



Health, Safety & Environmental  
Statistics

Quarter 2

2019

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**AIR Summary Q2 2019**

<b>2019 Q2 Accidents</b>	<b>Major Injury</b>	<b>+7 Day (RIDDOR)</b>	<b>1-7 LTA</b>
	3	5	1

<b>Accidents (per thousand at risk)</b>	<b>Qtr Ended 30.06.19</b>	<b>Qtr Ended 31.03.19</b>	<b>Qtr Ended 31.12.18</b>	<b>Qtr Ended 30.09.18</b>	<b>Qtr Ended 30.06.18</b>
Quarterly Incidence Rate	2.76	5.48	4.90	7.42	3.45
Annual Incidence Rate	21.4	21.4	26.3	19.17	18.37
<b>Quarterly Incidence Rate – Specified Injuries</b>					
Quarterly Incidence Rate – Specified Injuries	0.92	0.64	1.53	1.92	0.53
Annual Incidence Rate – Specified Injuries	4.82	4.69	5.87	4.05	3.94
<b>Quarterly IR – all RIDDOR reportable</b>					
Quarterly IR – all RIDDOR reportable	2.26	2.26	2.45	2.47	1.06
AIR – all RIDDOR reportable	4.98	4.98	6.97	4.32	5.51
<b>Agency / Subcontract / Self Employed</b>					
Agency / Subcontract / Self Employed	1	0	0	2	0
Non-employees (No. of accidents)	0	0	0	0	0
<b>Dangerous Occurrences (non-injury)</b>					
Dangerous Occurrences (non-injury)	3	0	1	1	0
<b>Number of Members Making Returns</b>					
Number of Members Making Returns	18	19	18	19	19
<b>Number of Members with No Accidents</b>					
Number of Members with No Accidents	12	10	10	9	12
<b>Service Strikes</b>					
Electricity	2	1	4	1	0
Gas	0	0	0	1	1
Water	1	0	3	0	1
Other	0	0	2	0	2
<b>Total</b>	<b>3</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>4</b>
No. with Permit to Work in place	1	1	8	2	3

**Q2 Accident Data – Part 1**

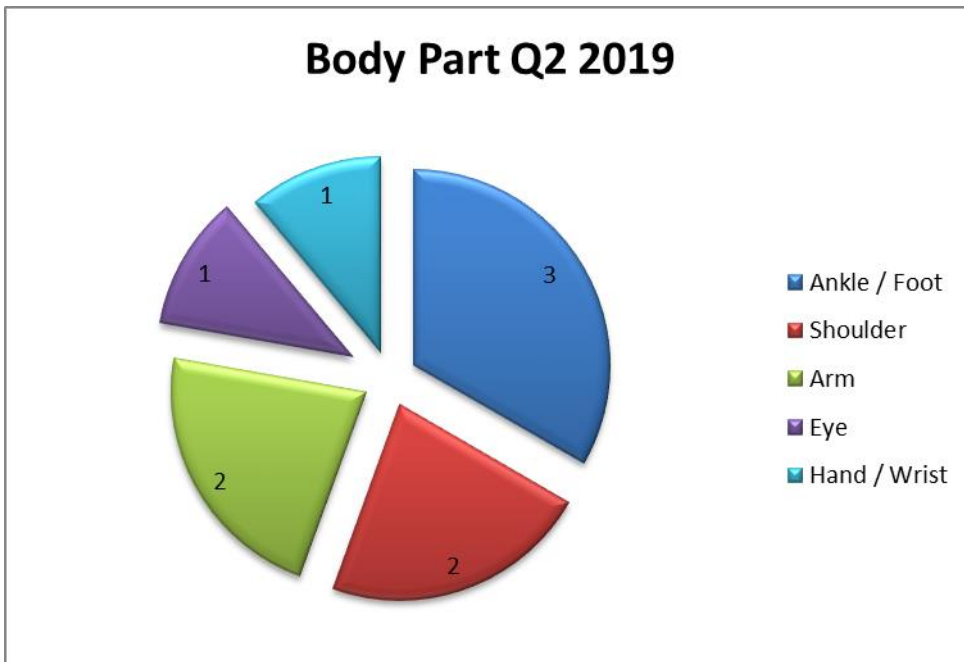
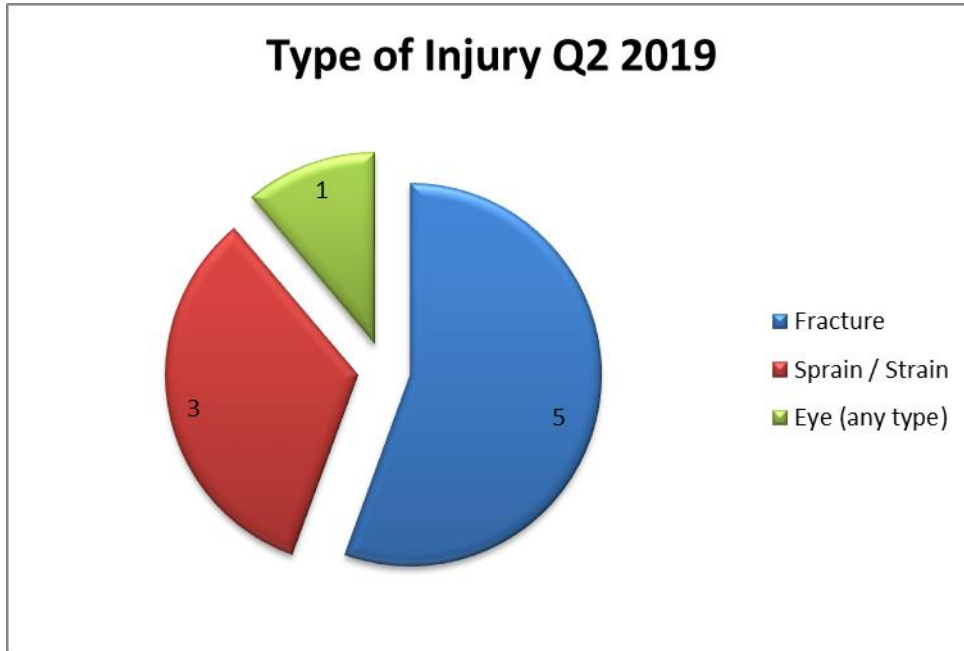
Type of Injury	Q1 - 2018	Q2 - 2018	Q3 - 2018	Q4 - 2018	Q1 - 2019	Q2 - 2019
Fracture	4	4	7	7	4	5
Sprain / Strain		3	6	1	5	3
Eye (any type)						1
Other	8	5	2	2	1	
Laceration	3	1	1		3	
Bruise			4	5	2	
Minor cuts or abrasions			2		2	
Dislocation			1	1		
Burn (any type)			3			
Internal injuries			1			
Multiple						
Dislocation						
Fatal						
Amputation						
Crush						
Reportable disease						
	15	13	27	16	17	9
Body Part Injured	Q1 - 2018	Q2 - 2018	Q3 - 2018	Q4 - 2018	Q1 - 2019	Q2 - 2019
Ankle / Foot	5	4	9	3	5	3
Shoulder			1	1	2	2
Arm	1		1	4	1	2
Eye			1		2	1
Hand / Wrist	2	3	3		1	1
No Injury	1					
Back	1	1	2	1	3	
Leg		1	5	3	1	
Finger / Thumb	3	3	2	3	1	
Torso			1		1	
Head	2		2	1		
Chest		1				
Multiple / whole body						
	15	13	27	16	17	9
Foundation Site Activity	Q1 - 2018	Q2 - 2018	Q3 - 2018	Q4 - 2018	Q1 - 2019	Q2 - 2019
Rotary site	4	3	9	5	7	2
CFA/CSP site	3		4	4	2	2
Drilling/Minipile site	3		5		1	2
Plant Yard or Workshop	3	2	1	4	2	1
Unidentified	1			1		1
Offsite				1		1
Not identified			2		3	
Factory Premises	1	3	1		1	
Grouting site			1		1	
Diaphragm / Barrette site		1	1	1		
Driven site		3	3			
Pile testing		1				
Perm. Office						
Sheet Piling						
Vibro / Ground stab'n site						
Underpinning						
	15	13	27	16	17	9
Trade of Injured	Q1 - 2018	Q2 - 2018	Q3 - 2018	Q4 - 2018	Q1 - 2019	Q2 - 2019
General Piling Operative	7	4	17	8	10	3
Delivery/RMC Driver	2		1		1	2
Manager/Supervisor				2		2
Workshop /Factory Operative	2	4	2	3	1	1
Other Sub-Contractor	2	1	2			1
Crane/Rig Driver						
Foreman/Ganger/Chargehand	1	1	4	1	2	
Fitter / Elec / Welder	1	1		1	2	
Mixer / Pump man			1	1	1	
Other Contractor		1				
Ancillary Plant Operator		1				
Steel fixer						
Office Staff						
Member of Public						
	15	13	27	16	17	9

