



MET COAL

S&H Monthly Report – June 2020



MET COAL SAFETY OVERVIEW SUMMARY

The Met Coal business recorded:

- **Nil HPIs** during June. Grasstree continue with >17 mths and Exploration >13 mths HPI free.
- **19 HPHs** in June: 3xCapcoal, 7xDawson, 1xGrasstree, 2xGrosvenor, 6xMoranbah North (*note 4 event dates were May however not reported due to June consequence dates*).
- **5 TRC** injuries in June: 2xAquila (*Conts-rolled angle, pinched finger*); 1xDawson (*Emp-hand laceration*); 2xMoranbah North (*Cont LTI-neck fracture, Emp-back strain*).
- **1 OCIL** reported in June: Moranbah North (*Emp*).

The Met Coal **SLT VFL** completion rate was slightly above target at **109%** for June (YTD 101%).

Met Coal recorded **20 critical control deficiencies** in June (*4xOpen Cut; 16xUnderground, 12 reported as affecting the integrity of the controls due to monitoring not completed at Grosvenor following gas and spon com events. No risk to personnel as no access to underground*).

Met Coal has **17 outstanding tasks** based on 'real due date' for June:

- 15xBrisbane Corporate Office, 2xExploration
- Nil outstanding HP Tasks
- 2 outstanding Audit Tasks (Exploration)
- Nil outstanding Critical Control tasks.

5 overdue investigations:

- HPI: 2xMoranbah, 1xGrosvenor: HPH: 2xAquila Projects.

TARP Status:

- Capcoal Open Cut and Grasstree status improved moving to Normal from Level 1; Dawson moved from Level 2 to Level 1
- Stability with Exploration (Normal); Aquila (Level 1)
- Grasstree and Capcoal Open Cut moved from Normal Status to Level 1
- Moranbah North moved from Normal status to Level 1
- Grosvenor remained at Level 3 reflecting ongoing recovery from a major injury event and subsequent spon com event this month.

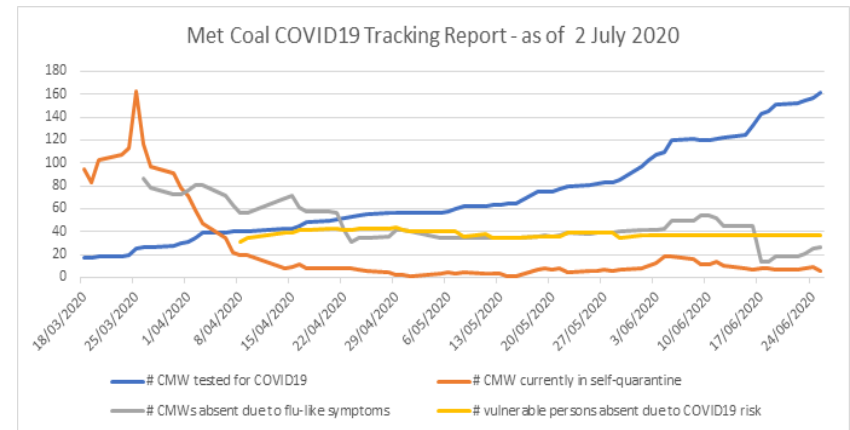
2020 Met Coal Targets approved June 2020 = 10% reduction target against 2019 results. Group wide incentivised targets will be TRCFR 15% reduction based on 3 year average results = 7.77%.

COVID-19 tracking:

In last 7 days, Queensland Health has reported:

- one new COVID-19 case; and
- total of 36,889 COVID-19 tests undertaken.

Met Coal CMW's testing continues to increase, vulnerable persons absent remains stable, slight increase in those absent due to flu like symptoms, and slight decrease in those self-quarantining. **No** confirmed Covid cases in Met Coal.



ACTUALS V TARGETS

	High Potential Incidents							HPH Target	Data as at 3rd July 2020						
	High Potential Incidents			High Potential Hazards					Met Coal Reporting Period: June 2020						
				Counts					Total Recordable Injuries						
	2019 HPI's	This Month	HPI's YTD	2019 HPH's	This Month	HPH's YTD	HPH Target		HPI Target	2019 Actual	This Month	Target	TRC YTD	2019 Actual	2020 Target
Brisbane Misc	1	0	0	1	0	0	See note below on HPH expectations	0	1	0	No Individual TRC Targets	0	1.33	1.20	0.00
Aquila	0	0	0	0	0	3		0	0	2		6	0.00	0.00	19.99
Exploration - Aus	1	0	0	0	0	0		0	3	0		0	55.53	0.00	0.00
Non Mining Operations	2	0	0	1	0	3		0	4	2		6	4.97	4.47	8.83
Capcoal Open Cut	4	0	0	56	3	27		0	7	0		2	3.64	3.28	1.95
Dawson	2	0	2	86	7	34		0	8	1		8	2.64	2.38	4.72
Surface Operations	6	0	2	142	10	61		0	15	1		10	3.03	2.73	3.68
Capcoal Grasstree	0	0	0	5	1	6		0	13	0		6	7.61	6.85	6.94
Grosvenor	2	0	2	20	2	8		0	18	0		11	9.10	8.19	11.69
Moranbah North	2	0	2	22	6	18		0	26	2		5	9.21	8.29	3.15
Underground Operations	4	0	4	47	9	32		0	57	2		22	8.76	7.88	6.48
Met Coal	12	0	6	190	19	96		0	76	5		38	6.20	5.58	5.59

	Lost Time Injuries							LTI Severity Rate		Occupational Illness					
	Counts			Frequency Rates				2019	YTD	Frequency Rates			Counts		
	2019 Actual	This Month	Target	LTI YTD	2019 Actual	2020 Target	LTIFR YTD			2019 Actual	2020 Target	OCCILFR YTD	2019 Actual	This Month	OCCIL YTD
Brisbane Misc	0	0	No Individual LTI Targets	0	0.00	0.00	0.00	0	0	1.33	1.20	0.00	1	0	0
Aquila	0	0		3	0.00	0.00	9.99	0	510	1.33	1.20	0.00	1	0	0
Exploration - Aus	3	0		0	55.53	0.00	0.00	5460	461	0.00	0.00	0.00	0	0	0
Non Mining Operations	3	0		3	3.73	3.35	4.42	285	240	1.24	1.12	0.00	1	0	0
Capcoal Open Cut	6	0		0	3.12	2.81	0.00	51	0	1.04	0.94	2.92	2	0	3
Dawson	2	0		6	0.66	0.59	3.54	10	139	4.62	4.16	0.59	14	0	1
Surface Operations	8	0		6	1.62	1.45	2.21	26	87	3.23	2.91	1.47	16	0	4
Grasstree	11	0		2	6.44	5.80	2.31	239	131	1.17	1.05	2.31	2	0	2
Grosvenor	12	0		9	6.07	5.46	9.56	339	918	2.02	1.82	9.56	4	0	9
Moranbah North	19	1		2	6.73	6.06	1.26	274	95	1.06	0.95	0.63	3	1	1
Underground Operations	42	1		13	6.45	5.81	3.83	285	332	1.38	1.24	3.54	9	1	12
Met Coal	53	1		22	4.32	3.89	3.24	180	225	2.12	1.91	2.36	26	1	16

2020 Met Coal Targets approved June 2020 = 10% reduction target against 2019 results. Group wide incentivised targets will be TRCFR 15% reduction based on 3 year average results = 7.77%.

Note: Exploration-Aus counts=incidents assigned to Met Coal Exploration-Aus entity in Enablon. Exploration incidents assigned to a site will be managed externally to reflect total exploration incidents.

HPH Expectations:

1. It is expected that all sites will have proactive programs at multiple levels of leadership for the identifications, reporting and correction of HPH's;
2. It is expected that SLT's will have programs to encourage workforce identification, reporting and (as appropriate) correction of HPH's;
3. It is expected that sites will analyse and report on HPH trends on a quarterly basis; and
4. While no specific target for HPH's is set - it would be expected that sites would readily identify 4 HPH's per month

OPERATIONAL RISK MANAGEMENT

		CC Actively monitored as per requirements			
Mine Site	No. of Critical Controls	# Controls Monitored this month	# Deficient controls - Affected Controls (all in)	# Overdue Controls	Deficiencies without Actions
Capcoal Open Cut	54	37	0 (2)	5	0
Dawson	109	59	0 (2)	0	0
Capcoal Grasstree	138	60	0 (3)	0	0
Grosvenor	122	51	12 (13)	0	0
Moranbah North	237	48	0 (0)	0	0
Exploration - Aus	91	33	0 (0)	0	0
Met Coal	751	288	12 (20)	5	0

SAFETY INTERVENTION TARP

Site	Previous Month TARP STATUS	Current Month TARP STATUS	Flagged Trigger	Intervention Actions
Capcoal Grasstree	Level 1	Normal State		
Capcoal Open Cut	Level 1	Normal State		
Dawson	Level 2	Level 1	1 TRC 1 HPI within 3 mths	
Aquila Project	Level 1	Level 1	2 TRCs	
Moranbah	Normal State	Level 1	2 TRCs	
Exploration – Australia	Normal State	Normal State		
Grosvenor	Level 3	Level 3	1 HPI within 3 mths	LW remains under control of DNRME, mining has not resumed and investigation continues at this time. Extensive communications, risk assessments and planning for mine re-entry work have been implemented.

- TARP Conditions under review to add components related to lead indicators and Critical Control factors

LAST DATE INFORMATION

Entity	# of HPI's YTD	# Days since Last HPI	Date of last HPI	# of TRC's YTD	# Days since last TRC	Date of last TRC	# of LTI's YTD	# Days since last LTI	Date of Last LTI
Capcoal Open Cut	0	223	21/11/2019	2	51	11/05/2020	0	278	27/09/2019
Dawson	2	73	19/04/2020	8	11	20/06/2020	6	36	26/05/2020
Grasstree	0	549	30/12/2018	6	44	18/05/2020	2	146	6/02/2020
Grosvenor	2	56	6/05/2020	11	56	6/05/2020	9	56	6/05/2020
Moranbah North	2	93	30/03/2020	5	22	8/06/2020	2	25	6/06/2020
Exploration Aus	0	422	6/05/2019	0	221	23/11/2019	0	221	23/11/2019
Aquila Project				6	19	13/06/2020	3	33	29/05/2020
Brisbane Misc-Projects	0	198	16/12/2019						

Note: Number of Days has been calculated as at 01/07/2020

*** Exploration counts include incidents assigned to 'Met Coal Exploration – Australia' entity.**

HPI/HPH DETAILS FOR MONTH

Entity	Event ID	Event Date	Consequence Date	Event Summary	HPI HPH
Capcoal Grasstree	IN.00226737	09/06/2020	12/06/2020	E Stop engaged on #94 Shield to make slack in crossover hose easier to re-hang. Hi Set Pressure failed to dump, only system pressure dumped.	HPH
Capcoal Open Cut	IN.00227285	17/06/2020	17/06/2020	During morning inspection the mining superintendent found a slot had been cut through the windrow ,there were no controls in place stop sign or red hats circuit was not running at the time however the drill was walking down the ramp EX 359 was relocated so there was interaction with heavy machines service truck was active on the circuit	HPH
Capcoal Open Cut	IN.00227461	21/06/2020	21/06/2020	When completing weekly inspection on OD201 trades technician found air tank dump valve had been bent to allow removal of tank cap without opening dump valve to drain air tank .	HPH
Capcoal Open Cut	IN.00228336	30/06/2020	01/07/2020	German Creek HME Bulk Oil Tank Access System not fit for purpose and could allow CMW to fall backwards or sideways while climbing down the ladder.	HPH
Dawson	IN.00226121	03/06/2020	03/06/2020	Operator of Rd127 failed to identify LV 138 at intersection.	HPH
Dawson	IN.00226275	08/06/2020	08/06/2020	Non-rated attachment for the HV cable to be support and ability for personnel to walk under the cable area.	HPH
Dawson	IN.00226276	04/06/2020	08/06/2020	Light vehicle 138 found in dump park up area not chocked	HPH
Dawson	IN.00226277	02/06/2020	02/06/2020	Operator of LV 4-5 was returning from pit 27 dump when he crossed through an intersection onto the wrong side of the haul road and traveled towards RD3985.	HPH
Dawson	IN.00227958	26/06/2020	26/06/2020	There is not hard barrier preventing access under ROM bins along the ROM transfer conveyor access walkways (ie CV111, CV121 and CV151 walkways).	HPH
Dawson	IN.00228127	25/06/2020	29/06/2020	After a circuit breaker failure at Dawson CHPP, the metal isolator mounting bracket and isolator actuator handle was measured at 240V. At no time should the mounting bracket and isolator actuator handle be live.	HPH
Dawson	IN.00228150	29/06/2020	29/06/2020	Lanyard wire and runner have not been inspected periodically for structural integrity and compliance as per the Australian Standard requirements	HPH
Grosvenor	IN.00227727	20/06/2020	24/06/2020	Near miss of Heavy Vehicle (Truck) and Light Vehicle. Light vehicle failed to give way at intersection which was Giveway signed posted. Fully loaded heavy vehicle had to come to a complete stop to avoid interacting with light vehicle.	HPH
Grosvenor	IN.00227739	19/05/2020	24/06/2020	While CMW was conducting leak detection (soapy water) inspection on diesel exhaust system, the connection joint from exhaust pipe to exhaust conditioner failed the inspection. Further inspection found 2 x bolt sheared and 1 x bolt missing of the four M12 socket head cap screw bolts and evidence of impact damage to exhaust conditioner (scrubber tank) PJB Minecruiser tagged out of service and investigation commenced	HPH

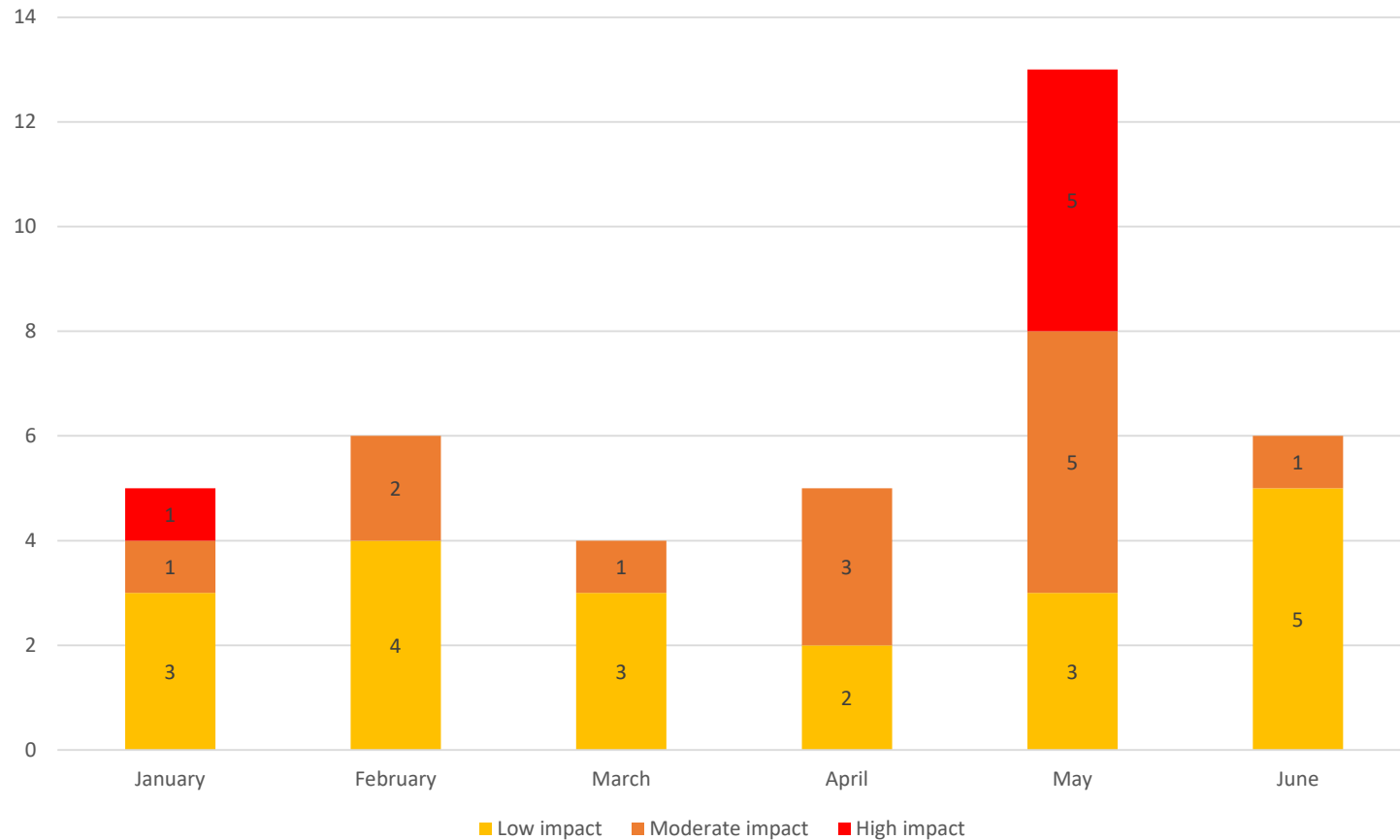
HPI/HPH DETAILS FOR MONTH (CONT)

Entity	Event ID	Event Date	Consequence Date	Event Summary	HPI HPH
Moranbah North	IN.00225650	29/05/2020	01/06/2020	During development at MG113 belt chamber, several reports of cawling, belting/guttering at roof/rib interface, shears, joints, audible roof bumping and increased tell-tale movement were made and continued after development. Additional roof support was installed to stop the roof deformation.	HPH
Moranbah North	IN.00226016	02/06/2020	04/06/2020	Cutting TG - MG in a cavity, CMW was on roof support 42, no PM32 alarm/warning, shield then started to lower. ERZC at RS 41 then hit E stop, shearer at RS 44, CMW manually advancing RS45.	HPH
Moranbah North	IN.00226380	31/05/2020	09/06/2020	Repowered SB010 outlets to LW and Dev without notifying CRO or ERZ Controller	HPH
Moranbah North	IN.00226732	31/05/2020	12/06/2020	On packing DR23 on go line saw wash cap on gas sensor has been left on from SAT N/S	HPH
Moranbah North	IN.00226762	09/06/2020	12/06/2020	Producing on maingate to tailgate cutline run. Shearer was at PRS 61. All supports had advanced to PRS 59 as per automatics. PRS 54 lowered and set. Then PRS 53 lowered, advanced and set.	HPH
Moranbah North	IN.00228237	29/06/2020	30/06/2020	When inspecting monorail found broken monorail joining bracket	HPH

INJURY DETAILS FOR MONTH

Entity	Event ID	Event Date	Event Title	Actual Consequence	Potential Consequence
Aquila Project	IN.00227269	12/06/2020	Pinched Left Ring Finger	Medical Treatment Case	Medical Treatment Case
	IN.00227370	13/06/2020	Operator rolled ankle stepping out of container	Medical Treatment Case	Lost Time Injury
Dawson	IN.00227444	20/06/2020	CMW caught hand on a protruding screw	Medical Treatment Case	Medical Treatment Case
Moranbah	IN.00226256	06/06/2020	DNRM SA / LTI - Fall from truck trailer resulting in injury	Lost Time Injury	Lost Time Injury
	IN.00226365	08/06/2020	MTC / DNRM NRI - Outbye Operator Back Pain	Medical Treatment Case	Medical Treatment Case

MET COAL TRC IMPACT ANALYSIS – 2020 YTD



Analysis Calculator considers the actual or predicted outcome of Total Recordable Case (TRC) injuries based on the level of medical intervention required, time lost and/or work restrictions, impacts on the injured worker and the potential compensation costs of each case. Each TRC is allocated a numerical score for each consideration, with the total score equating to an overall impact of low, moderate or high.

MET COAL OVERDUE INCIDENT INVESTIGATIONS

Entity	Incident ID	Incident Date	Incident Summary:	HPI/HPH
Moranbah North	IN.00196054	20/02/2019	On 20th June 2019, an Underground Grader came into contact with a personnel carrier in the man and materials drift.	HPI
	IN.00222655	30/03/2020	The driven pulley on PP303, Warman 10/8 filtrate pump at the CHPP failed during normal operations, resulting in damage to the pulley guard and projecting metal fragments around the localized area. There were no personnel in the immediate area at the time of the incident.	HPI
Aquila Project	IN.00224366	30/04/2020	While Conducting an Inspection of Critical Fibre infrastructure an IM Officer has discovered an issue with the Network after testing, he has discovered damage to a fibre line from intentional cutting. Upon further investigation by the Aquila team it was discovered that several high Tension cables had been cut and removed from site. HV switch yard chains and locks had been cut - Exposure to 66kv and 11kv infrastructure - and switch room parts taken from enclosures. A vehicle had been driven around the site and used to transport the goods, upon further investigation it was discovered that other store items had been tampered with and components removed. Video footage has been reviewed with no evidence available	HPH
	IN.00223004	6/04/2020	During the recent issue of COML it was identified that boreholes marked on the mine plan(Grasstree) were found to be in a different location when physically checked underground and on the mine surface by the Survey Department. As the Mine Geologist was checking plans he noticed a bore hole that appears on the Grasstree Mine plan 25501. This hole was not previously visible on the recent Permit To Mine NE Mains 57-62 A-C & 901 TG to 2 c/t	HPH
Grosvenor	IN.00224943	6/05/2020	At 2:57pm an ignition of gas occurred on the longwall face of the LW104 panel. At the time of the event the longwall (shearer) had been idle for approximately five minutes and the longwall operators were in the process of advancing the hydraulic roof support in an area of faulted ground. The five operators working in the area received significant burns as a result of the ignition.	HPI

MET COAL – OVERDUE TASKS BASED ON REAL DUE DATE

HIGH PRIORITY TASKS:

Entity	Task ID	Task Name	Original Due Date	Real Due Date	Task Assignee
		NIL			

CRITICAL CONTROL TASKS:

Entity	Task ID	Task Name	Original Due Date	Real Due Date	Task Assignee
		NIL			

AUDIT TASKS:

Entity	Task ID	Task Name	Original Due Date	Real Due Date	Task Assignee
Met Coal Exploration - Australia	TS.01205472	Legal Compliance Audit Corrective Actions - Item 11	1/05/2020	1/05/2020	Glass Brendon - 6040027_Mc
	TS.01205476	Legal Compliance Audit Corrective Actions - Item 116	30/06/2020	30/06/2020	

MET COAL – ALL OVERDUE TASKS (REAL DUE DATE)

Entity	Task ID	Task Name	Original Due Date	Real Due Date	Priority	Task Assignee
Brisbane Corporate Office	TS.01229626	92. Redesign SGE model process	31/12/2019	31/03/2020	Medium	Buddle Timothy - 6041820_Mc
	TS.00678948	Develop and Implement Management Strategy for Cultural Heritage and First Nations	31/05/2018	20/12/2019	Medium	Fittler Jason - 5433_Mc
	TS.01024178	Environmental aspects embedded in BRA and bow-ties completed for priority environmental control monitoring activities at all sites.	30/06/2019	31/12/2019	Medium	
	TS.01024180	Health of Discipline conducted and Environmental Training Needs Analysis (TNA) developed and implemented.	31/07/2019	1/11/2019	Medium	
	TS.01024198	Where gaps are identified, develop strategy to bring into compliance for current and future approvals.	30/11/2019	24/01/2020	Medium	
	TS.01024183	Prepare and understand requirements to obtain ISO14001:2015 certification in 2020.	31/12/2019	31/12/2019	Medium	
	TS.01024177	Update UG OMS to include environmental components and ensure compliance within the new OMS through assurance process.	31/12/2019	31/12/2019	Medium	
	TS.00199845	Gap analysis of Aquila SHMS procedures for Low Voltage Electrical Testing and Extreme Weather and Lightning Protection	30/09/2016	31/05/2020	Medium	Gannon Peter - 7414_Mc
	TS.01277732	OMS Documents	30/04/2020	30/06/2020	Medium	Rocchi Luca - 6170152_Mc
	TS.01257995	Dragline Improvement Programme	31/03/2020	31/05/2020	Medium	KAROOZ George - 903162_Mc
	TS.01024167	Assess the adequacy and design/function of MAW structures (inc. Sediment Dams).	31/05/2019	30/06/2020	Medium	Rootsey Gavin Peteer - 6169019_Mc
	TS.01024146	Group water standards are analysed and action plans developed at priority sites.	30/06/2019	31/05/2020	Medium	
	TS.01024142	Assist in Final Design and Commissioning of RO Plant Project at CapCoal	31/12/2019	30/06/2020	Medium	
	TS.01030423	Re-certification of BCO WHSO	20/12/2019	20/12/2019	Medium	Smith Ian - 8945_Mc
	TS.01267898	Dawson West	14/02/2020	31/03/2020	Low	Walters Jamie - 8542_Mc

MET COAL – ALL OVERDUE TASKS (REAL DUE DATE) CONT

Entity	Task ID	Task Name	Original Due Date	Real Due Date	Priority	Task Assignee
Met Coal Exploration - Australia	TS.01205472	Item 11 – ensure “Temporary Appointments” of SSE is appointed in writing when current SSE is absent. Ensure “Temporary SSE Appointments” are entered into the appointments folder in the Mine Record.	1/05/2020	1/05/2020	Low	Glass Brendon - 6040027_Mc
	TS.01205476	Item 116 - Update Prohibited Articles Register	30/06/2020	30/06/2020	Low	

EOFV ACTION PLAN PROGRESS

Entity	Open not due (count)	Open past due (count)	Closed (count)	Total number of tasks	% Closed	% Open not due	% Open past due	Completed	Completed Overdue
Capcoal Grasstree	0	0	7	7	100	0	100	0	7
Grosvenor	0	0	8	8	100	0	0	8	0
Dawson	2	0	29	31	94	6	74	6	23
Moranbah North	3	0	8	11	73	27	0	8	0

EOF EPR ACTION PLAN PROGRESS

Entity	Open not due (count)	Open past due (count)	Closed (count)	Completed Overdue	Total number of tasks	% Open not due	% Open past due	% Closed	% On time closure	In progress
Capcoal Open Cut	19	0	32	0	51	37	0	63	100	0
Moranbah North	0	0	18	1	18	0	0	100	94	0
Grosvenor	0	0	28	0	28	0	0	100	100	0
Capcoal Grasstree	1	0	22	0	23	4	0	96	100	1

EOF PIMC ACTION PLAN PROGRESS

Entity	Open not due (count)	Open past due (count)	Closed (count)	Total number of tasks	% Closed	% Open not due	% Open past due	Scheduled
Capcoal Grasstree	0	0	17	17	100	0	0	0
Moranbah North	2	0	3	5	60	40	0	2
Capcoal Open Cut	0	0	4	4	100	0	0	0
Dawson	11	0	1	12	8	92	0	11



