



**NSW
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MONTHLY BUSINESS ACTIVITIES REPORT

JANUARY 2021



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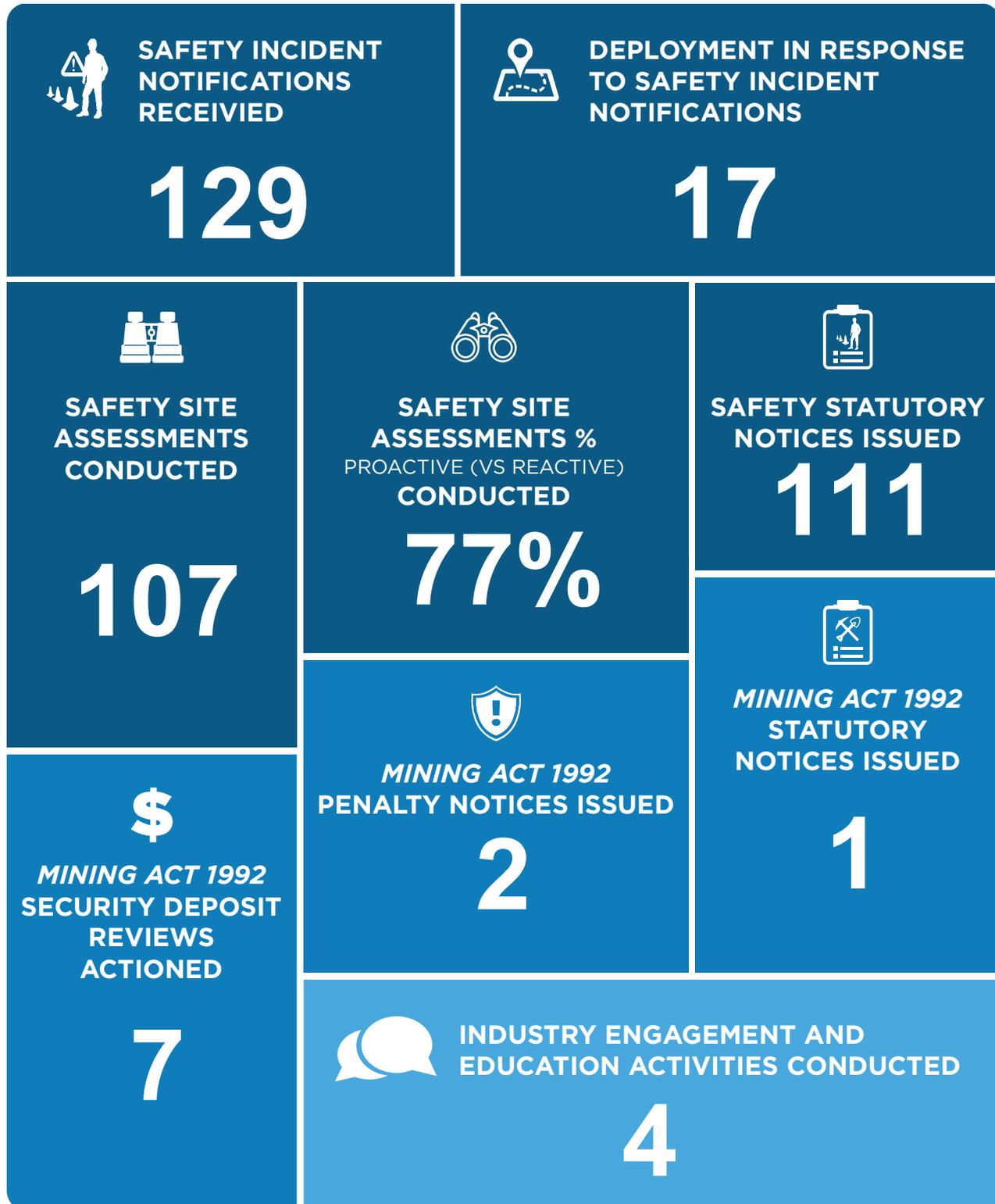
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Activities at a glance

Summary of our regulatory activities in January 2021



Safety incidents of note



At an underground metalliferous mine, a work box detached from an integrated tool carrier and fell approximately two metres. It hit the ground and rolled 90 degrees onto its side, partially ejecting two mine workers who had been inside the work box.



A truck at an open cut coal mine was on the workshop deadline for a defect repair. After parking the truck, the operator exited the machine and the truck rolled backwards approximately 65 metres and collided with the pump at the wash bay.