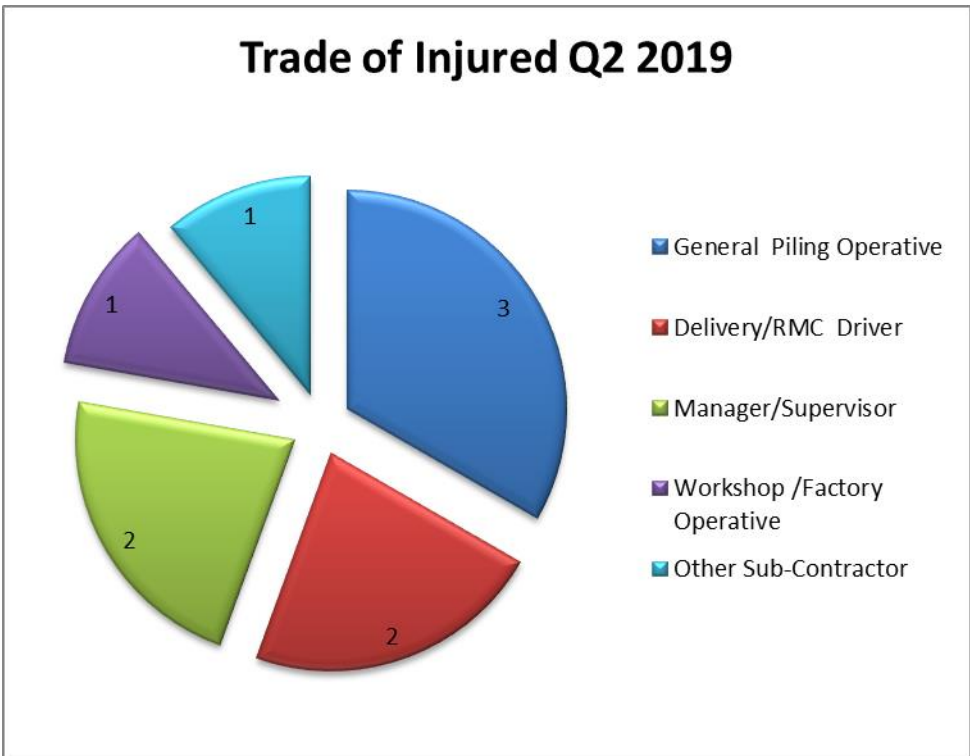
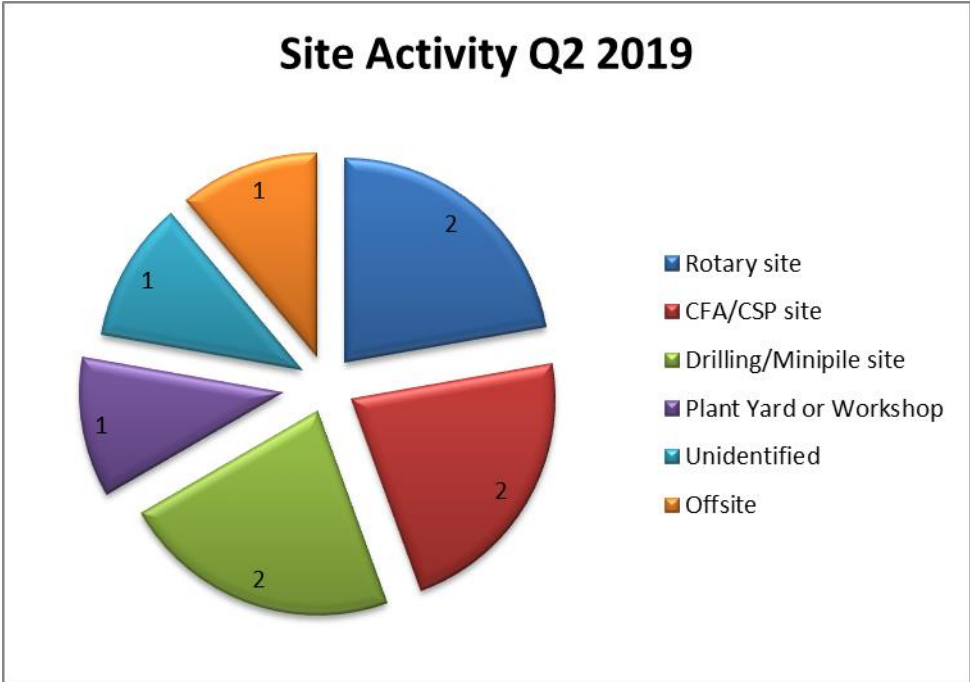
**Q2 Accident Data – Part 2**