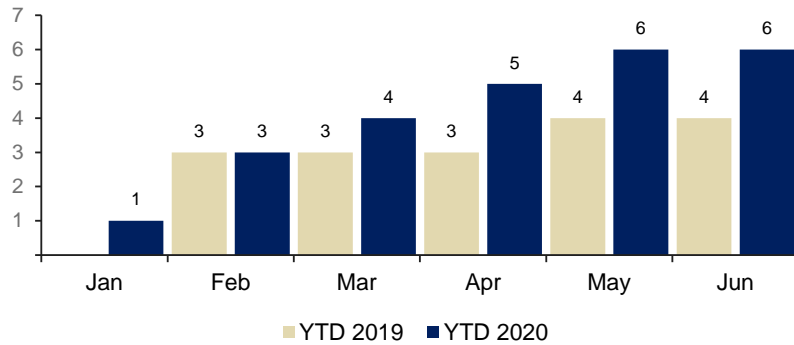
Met Coal

Safety and Health

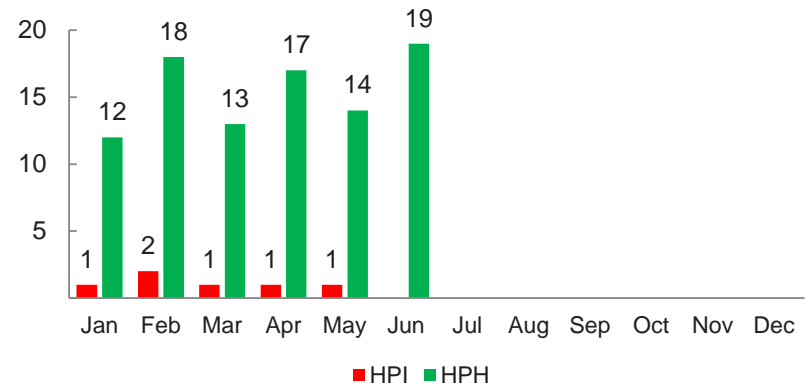
General Information

MET COAL HIGH POTENTIAL INCIDENTS

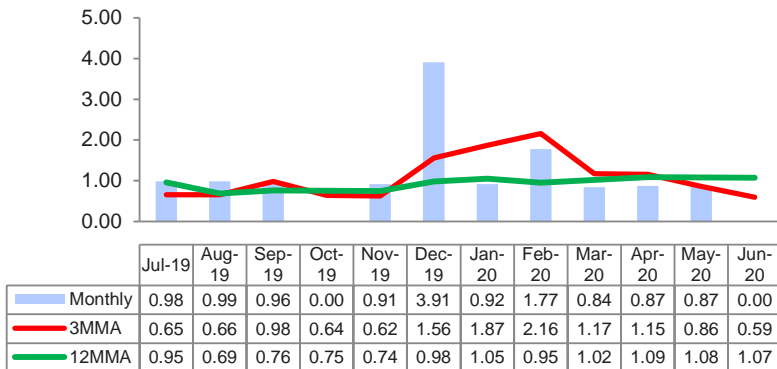
**Met Coal HPI Count
YTD Comparison**



Met Coal - HPI / HPH Reporting

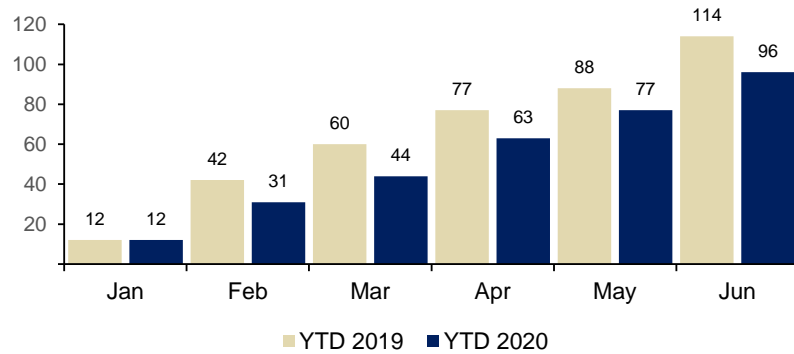


Met Coal HPIFR 3MMA v 12MMA

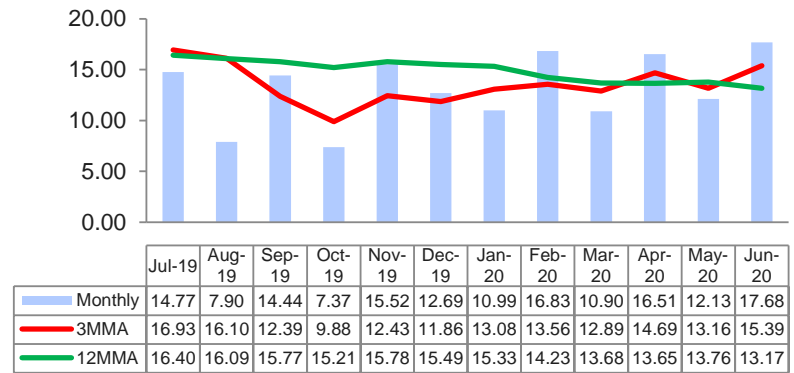


MET COAL HIGH POTENTIAL HAZARD REPORTING

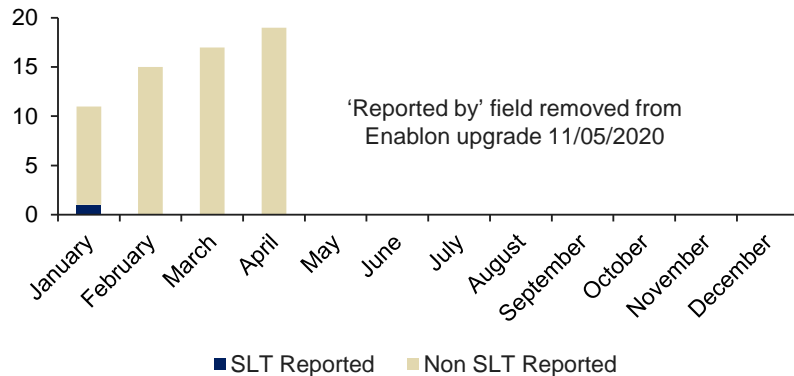
**Met Coal HPH Count
YTD Comparison**



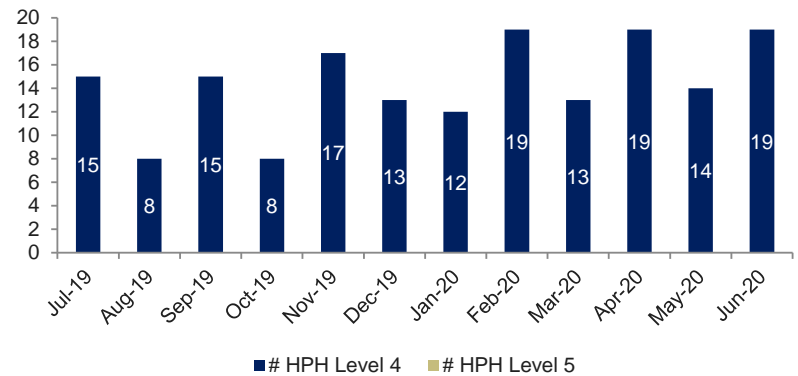
Met Coal HPHFR 3MMA v 12MMA



Met Coal HPH SLT Reported

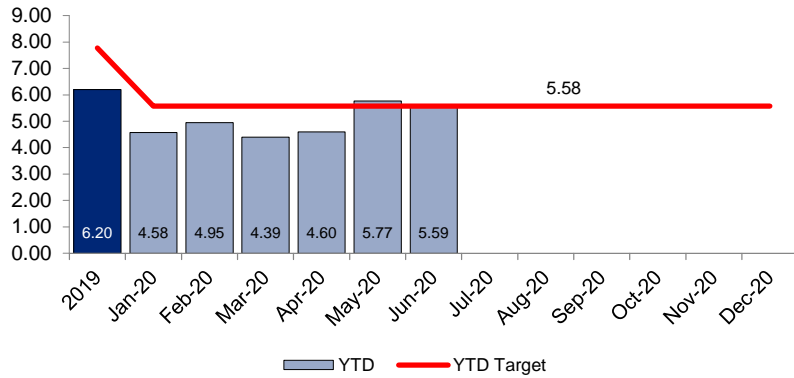


Met Coal HPH Levels

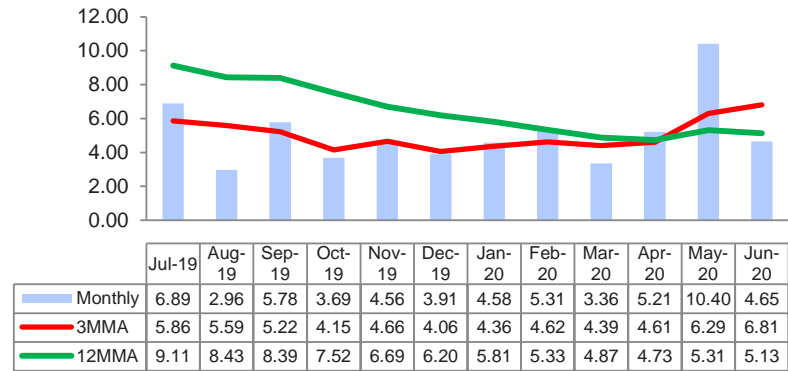


MET COAL TOTAL RECORDABLE CASES

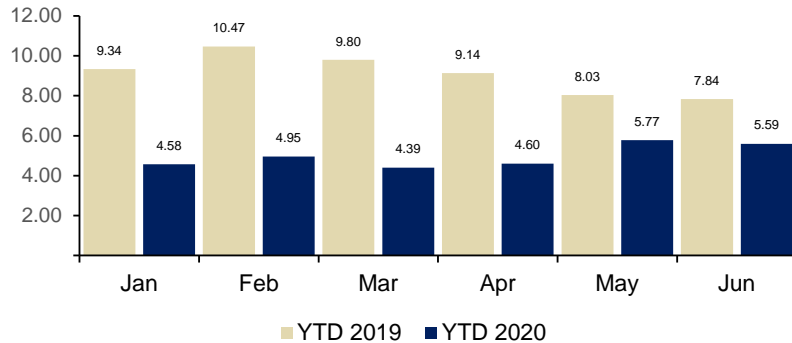
Met Coal TRCFR YTD



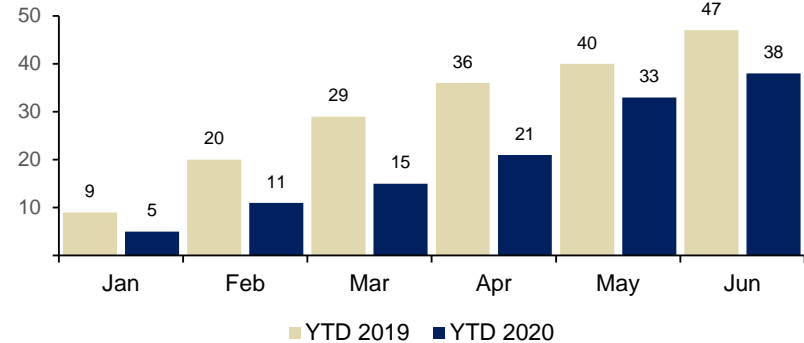
Met Coal TRC 3MMA v 12MMA FR



Met Coal TRCFR
YTD Comparison

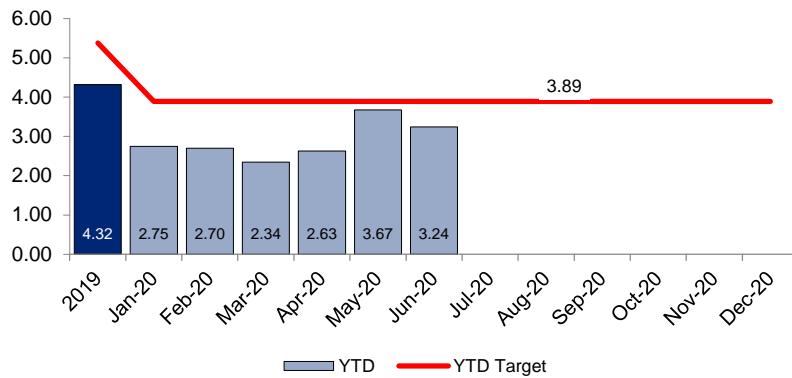


Met Coal TRC Count
YTD Comparison

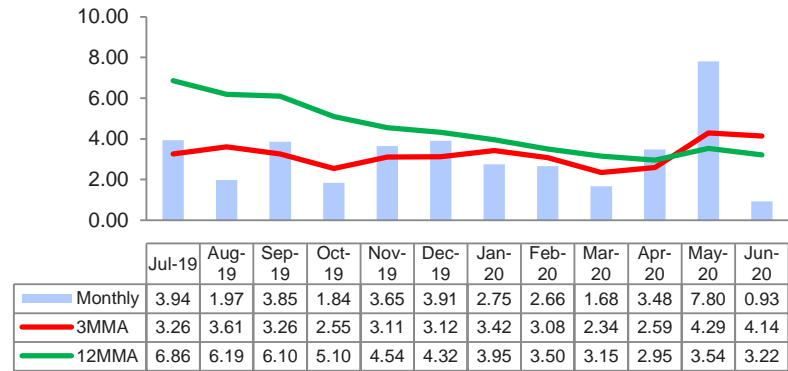


MET COAL LOST TIME INJURIES

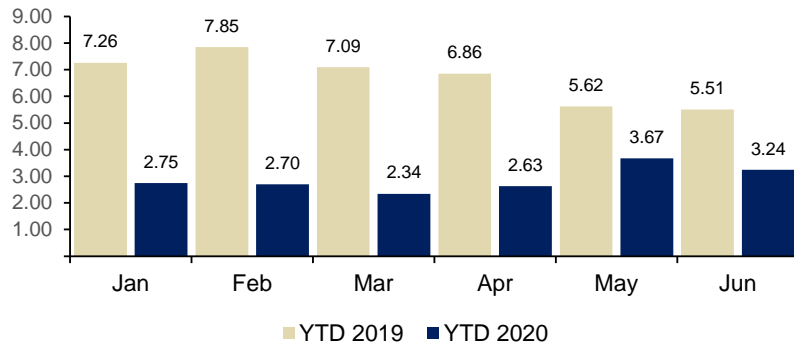
Met Coal LTIFR YTD



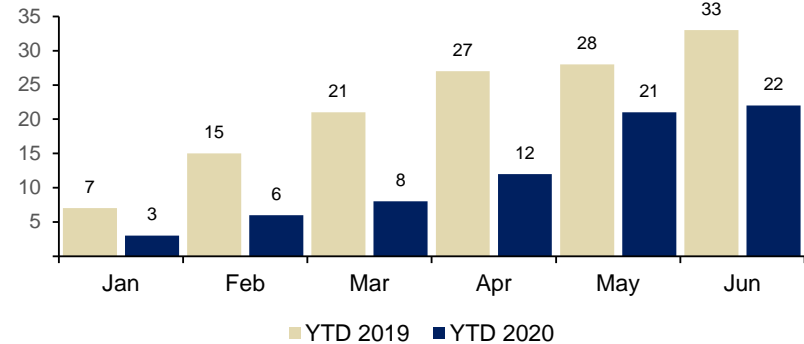
Met Coal LTI 3MMA v 12MMA FR



Met Coal LTIFR
YTD Comparison

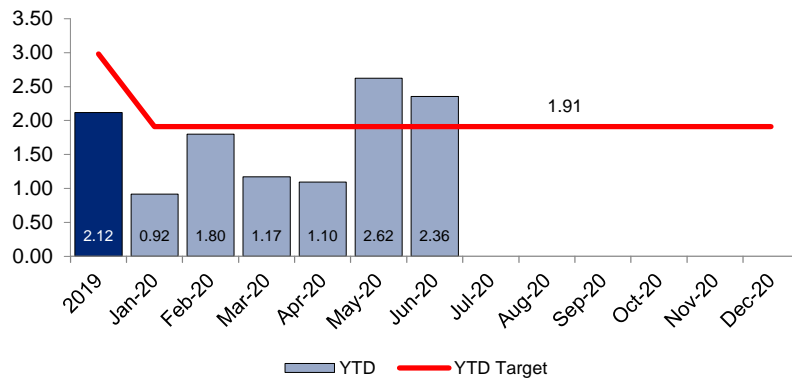


Met Coal LTI Count
YTD Comparison

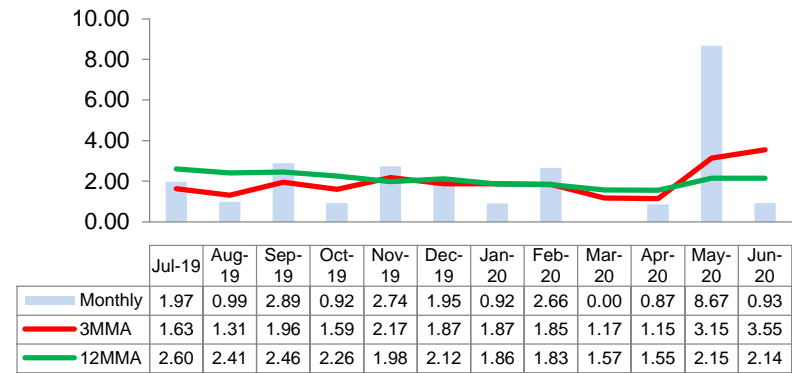


MET COAL OCCUPATIONAL ILLNESSES

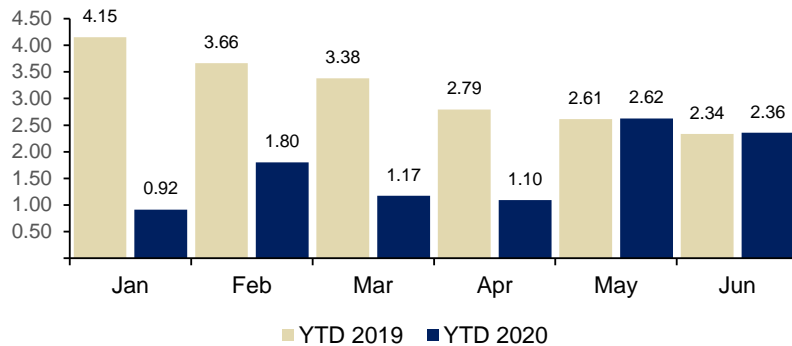
Met Coal OCILFR YTD



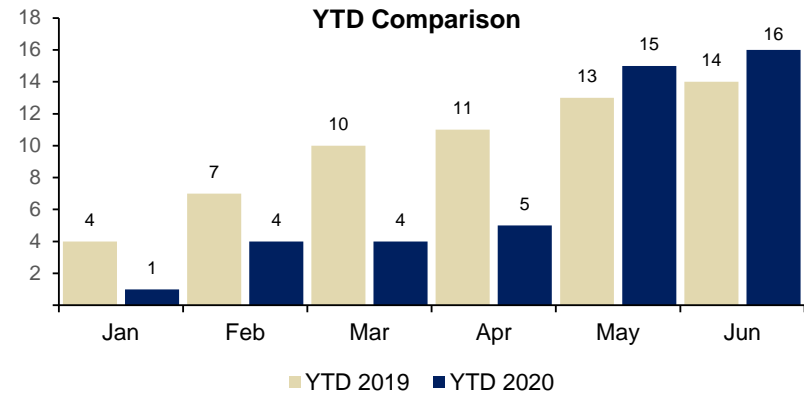
Met Coal OCIL 3MMA v 12MMA FR



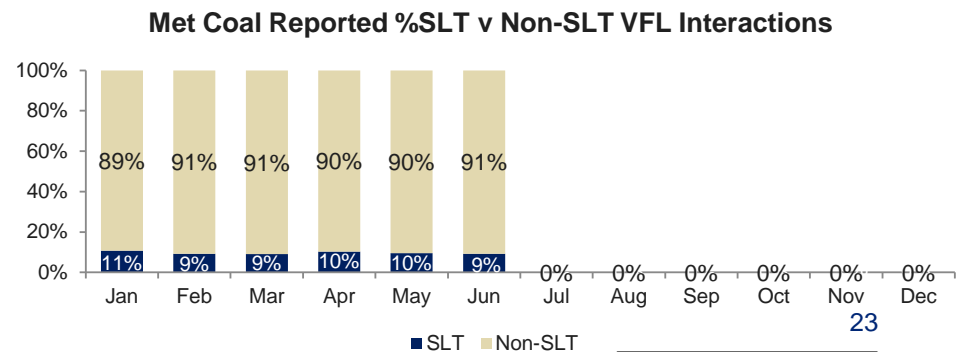
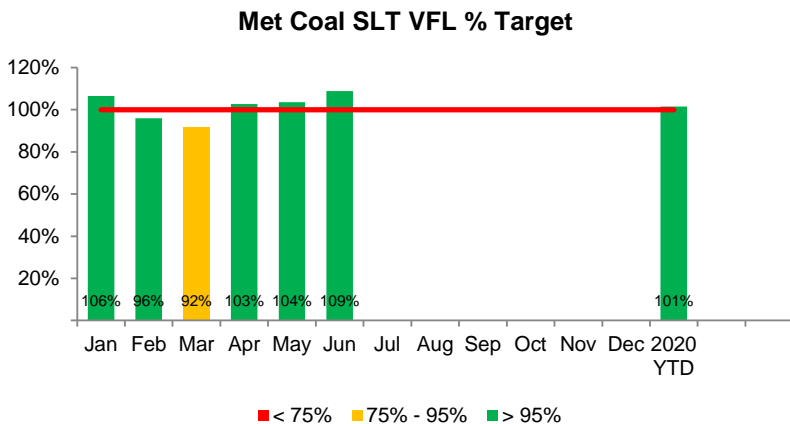
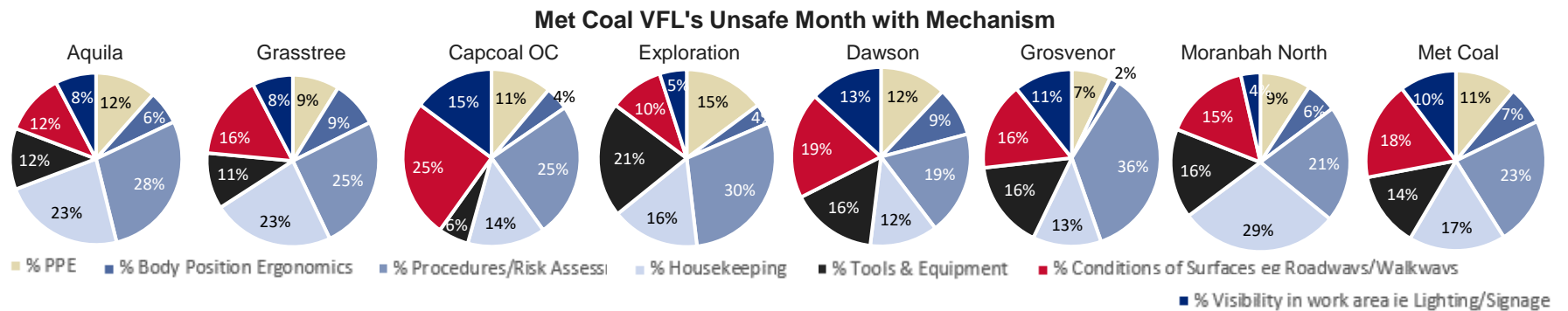
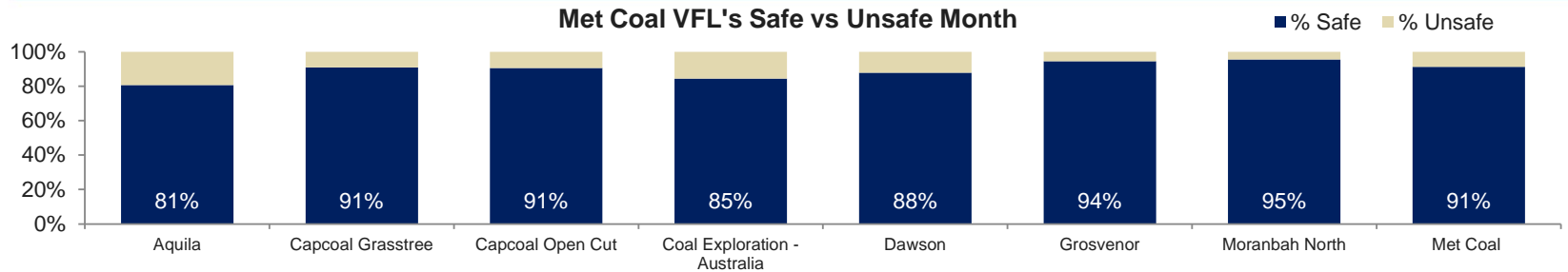
Met Coal OCILFR
YTD Comparison



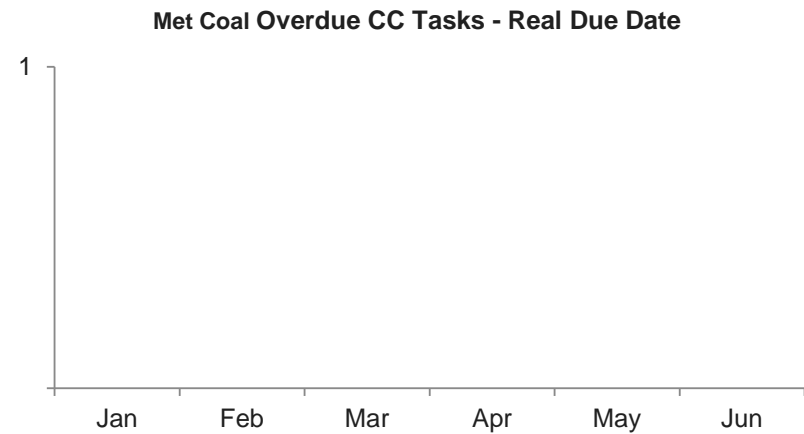
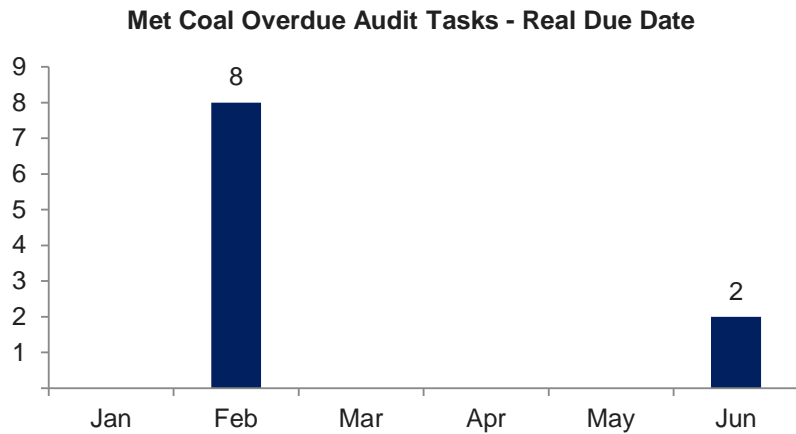
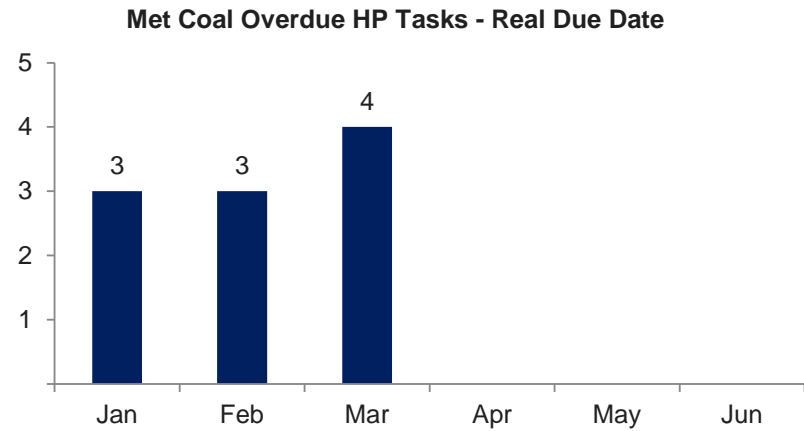
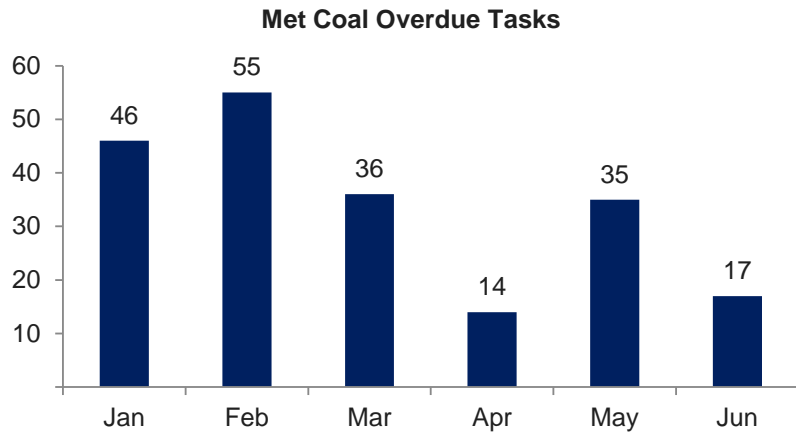
Met Coal OCIL Count
YTD Comparison