At a small mine an excavator, tasked with building a ramp into the pit, was widening the area when a section of wall (topsoil and sand), approximately five metres high, has fallen out and smashed through the window on the excavator door allowing glass and soil into the cab to approximately ankle level.

Education and engagement activities

January 2021 saw the heat campaign launched – [Don't lose your head in the heat.](#)

Work Health and Safety activities

Safety incident notifications

TABLE 1. DETAILS OF SAFETY INCIDENTS WHERE INSPECTORS WERE DEPLOYED - JANUARY 2021

DATE NOTIFIED	REPORTING SECTOR	PRINCIPAL MINING HAZARD	INCIDENT
6 Jan	Coal mines	Uncontrolled movement / disassembly of pneumatic tyre	A tyre fitter installing a tyre onto a haul truck jammed their fingers between the lock ring and bead seat band.
9 Jan	Large mines – Metalliferous and Quarries	N/A	An operator was loading a truck at the oxide stockpile when a rock, weighing approximately 20kg, came off the bucket and bounced through the truck side panel window, making contact with the operator. The operator received bruising to the upper arm.
9 Jan	Large mines – Metalliferous and Quarries	Loss of control of lifted load or load lifting equipment	A work box detached from an integrated tool carrier and fell approximately 2m. It hit the ground and rolled 90 degrees onto its side, partially ejecting two mine workers who had been inside the work box.
10 Jan	Coal mines	Surface vehicle interaction - Roads and Vehicle other operating areas	A truck was on the workshop deadline for a defect repair. After parking the truck, the operator exited the machine and the truck rolled backwards approximately 65m and collided with the pump at the wash bay.
10 Jan	Coal mines	Ground or Strata Failure	A roof fall occurred in a restricted access zone (RAZ). The roof fall extends approx. two thirds across the intersection and about 20m rib to rib up the cut-through. Immediately access to the RAZ was restricted with no access inbye the RAZ gates until a risk assessment and recovery plan is developed.
11 Jan	Coal mines	Uncontrolled movement / disassembly of pneumatic tyre	A service cart was serving the excavator and was pulling hoses when a tyre on the service cart blew, knocking the service operator off their feet and a nearby excavator operator was also struck by mud.
12 Jan	Small mines – Metalliferous, Quarries and Other Gemstones	Abnormal movement of excavated / surface strata	An excavator tasked with building a ramp into the pit was widening the area when a section of wall (topsoil and sand) approximately 5m high has fallen out and smashed through the window on the excavator door allowing glass and soil into the cab to approximately ankle level.

19 Jan	Small mines – Metalliferous, Quarries and Other Gemstones	N/A	A worker, while attempting to attach his harness to a mobile crushing screen, has slipped and landed heavily on the ground. The worker sustained a fractured pelvis.
21 Jan	Coal mines	N/A	An operator driving a fully loaded dump truck was descending a ramp when the truck has veered into a windrow and rolled onto its side.
23 Jan	Large mines – Metalliferous and Quarries	Surface vehicle interaction - Roads and Vehicle other operating areas	A water truck lost control on a ramp and rolled over. The driver sustained minor injuries. Preliminary findings suggest that the brakes failed and the driver, who was not qualified to drive a water truck, was unable to bring the truck to a stop.
24 Jan	Coal mines	N/A	A truck operator at a fuel farm was found unresponsive on the ground.
25 Jan	Large mines – Metalliferous and Quarries	N/A	A worker was tidying up a trailer on the worksite and accidentally dropped a 2kg soft face hammer on their left hand, the hammer impacted his left middle finger resulting in a laceration that required four sutures.
25 Jan	Coal mines	N/A	When blasting overburden, fly rock has been ejected beyond the exclusion zone and into an area where mining plant was operating.
25 Jan	Small mines – Metalliferous, Quarries and Other Gemstones	Surface vehicle interaction - Roads and Vehicle other operating areas	An articulated water truck was carrying a full tank of water and driving from the pit to the sales yard. The tank section has rolled over when the driver negotiated a bend in the road near the primary crusher. The cabin section remained upright.
25 Jan	Large mines – Metalliferous and Quarries	N/A	A jumbo that was parked on the start of a decline was hit in the rear by a loader bucket. The operator of the jumbo was at the front of the machine at the time of the collision. No one was injured.
28 Jan	Large mines – Metalliferous and Quarries	Loss of control of lifted load or load lifting equipment	A maintenance hoist that was loaded with a light vehicle had a rope failure that caused the hoist to drop on one side.
30 Jan	Large mines – Metalliferous and Quarries	N/A	A 10m high, 4m diameter water clarifier tank at a paste fill plant buckled.