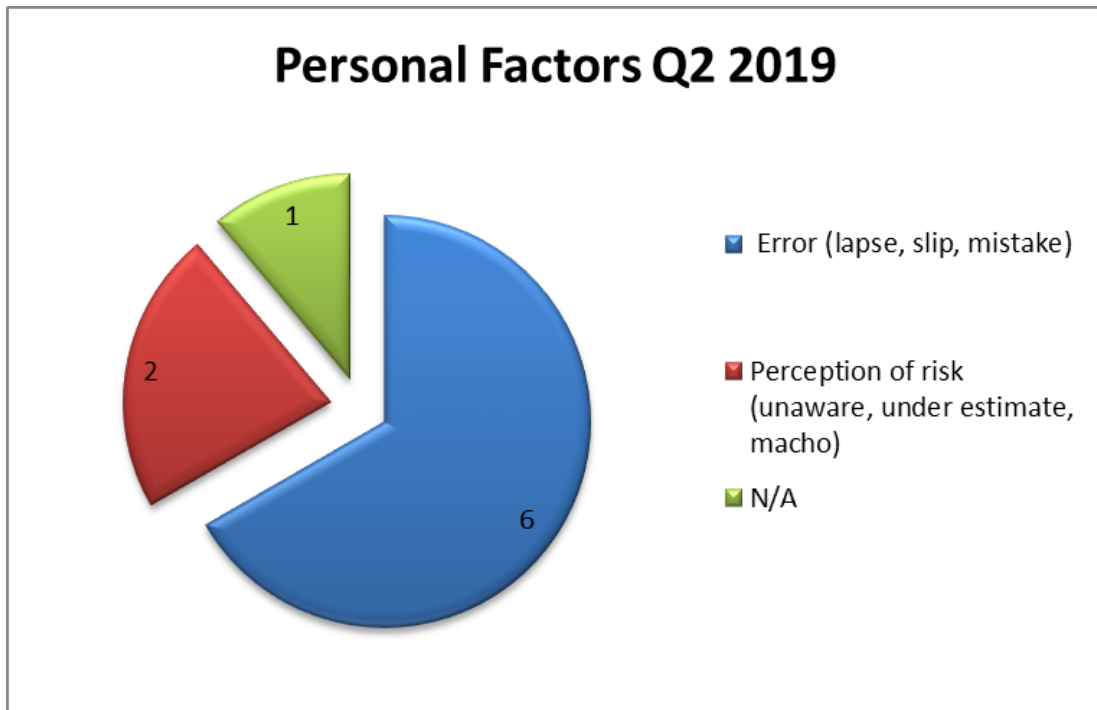
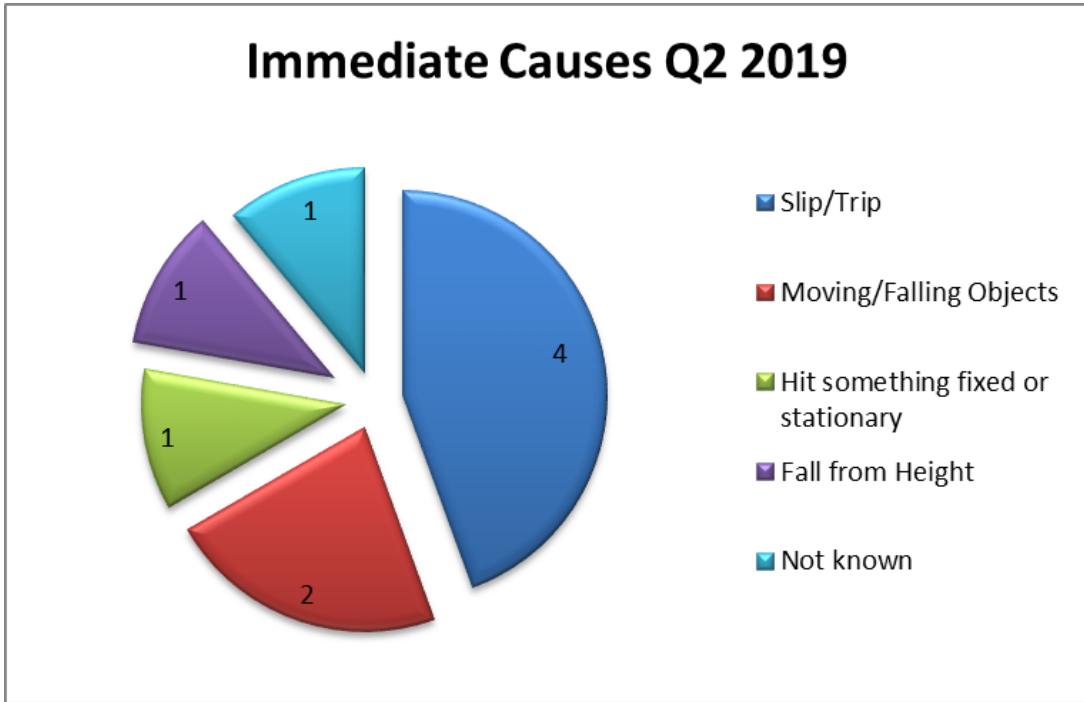
<b>ImmediateCauses</b>	<b>Q3 - 2018</b>	<b>Q4 - 2018</b>	<b>Q1- 2019</b>	<b>Q2 - 2019</b>
Slip/Trip	3	7	2	4
Moving/Falling Objects	3		4	2
Hit something fixed or stationary	2	1		1
Fall from Height	2			1
Not known	2			1
Contact with Vehicle			1	
Handling, Lifting or Carrying	8	6	5	
Contact with Plant / Machinery	2	1	5	
Exposed to an Explosion		1		
Acts of violence				
Asphyxia / Drowning				
Contact with Electricity				
Exposed to Fire				
Exposed to Harmful Substance	3			
Injured by an animal				
Natural Causes				
Other	1			
Trapped against something	1			
Trapped by something collapsing / overturning				
	27	16	17	9
<b>Personal Factors</b>	<b>Q3 - 2018</b>	<b>Q4 - 2018</b>	<b>Q1- 2019</b>	<b>Q2 - 2019</b>
Error (lapse, slip, mistake)	n/a	7	2	6
Perception of risk (unaware, under estimate, macho)	n/a	6	6	2
N/A	n/a	3	2	1
Rushing work (programme, catch up, bonus)	n/a		1	
Competence (skill, knowledge, experience)	n/a		3	
Excessive demands (physical, mental, workload)	n/a		2	
Violation (deliberate rule breaking)	n/a		1	
Fatigue (excessive work hours, personal issues)	n/a			
Morale (bored, disheartened, personal issues)	n/a			
Perception of priorities (supervision, peers, site team)	n/a			
Distraction (by colleagues, others, personal issues)	n/a			
	0	16	17	9
<b>Job Factors</b>	<b>Q3 - 2018</b>	<b>Q4 - 2018</b>	<b>Q1- 2019</b>	<b>Q2 - 2019</b>
Maintenance of safe work environment (noise, layout, interfaces, atmosphere, etc)	n/a	5	3	3
Risk assessment and safe method of work (done, adequate, appropriate, checked, etc)	n/a	8	9	2
N/A	n/a	1	1	2
Provision and maintenance of plant / tools / equipment / PPE	n/a	1		2
Supervision (numbers, communication, competence, control, etc)	n/a			
Task planning (compiles with RA and systems of work, adequate resources, buy in, communications, etc)	n/a	1	2	
Communications (shift hand over, changes, toolbox talks, language, induction, poster, etc)	n/a		1	
Compliance	n/a		1	
Management of hazardous materials and emergency response	n/a			
	0	16	17	9
<b>Organisational Factors</b>	<b>Q3 - 2018</b>	<b>Q4 - 2018</b>	<b>Q1- 2019</b>	<b>Q2 - 2019</b>
N/A	n/a	7	4	7
Design & planning risk management (elimination, assessment, control HSE risks)	n/a	2	7	1
Contractor management (selection, standard setting, liaison, monitoring, supervision)	n/a		2	1
Programme (time, co-ordination, progress, realism, change)	n/a		1	
HS&E management system (document control, investigation, lessons learnt)	n/a	4	1	
Management of Change (communication, evaluation, consultation)	n/a		1	
Communication (corporate, project, business)	n/a		1	
Training (provided, adequate, recent)	n/a	3		
Leadership (provided, adequate, visible, followed, credible, trusted)	n/a			
Responses to emergencies and previous incidents	n/a			
Allocation and fulfilment of responsibilities (just culture approach)	n/a			
Allocation of staff and resources (competence, time, cost, equipment)	n/a			
Community issues (lack of liaison – neighbours / regulators)	n/a			
Client demands (time, cost, schedule and design contractors, etc)	n/a			
External pressures ( legal, market, environment)	n/a			
	0	16	17	9