MET COAL VFL INTERACTION ANALYSIS



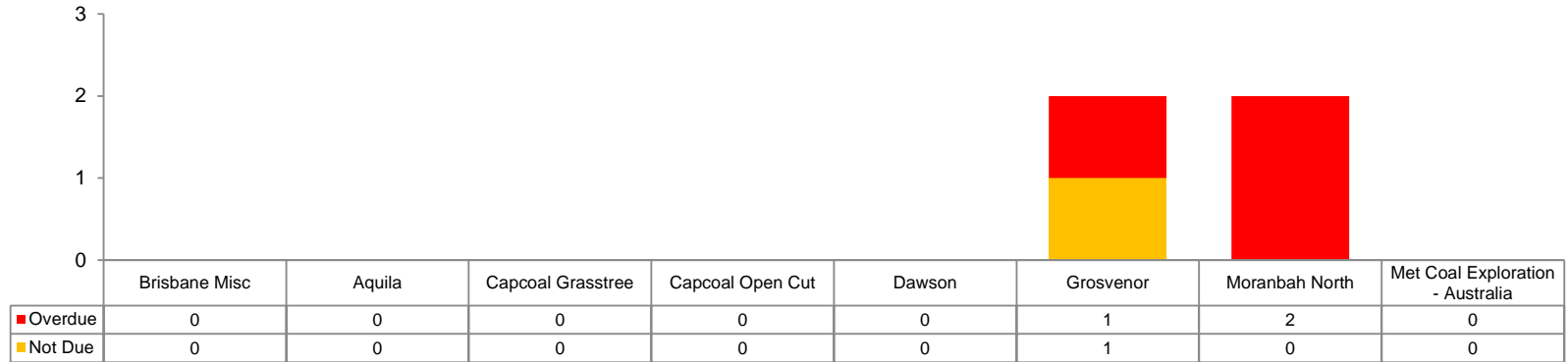
MET COAL OVERDUE TASKS



MET COAL INCIDENT INVESTIGATION / CLOSE OUT STATUS

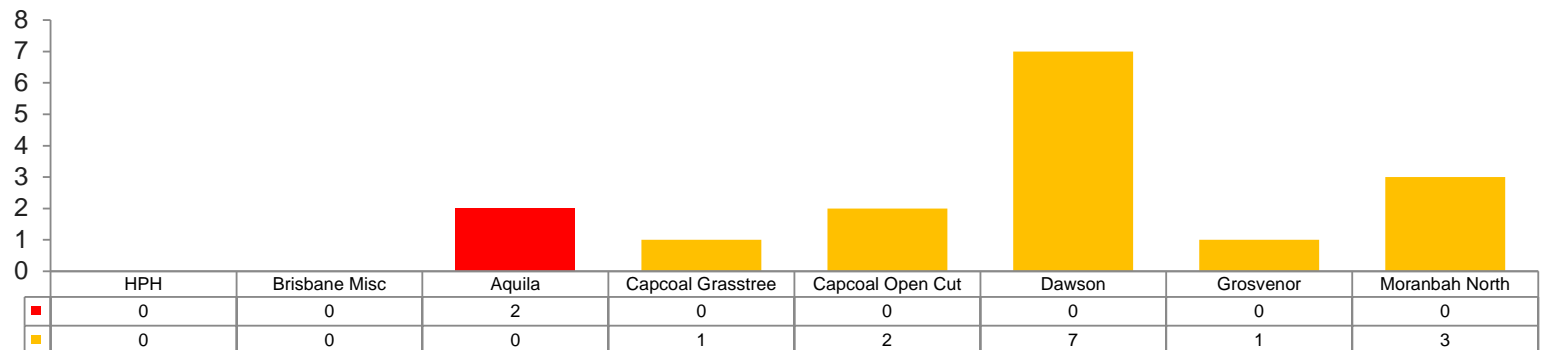
HPI Investigation Status

■ Not Due ■ Overdue



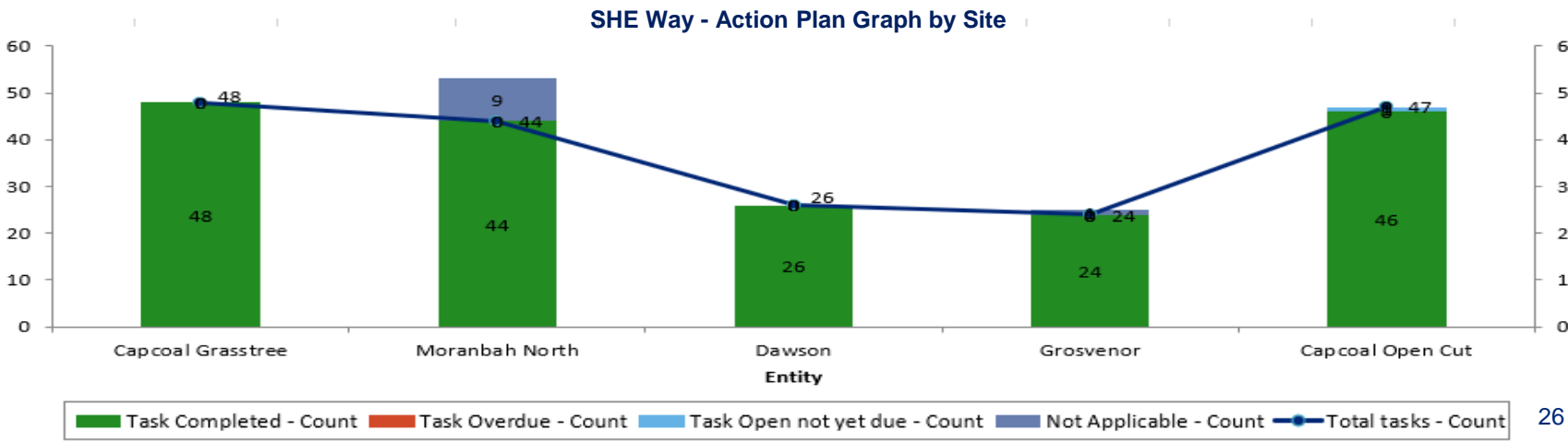
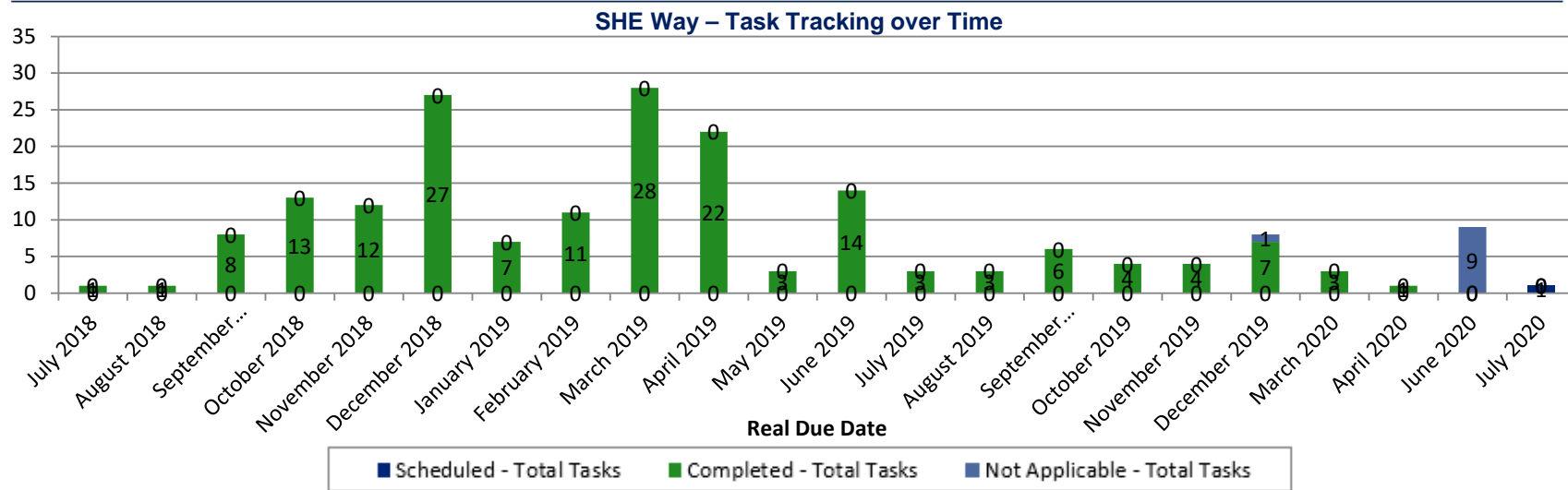
HPH Investigation Status

■ Not Due ■ Overdue



SHE WAY TASK PROGRESS

- If sites require guidance to close an action please contact Ian Hogg



EXPLORATION AUSTRALIA CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	No.Overdue	No. Affected	No. Not Affected
91	33	33	0	0	0

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control	Corrective / Immediate Actions
No deficient controls were identified in June 2020						

Fundamental Actions to address HPH (to be completed by site)	Due Date	Responsible Person

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

EXPLORATION AUSTRALIA AUDIT STATUS

Audit	Audit Completed	Audit Report Drafted for Site review	Audit Report reviewed by site and accepted	Audit Action Plan developed in Enablon	Action Plan Name	Audit Action Status
2017 Environment OCA Actions	Completed	Completed	Completed	AP.00616689	2017 Environment OCA Actions	76%
2017 CMO Audit	Completed	Completed	Completed	AP.00624674	2017 Coal Mine Operator Effectiveness (CMO) Audit	90%
2020 Legal Audit	Completed	Completed	Completed	AP.00765986	Legal Compliance Audit Corrective Actions	20%
2020 SHE Way Self Assessment	Not Completed	Not Completed	Not Completed			



AQUILA

S&H Monthly Report – June 2020



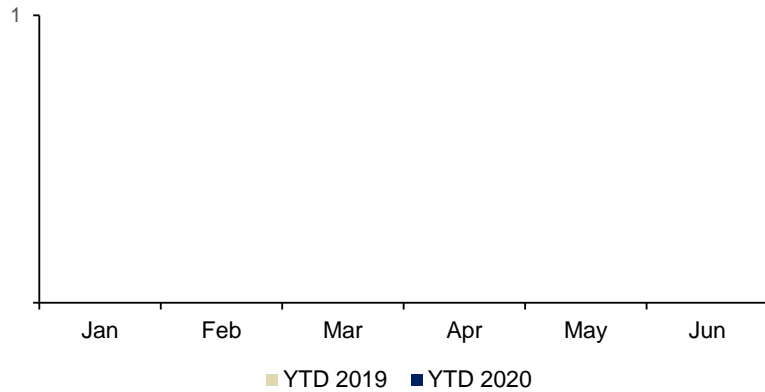
AQUILA

SAFETY OVERVIEW SUMMARY

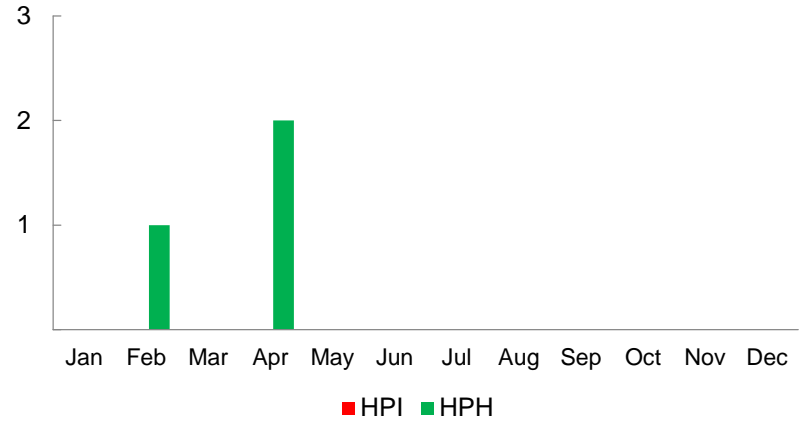
- Aquila TARP status is **Level 1** with **no HPIs** (YTD=0) and **2 TRCs** during June (YTD TRC=6, LTI=3).
- No HPHs were recorded in June, YTD=3.
- No Critical Control monitoring is currently in place.
- No overdue Tasks including High Priority, Audit or Critical Control tasks at month end.
- 2 outstanding HPH incident investigations at month end.
- SLT VFL June completion rate was above target at 123% (YTD 101%).
- No OCILs reported in June (YTD=0)
- TRCFR and LTIFR greater than underground average.

AQUILA HIGH POTENTIAL INCIDENTS

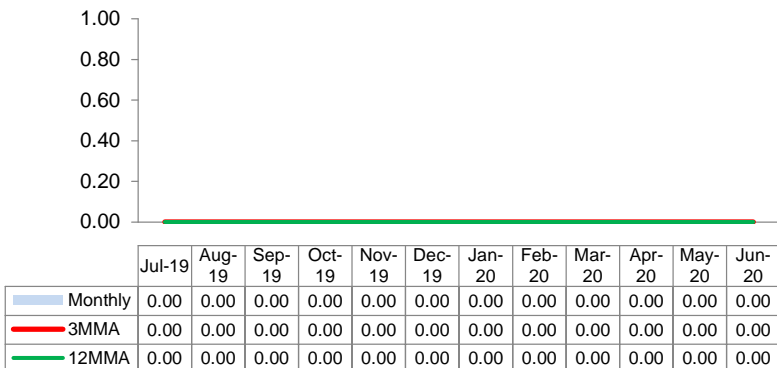
**Aquila HPI Count
YTD Comparison**



Aquila HPI / HPH Reporting

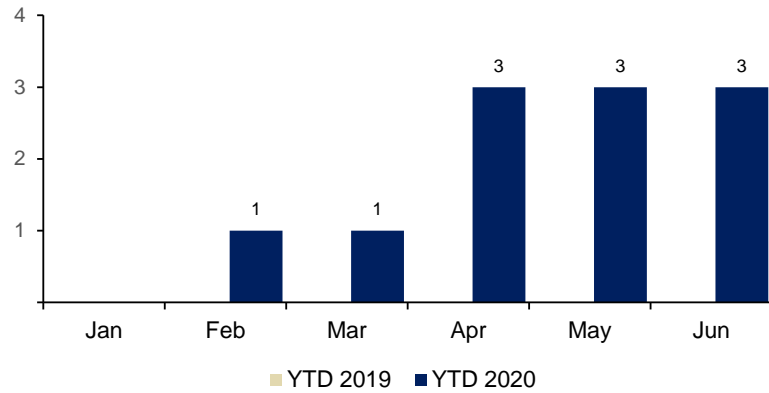


Aquila HPIFR 3MMA v 12MMA

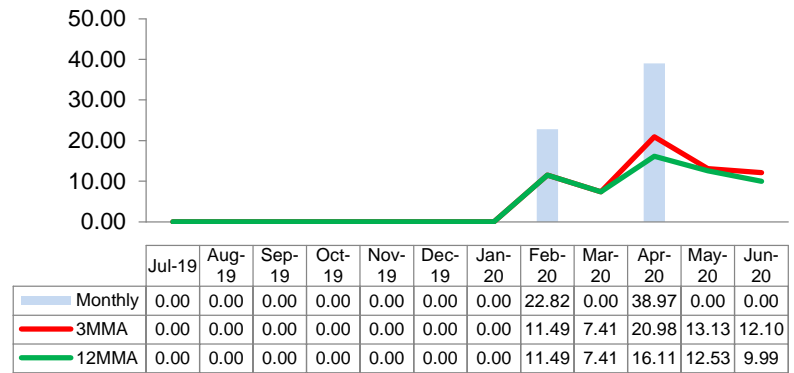


AQUILA HIGH POTENTIAL HAZARDS

**Aquila HPH Count
YTD Comparison**

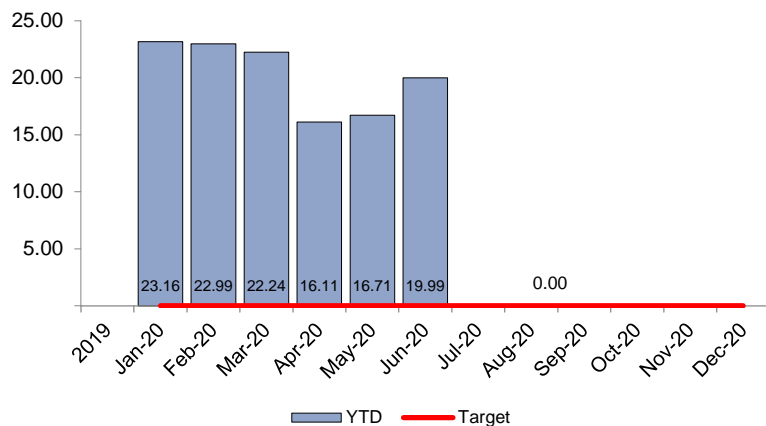


Aquila HPHFR 3MMA v 12MMA

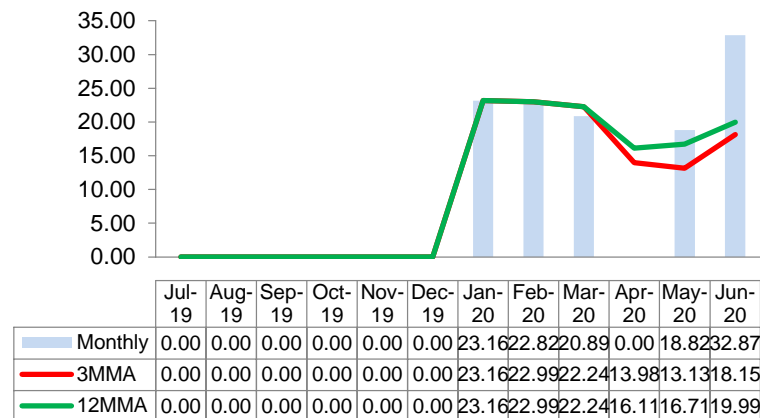


AQUILA TOTAL RECORDABLE CASES

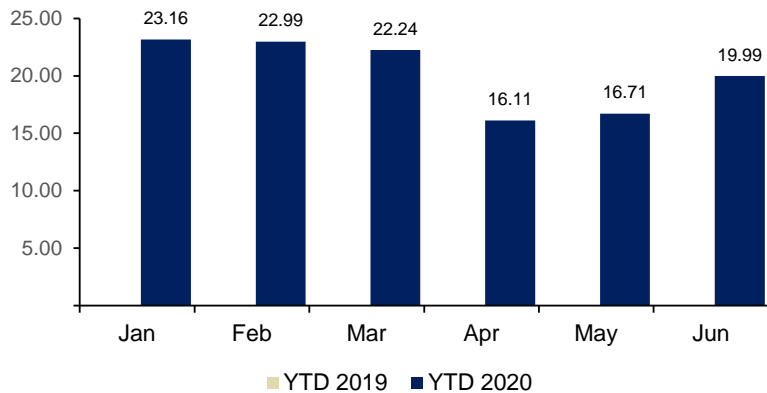
Aquila TRCFR YTD



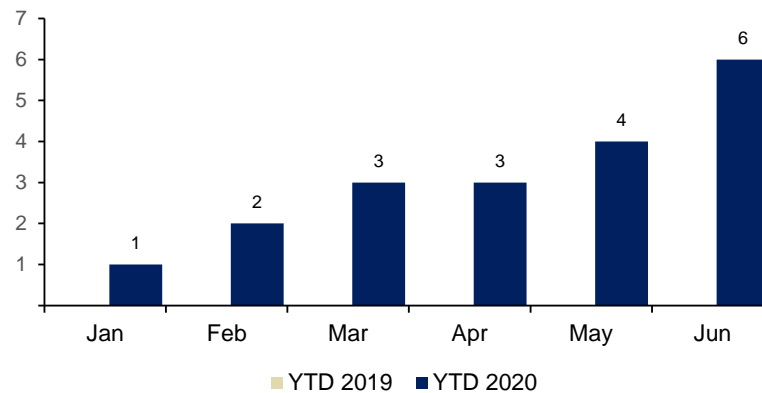
Aquila TRCFR 3MMA v 12MMA



**Aquila TRCFR
YTD Comparison**

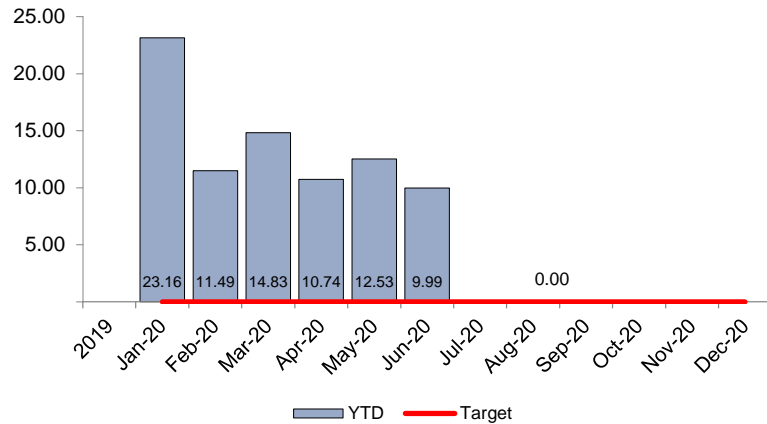


**Aquila TRC Count
YTD Comparison**

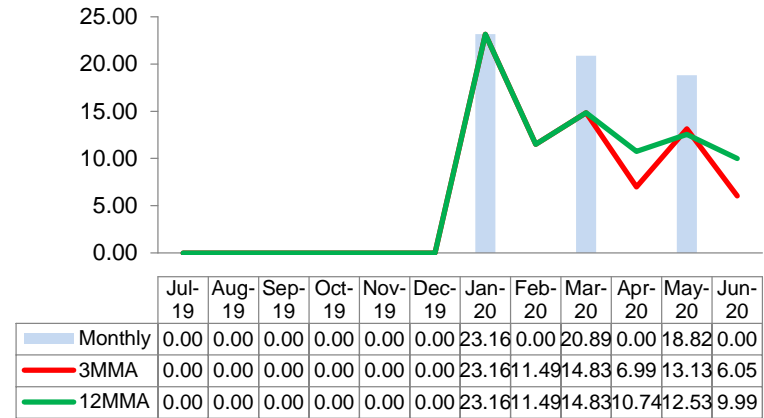


AQUILA LOST TIME INJURIES

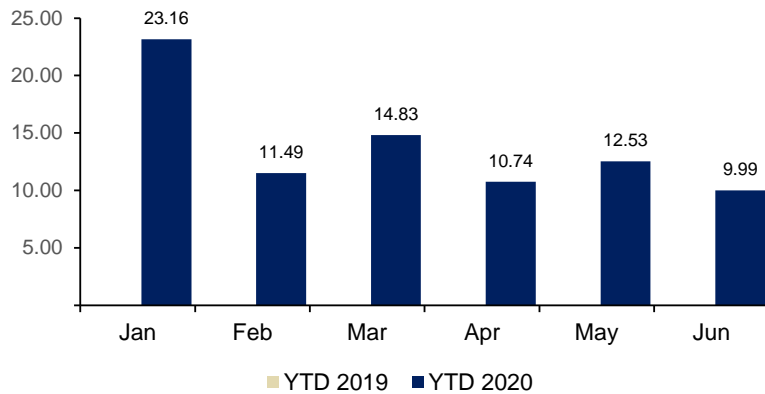
Aquila LTIFR YTD



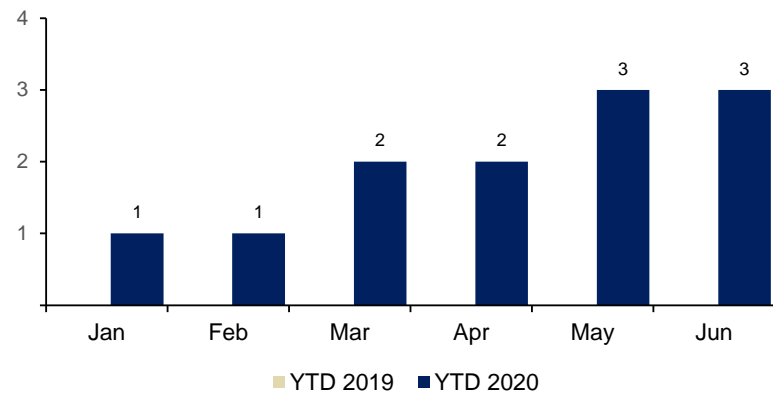
Aquila LTIFR 3MMA v 12MMA



**Aquila LTIFR
YTD Comparison**

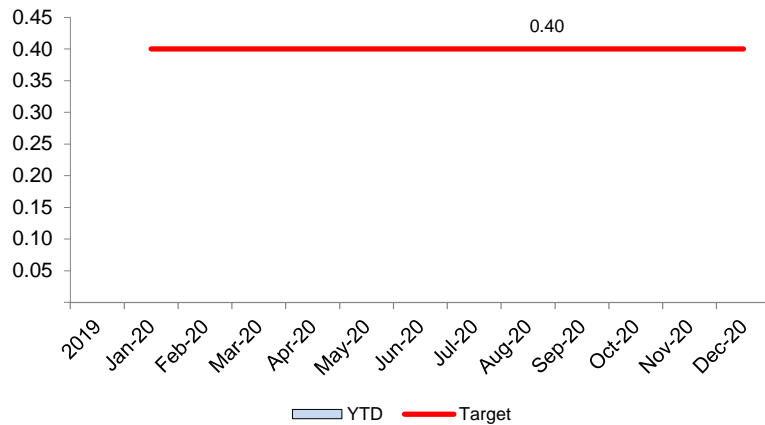


**Aquila LTI Count
YTD Comparison**

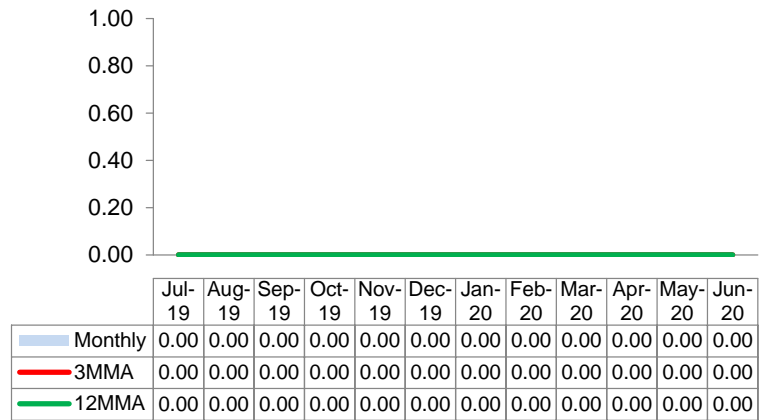


AQUILA OCCUPATIONAL ILLNESSES

Aquila OCILFR YTD



Aquila OCILFR 3MMA v 12MMA



**Aquila OCILFR
YTD Comparison**

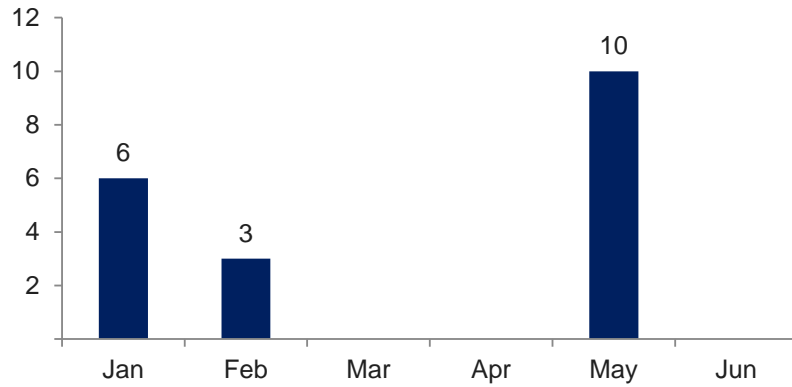


**Aquila OCIL Count
YTD Comparison**

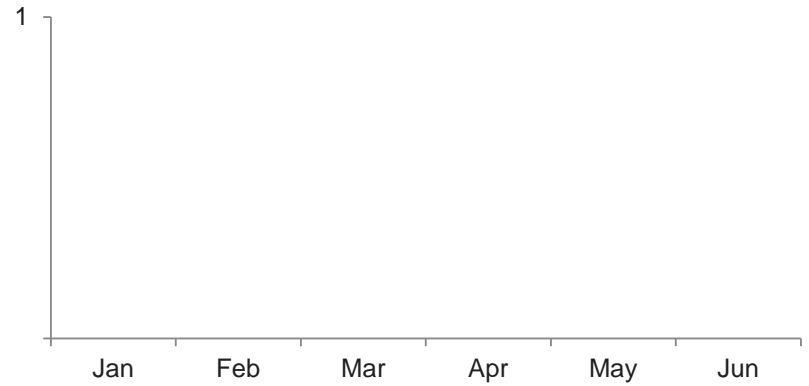


AQUILA OVERDUE TASKS

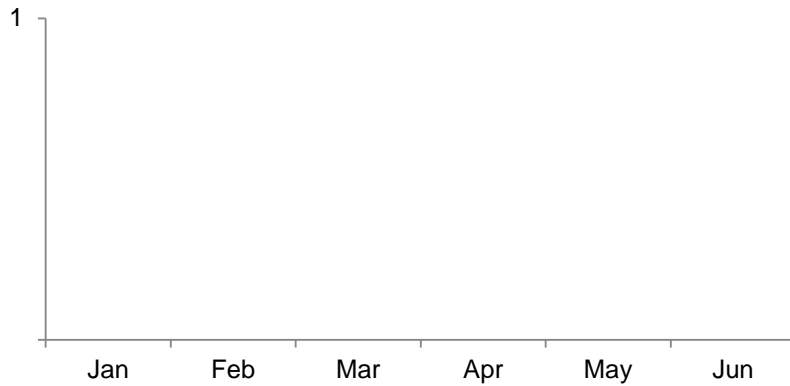
Aquila Overdue Tasks



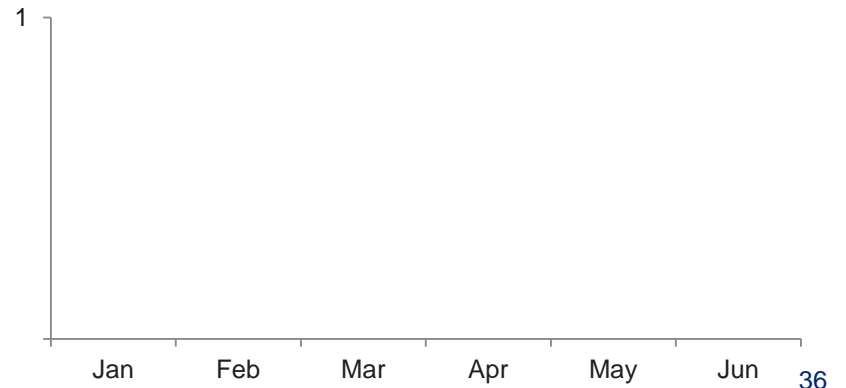
Aquila Overdue HP Tasks - Real Due Date



Aquila Overdue Audit Tasks - Real Due Date

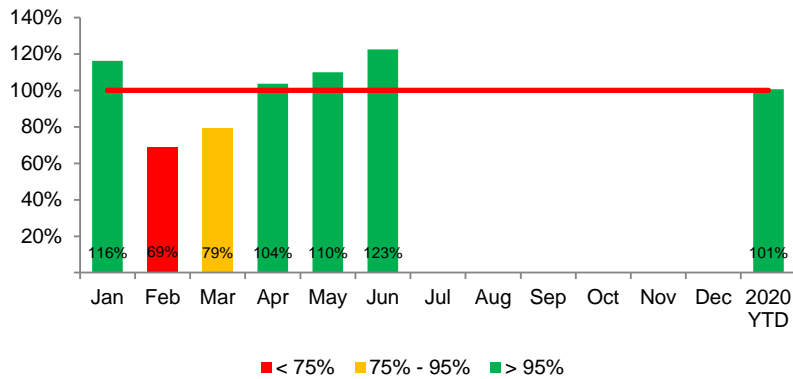


Aquila Overdue Tasks - Real Due Date

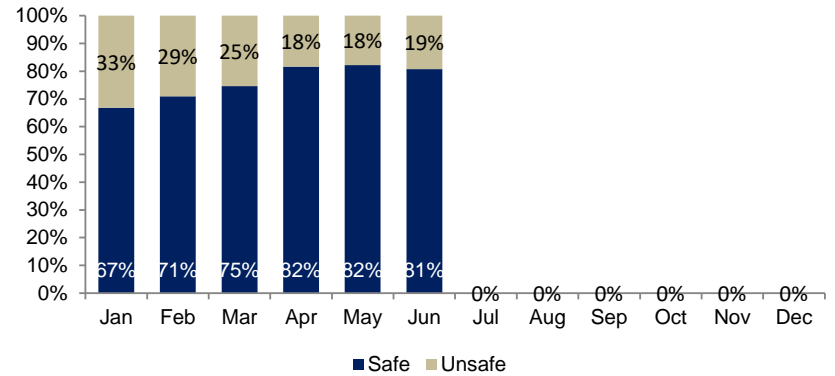


AQUILA VFL INTERACTION ANALYSIS

AquilaSLT VFL % Target



Aquila % Safe v Unsafe VFL Interactions



AQUILA AUDIT STATUS

Audit	Audit Completed	Audit Report Drafted for Site review	Audit Report reviewed by site and accepted	Audit Action Plan developed in Enablon	Action Plan Name	Audit Action Status
2020 OCA Audit	Completed	Completed	Completed	AP.00781572	2020 Environmental OCA Aquila	11%
2019 Legal Audit	Completed	Completed	Completed	AP.00766579	2019 Stat Compliance Audit Aquila SHMS - Corrective Actions	100%
2020 SHE Way Self Assessment	Not Completed	Not Completed	Not Completed			



CAPCOAL OPEN CUT

S&H Monthly Report – June 2020

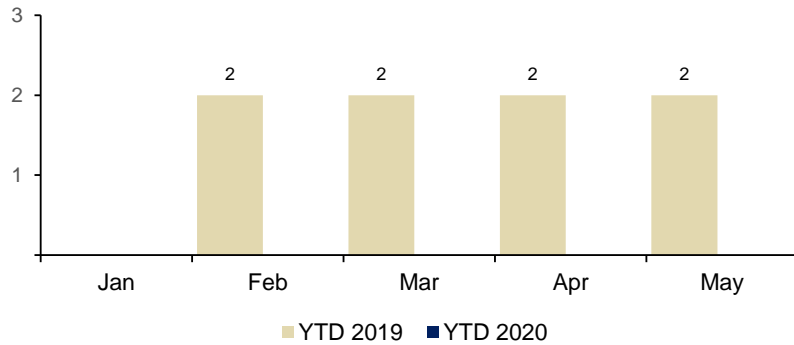


CAPCOAL OPEN CUT SAFETY OVERVIEW SUMMARY

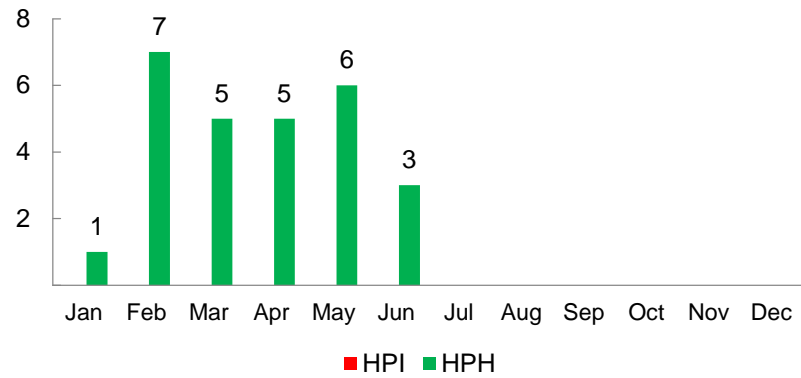
- Capcoal moved from Level 1 TARP status to **Normal** with **no HPIs** (YTD=0) and **no TRCs** during June (YTD TRC=2, LTI=0).
- 3xHPHs were recorded in June, YTD=27.
- 2xCritical Control deficiencies were identified in June, neither impacted the integrity of the controls, 5 were recorded as overdue.
- Nil overdue Tasks including High Priority, Audit or Critical Control tasks at month end.
- Nil outstanding incident investigations at month end.
- SLT VFL June completion rate was above target at 109% (YTD 116%).
- Nil OCILs reported in June (YTD=3).