TOTAL

17

Safety assessments

Safety site targeted assessment program

TABLE 2. DETAILS OF TARGETED SAFETY SITE ASSESSMENTS – JANUARY 2021

HAZARD	SECTOR	MINE
Air quality or dust or other airborne contaminants	Coal mines - Surface	Bengalla Mine
Fire or explosion	Coal mines - Underground	North Wambo Underground
		Tahmoor Colliery
	Coal mines - Surface	Mount Pleasant Operation - Thiess Pty Ltd
Inundation or inrush of any substance	Coal mines – Underground	Integra Underground
Ground or strata failure	Coal mines - Surface	Boggabri Coal Mine - Open Cut
		Muswellbrook Coal Open Cut
TOTAL		7

Safety compliance activities

Prohibition notices issued

In January 2021, 11 prohibition notices were issued under section 195 of the *Work Health and Safety Act 2011*.

TABLE 3. PROHIBITION NOTICES ISSUED - JANUARY 2021

ISSUED TO PCBU*	MINE LOCATION	PROHIBITED ACTIVITY
Dendrobium Coal Pty Ltd	Dendrobium Colliery	The use of the joy rib support number 128 except for fault testing and investigation of the unplanned movement.
Evolution Mining Limited	Cowal Gold Mine	Side-loading trucks with hard rock and oxide ore with a loader. <u>Amended to</u> allow side loading of rock and oxide ore with a loader from the non-driver's side only.

ISSUED TO PCBU*	MINE LOCATION	PROHIBITED ACTIVITY
Wilpinjong Coal Pty Ltd	Wilpinjong Coal Mine	Metering calibration checks on energised electrical equipment as described in High Risk Activity Notification, Ref: SHRA0001461, without conducting a site-specific risk assessment.
Cobar Management Pty Ltd	CSA Mine	Man riding for transport or inspection on CSA No. 2 shaft friction winder.
Big Island Mining Pty Ltd	Dargues Gold Mine	Persons working on the diamond drill rig platform.
Aurelia Metals Limited	Hera Mine	Nicolson's contract Komatsu articulated truck is not to be used for construction or mining activity
Young Mining Co Pty Ltd	Thuddungra Mine	No access to the mobile power screen above ground level currently located in the in-pit mining area.
Craig Williams	Pinnacle Mines	Access to walkways and ladderways or the use of Liebherr 974 'Litronic' excavator until the repair directions have been carried out to the satisfaction of competent (qualified) mechanical tradesperson.
Tony Webb	MC60303	Persons being lifted or lowered in the metal structure/cage attachment for the hoisting system to access and egress the mine.
Tony Webb	MC60303	Persons riding the materials hoist (i.e. materials bucket) to access and egress the mine.
Maules Creek Pty Ltd	Maules Creek Mine	The firing of blast holes where workers are located within a 1000m exclusion zone of the blast.
TOTAL		11

Safety mining authorisation activities

Exemption applications

In January 2021, we granted two applications and refused one application requesting exemption from specific provisions of the Work Health and Safety (Mines and Petroleum Sites) Regulation 2014*.

TABLE 4. EXEMPTION APPLICATIONS GRANTED AND REFUSED - JANUARY 2021

MINE	REGULATION PROVISIONS EXEMPTED*	STATUS
Ulan West Operations	Clause 80 (3)b)	Granted

MINE	REGULATION PROVISIONS EXEMPTED*	STATUS
	(3) A cable may be used in a hazardous zone where the concentration of methane in the general body of the air is less than 1.25% by volume only if the cable— (b) is a cable (other than a reeling or trailing cable) that conforms with Australian and New Zealand Standard AS/NZS 1972:2006 Electric cables—Underground coal mines—Other than reeling and trailing.	
Dendrobium Colliery	Clause 96(1) Emergency exits - The mine operator of an underground mine must ensure that all parts of the mine have at least 2 exits to the surface that are trafficable by persons and that comply with subclauses (2) and (3).	Granted
Appin Colliery	Clause 177 Registration of plant designs and items of plant	Refused
TOTAL		3

