site	Driven site	Foreman/Ganger/ Chargehand	Using Handtools	Leg	Laceration	Slipped whilst carrying stihl saw. Blade still rotating	Handling, Lifting or Carrying	Poor planning	Physical environment
2018/201	Dangerous Occurrence	11/07/2018			07:30	15:00	Site	Drilling/Mini pile site					Rig overturned - No injuries to any persons	Not known	Poor planning	Training & competence
2018/202	1-7 day LTA	09/07/2018	41 - 50	1-3 years	08:00	13:00	Site	Not identified	Mixer / Pump man	Getting on or off machine	Ankle / Foot	Sprain / Strain	Stepped down from agitator and twisted ankle on a stone	Slip/Trip		Skill based errors
2018/203	1-7 day LTA	29/08/2018	19 - 30	1-3 years	07:30	09:24	Site	Drilling/Mini pile site	General Piling Operative	Manual Handling - Assembling	Arm	Sprain / Strain	IP was Using A 14lb hammer to release a casing when he pulled a Tricep Muscle	Hit something fixed or stationary	Poor planning	Decision errors
2018/204	1-7 day LTA	08/10/2018	19 - 30	1-3 years	07:30	10:15	Site	Drilling/Mini pile site	General Piling Operative	Manual Handling - handling construction materials	Finger / Thumb	Fracture	IP was lifting a cutting crown from a stillage, the items below moved resulting in the IP trapping his finger between the crown and the stillage	Handling, Lifting or Carrying	Poor planning	

Q3 Environmental Summary

Incident Severity / Category	Date of incident (dd/mm/yy)	Time of accident (24 Hr)	Place of Incident	Foundation Site Activity	Type of incident	Cause of incident - (training/ procedures/ complaint etc)	Outline / Description
Minor Incident	28/09/2018	10:00	Site	CFA/CSP site	Other	Poor maintenance	Filled the hydraulic tank with 25 ltrs of gear oil on a PM55 trailer mounted concrete pump.
Near miss	23-Aug-18	13:25	Site	Rotary site	Other	Correct tools /equipment not available	Hydro hose blown out of the fitting inside the 35HP Power Pack
Near miss	13-Sep-18	11:30	Site	Rotary site	Other	Correct tools /equipment not available	Control valve on rotary head motor damaged after making contact with RSJ
Near miss	12-Sep-18	14:20	Site	Rotary site	Other	Correct tools /equipment not available	Mast ram on camacchio bent during casing extract
Minor Incident	03/07/2018	08:30	Site	Vibro / Ground stab'n site	Other	Machine breakdown (inc Hose bursts)	Rig was loaded at the transport yard . Whilst loading out we noticed that the flot had a nose bleed
Minor Incident	04/07/2018	14:22	Site	Driven site	Spill	Machine breakdown (inc Hose bursts)	It was noticed that there was oil coming from the rig hammer. We stopped to investigate and noticed that the leak was coming from a valve in the hammer.
Minor Incident	04/07/2018	08:30	Site	Vibro / Ground stab'n site	Spill	Machine breakdown (inc Hose bursts)	Site team were in process of refuelling the loading shovel and noticed a steady leak of diesel appearing below the fuel tank.
Minor Incident	09/07/2018	15:00	Site	Rotary site	Discharge	Machine breakdown (inc Hose bursts)	The 4 inch butterfly valve had a stone lodged in the gate valve, causing Bentonite to slowly leak out. This resulted in a small pool of Bentonite being trapped between the generator and stall.
Minor Incident	10/07/2018	15:00	Factory	Factory Premises	Other	Other	There was a Pied Wagtail bird nesting within the telehandler.
Minor Incident	26/07/2018	11:00	Site	Driven site	Spill	Machine breakdown (inc Hose bursts)	It was noticed by the Site Supervisor that the hose on the Piling Rig was leaking hydraulic oil during piling operations. Approx. half a pint of hydraulic oil leaked onto the platform.
Minor Incident	08/08/2018	09:15	Site	Driven site	Spill	Machine breakdown (inc Hose bursts)	During piling operations, a large hose had blown at the back of the rig which caused approx. 15 to 20L of hydraulic oil to spill onto the platform.
Minor Incident	07/08/2018	16:00	Site	CFA/CSP site	Spill	Machine breakdown (inc Hose bursts)	During operation the PM 70 pump one of the hydraulic hoses failed causing a small amount of hydraulic oil to spill out onto a drip tray and working platform below. This was cleaned up and the pump repaired.
Minor Incident	27/07/2018	09:00	Site	CFA/CSP site	Spill	Machine breakdown (inc Hose bursts)	While pumping concrete a hose burst spraying concrete on to side of concrete lorry
Minor Incident	05/09/2018	16:40	Site	Rotary site	Spill	Machine breakdown (inc Hose bursts)	Reporter advised that the hydraulic oil that was found leaking onto the motor head has been caught by the wind and spread outside of site boundaries. The oil has leaked onto a public footway and the railings of a river with the potential that it may have entered the water course. Spill kits were applied to the oil on the footway but this did not help as the oil had dried. Operatives were however successful in clearing the oil from the railings to the river. All relevant management has been aware and the reporter has notified their environmental advisor.

Incident Severity / Category	Date of incident (dd/mm/yy)	Time of accident (24 Hr)	Place of Incident	Foundation Site Activity	Type of incident	Cause of incident - (training/ procedures/ complaint etc)	Outline / Description
Minor Incident	05/09/2018	15:00	Site	Driven site	Ecology	Other	Whilst drilling pile P1102, following agreed piling method, the crew has noticed that on the East side of the piling barge a small (5cm X 2cm) silver fish was floating on its side on the surface of the water. After approximately 5 minutes from noticing the fish the fish slowly showed signs of life and started to swim downwards. On the same working shift, whilst carrying out the same piling operation, two additional similar fish were noticed floating on their side on the surface of the water (these were seen on the South side of the barge; the same side of the piling operations). The 2 fish were most likely dead as they showed no sign of life and did not move."
Near miss	30/08/2018	12:00	Site	Diaphragm / Barrette site	Spill	Machine breakdown (inc Hose bursts)	Reporter advised due to wear incurred from routine digging operations, damage was done to the Liebherr HS8130 hydraulic hose casing. The decision was taken to replace the hose, which required dismantling from the wheel housing. Due to the extent of the damage, oil leaked on to the piling platform in the south east corner of site, which was then cleaned up with the use of granules. The granules will be scraped up using an excavator and placed into a lined plastic container ready for safe disposal in at our yard in Doncaster.
Near miss	30/07/2018	11:00	Site	Drilling/Minipile site	Spill	Machine breakdown (inc Hose bursts)	A hydraulic hose on the C6 mini piling rig, which had recently arrived on site from Bentley Works, burst spraying hydraulic oil onto the platform. The swift action of the crew ensured that drip trays were placed underneath the piling rig and a spill kit was used to contain the oil. The supervisor was informed.