**Quarter 2 Accident Charts**

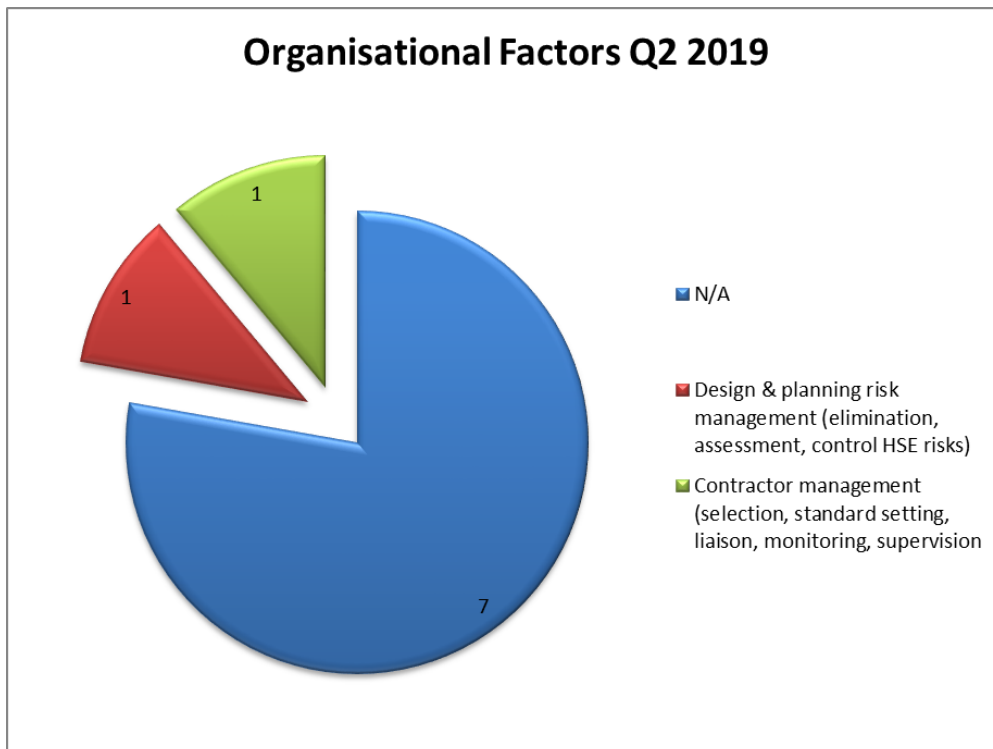
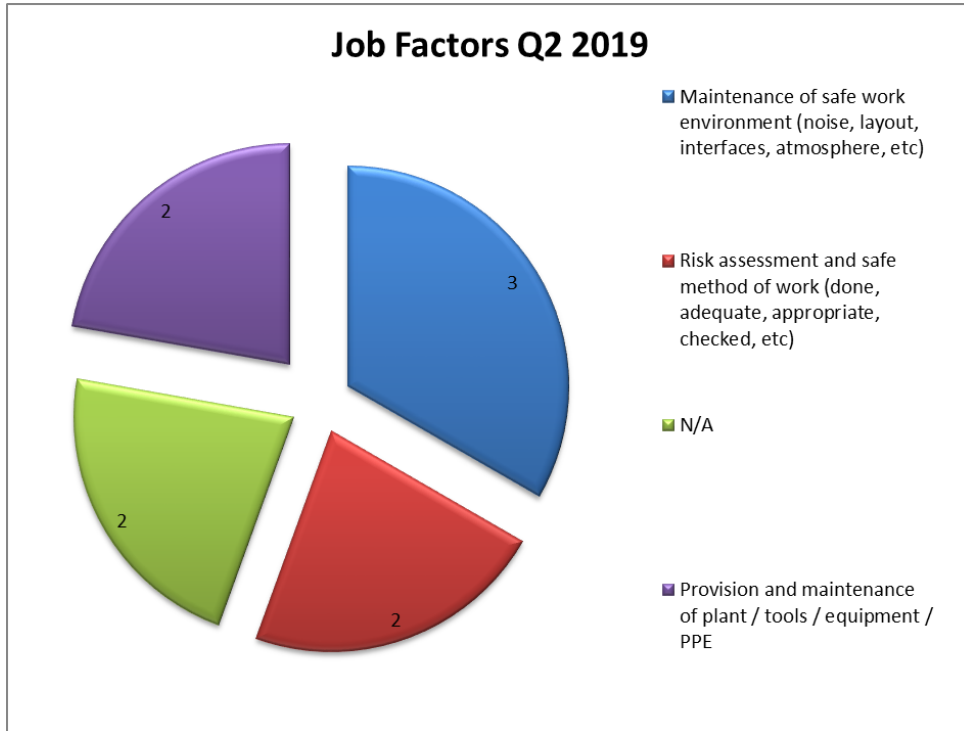