CAPCOAL OPEN CUT HIGH POTENTIAL INCIDENTS

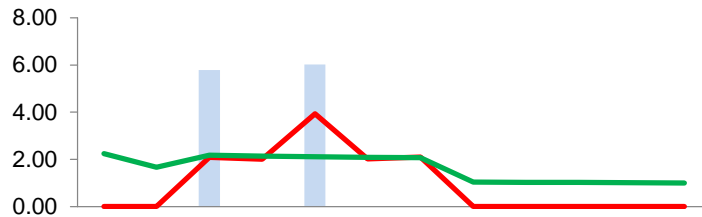
Capcoal Open Cut HPI Count YTD Comparison



Capcoal Open Cut HPI / HPH Reporting



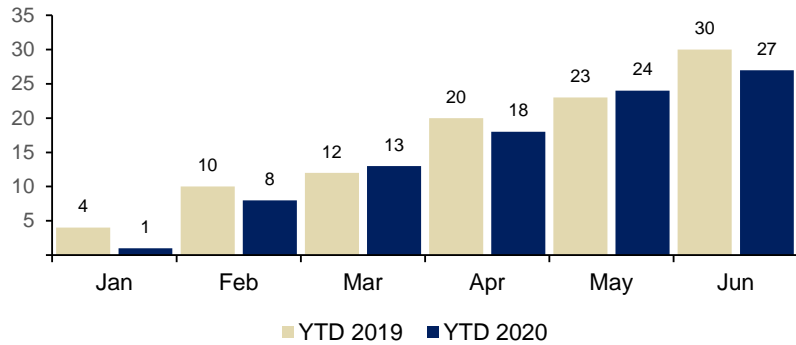
Capcoal Open Cut HPIFR 3MMA v 12MMA



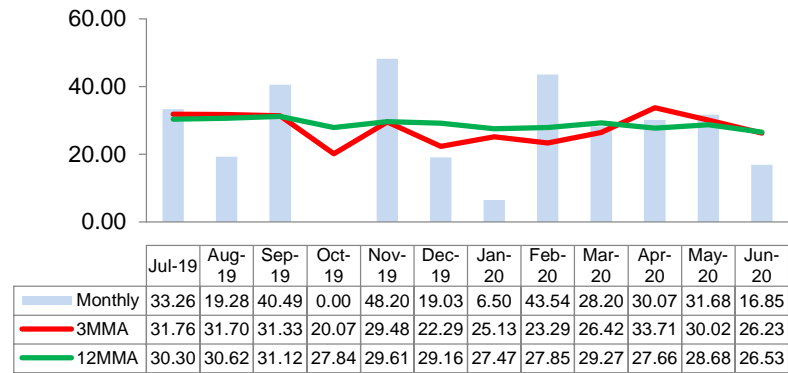
	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Monthly	0.00	0.00	5.78	0.00	6.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3MMA	0.00	0.00	2.09	2.01	3.93	2.03	2.09	0.00	0.00	0.00	0.00	0.00
12MMA	2.24	1.67	2.18	2.14	2.12	2.08	2.07	1.03	1.03	1.02	1.01	1.00

CAPCOAL OPEN CUT HIGH POTENTIAL HAZARDS

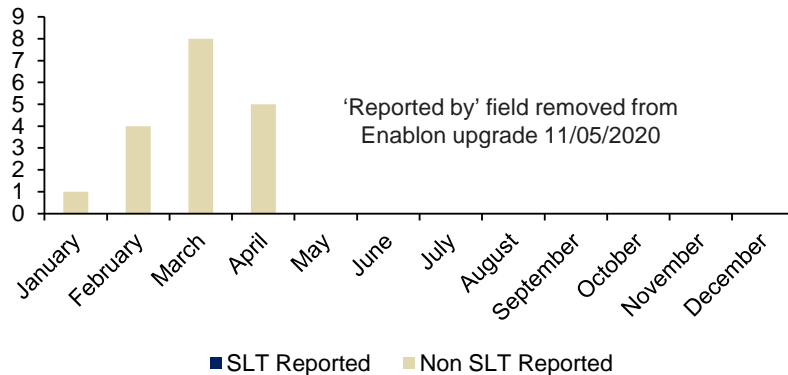
Capcoal Open Cut HPH Count
YTD Comparison



Capcoal Open Cut HPHFR 3MMA v 12MMA

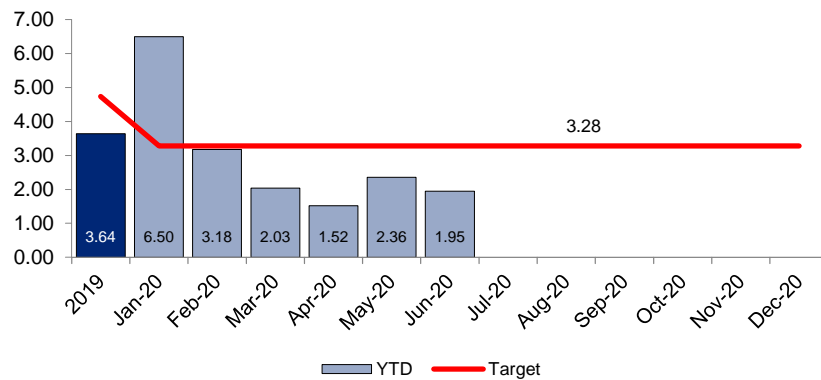


Capcoal Open Cut SLT Reported HPH's

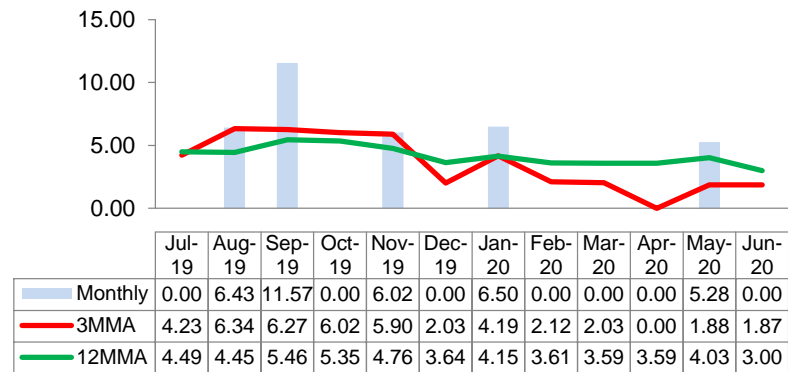


CAPCOAL OPEN CUT TOTAL RECORDABLE CASES

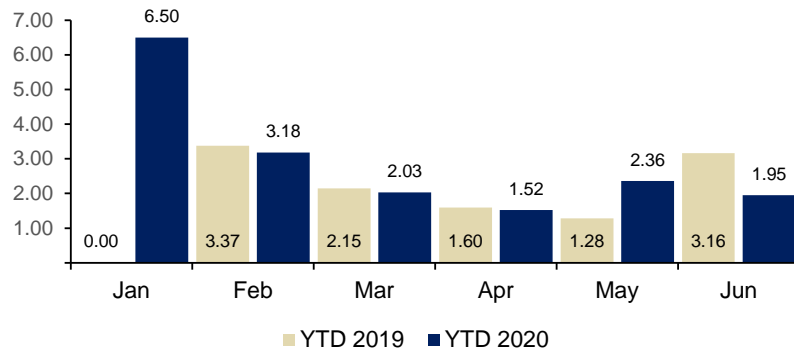
Capcoal Open Cut TRCFR YTD



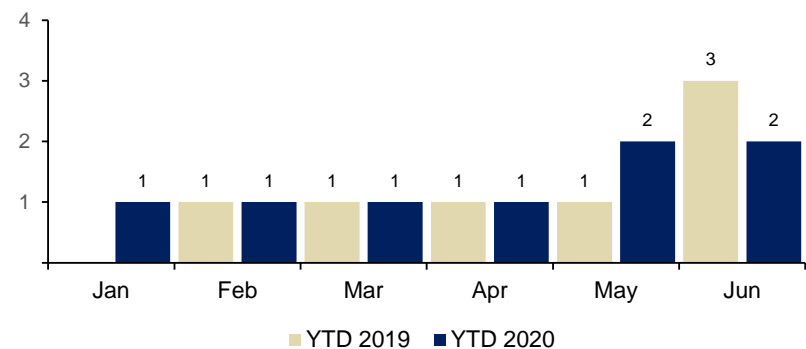
Capcoal Open Cut TRCFR 3MMA v 12MMA



Capcoal Open Cut TRCFR
YTD Comparison

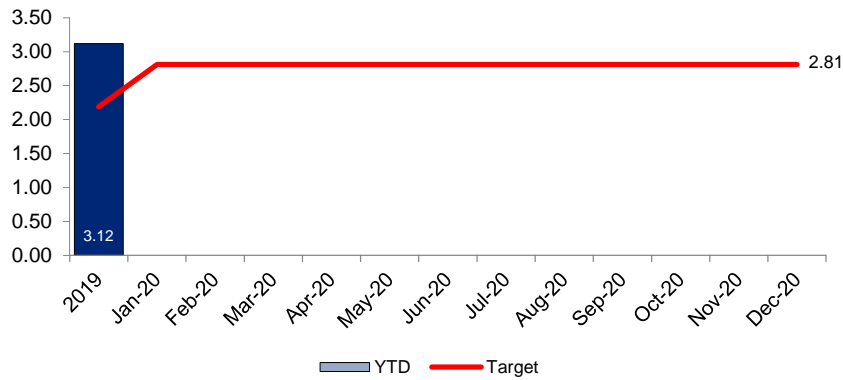


Capcoal Open Cut TRC Count
YTD Comparison

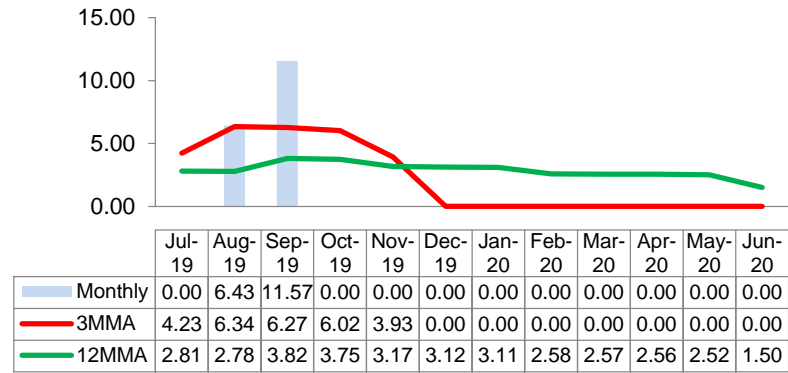


CAPCOAL OPEN CUT LOST TIME INJURIES

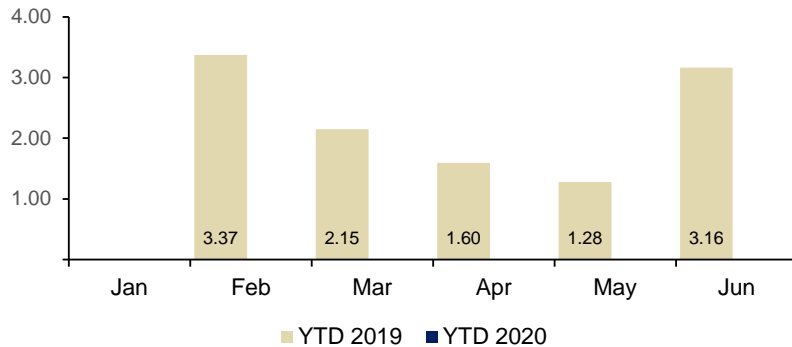
Capcoal Open Cut LTIFR YTD



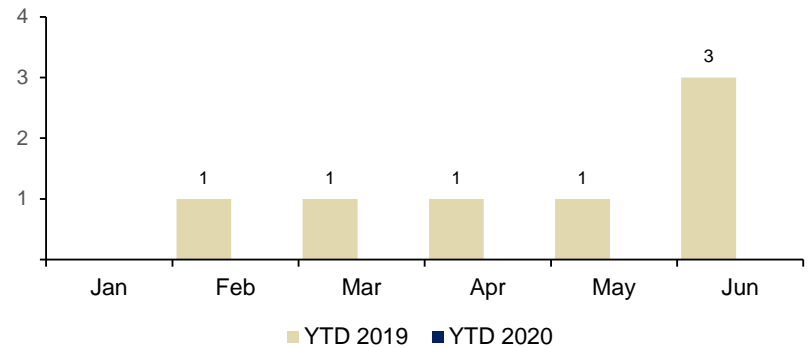
Capcoal Open Cut LTIFR 3MMA v 12MMA



Capcoal Open Cut LTIFR YTD Comparison

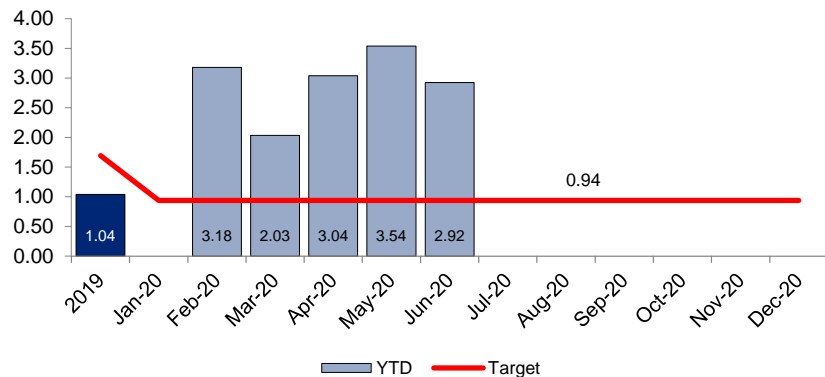


Capcoal Open Cut LTI Count YTD Comparison

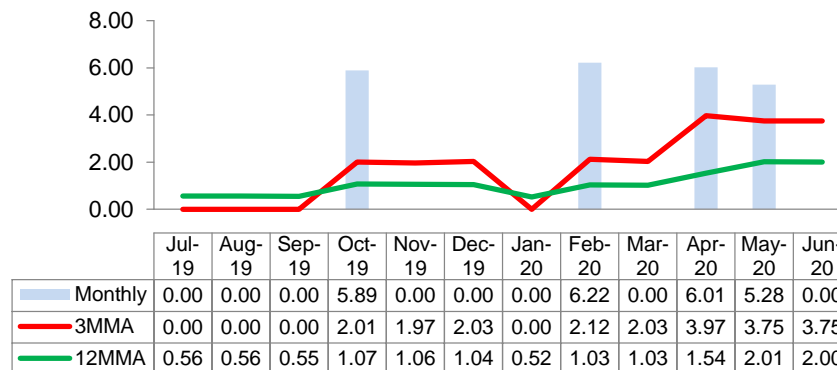


CAPCOAL OPEN CUT OCCUPATIONAL ILLNESSES

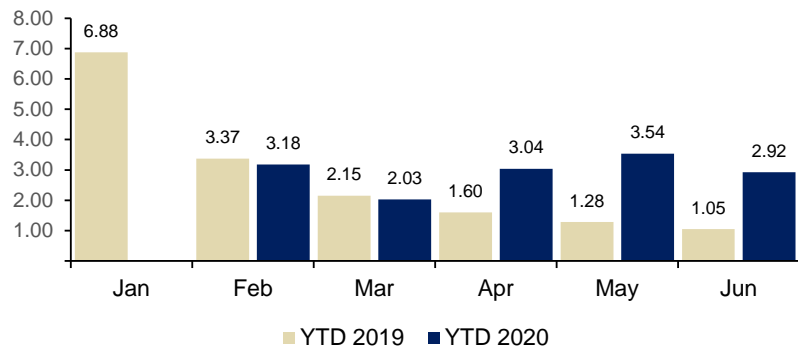
Capcoal Open Cut OCILFR YTD



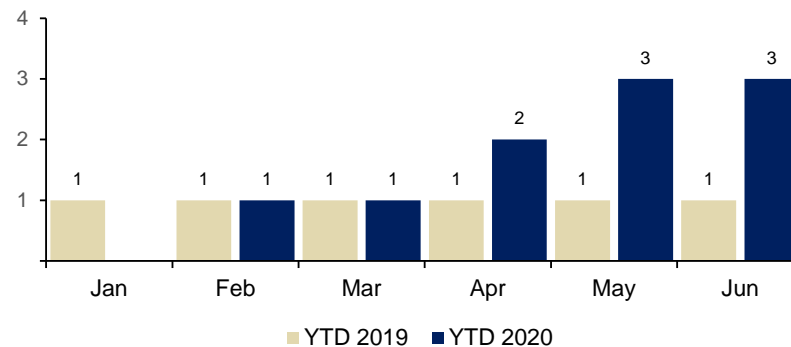
Capcoal Open Cut OCIL 3MMA v 12MMA FR



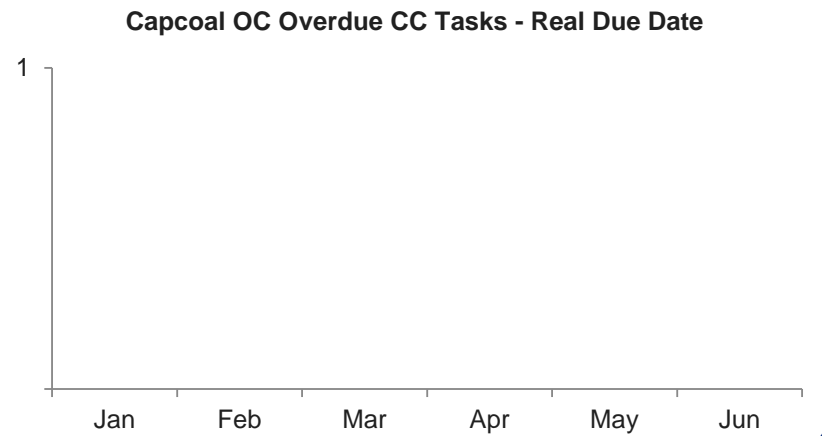
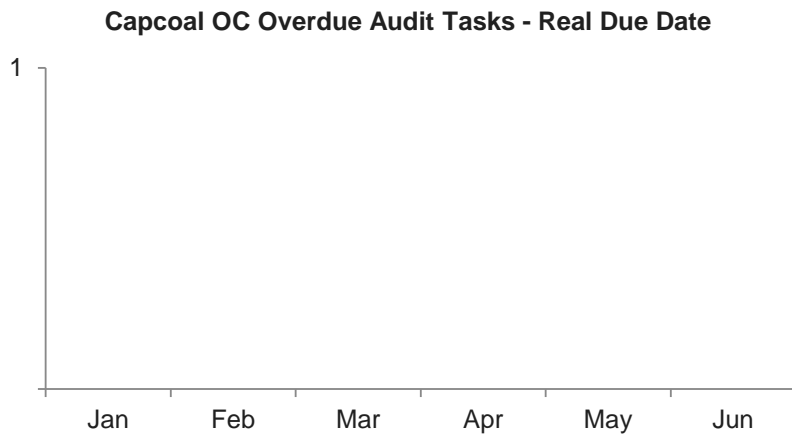
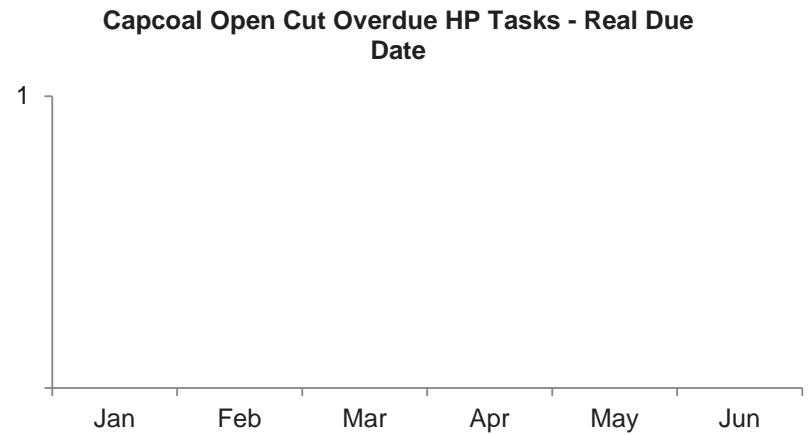
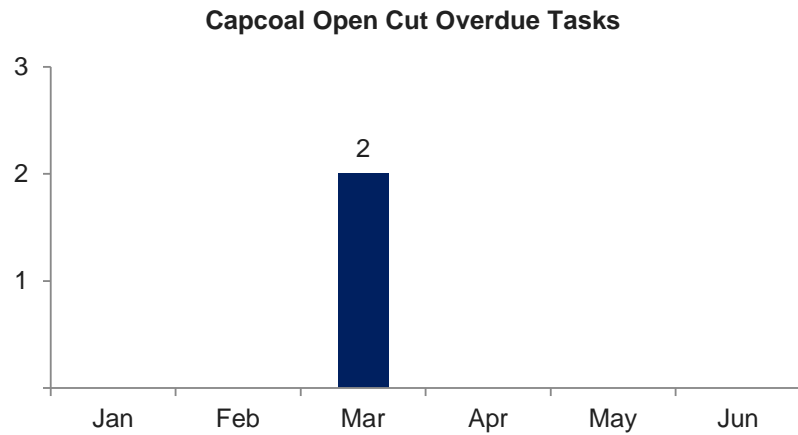
Capcoal Open Cut OCILFR YTD Comparison



Capcoal Open Cut OCIL Count YTD Comparison

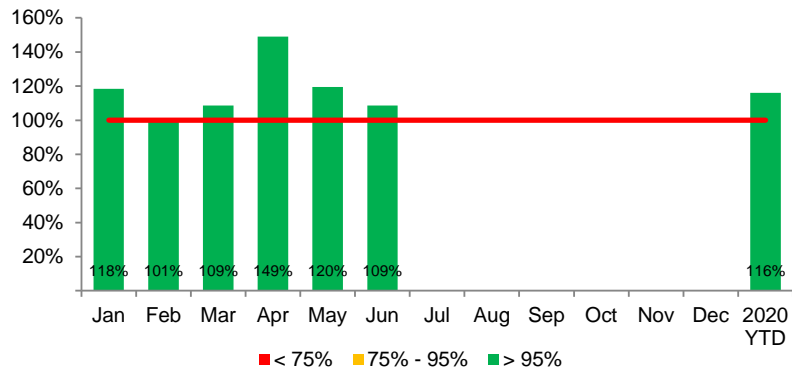


CAPCOAL OPEN CUT OVERDUE TASKS

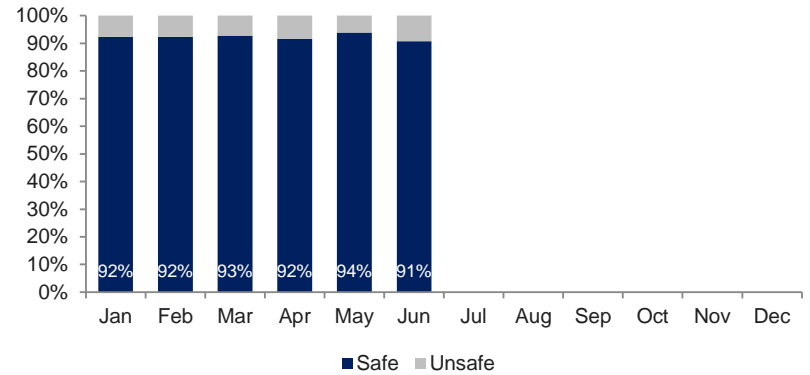


CAPCOAL OPEN CUT VFL INTERACTION ANALYSIS

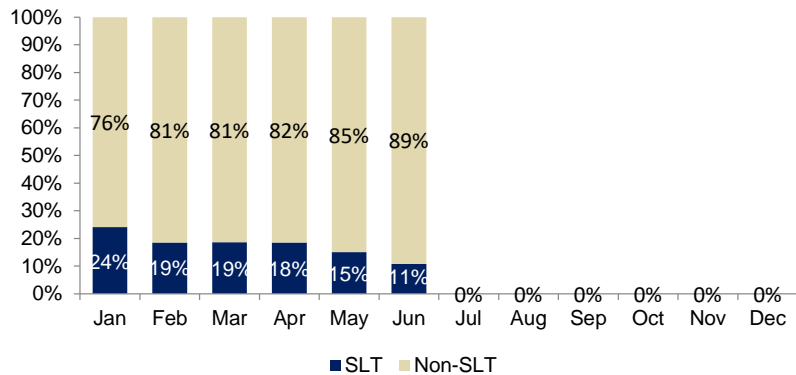
Capcoal Open Cut SLT VFL % Target



Capcoal Open Cut % Safe v Unsafe VFL Interactions



Capcoal Open Cut %SLT v Non-SLT VFL Interactions



CAPCOAL O/C CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	No.Overdue	No. Affected	No. Not Affected
54	37	32	5	0	2

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control*	HPH ID	Corrective / Immediate Action
BW.00015802 - Trapped in Burning Machinery	CT.00024931	Fighting Equipment, Fire Detection, Fire Suppression and Alarm systems	Jacobson Clay - 984328_Mc	Recent flow test for selected hydrants across site have failed. Sicada have been instructed to work out why.	No	N/A	Arrange sicada to investigate sudden failure in fire pumps across site
	CT.00024933	Emergency response capability for managing fire		All gear is present and functional on the equipment. We do have an issue with FT805 however the German Creek fire truck is still functional. Work order to fix PTO is in SAP	No	N/A	Follow up with Haynes to ensure PTO is fixed in timely manner

Fundamental Actions to address HPH (to be completed by site)	Due Date	Responsible Person

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

CAPCOAL OPEN CUT AUDIT STATUS

Audit	Audit Completed	Audit Report Drafted for Site review	Audit Report reviewed by site and accepted	Audit Action Plan developed in Enablon	Action Plan Name	Audit Action Status
2018 SHE Way Gap Analysis	Gap Analysis completed	Not Applicable	Not Applicable	AP.00690768	Capcoal OC SHE Way Gap Analysis Action Plan	98%
2020 ENV OCA	Completed	Completed	Completed	AP.00781411	2020 Environmental OCA Capcoal	34%
2019 Legal Audit	Completed	Completed	Completed	AP.00766118	2019 Legal Compliance Audit	100%
2020 SHE Way Self Assessment	Not Completed	Not Completed	Not Completed			



DAWSON

S&H Monthly Report – June 2020



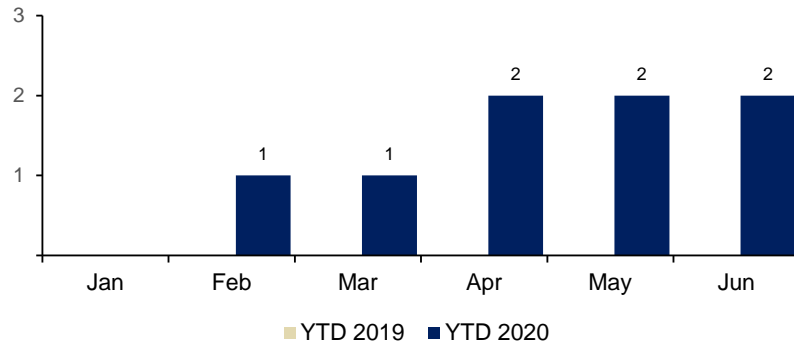
DAWSON

SAFETY OVERVIEW SUMMARY

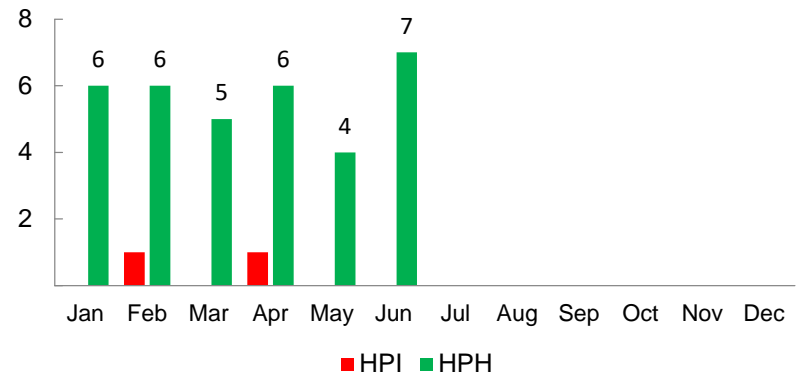
- Dawson TARP status moved from Level 2 to **Level 1** with **no HPis** (YTD=2) and **1 TRC** (YTD TRC=8, LTI=6) reported in June, *(1 HPI remains within 3 months)*.
- 7xHPHs were reported in June (YTD=34).
- 2xCritical Control deficiencies were identified in June, neither impacted the integrity of the controls.
- Nil overdue tasks including High Priority, Audit or Critical Control tasks at month end.
- Nil overdue incident investigations at month end.
- SLT VFL June completion rate was above target at 151% (YTD 122%).
- Nil OCILs reported in June (YTD=1).