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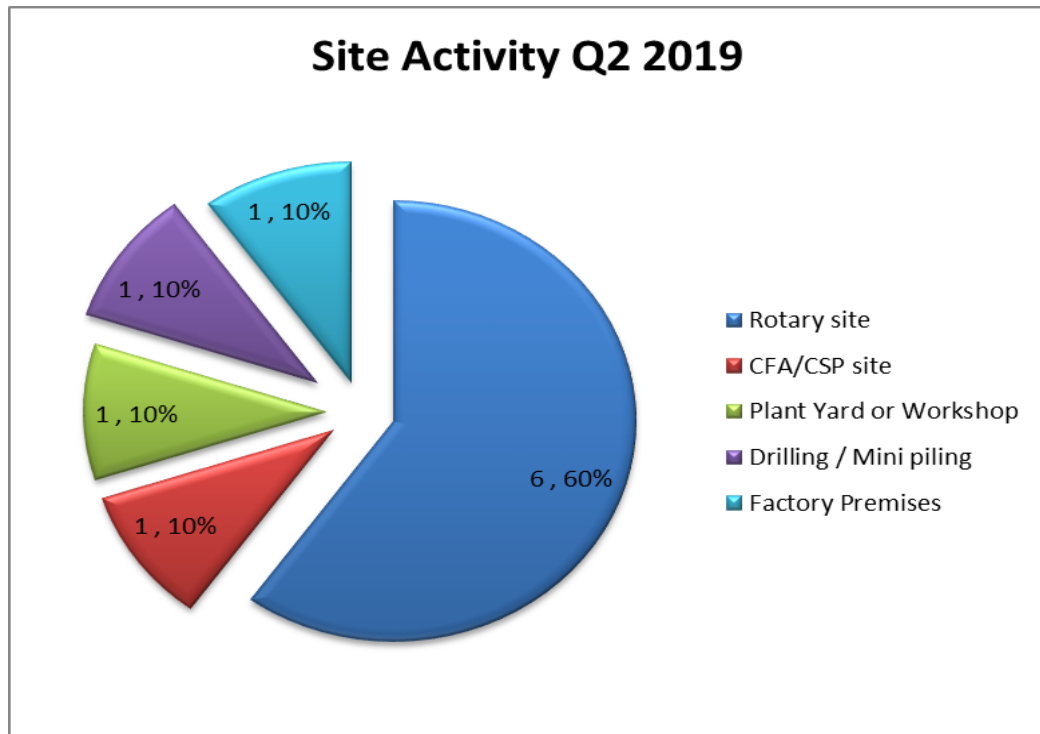
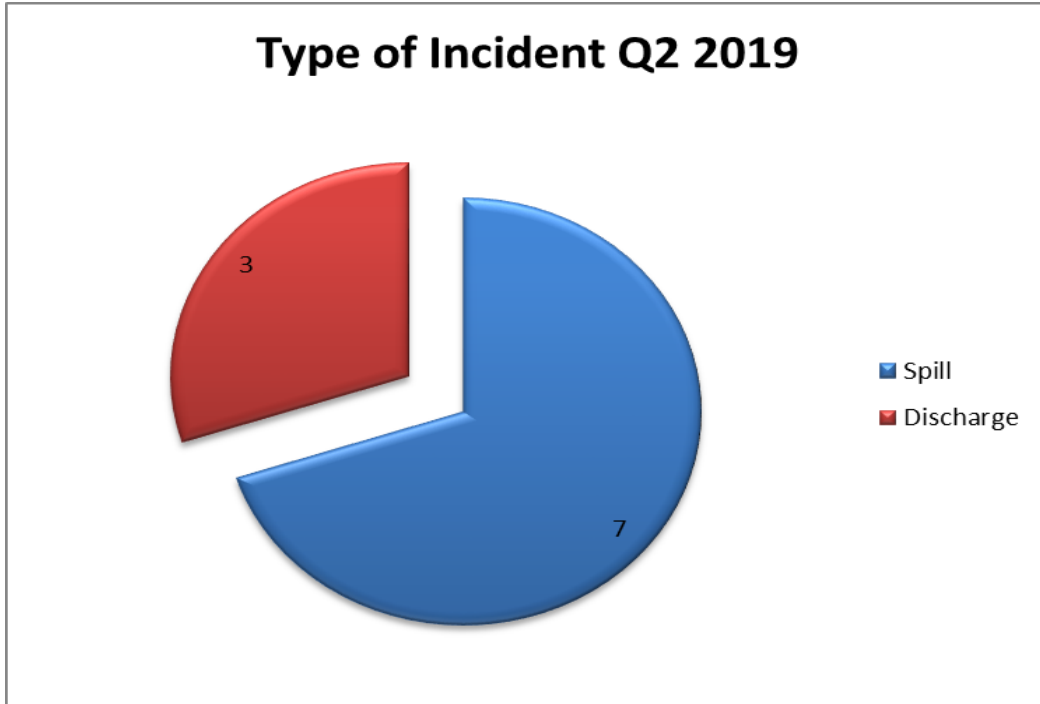