DAWSON HIGH POTENTIAL INCIDENTS

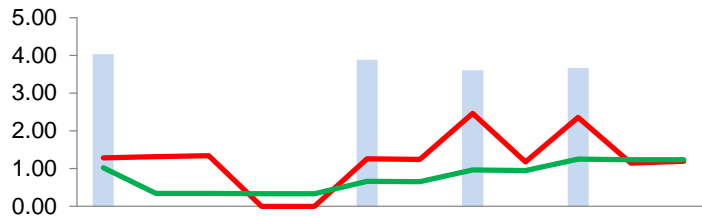
**Dawson HPI Count
YTD Comparison**



Dawson HPI / HPH Reporting



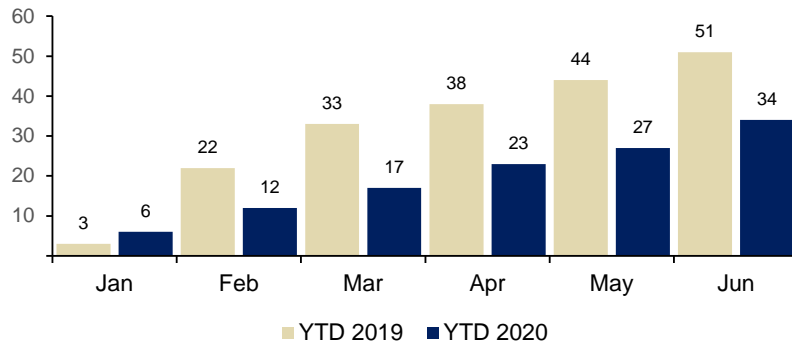
Dawson HPIFR 3MMA v 12MMA



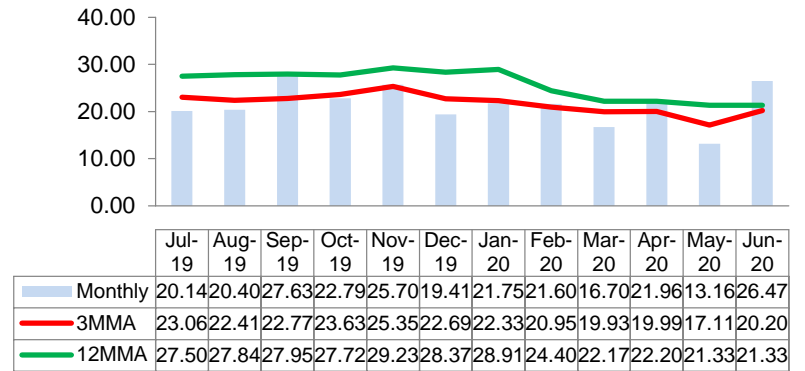
	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Monthly	4.03	0.00	0.00	0.00	0.00	3.88	0.00	3.60	0.00	3.66	0.00	0.00
3MMA	1.28	1.32	1.34	0.00	0.00	1.26	1.24	2.47	1.17	2.35	1.14	1.19
12MMA	1.02	0.34	0.34	0.33	0.33	0.66	0.65	0.96	0.95	1.25	1.24	1.24

DAWSON HIGH POTENTIAL HAZARDS

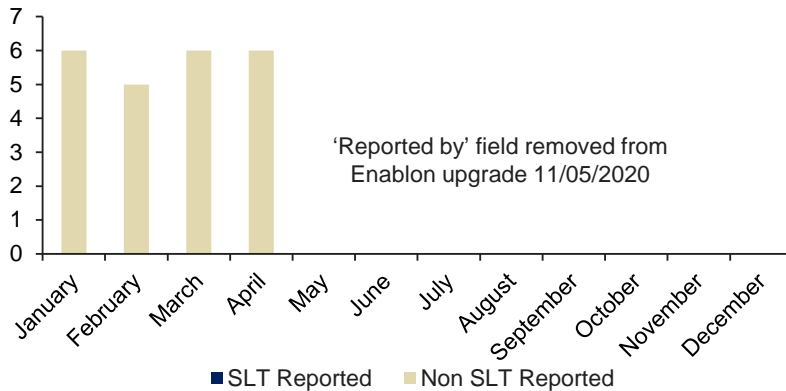
Dawson HPH Count
YTD Comparison



Dawson HPHFR 3MMA v 12MMA

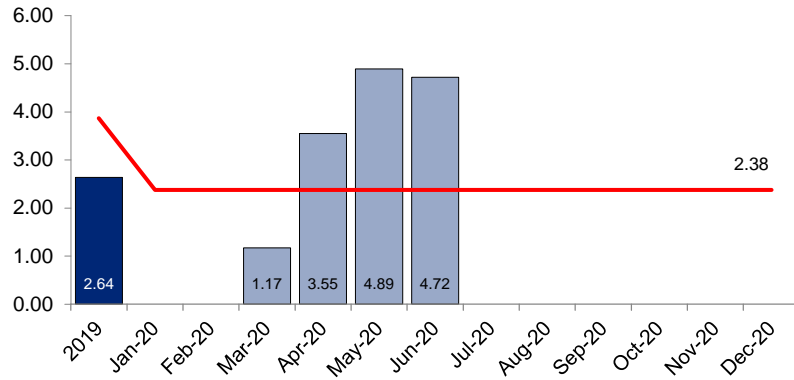


Dawson SLT Reported HPH's

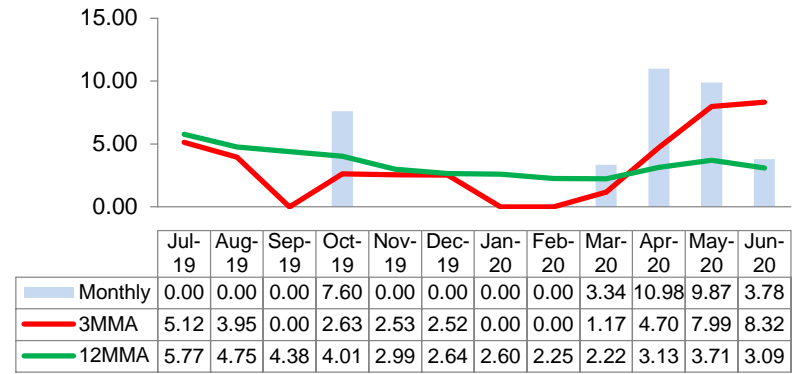


DAWSON TOTAL RECORDABLE CASES

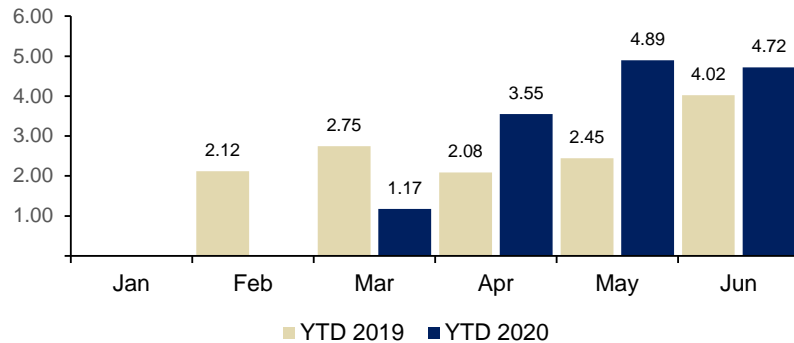
Dawson TRCFR YTD



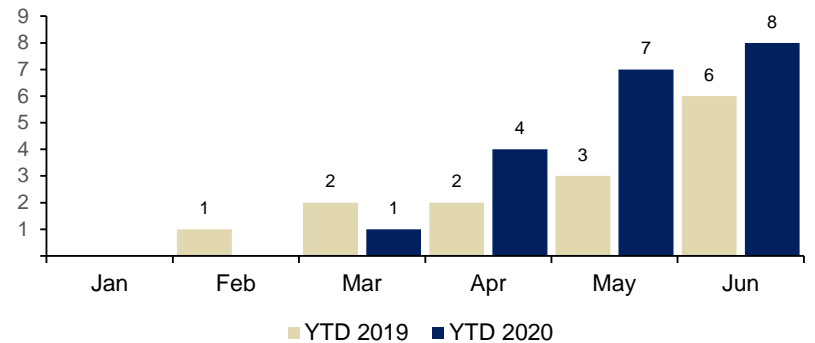
Dawson TRCFR 3MMA v 12MMA



Dawson TRCFR YTD Comparison

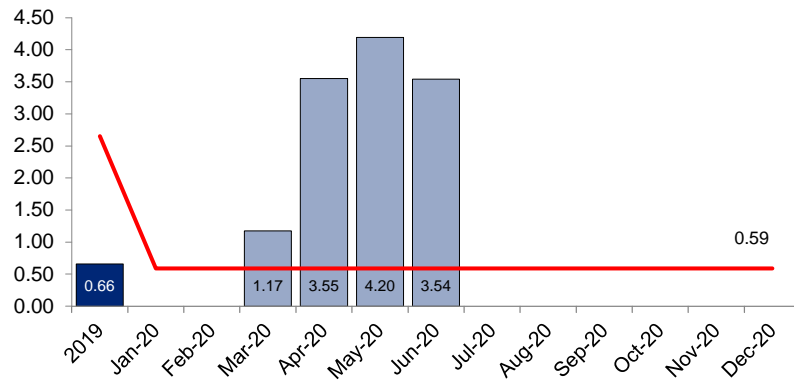


Dawson TRC Count YTD Comparison

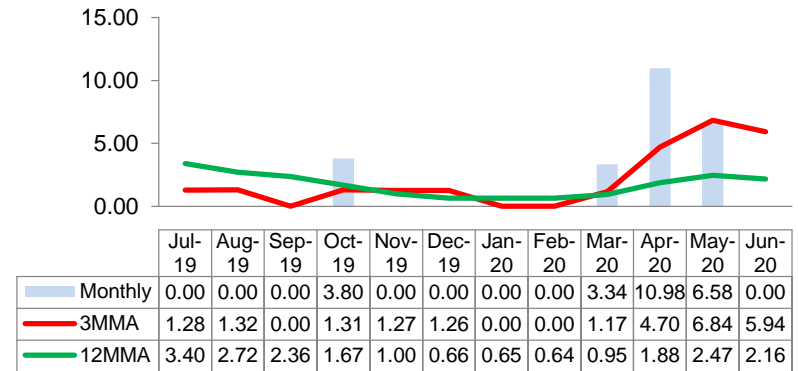


DAWSON LOST TIME INJURIES

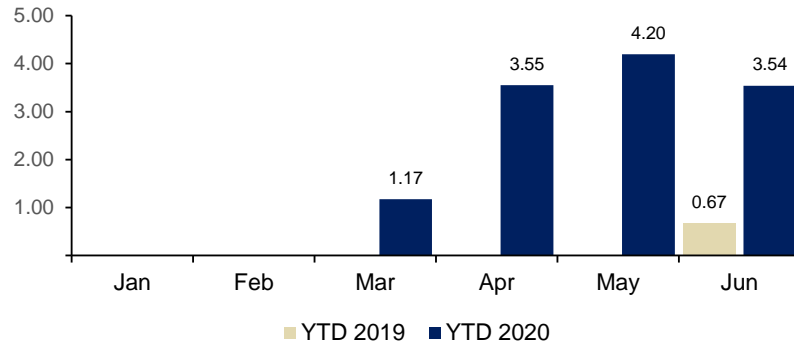
Dawson LTIFR YTD



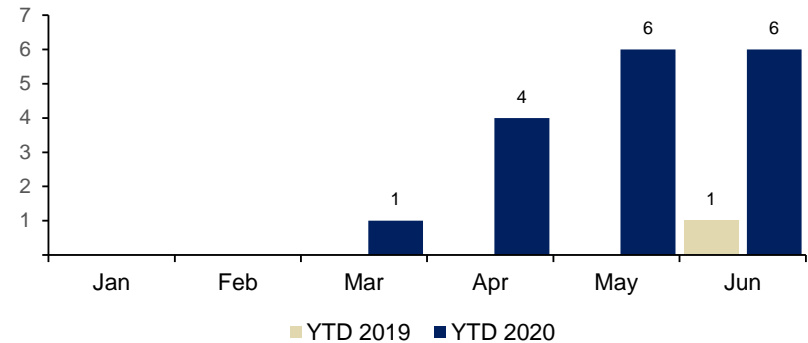
Dawson LTI 3MMA v 12MMA FR



Dawson LTIFR
YTD Comparison

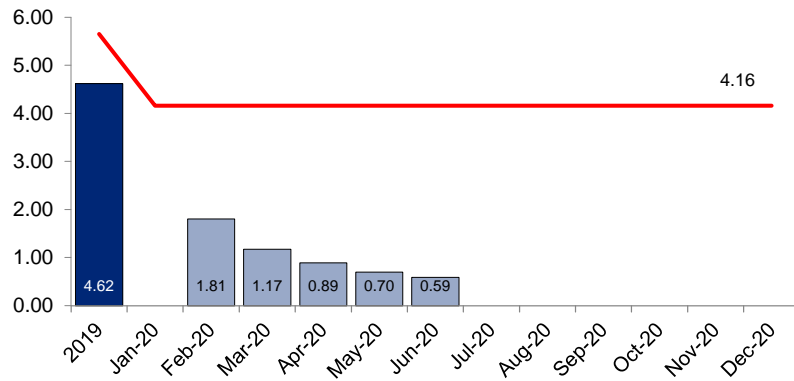


Dawson LTI Count
YTD Comparison

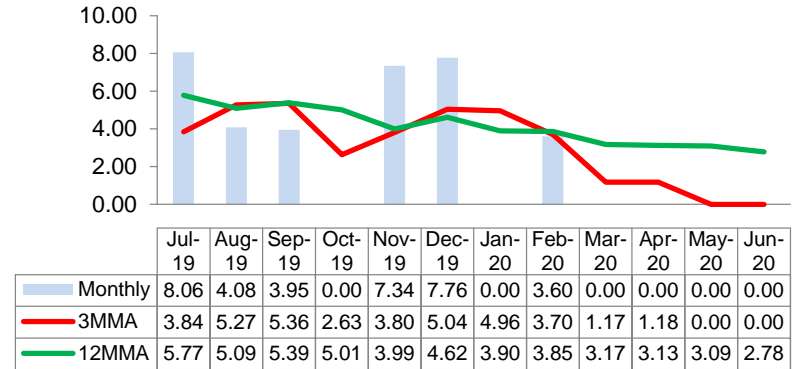


DAWSON OCCUPATIONAL ILLNESS

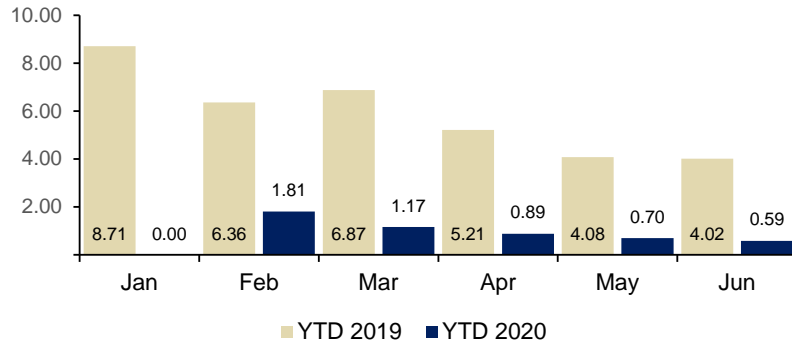
Dawson OCILFR YTD



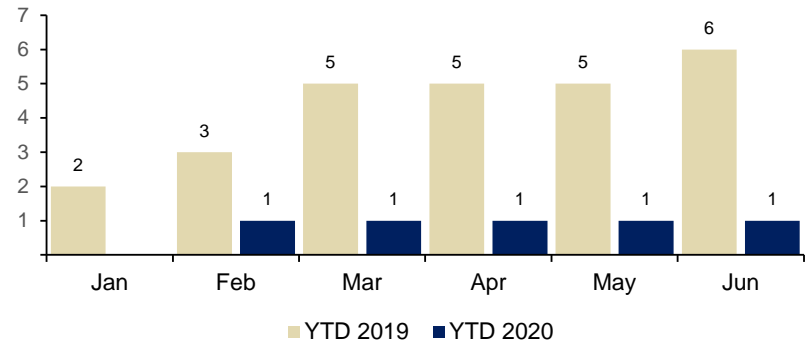
Dawson OCILFR 3MMA v 12MMA



Dawson OCILFR YTD Comparison

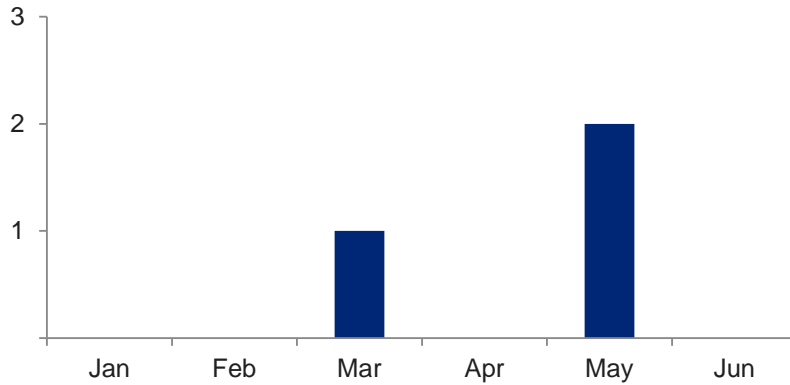


Dawson OCIL Count YTD Comparison

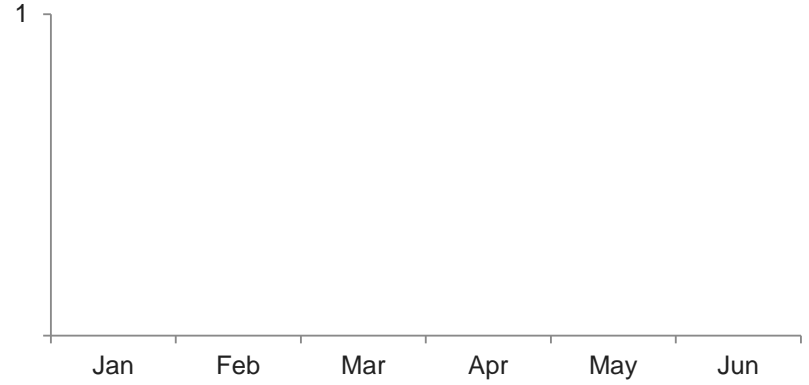


DAWSON OVERDUE TASKS

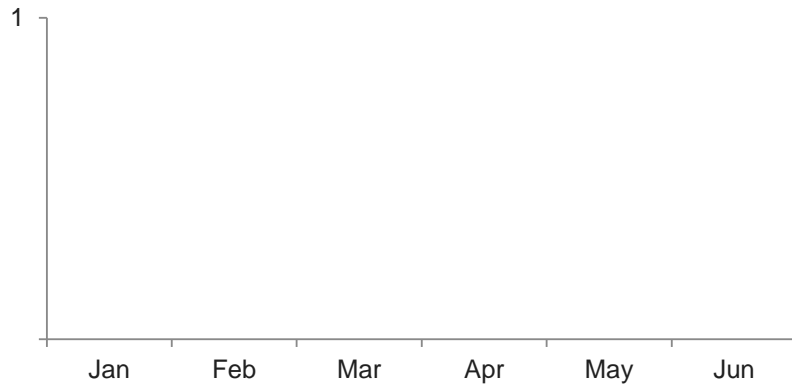
Dawson Overdue Tasks



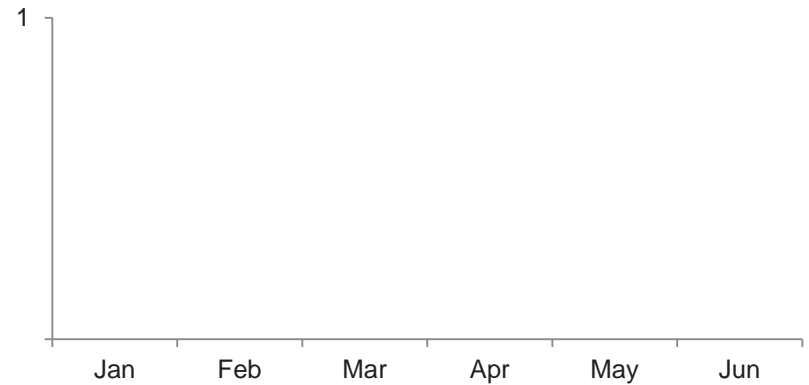
Dawson Overdue HP Tasks - Real Due Date



Dawson Overdue Audit Tasks - Real Due Date

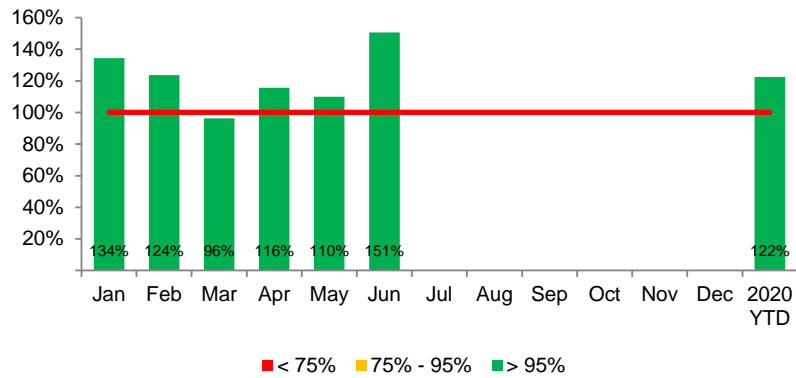


Dawson Overdue CC Tasks - Real Due Date

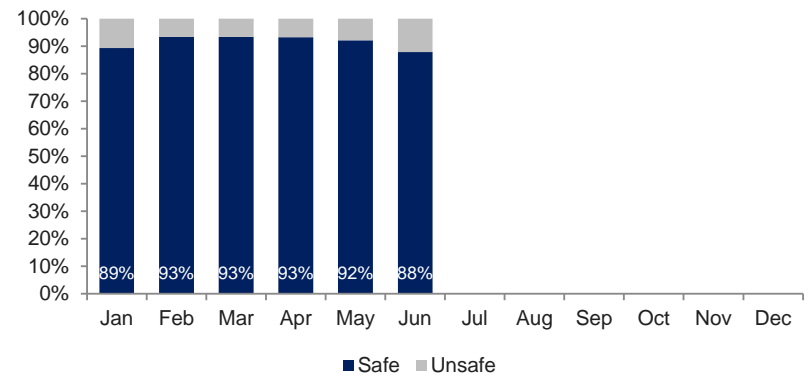


DAWSON VFL ANALYSIS

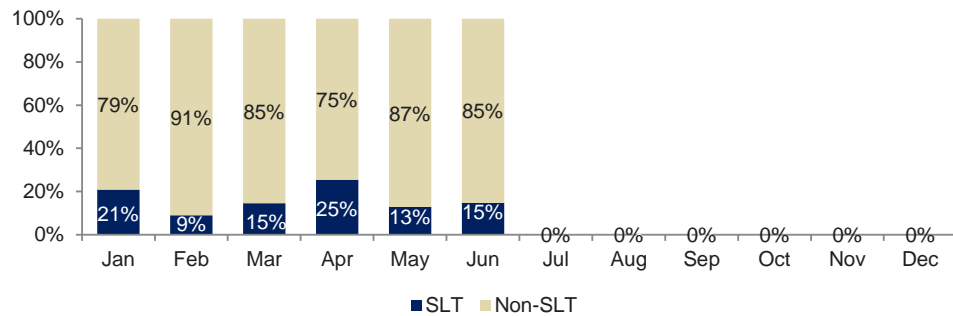
Dawson SLT VFL % Target



Dawson % Safe v Unsafe VFL Interactions



Dawson %SLT v Non-SLT VFL Interactions



DAWSON CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	No.Overdue	No. Affected	No. Not Affected
109	59	59	0	0	2

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control*	HPH ID	Corrective / Immediate Action
BW.00005830 - Injury from interaction with fixed plant, eg moving / rotating equipment, conveyors, pumps, pinch points, overhead cranes etc	CT.00012616	Prevention of people contacting moving parts by exclusion zones and guarding	Wilkie Luke - 6082047_Mc	As per previous comment (CV303 and CV304 scraper guards U/S)	No	N/A	Repair guards at head of CV303 and CV307 as per notifications
				Identified that the guards around the scrapers on CV303 and CV304 head have rusted exposing a pinch point. Notifications raised and maintenance supervisor informed. Area made safe with barricading. NOTI 11673630 and 11673632.			
BW.00005800 - Equipment / operational (hot work related) fire resulting in injury, (including from tyre fire)	CT.00012304	Gas cylinders fit for purpose- flash back arrestors and deflector plates	Clarke Adrian - 17077_Mc	Inspected ancillary. one oxy acetylene set did not have flash back arrestors on the handpiece. Arrestors present on both bottles	No	N/A	Install flash back arrestors on handpiece and oxy & Acetylene bottles

Fundamental Actions to address HPH's (to be completed by site)	Due Date	Responsible Person

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

DAWSON AUDIT STATUS

Audit	Audit Completed	Audit Report Drafted for Site review	Audit Report reviewed by site and accepted	Audit Action Plan developed in Enablon	Action Plan Name	Audit Action Status
2020 Legal Audit	Completed	Completed	Completed	AP.00776046	Dawson Mine Legal Compliance Action Plan	18%
Legal Audits	Completed	Completed	Completed	AP.00090008	Dawson Mine Legal Compliance Action Plan	100%
2019 Legal Audit	Completed	Completed	Completed	AP.00765572	Legal Compliance Audit 2019 Actions	100%
2020 SHE Way Self Assessment	Not Completed	Not Completed	Not Completed			



GRASSTREE

S&H Monthly Report – June 2020

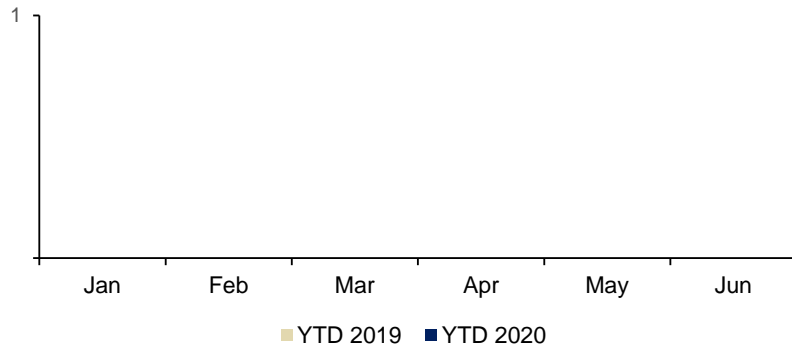


GRASSTREE SAFETY OVERVIEW SUMMARY

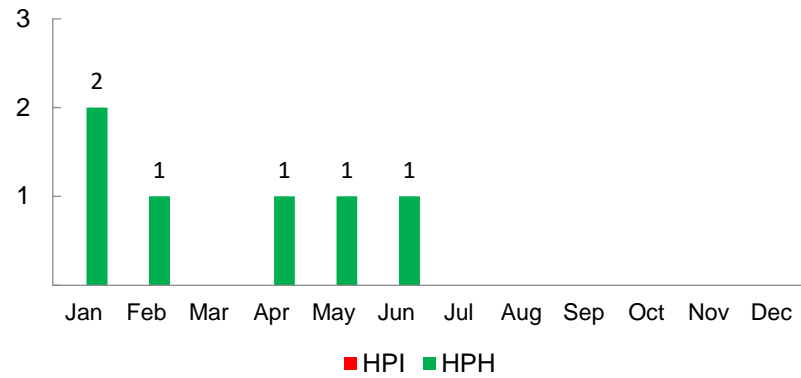
- Grasstree's TARP status moved from Level 1 Status to **Normal** with **no HPIs** (YTD=0) and **no TRCs** reported during June (YTD TRC=6, LTI=2).
- Grasstree remains HPI free > 17 months.
- 3xCritical Control deficiencies which did not impact the integrity of the control were identified during June.
- 1xHPH was reported in June (YTD=6).
- Nil OCILs were recorded in June (YTD=2).
- Nil overdue tasks including High Priority, Audit or Critical Control tasks at month end.
- Nil incident investigations outstanding at month end.
- SLT VFL June completion rate was above target at 111% (YTD 110%).