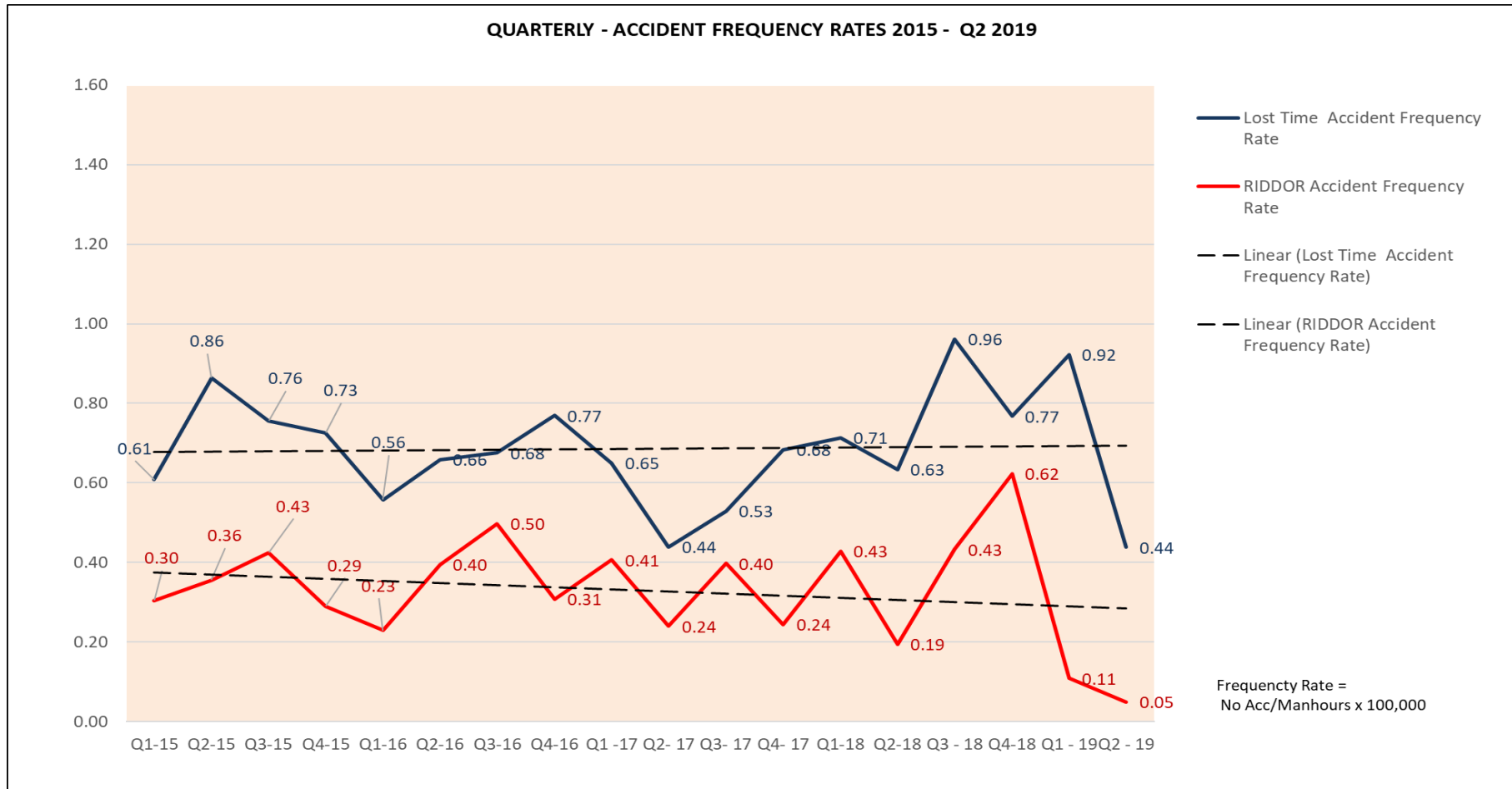




**Quarter 2 Environmental Charts**



**AFR CHART**



**Q2 Service Strikes**

Approx. Date	Electricity	Gas	Water	Other (please specify)	Was a Permit to Work in place?	Details
24/04/2019			x			
21/05/2019	x				Yes	While installing column (Pile No 1103) on Plot 20 on initial penetration of ground at approx. 600mm - 800mm down, there was a large flash at the side of the Vibroflot.
17/06/2019	x					