GRASSTREE HIGH POTENTIAL INCIDENTS

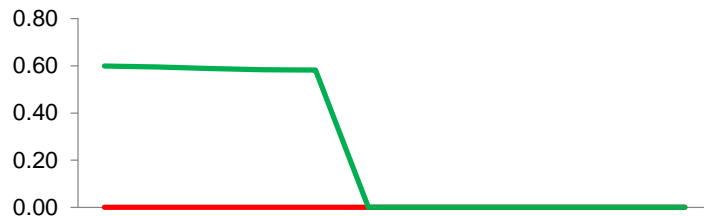
**Grasstree HPI Count
YTD Comparison**



Grasstree HPI v HPH Reporting



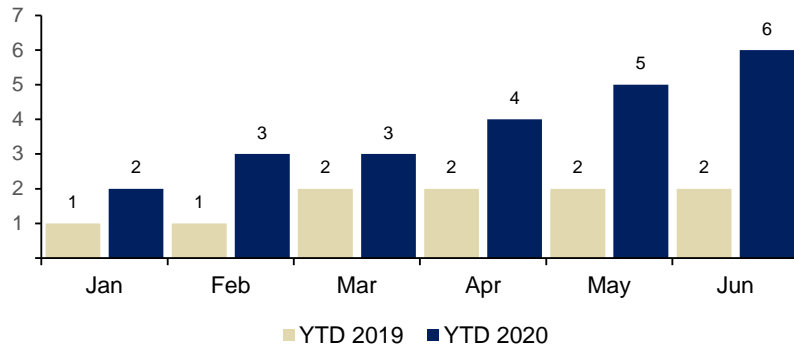
Grasstree HPIFR 3MMA v 12MMA



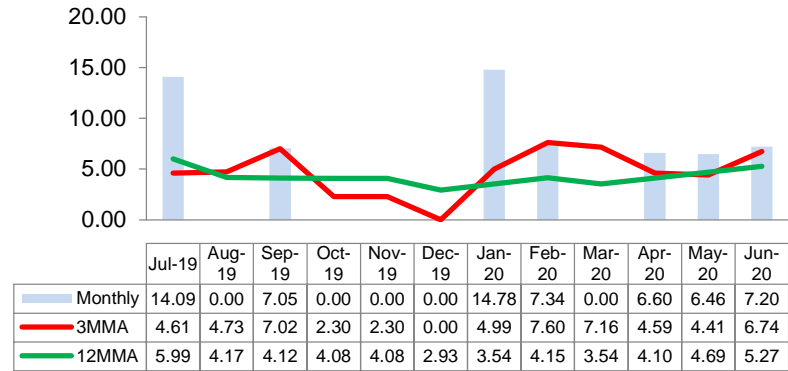
	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Monthly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3MMA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12MMA	0.60	0.60	0.59	0.58	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GRASSTREE HIGH POTENTIAL HAZARDS

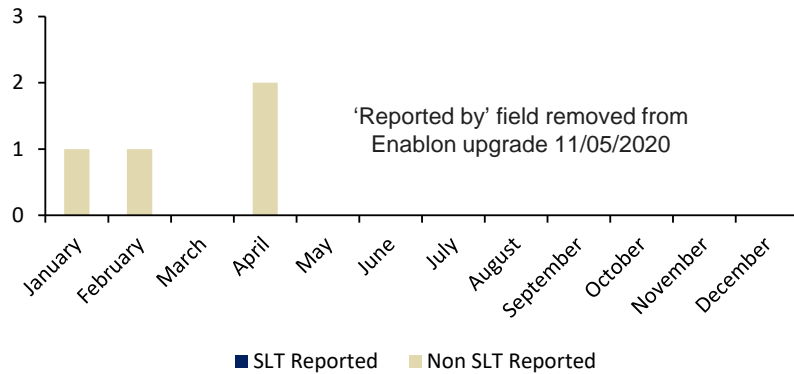
**Grasstree HPH Count
YTD Comparison**



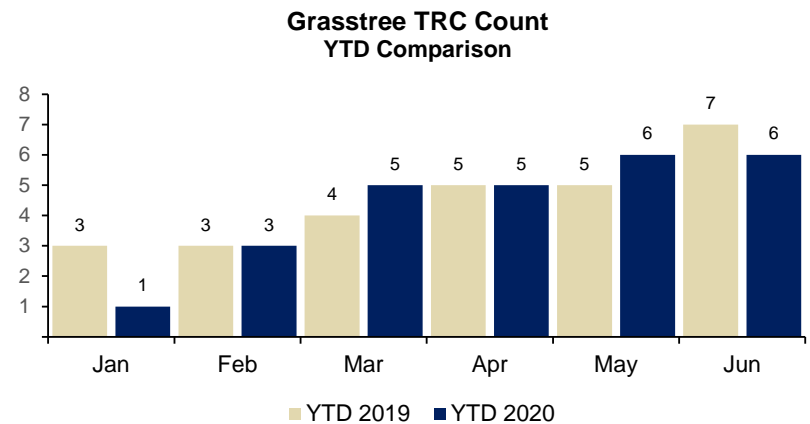
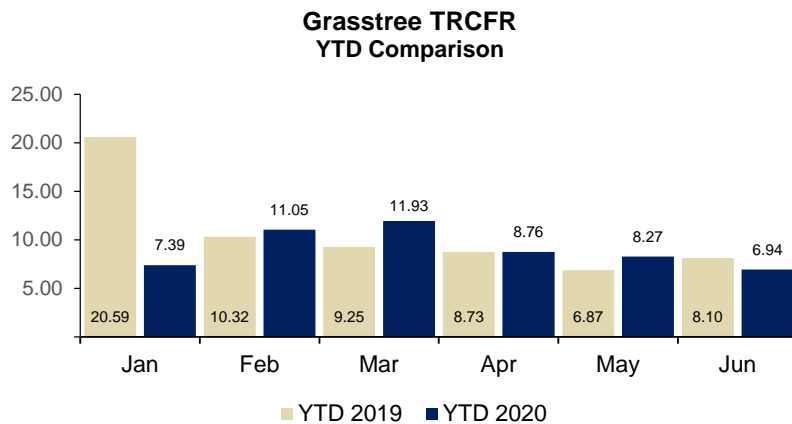
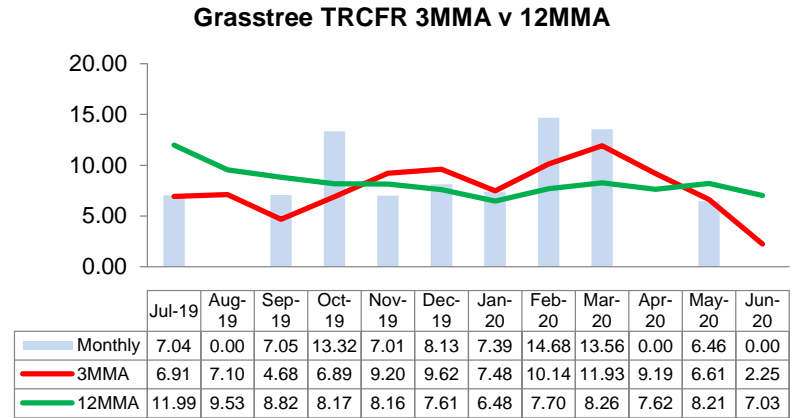
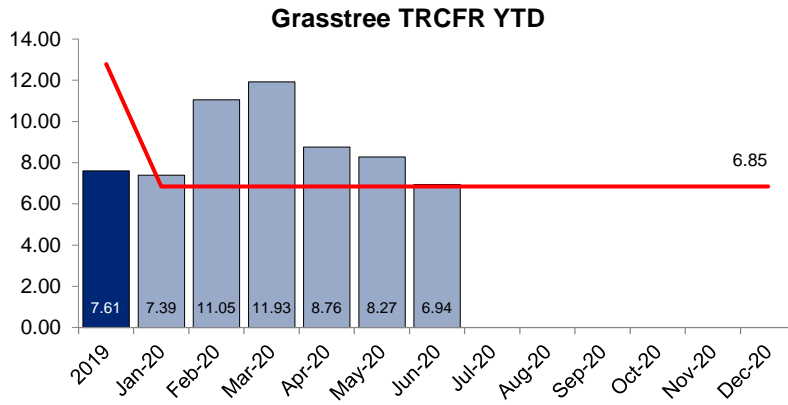
Grasstree HPHFR 3MMA v 12MMA



Grasstree SLT Reported HPH's

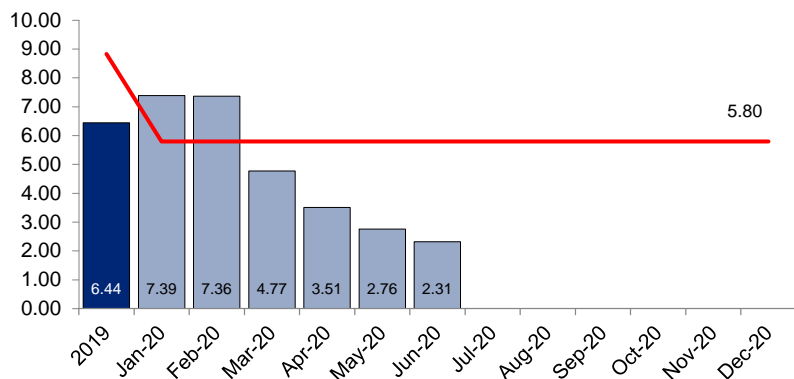


GRASSTREE TOTAL RECORDABLE CASES

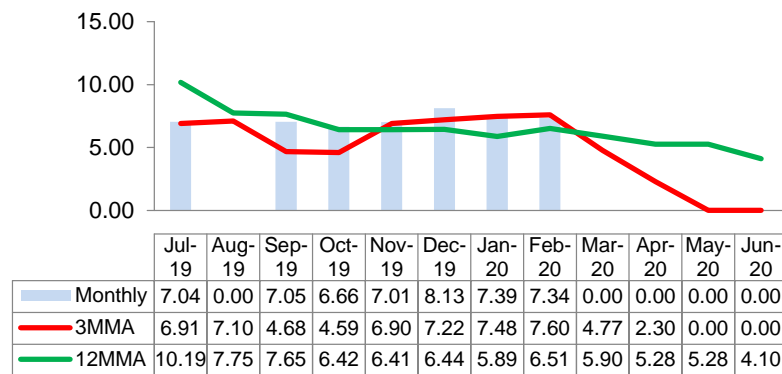


GRASSTREE LOST TIME INJURIES

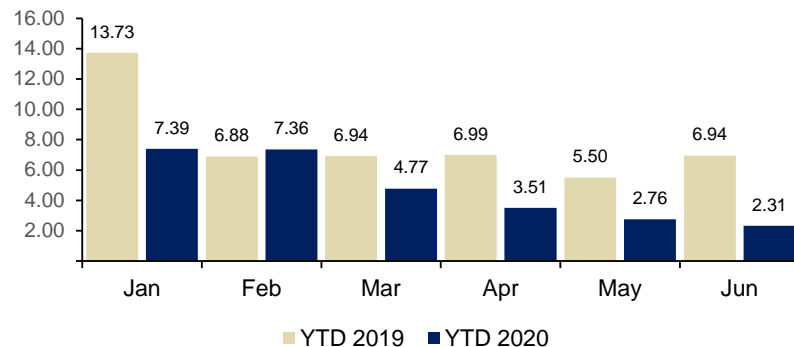
Grasstree LTIFR YTD



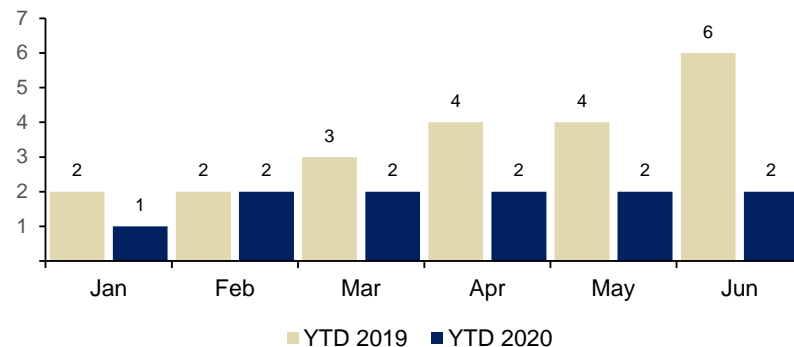
Grasstree LTIFR 3MMA v 12MMA



Grasstree LTIFR YTD Comparison

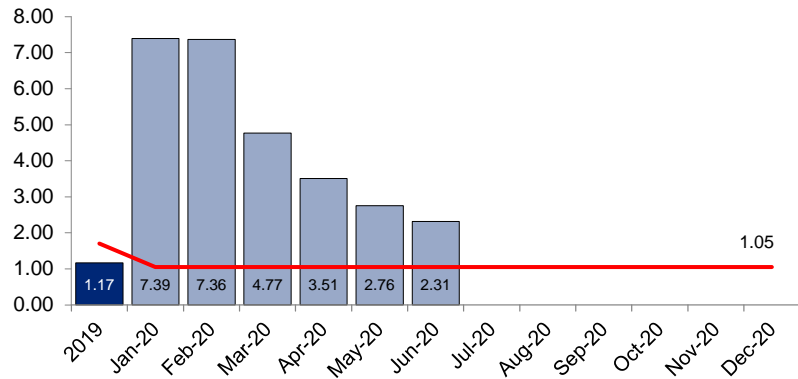


Grasstree LTI Count YTD Comparison

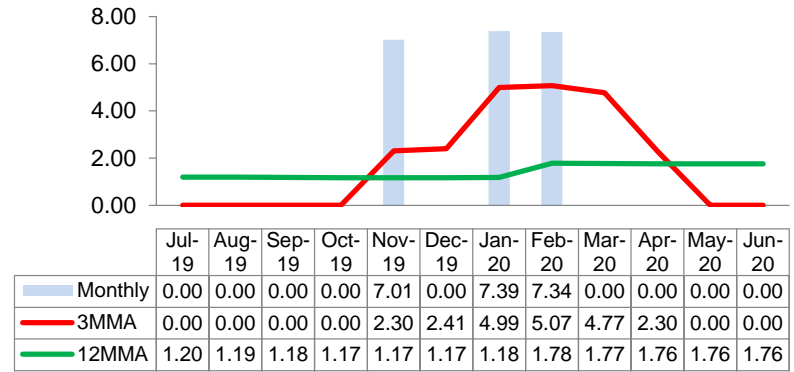


GRASSTREE OCCUPATIONAL ILLNESSES

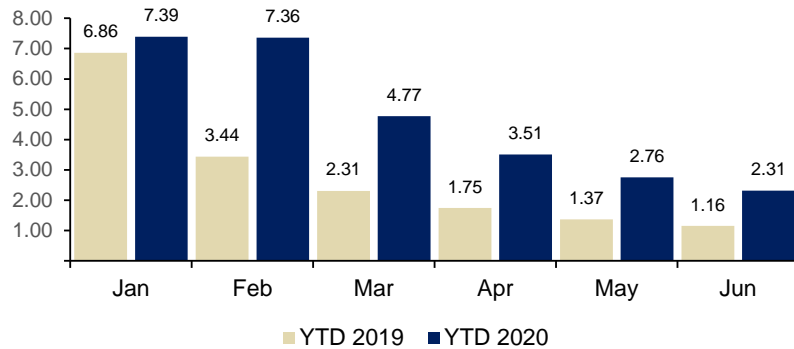
Capcoal Grasstree OCILFR YTD



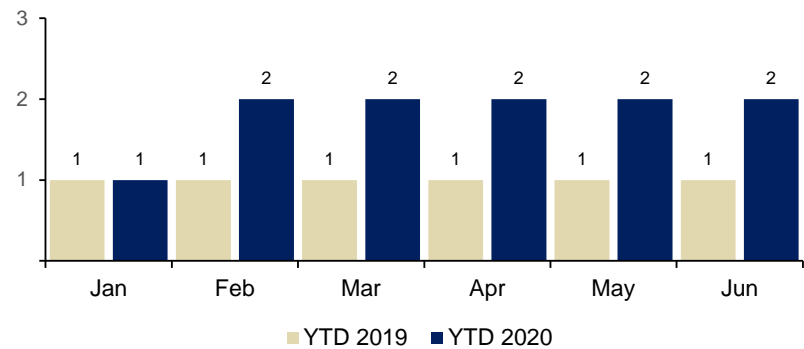
Capcoal Grasstree OCIL 3MMA v 12MMA FR



Grasstree OCILFR YTD Comparison

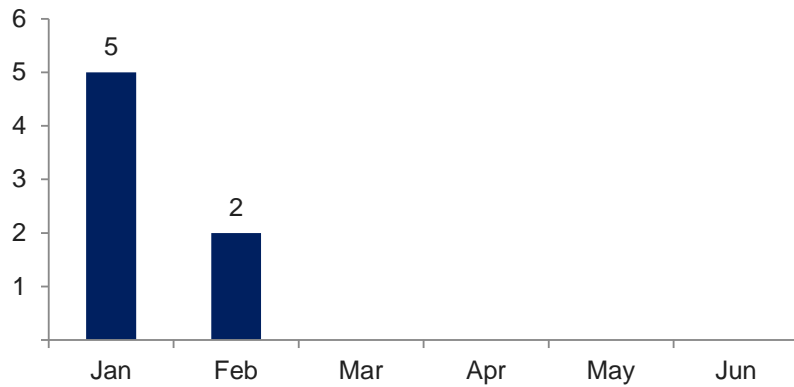


Grasstree OCIL Count YTD Comparison

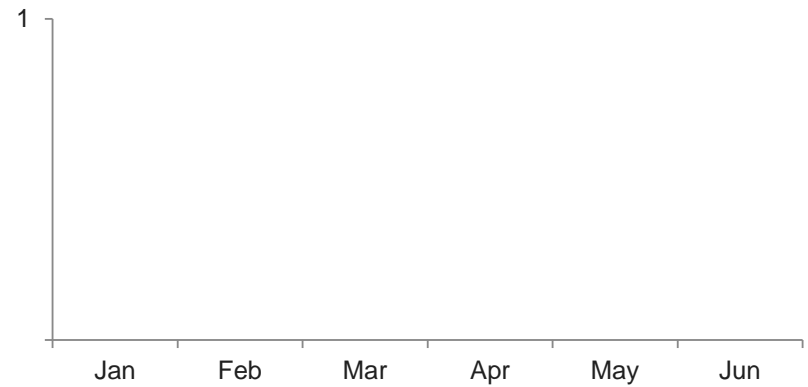


GRASSTREE OVERDUE TASKS

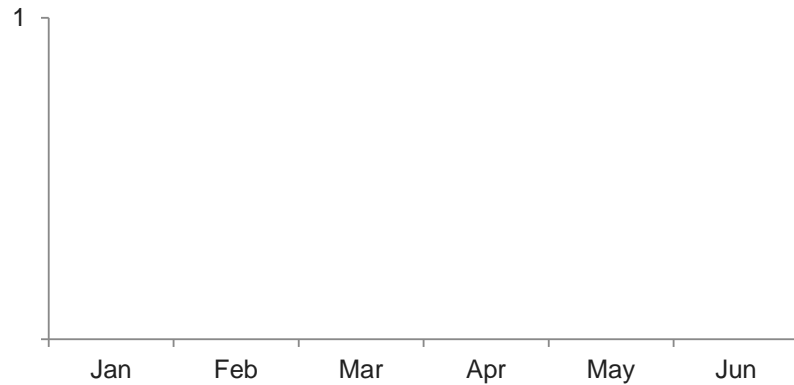
Grasstree Overdue Tasks



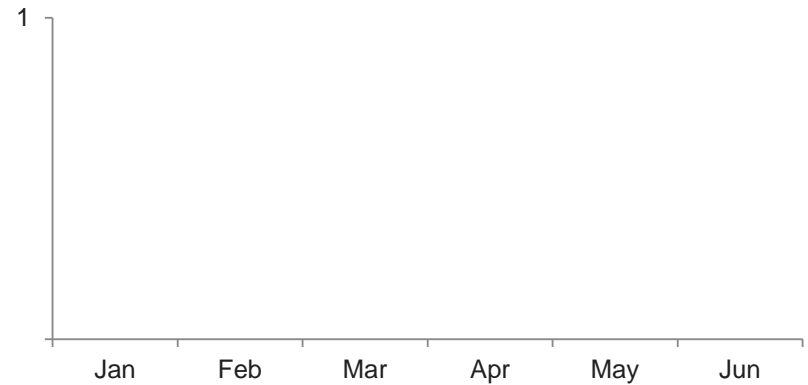
Grasstree Overdue HP Tasks - Real Due Date



Grasstree Overdue Audit Tasks - Real Due Date

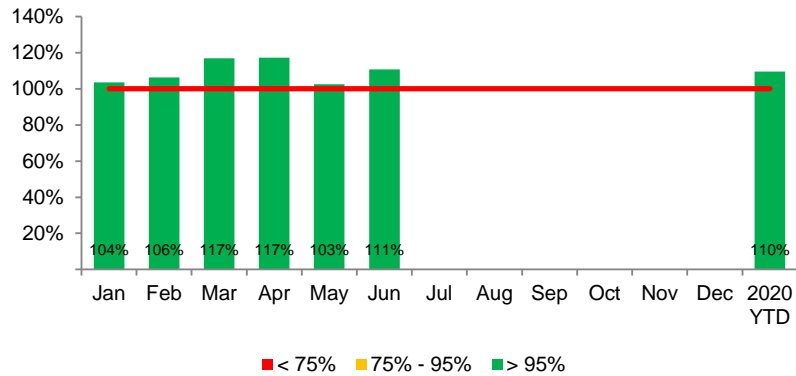


Grasstree Overdue CC Tasks - Real Due Date

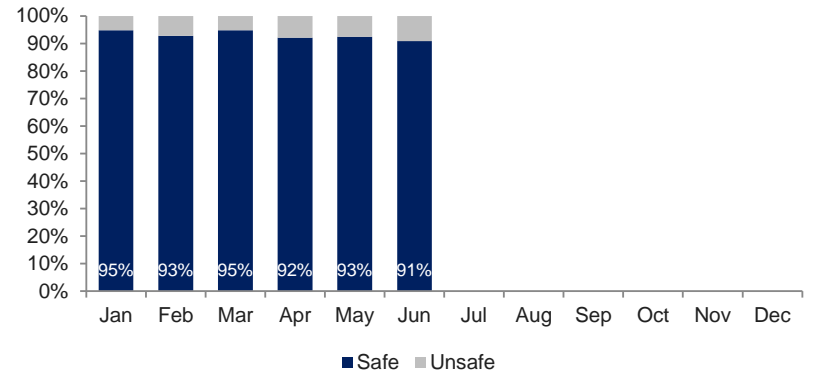


GRASSTREE VFL ANALYSIS

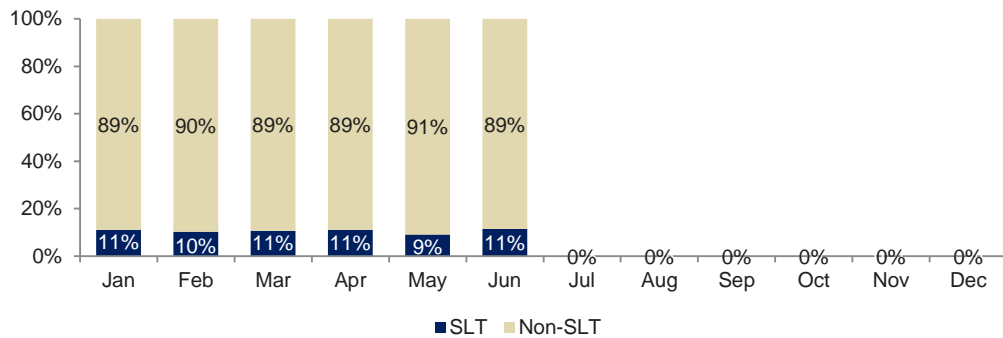
Grasstree SLT VFL % Target



Grasstree % Safe v Unsafe VFL Interactions



Grasstree %SLT v Non-SLT VFL Interactions



GRASSTREE CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	No.Overdue	No. Affected	No. Not Affected
138	60	60	0	0	3

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control*	HPH ID	Corrective / Immediate Action
BW.00005526 - CMW are adversely affected by underground dust, coal dust, crystalline silica, coatings and sprays (Note: not referring to explosions)	CT.00039226	Dust suppression on the miner, belts, shearer (sprays)	McNally Timothy - 940796_Mc	<p>Longwall - Longwall not operational during month due to relocation. Inspected spray circuits on install face and validated in accordance with relevant drawings. Inspected performance of new spray circuit on SWP on initial pressurization and appear to be effective. Performance feedback and environmental monitoring to be conducted once production commences as part of change management validation. Enablon actions TS.01229648 & TS.01229649 in place. LW dust mitigation WO post start-up indicates systems functioning correctly (attached).</p> <p>Conveyors - Inspected GCV910 tripper following commissioning and waiting for longwall production. Found dust suppression installation to be less than adequate. Issued instruction to rectify prior to LW coal and has been reported as complete. Maintenance inspection sheets for the tripper immediately after LW start-up (attached) indicate it has not been completed satisfactorily. Enablon action raised against this monitoring activity.</p>	No	N/A	Complete installation of GCV910 tripper air atomising sprays & dust containment cover and end flap

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

GRASSTREE CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	No.Overdue	No. Affected	No. Not Affected
138	60	60	0	0	3

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control*	HPH ID	Corrective / Immediate Action
BW.00005600 - Inadequate drainage of in seam gas through SIS and UIS boreholes affecting longwall mining	CT.00008390	Borehole Intersection Notices	Payne Matt - 16225_Mc	<p>BIN tracking has been updated to now include not only the yearly running spreadsheet, but also a sequence plan based tracker to ensure the MSO are receiving BIN back based on the mining chainages.</p> <p>Tracking spreadsheet completed fortnightly due to coverage. Non-compliances have been found and incident forms raised for incorrect treatment and misinformation on the form by ERZC.</p> <p>Non-compliance due to 1x incident, 1x HPI in regards to BINs and treatment of boreholes for the month.</p> <p>1x incident of methane layering in 910MG due to boreholes not being treated as per the supplied BIN and then being signed off as completed correctly by the ERZ.</p> <p>1x HPI due to layering and high gas >2.5% in 810MG dogleg due to similar issue where the boreholes are intersected and not treated properly as per the supplied BIN.</p> <p>Document review for SWP.GTM.177 being completed to ensure it is clear enough how to treat boreholes (it is very clear) and crews have been counselled yet again on correctly grouting or hosing over holes. combination of complacency and production targets.</p>	No	N/A	Refer Observation Detail - No tasks created against inspection.