**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	Foundati on Site Activity	Function / Trade (at time of accident)	Activiy of IP	Body part injured	Type of Injury	Outline / Description	Immediate Cause	Pers onal Factors	Job Factors	Organis ational Factors	Remedial Action Taken
2019/239	1-7 day LTA	25/06/19	19 - 30	>3 years	07:30	16:00	Site	Rotary site	General Piling Operative	Bankin g a crane or rig	Eye	Other	At approximately 16:00 on Tuesday 25th June, The IP complained to his supervisor that his eye was irritating him and that he had something in his eye. The First aider helped him wash his eye out and looked to see whether there was anything there. The IP has stated that he was wearing his glasses at the time of the incident. They could see nothing in his eye and so they assumed that they had been successful at removing the object. The next morning, he woke with his eye sore and inflamed, so when he arrived at site his foreman instructed him to go and seek medical help. The IP arrived back to site in the afternoon with an eye patch on his eye, and was told to rest by the medical staff. On 27th June the IP called in sick as his eye was still sore and irritated but he arrived at site at 11:30 with his eye patch removed and has since returned to work	Not known	N/A	Maintenance of safe work environment (noise, layout, interfaces, atmosphere, etc)	N/A	No actions recorded
2019/240	Dangerous Occurrence	21/05/19	41 - 50	>3 years	07:30	13:00	Site	Rotary site	Ancillary Plant Operator	Other	eye	Eye injury	When tipping pile arisings the dumper truck was on th edge of the batter when it gave way, the dumper fell forward and down, finishing embedded vertically in the spoil . The driver was not injured and was wearing his seatbelt.	Moving/Fal ling Objects	Perce ption of risk (unaware, underestimate, mach o)	Supervision (numbers, communication, competence, control, etc)	Manage ment of Change (communication, evaluation, consultation)	A review of how spoil heaps were managed was carried out from the perspective of Temporary works arrangements. Poor change management was one contributing factor as the risks introduced by the changing situation had not been recognised.
2019/241	+7 Day LTA (RIDDOR)	21/05/19	51 - 60	>3 years	07:30	14:15	Yard	Plant Yard or Workshop	Delivery/R MC Driver	Manual Handlin g - handlin g constru ction materia ls	Shoulder	Sprain / Strain	Moved helical by swing his left foot across his right foot and his right foot slipped on the gravel causing IP to land heavily on his right shoulder.	Slip/Trip	Error (lapse , slip, mistake)	N/A	N/A	IP will be briefed and sent on a Health & Safety awareness course.

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	Foundati on Site Activity	Function / Trade (at time of accident)	Activiy of IP	Body part injured	Type of Injury	Outline / Description	Immediate Cause	Pers onal Factors	Job Factors	Organis ational Factors	Remedial Action Taken
2019/242	+7 Day LTA (RIDDOR)	30/05/19	31 - 40	>3 years	07:30	15:45	Site	Drilling/M inipile site	General Piling Operative	Other	Arm	Sprain / Strain	Piling crew were in the process of removing drill rods from the rig. 14 rods had successfully been removed without any problems. Whilst removing the last two rods the spanner kept slipping from the groove of the rod. As the operative tried to wiggle it to get it back into position, the spanner sprung back catching the I.P s right thumb, causing the thumb and forearm to be pushed back, and damage to sof tissue	Moving/Fal ling Objects	Error (lapse , slip, mistake)	Risk assessment and safe method of work (done, adequate, appropriate, checked, etc)	N/A	N/A
2019/243	+7 Day LTA (RIDDOR)	23/05/19	51 - 60	>3 years	07:30	16:15	yard	CFA/CS P site	Delivery/R MC Driver	Other	Ankle / Foot	Sprain / Strain	HGV driver had climbed down from his cab and stepped onto made ground. The driver turned his ankle and tore his ligaments. He was subsequently off for > 7 days	Slip/Trip	Error (lapse , slip, mistake)	N/A	N/A	N/A
2019/244	Major (Specified) Injury	01/05/19	51 - 60	>3 years	08:00	16:00	Site	Not identified	Other Sub-Contractor	Other	Hand / Wrist	Fracture	IP exiting the excavator, they fell to the ground from the tracks of the excavator during egressing the excavator. After attending medical appointments it was confirmed fractured left wrist.	Fall from Height	Error (lapse , slip, mistake)	Provision and maintenance of plant / tools / equipment / PPE	Contract or management (selection , standard setting, liaison, monitoring, supervision	Safety Alert issued - 115 Access & Egress to Plant. Operatives were reminded to keep the excataor free from mud, the steps were found to be covered in mud meaning access and egress to / from the excavator could have been made unsafe due to the build up of the mud. Review of the management of subcontractors used with in the business. Meeting held between RBL & Sub-Contractor.
2019/245	Major (Specified) Injury	17/05/19	41 - 50	< 1 year	06:00	15:50	Worksho p	Off site	Workshop /Factory Operative	Walkin g	Arm	Fracture	IP tripped over cages that were lying across the floor when the operative was leaving a welding bay whilst carrying parts collected from the welding bay	Slip/Trip	Perce ption of risk (unaware, underestimate, macho)	Maintenance of safe work environment (noise, layout, interfaces, atmosphere, etc)	N/A	20/05/2019 – 10:00am – Meeting held to establish facts and immediate corrective actions Immediate corrective actions established and actioned within timescale agreed. +People RBT will be conducted