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

INTERNAL

GRASSTREE CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	No.Overdue	No. Affected	No. Not Affected
138	60	60	0	0	3

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control*	HPH ID	Corrective / Immediate Action
BW.00005606 - A CMW is adversely affected due to exposure to a radiation source onsite (e.g. down hole loggers)	CT.00009669	Control of Energy SOP - Basic Isolation, Complex Personal Isolation & Complex Group Isolation process'	Murphy Stuart - 986930_Mc	Both a basic and a Group Complex isolation were audited. There were issues identified in the Complex isolation which did not affect the integrity of the isolation as it was effective. an incident report was completed to capture the issues discovered. evidence attached as evidence.	No	N/A	Complete incident report into deficiencies discovered during critical control monitoring activity on GCV910 Isolation

Fundamental Actions to address HPH's (to be completed by site)	Due Date	Responsible Person

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

GRASSTREE AUDIT STATUS

Audit	Audit Completed	Audit Report Drafted for Site review	Audit Report reviewed by site and accepted	Audit Action Plan developed in Enablon	Action Plan Name	Audit Action Status
2018 ENV OCA Audit	Yes	Yes	Yes	AP.00740027	Grasstree 2018 Environment OCA	95%
2020 ENV OCA	Completed	Completed	Completed	AP.00781546	2020 Environmental OCA Grasstree	53%
2020 SHE Way Self Assessment	Not Completed	Not Completed	Not Completed			



GROSVENOR

S&H Monthly Report – June 2020



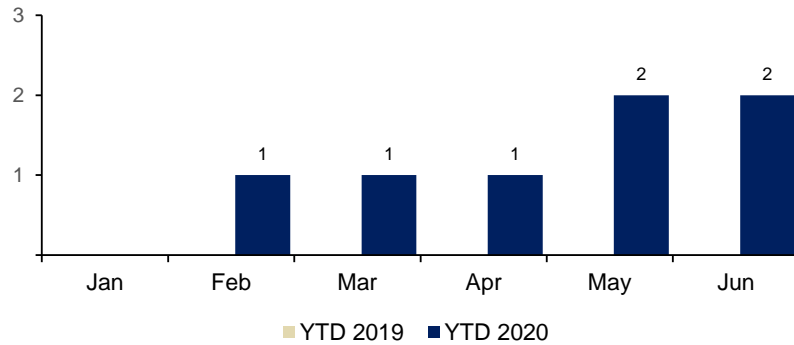
GROSVENOR

SAFETY OVERVIEW SUMMARY

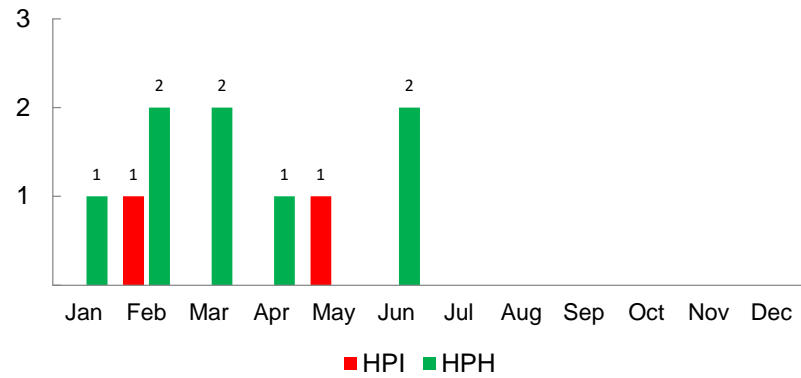
- Grosvenor's TARP status remains at **Level 3** reflecting ongoing recovery from a major injury event and subsequent spon com event this month. No '**Safety**' **HPIs** (YTD=2) or **TRCs** were reported during June (YTD TRC=11, LTI=9).
- Mining has not resumed at Grosvenor following gas ignition event on 6th May (pending ongoing investigations). Mine developing re-entry and recovery plan.
- 2xHPHs were reported during June (YTD=8). *Note 1 event date was May however not reported due to June consequence dates.*
- 4 additional OCILs from May were recorded in June, no OCILs reported in June (YTD=9).
- 13xCritical Control deficiencies were identified during June, 12 impacted the integrity of the controls resulting from monitoring not being completed due to gas ignition and spon com event underground. Mine currently evacuated with no access to underground workings. No risk to personnel as no access Underground. Monitoring activities will recommence once the mine is reopened.
- Nil overdue tasks including High Priority, Audit or Critical Control tasks at month end.
- 1 overdue HPI incident investigation remains at month end.
- SLT VFL completion rate was above target at 115% (YTD 103%).

GROSVENOR HIGH POTENTIAL INCIDENTS

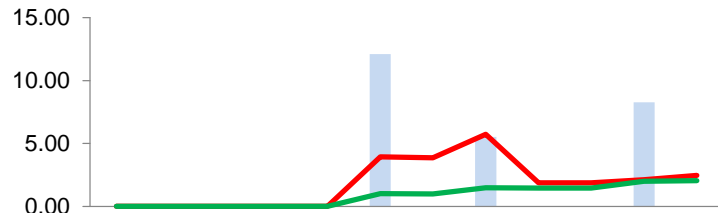
Grosvenor HPI Count
YTD Comparison



Grosvenor HPI / HPH Reporting



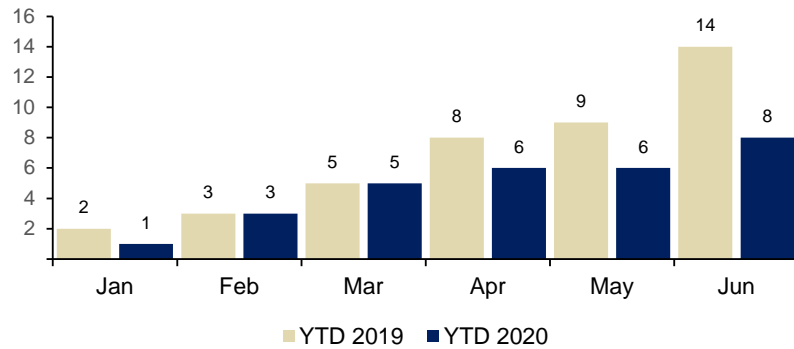
Grosvenor HPIFR 3MMA v 12MMA



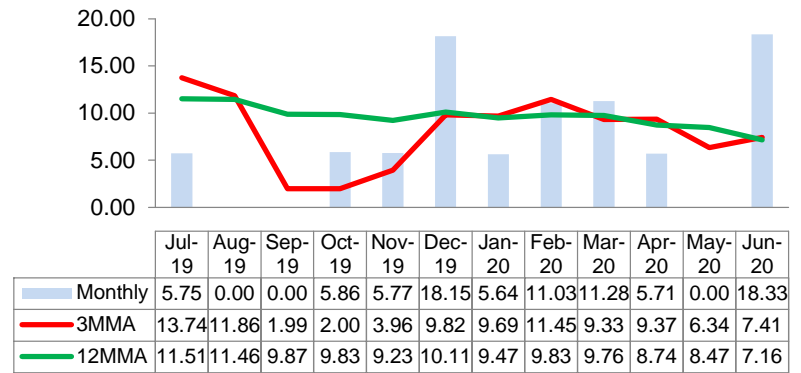
	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Monthly	0.00	0.00	0.00	0.00	0.00	12.10	0.00	5.52	0.00	0.00	8.28	0.00
3MMA	0.00	0.00	0.00	0.00	0.00	3.93	3.88	5.72	1.87	1.87	2.11	2.47
12MMA	0.00	0.00	0.00	0.00	0.00	1.01	1.00	1.47	1.46	1.46	1.99	2.05

GROSVENOR HIGH POTENTIAL HAZARDS

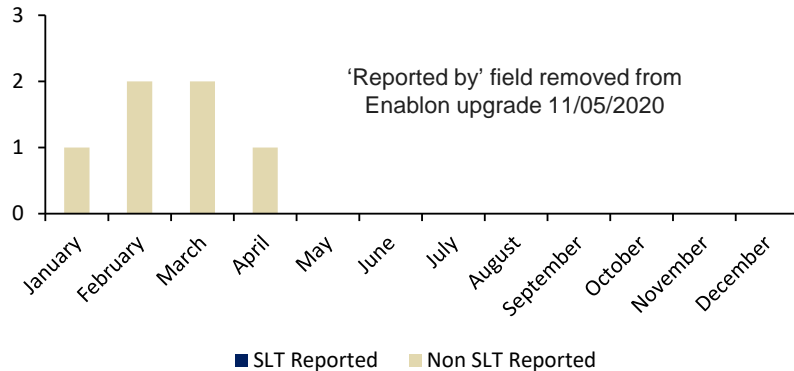
Grosvenor HPH Count
YTD Comparison



Grosvenor HPHFR 3MMA v 12MMA

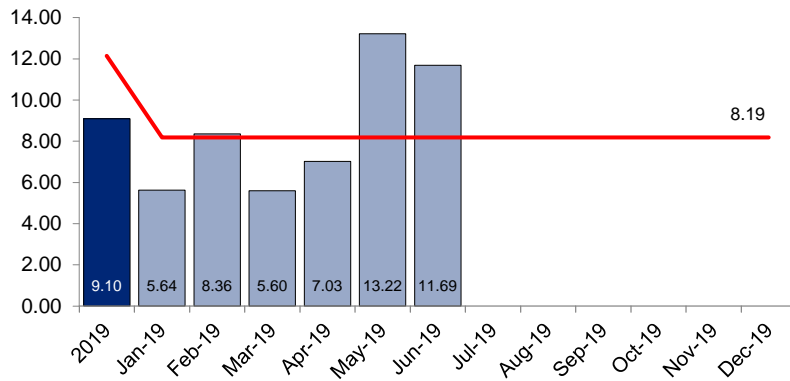


Grosvenor SLT Reported HPH's

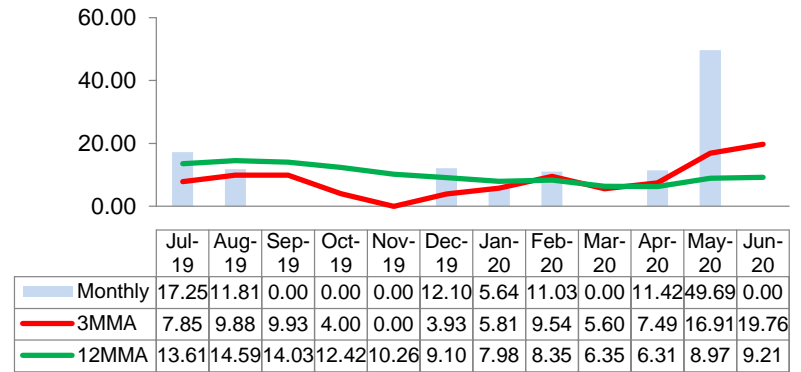


GROSVENOR TOTAL RECORDABLE CASES

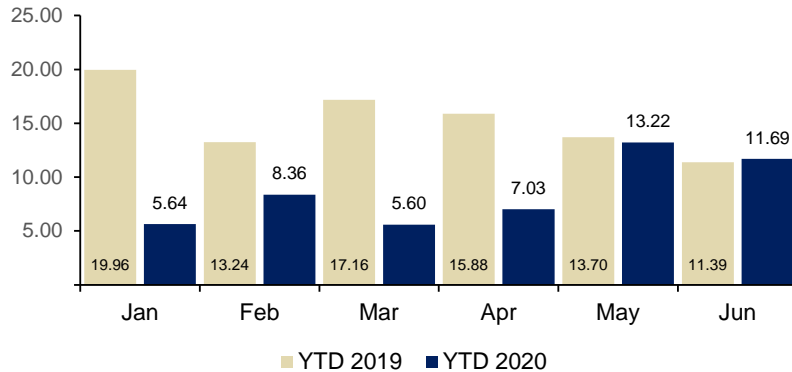
Grosvenor TRCFR YTD



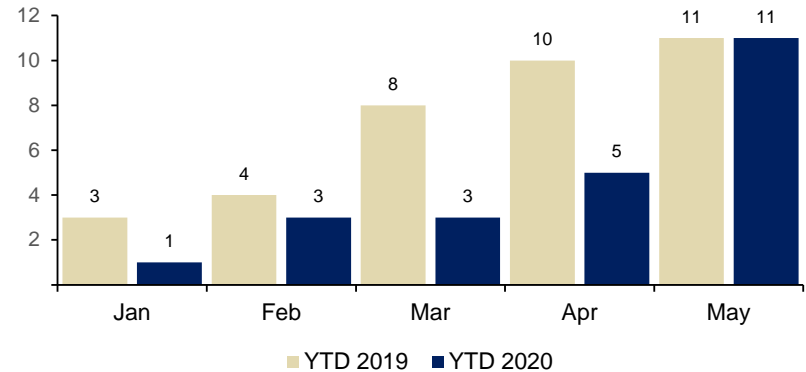
Grosvenor TRCFR 3MMA v 12MMA



Grosvenor TRCFR

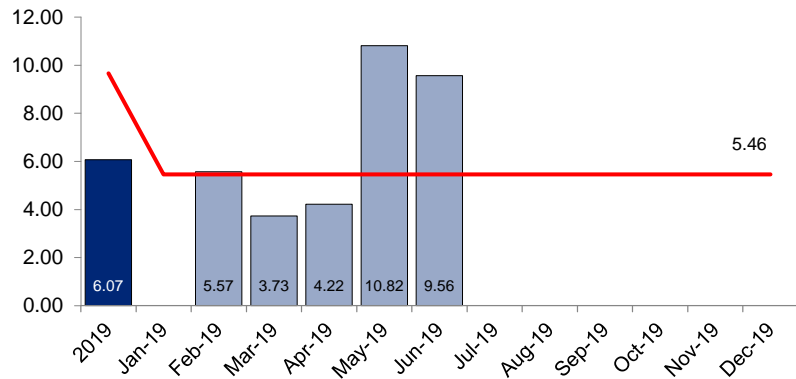


Grosvenor TRC Count

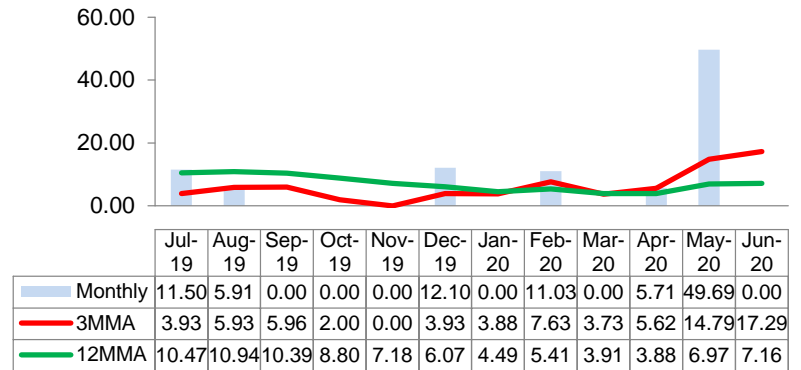


GROSVENOR LOST TIME INJURIES

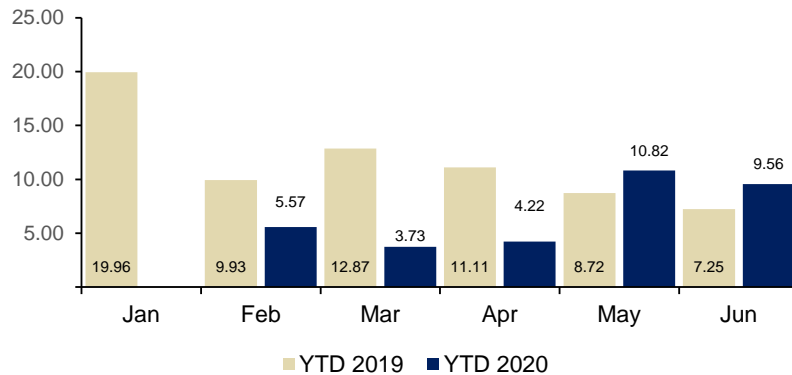
Grosvenor LTIFR YTD



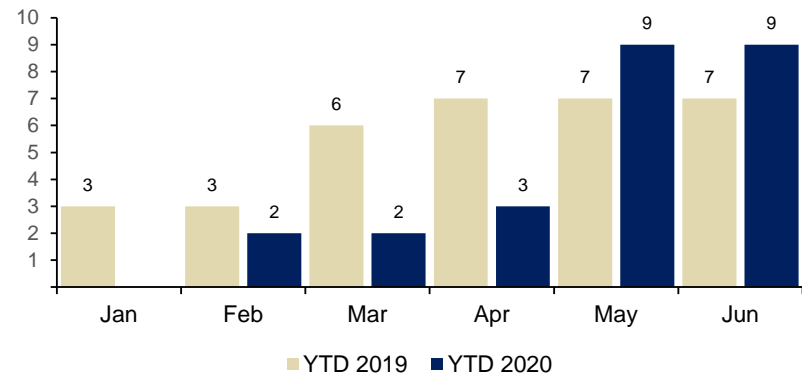
Grosvenor LTIFR 3MMA v 12MMA



Grosvenor LTIFR

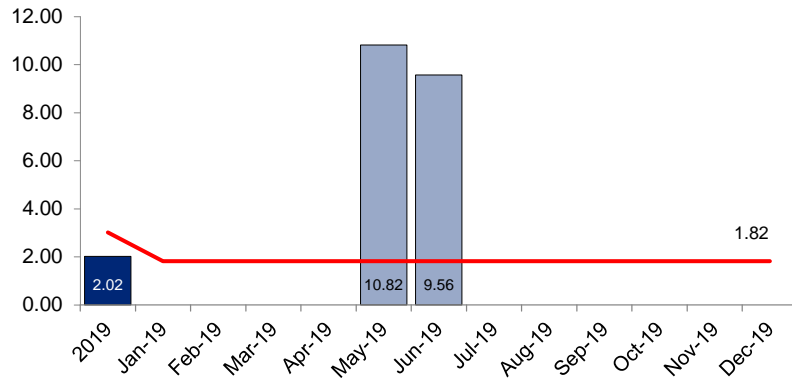


Grosvenor LTI Count

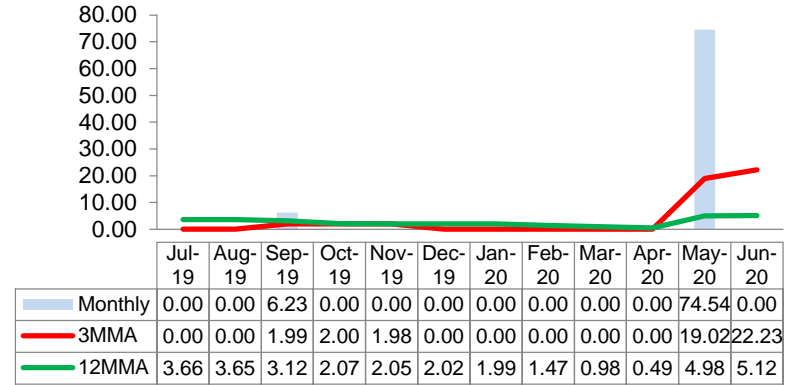


GROSVENOR OCCUPATIONAL ILLNESSES

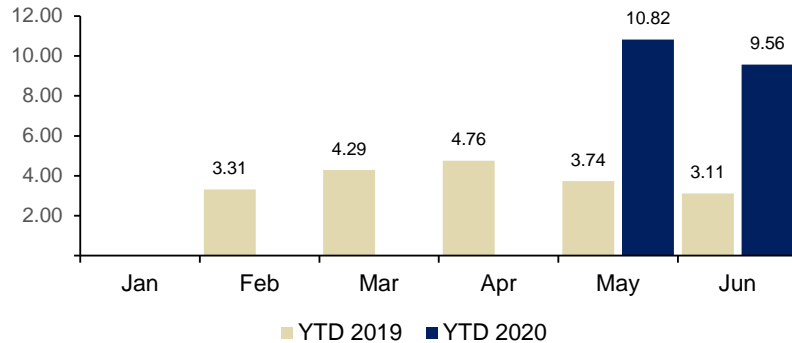
Grosvenor OCILFR YTD



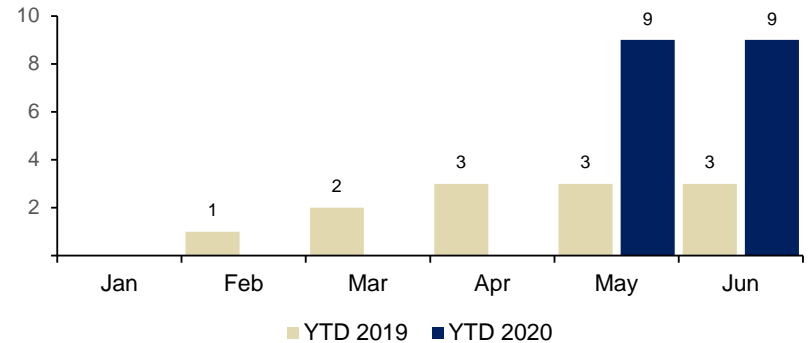
Grosvenor OCILFR 3MMA v 12MMA



Grosvenor OCILFR YTD Comparison

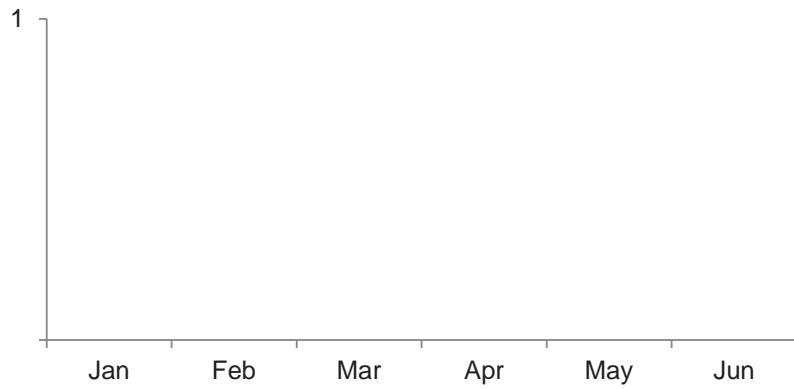


Grosvenor OCIL Count YTD Comparison

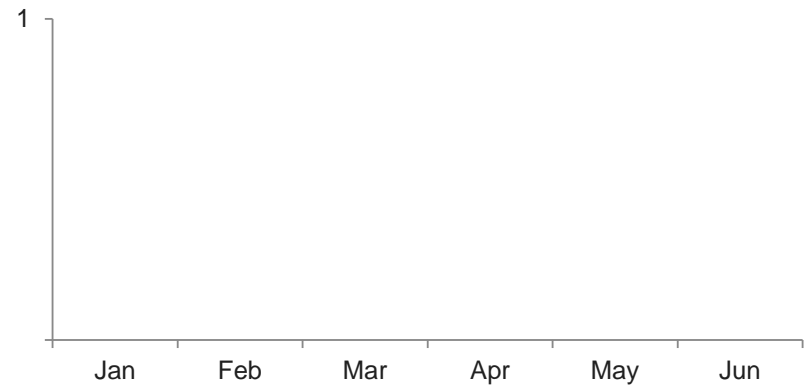


GROSVENOR OVERDUE TASKS

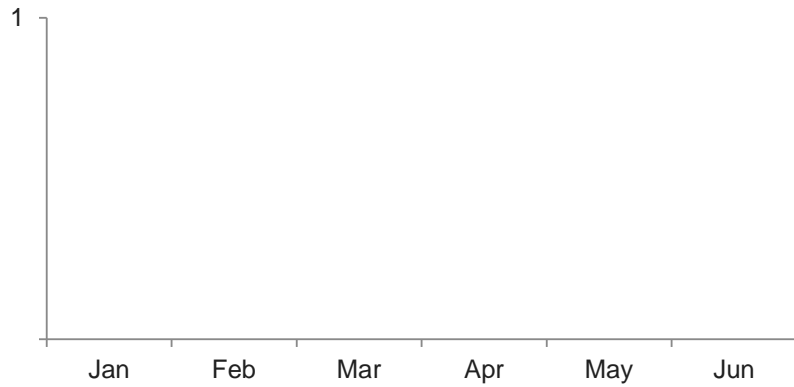
Grosvenor Overdue Tasks



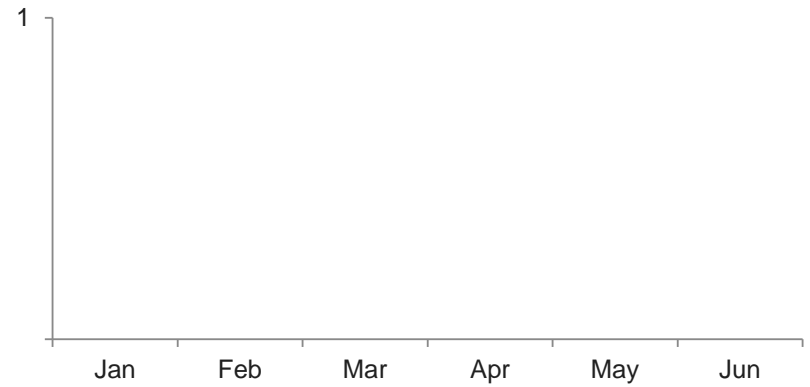
Grosvenor Overdue HP Tasks - Real Due Date



Grosvenor Overdue Audit Tasks - Real Due Date

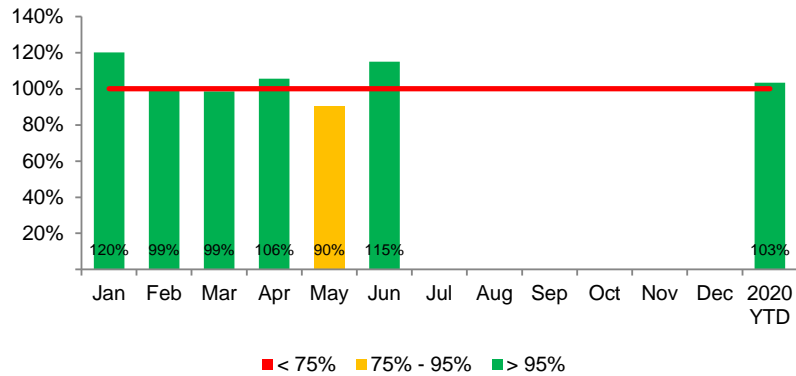


Grosvenor Overdue CC Tasks - Real Due Date

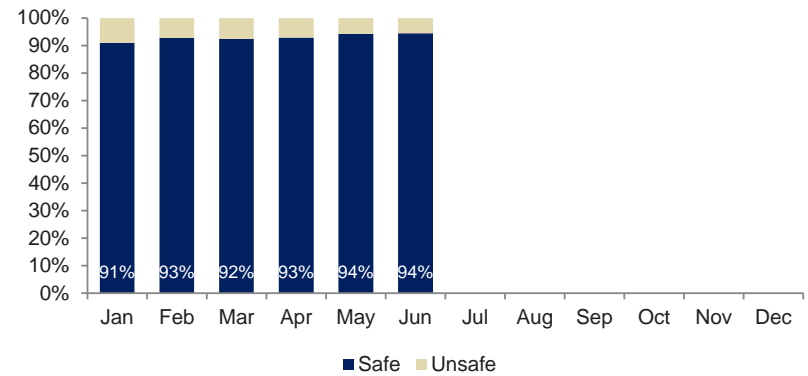


GROSVENOR VFL ANALYSIS

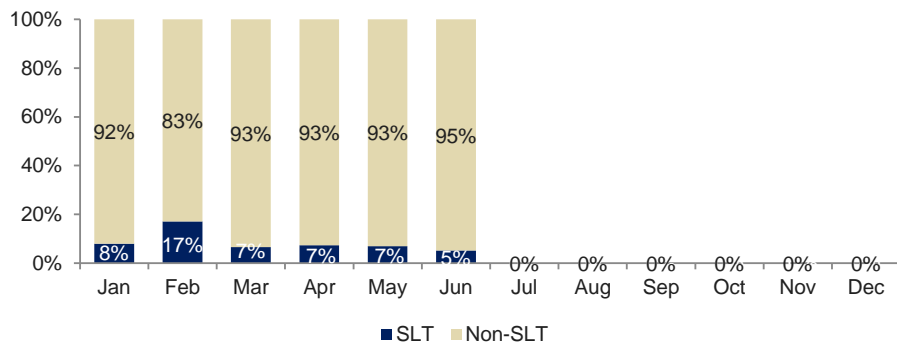
Grosvenor SLT VFL % Target



Grosvenor % Safe v Unsafe VFL Interactions



Grosvenor %SLT v Non-SLT VFL Interactions



GROSVENOR CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	Action Required	No. Affected	No. Not Affected
122	51	51	0	12	1

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control *	HPH ID	Corrective / Immediate Action
BW.00008816 - Irrespirable atmosphere/ Explosive atmosphere/ Engulfed personnel	CT.00015104	Hard barrier across all Final Panel Seal sites during sealing	Niehaus Charles - 6141038_Mc	Restricted access did not allow the monitoring activity to take place.	Yes	*	<i>Monitoring not completed due to gas ignition and spon com event underground. Mine currently evacuated with no access to underground workings. No risk to personnel as no access Underground. Monitoring activities will recommence once the mine is reopened. Site LFI has been conducted refer *IN.0022674.</i>
BW.00008736 - Gas	CT.00015171	Cable management plan					
√ Hybrid Explosion	CT.00015236	Dilution through ventilation					
BW.00009537 - Failure of the gas monitoring system	CT.00015739	Priority Critical Control - ERZ-NERZ Boundary Installation Standards - Validate that the assurance process for gas monitoring installations is in place and effective.					
	CT.00015741	All tubes fitted with self-draining water traps at seal sites; All tubes fitted with end-of-line dust filters					
	CT.00015743	Priority Critical Control - ERZ-NERZ Boundary Installation Standards - audit of the UG workings for all new or changed installations.					
	CT.00015744	Priority Critical Control - ERZ-NERZ Boundary Installation Standards - Review the Gas Monitoring quality assurance report completed by the EEM.					