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	Foundati on Site Activity	Function / Trade (at time of accident)	Activiy of IP	Body part injured	Type of Injury	Outline / Description	Immediate Cause	Pers onal Factors	Job Factors	Organis ational Factors	Remedial Action Taken
																		upon the Line managers return from holiday. 21/05/2019 – Production team briefed about the accident and changes made to the welding bays.
2019/246	Dangerous Occurrence	13/05/19			08:00	0.604166667	Site	Driven site	Crane/Rig Driver	Lifting Operations	None		Whilst piling, bolts holding the winch onto rig RB 5019 sheared, pile rope was still connected to section on floor and the winch was lowered down with the hammer under control by use of a JCB 926 forklift	Moving/Falling Objects	N/A	Provision and maintenance of plant / tools / equipment / PPE	N/A	Investigation carried out by plant department and external inspection on failed parts conducted.
2019/247	Major (Specified) Injury	27/06/19	51 - 60	>3 years	07:00	18:00	Site	CFA/CS P site	Manager/Supervisor	Other	Shoulder	Fracture	IP struck by whipping 5" hose, fell backwards into open pile	Hit something fixed or stationary	Perception of risk (unaware, underestimate, macho)	Risk assessment and safe method of work (done, adequate, appropriate, checked, etc)	N/A	The IP was involved in clearing an obstruction from a concrete hose on a Junttan PM25 rig. There was pressure in the line that caused the hose to whip up when the obstruction became free. The hose struck the IP in the chest and knocked him into a 'Pre formed head fracturing his Clavicle (collar) on Chromium (shoulder) bones.

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	Foundati on Site Activity	Function / Trade (at time of accident)	Activiy of IP	Body part injured	Type of Injury	Outline / Description	Immediate Cause	Pers onal Factors	Job Factors	Organis ational Factors	Remedial Action Taken
2019/248	+7 Day LTA (RIDDOR)	08/05/19	19 - 30	< 1 year	07:00	09:45	Site	Drilling/M inipile site	General Piling Operative	Manual Handling - Assembling	Ankle / Foot	Fracture	IP struck by falling 52Kg casing, 1.0m long	Moving/Falling Objects	Error (lapse, slip, mistake)	Provision and maintenance of plant / tools / equipment / PPE	N/A	Auger casings advancing a meter at a time. Extract once depth achieved. All augers removed and install plastic ducting and then remove remaining augers. The IP was taking casings off as they were being removed from the well. The weather was rainy and the street was very wet. The end caught and dislodged it from his grip. It fell through the mesh of the cage and onto his right foot. The cage is designed to protect from moving parts when vertical. This operation was horizontal.
2019/249	Dangerous Occurrence	07/05/19			07:00	0.3854 16667	Site	CFA/CS P site					PM25 lifting rig on outriggers and mast to rotate carriage		Error (lapse, slip, mistake)	Compliance	N/A	Piling rig was being moved to new pile. The feet were down to swivel the track carriage when the rig toppled over to the left.
2019/250	+7 Day LTA (RIDDOR)	13/05/19	51 - 60	>3 years	07:00	12:45	Site office	Rotary site	Manager/Su pervisor	Walking	Ankle / Foot	Fracture	IP was walking through site turnstile and caught his foot on steel bracing which caused him to trip and bang his big toe on his right foot and fracture it.	Slip/Trip	Error (lapse, slip, mistake)	Maintenance of safe work environment (noise, layout, interfaces, atmosphere, etc)	Design & planning risk management (elimination, assessment, control HSE risks)	Turnstile moved to a better location with less clutter in front.



**Q2 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	Remedial Action
Minor Incident	24/06/2019	12:30	Site	Rotary site	Spill	Machine breakdown (inc Hose bursts)	A team from Expanded Geotechnical were carrying out existing slab coring in area C corner of Winsland Mews adjacent to hospital, using BG30 Piling Rig. At around 12:30pm on 24/06/19 one of the hydraulic hoses burst unexpectedly. As a result of this some hydraulic oil was sprayed onto the façade hospital building, Winsland Mews pavement adjacent to the hospital entrance, Roof as well as to bikes and vans which were parked at the time of the incident. Luckily there were no members of the public walking by at that time.	Spill kits on rig utilised to control spill. Street Clean up arranged and affected vehicles cleaned.
Minor Incident	09/04/2019	08:44	Yard	Factory Premises	Spill	Other	While cleaning up jet washing bay with beam on fork truck, the fork truck began to drop all its hydraulic fluid on to floor next to drains	
Minor Incident	29/04/2019	10:15	Site	CFA/CSP site	Spill	Machine breakdown (inc Hose bursts)	Hydraulic hose on PM70 concrete pump burst, spilling oil on the ground.	
Minor Incident	14/05/2019	12:30	Site	Drilling/Minipile site	Spill	Machine breakdown (inc Hose bursts)	Oil spill (approx. 1l) after a stone from the platform struck the hydraulic hose off the box behind the tracks.	Spill kits on rig utilised to control spill
Minor Incident	22/05/2019	10:00	Site	Rotary site	Spill	Machine breakdown (inc Hose bursts)	While inserting casing, a hydraulic hose burst. Biodegradable oil was spilt which was contained by spill kits.	Spill kits on rig utilised to control spill
Minor Incident	23/05/2019	15:00	Site	Rotary site	Discharge	Incorrect handling	Operative opened concrete skip door and discharged concrete into dock.	Incident reported, operatives rebriefed and process reviewed and amended.
Minor Incident	20/05/2019	11:00	Workshop	Plant Yard or Workshop	Spill	Machine breakdown (inc Hose bursts)	BG40 fan motor leaked approx. 100l of oil on workshop floor.	Oil was cleaned with spill kit and removed for disposal.
Minor Incident	09/08/2019	14:00	Site	Rotary site	Spill	Machine breakdown (inc Hose bursts)	Pipe burst on P2 barge hydraulic hammer.	Burst was contained and cleaned with spill kit.
Minor Incident	21/08/2019	15:00	Site	Rotary site	Discharge	Poor planning	Small amount polymer was discharged into dock.	Process reviewed and rebriefed to site operatives.
Minor Incident	03/05/2019	09:30	Site	Rotary site	Spill	Machine breakdown (inc Hose bursts)	Whilst Boring a secant pile the BG28 burst a hydraulic hose causing hydraulic oil to spill on the area immediately surrounding the rig	Not RIDDOR reportable and no alert required