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

GROSVENOR CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	Action Required	No. Affected	No. Not Affected
122	51	51	0	12	1

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control *	HPH ID	Corrective / Immediate Action
BW.00009538 - Failure of the methane drainage system	CT.00015880	UIS Methane Drainage Infrastructure	Niehaus Charles - 6141038_Mc	Restricted access did not allow the monitoring activity to take place.	Yes	*	<i>Monitoring not completed due to gas ignition and spon com event underground. Mine currently evacuated with no access to underground workings. No risk to personnel as no access Underground. Monitoring activities will recommence once the mine is reopened. Site LFI has been conducted refer *IN.0022674.</i>
BW.00008205 - Spon Comb in sealed goaf	CT.00017328	Stowage Management Plan		Restricted access did not allow the monitoring activity to take place. Stowage inspections and permits had been completed and inspected by undermanagers and ERZC's prior to pit closure.			
BW.00037954 - Frictional Ignition	CT.00066171	Minimum ventilation quantity on longwall face of 40m3/sec		No longwall production activities & access restricted to face since 6th May.			
	CT.00066134	Inspections & maintenance to ensure all picks and pick tips are in place and remain sharp		Restricted access did not allow monitoring activity to occur - LW face under control of DNRME (Incident Scene)			
	CT.00066177	Effective water spray deluge on cutting heads, shearers, TG Drives, AFC Raceways, and shield canopies					

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

GROSVENOR CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020				Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	Action Required	No. Affected	No. Not Affected
122	51	51	0	12	1

PUE	Control ID	Control Name	Control Owner	Observation	Affect Control*	HPH ID	Corrective / Immediate Action
BW.00008921 - Roof fall	CT.00017136	Geological Model maintained in compliance with OMS Standards	Niehaus Charles - 6141038_Mc	<p>Audit completed of MG105 hazard plan 22-41 ct. 1 non conformance found, action raised as appropriate to rectify. Audit Attached.</p> <p>Full audit of GRO-5313-PRO completed as per attached. Process is being mostly followed however some key areas addressing and clarification moving forward. Actions generated appropriately.</p>	No	N/A	Refer Audit attached INS.00386667

Fundamental Actions to address HPH (to be completed by site)	Due Date	Responsible Person

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

GROSVENOR AUDIT STATUS

Audit	Audit Completed	Audit Report Drafted for Site review	Audit Report reviewed by site and accepted	Audit Action Plan developed in Enablon	Action Plan Name	Audit Action Status
2019 Legal Audit	Completed	Completed	Completed	AP.00764751	2019 Grosvenor Legal Reviews	0%
2019 Legal Audit	Completed	Completed	Completed	AP.00766350	2019 Statutory Compliance Audit	57%
2020 SHE Way Self Assessment	Not Completed	Not Completed	Not Completed			



MORANBAH NORTH

S&H Monthly Report – June 2020

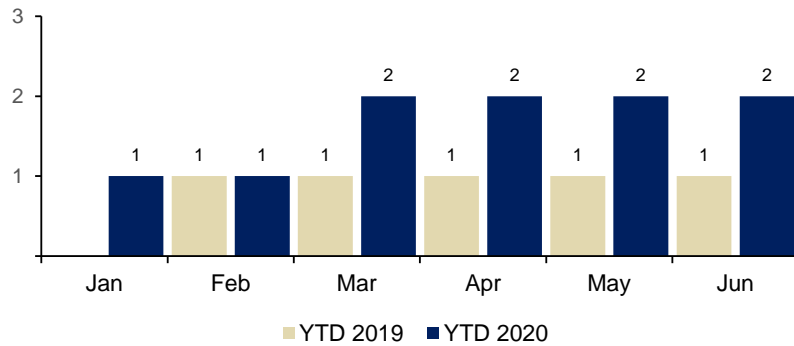


MORANBAH NORTH SAFETY OVERVIEW SUMMARY

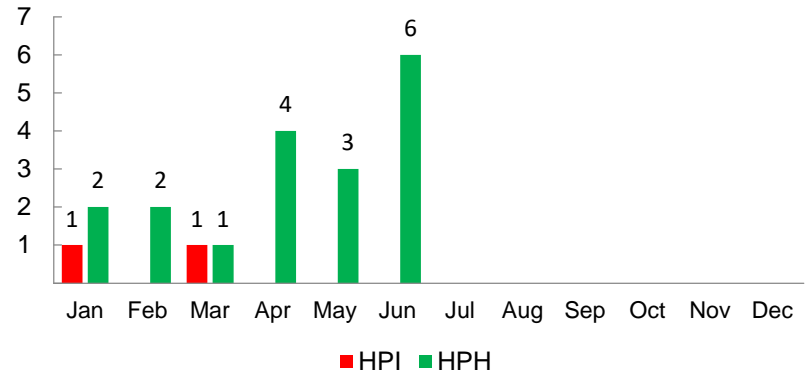
- Moranbah TARP status moved from Normal State to **Level 1** with **no HPIs** (YTD=2) and **2 TRCs/1 LTI** reported during June (YTD TRC=5, LTI=2).
- 6xHPHs were reported in June (YTD=18). *Note 3 event dates were May however not reported due to June consequence dates.*
- Nil Critical Control deficiencies were identified during June.
- 1xOCIL was recorded in June (YTD=1).
- Nil overdue tasks including High Priority, Audit or Critical Control tasks at month end.
- 2 overdue HPI incident investigations remain outstanding at month end.
- SLT VFL completion rate was below target at 58% (YTD 63%).

MORANBAH NORTH HIGH POTENTIAL INCIDENTS

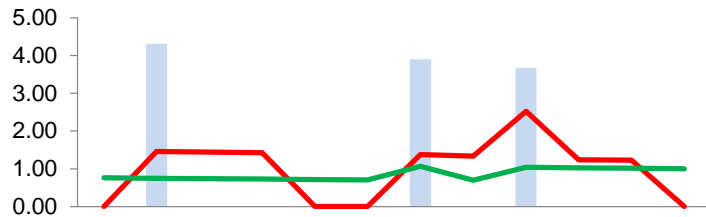
**Moranbah North HPI Count
YTD Comparison**



Moranbah North HPI / HPH Reporting



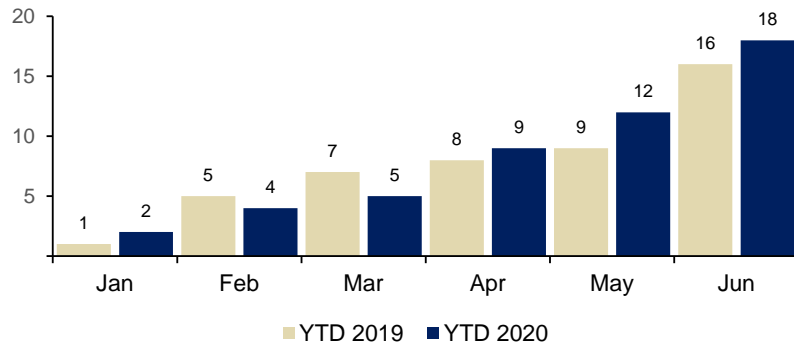
Moranbah North HPIFR 3MMA v 12MMA



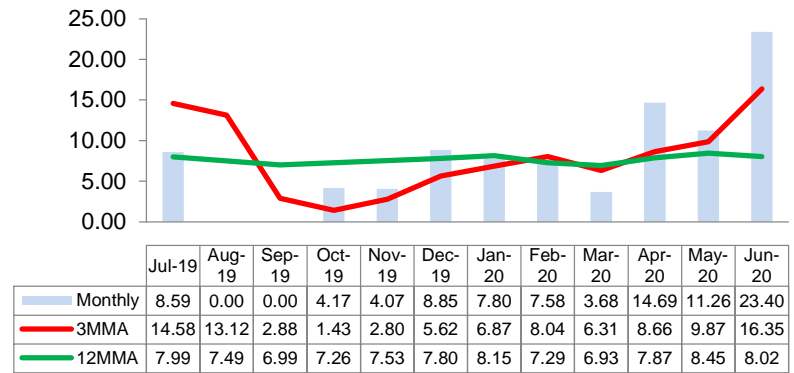
	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Monthly	0.00	4.32	0.00	0.00	0.00	0.00	3.90	0.00	3.68	0.00	0.00	0.00
3MMA	0.00	1.46	1.44	1.43	0.00	0.00	1.37	1.34	2.52	1.24	1.23	0.00
12MMA	0.76	0.75	0.74	0.73	0.72	0.71	1.06	0.69	1.04	1.03	1.01	1.00

MORANBAH NORTH HIGH POTENTIAL HAZARDS

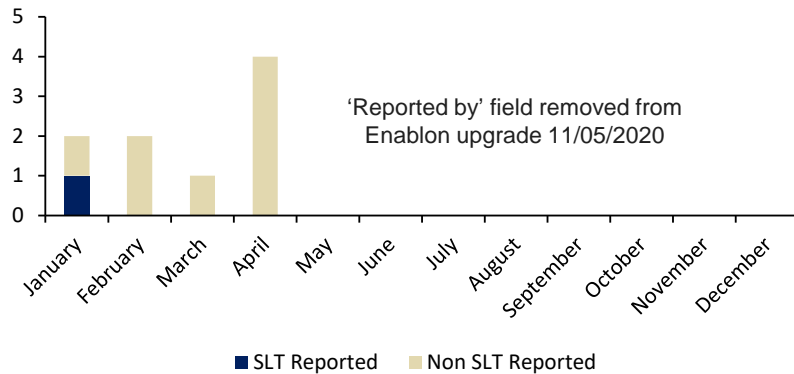
**Moranbah North HPH Count
YTD Comparison**



Moranbah North HPHFR 3MMA v 12MMA

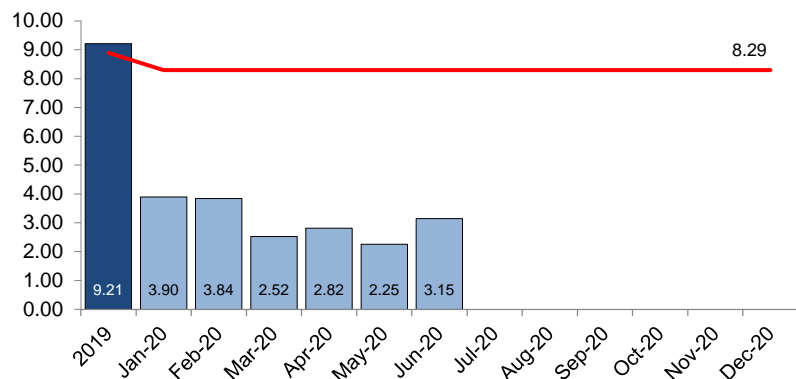


Moranbah North SLT Reported HPH's

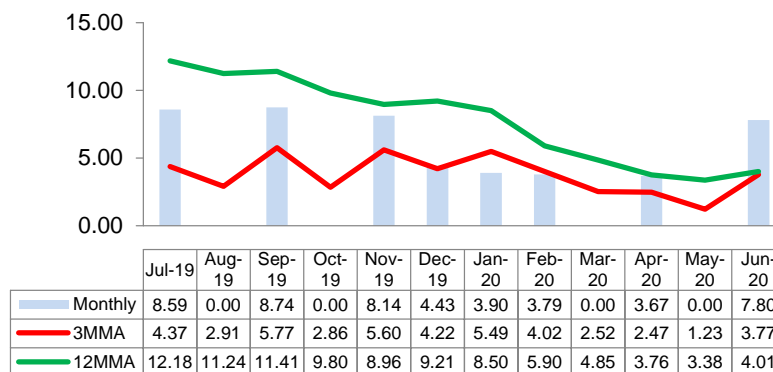


MORANBAH NORTH TOTAL RECORDABLE CASES

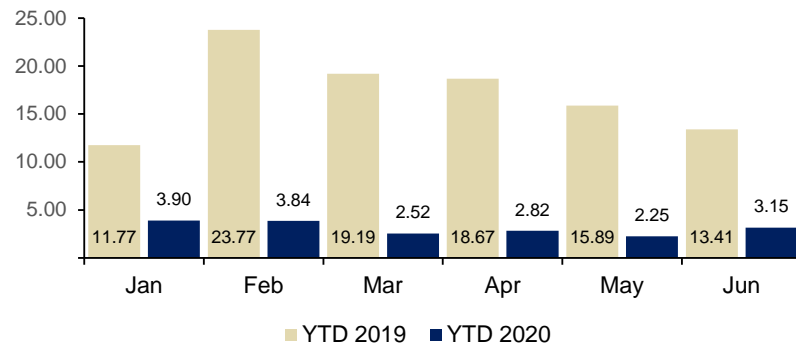
Moranbah TRCFR YTD



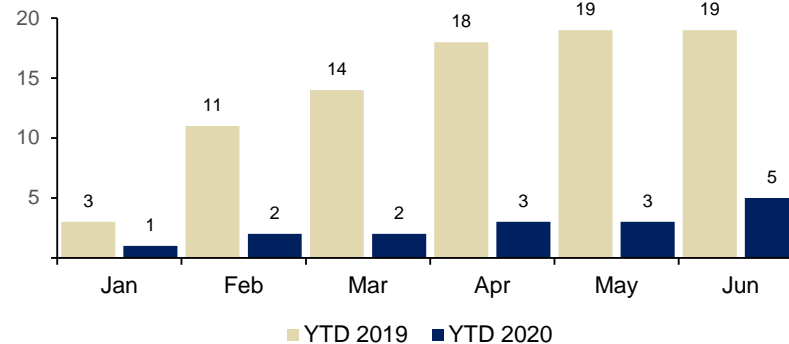
Moranbah North TRCFR 3MMA v 12MMA



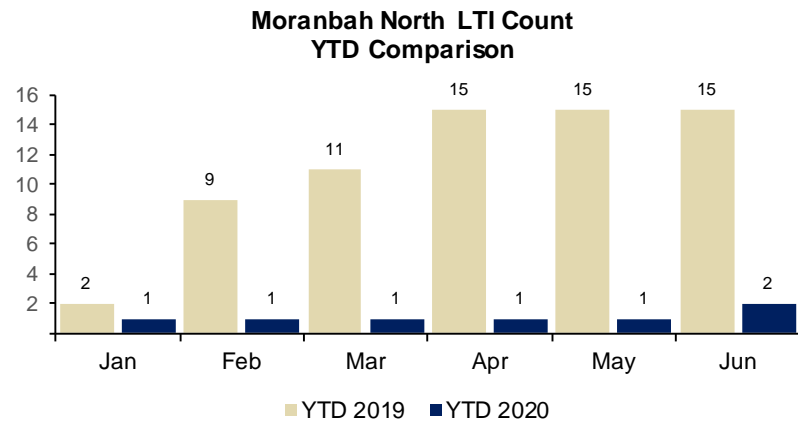
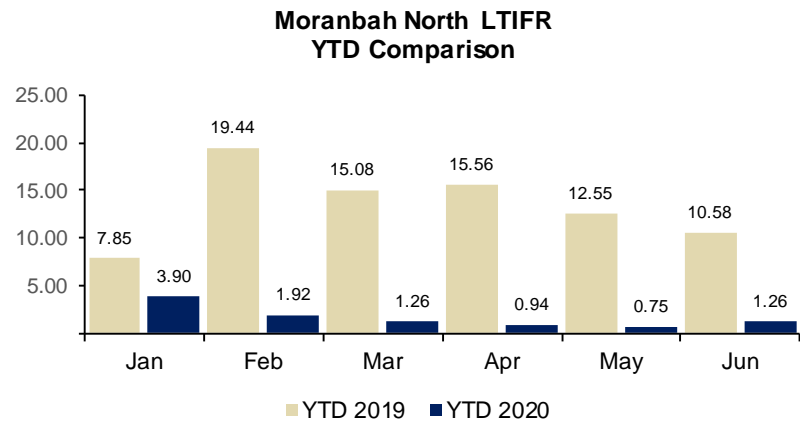
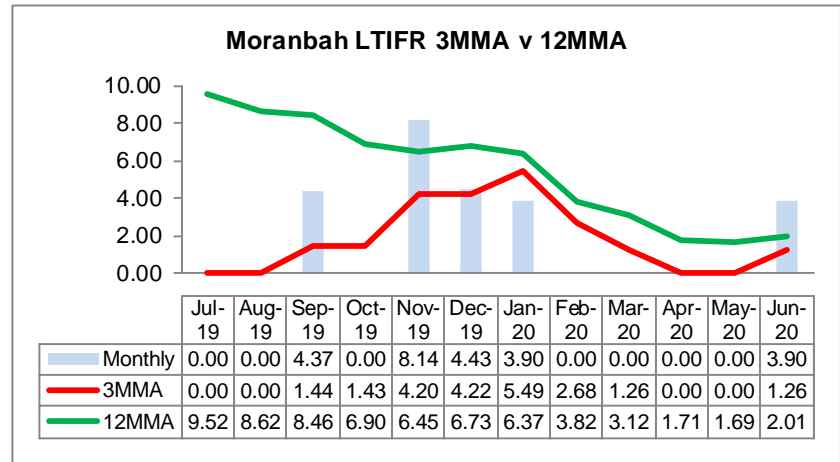
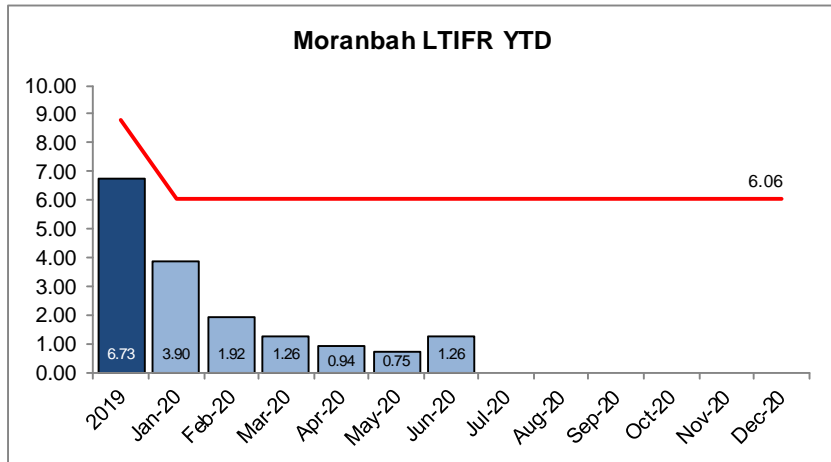
Moranbah North TRCFR YTD Comparison



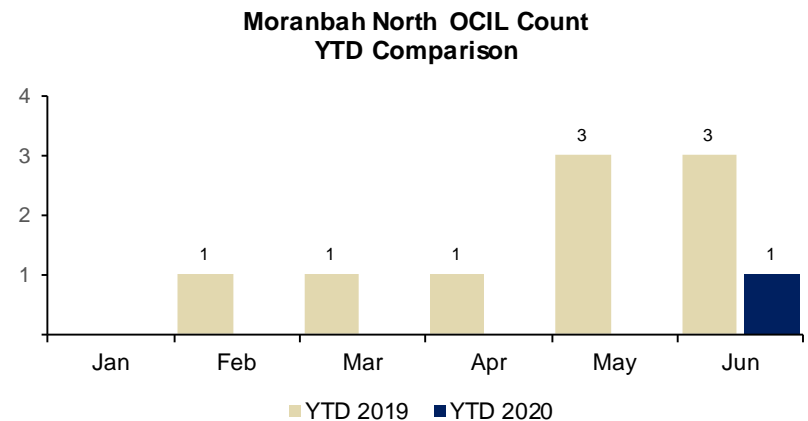
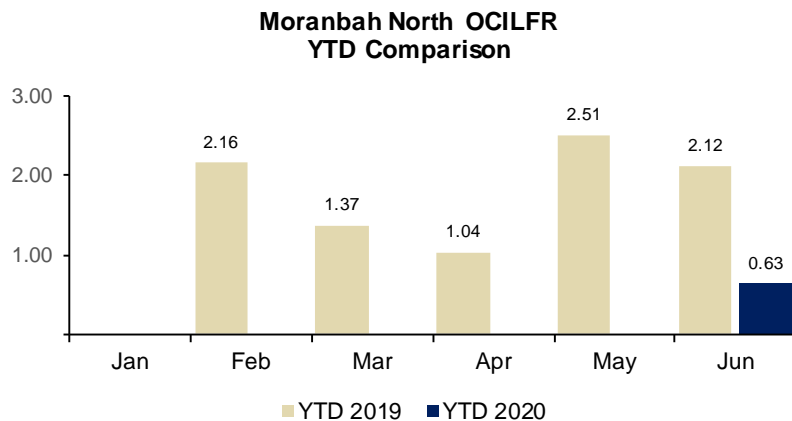
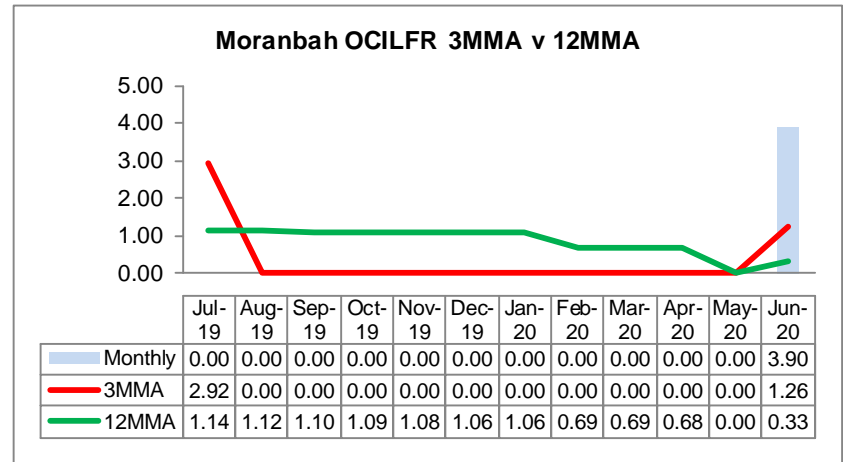
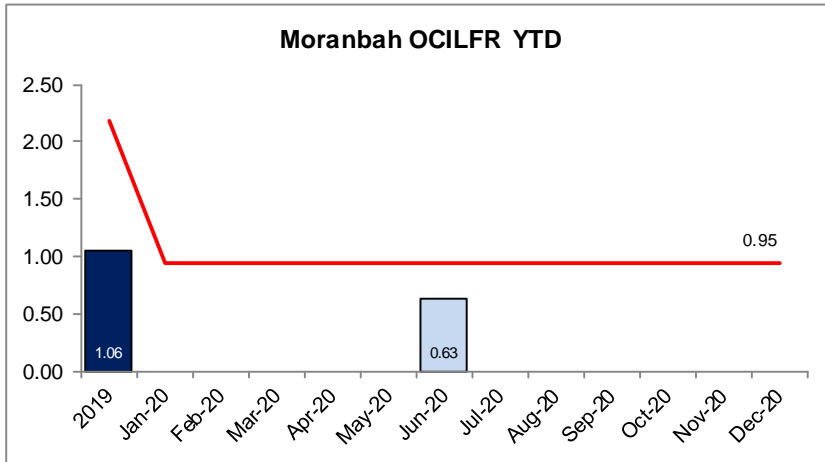
Moranbah North TRC Count YTD Comparison



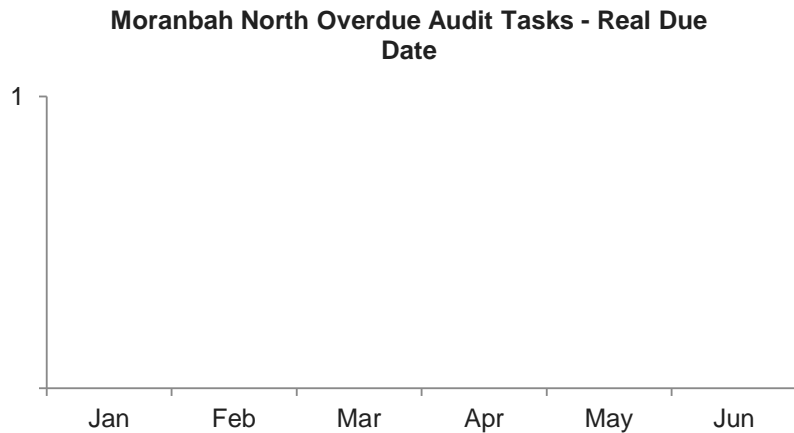
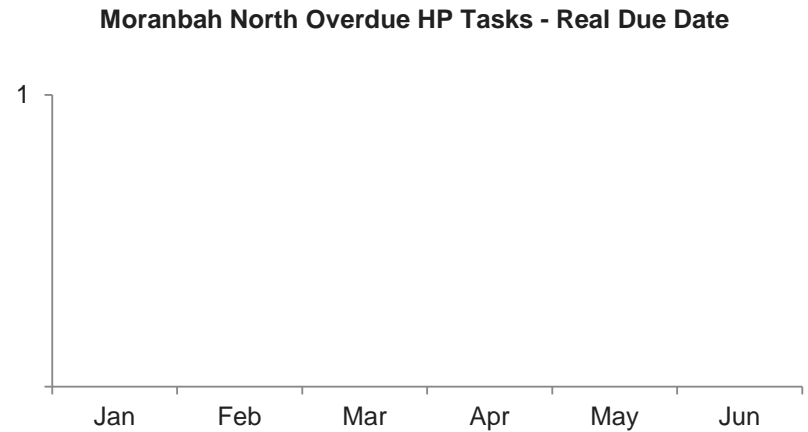
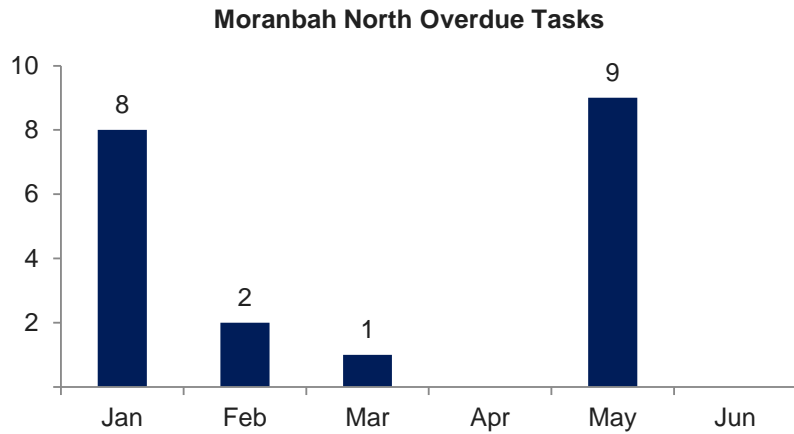
MORANBAH NORTH LOST TIME INJURIES



MORANBAH NORTH OCCUPATIONAL ILLNESSES

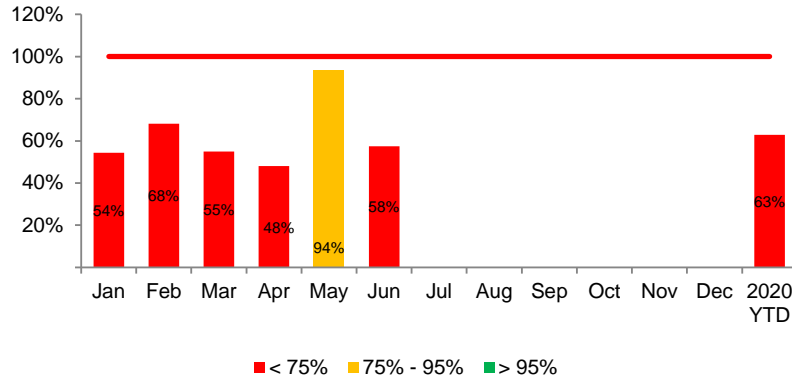


MORANBAH NORTH OVERDUE TASKS

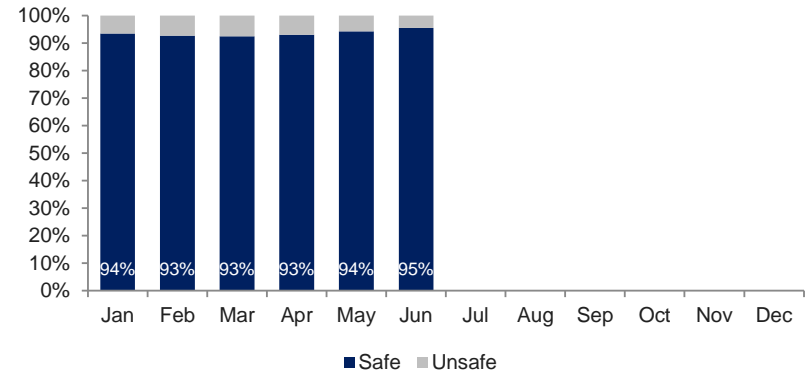


MORANBAH NORTH VFL ANALYSIS

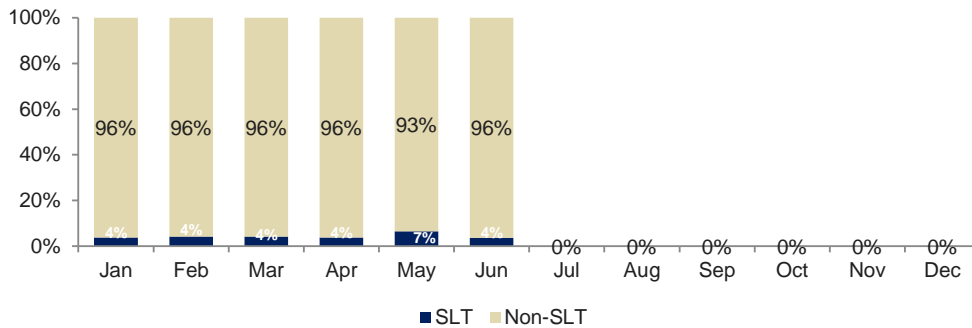
Moranbah North SLT VFL % Target



Moranbah % Safe v Unsafe VFL's



Moranbah %SLT v Non-SLT VFL's



MORANBAH NORTH CRITICAL CONTROL DEFICIENCY SIGN OFF

Overview of monitoring this month – June 2020					Deficiencies Identified this month	
Total Controls	No.Scheduled	No.Completed	Action Required	No. Affected	No. Not Affected	
237	48	48	0	0	0	
PUE	Control ID	Control Name	Control Owner	Observation	Affect Control	Corrective / Immediate Actions
No deficient controls were identified in June 2020						

Fundamental Actions to address HPH (to be completed by site)	Due Date	Responsible Person

Sign off required:	Signature	Date	Document Control
General Manager		___/___/ 2020	Forward to Head of Ops
Head of Ops		___/___/ 2020	Forward to Head of S&H
Head of S&H		___/___/ 2020	Forward to S&H Officer for filing

MORANBAH NORTH AUDIT STATUS

Audit	Audit Completed	Audit Report Drafted for Site review	Audit Report reviewed by site and accepted	Audit Action Plan developed in Enablon	Action Plan Name	Audit Action Status
2017 ENV OCA Audit	Completed	Completed	Completed	AP.00582513	2017 Moranbah North OCA Action Plan	97%
2018 SHE Way Gap Analysis	Gap Analysis completed	Not Applicable	Not Applicable	AP.00695858	SHE Way Gap Analysis	100%
2018 ENV OCA Audit	Completed	Completed	Completed	AP.00764085	Environmental OCA 2018	11%
2019 Legal Audit	Completed	Completed	Completed	AP.00755988	2019 MNM Compliance Audit Action Plan	44%
2020 SHE Way Self Assessment	Not Completed	Not Completed	Not Completed			



THANK YOU