High risk activities notifications

TABLE 5. HIGH RISK ACTIVITY NOTIFICATIONS RECEIVED – JANUARY 2021

MINE	LEGISLATION*	TYPE OF NOTIFICATION	NO.
Wilpinjong Coal Mine	Schedule 3 clause 2	Electrical work on energised electrical equipment	1
Narrabri Colliery	Schedule 3 clause 8	Single entry development of a roadway or drift for more than 250 metres without an intersection	1
Narrabri Colliery	Schedule 3 clause 8	Single entry development of a roadway or drift for more than 250 metres without an intersection	1
Peak Gold Mine	Schedule 3 clause 35	The establishment, operation, alteration or decommissioning of a tailings storage facility	1
Appin Colliery	Schedule 3 clause 16(1)(a)	secondary extraction by longwall mining, shortwall mining or miniwall mining	1
Tahmoor Colliery	Schedule 3 clause 15	The formation of a pillar other than a conforming pillar	1
Appin Colliery	Schedule 3 clause 15	The formation of a pillar other than a conforming pillar	1

MINE	LEGISLATION*	TYPE OF NOTIFICATION	NO.
Bloomfield Mine	Schedule 3 clause 35	The establishment, operation, alteration or decommissioning of a tailings storage facility	1
Clarence Colliery	Schedule 3 clause 7(2)(b)	Working in inrush control zone - potential source of inrush cannot be inspected	1
TOTAL			9

*Work Health and Safety (Mines and Petroleum Sites) Regulation 2014

Mining Act 1992 regulatory activities

Compliance activities

Statutory notices

In January 2021, one notice of direction was issued under section 240 of the *Mining Act 1992*.

TABLE 6. NOTICES OF DIRECTIONS ISSUED DETAILS - JANUARY 2021

ISSUED TO	LOCATION	SECTION 240 OF THE <i>MINING ACT 1992</i> DIRECTION
Title holders	ML 1558 (1992)	<ol style="list-style-type: none"> 1. Rehabilitate all areas of disturbance in accordance with Condition 2 of former Mining Lease 1558 (ML1558). Note: All rehabilitation works are to be carried out in accordance with the Rehabilitation Objectives and Completion Criteria outlined in the Mining Operations Plan dated 15 November 2016. 2. Submit a Final Rehabilitation Report and Form ESF2 Rehabilitation Completion and/or Review of Rehabilitation Cost Estimate (Reports) which demonstrate that rehabilitation has been completed.
TOTAL		1

Key enforcement actions

TABLE 7. MINING ACT 1992 KEY ENFORCEMENT ACTIONS – JANUARY 2021

Date	Entity	Authority	Action	Amount	Allegation/Finding
28 Jan	Graymont (NSW) Pty Ltd	ML1394	Penalty notice	\$2,500	Contravention of condition of authority by failing to implement adequate weed controls measures as indicated in the MOP, breach of MOP condition, breach of s.378D
28 Jan	Graymont (NSW) Pty Ltd	ML1394	Penalty notice	\$2,500	Contravention of condition of authority by failing to implement appropriate responses to erosion events in accordance with the MOP, breach of MOP condition, breach of s.378D
TOTAL					2

Industry engagement activities

Our Industry engagement activities for January 2021 are outlined below.

Committees and other industry body involvement

In January 2021, we participated in the following committees and working groups.

TABLE 8. COMMITTEES AND OTHER INDUSTRY BODY INVOLVEMENT – JANUARY 2021

DATE	COMMITTEE/BODY	DETAIL
27 Jan	Committee meeting	ME-063 Earthmoving Equipment Australian Standard Committee meeting
TOTAL		1

External education and engagement activities

TABLE 9. WORKSHOPS AND INFORMATION SESSIONS - JANUARY 2021

DATE	TYPE OF ACTIVITY	LOCATION	NUMBER OF ATTENDEES	DETAILS
29 Jan	Industry meeting	Online	7	Meeting with the NSW Minerals Council about Operational Rehabilitation Reforms.
29 Jan	Industry meeting	Online	6	Meeting with Association of Mining and Exploration Companies (AMEC) about Operational Rehabilitation Reforms.
TOTAL				3

Publication and alerts

TABLE 10. MEDIA RELEASES, SAFETY BULLETINS AND PUBLICATIONS – JANUARY 2021

DATE	TYPE	SUMMARY
4 Jan	News item	Worker pinned by falling loader cab
4 Jan	IIR	Worker pinned by falling loader cab
12 Jan	Enforceable Undertaking	Notice of variation to WHS undertaking - Sibelco Australia Limited
12 Jan	Meeting Minutes	MSAC Meeting minutes - 3 September 2020
14 Jan	Webpage	Updates to webpage: Notifications to SafeWork NSW
15 Jan	Webpage	Updates to Prosecution summaries table
15 Jan	Webpage	Updates to Recognition of qualifications page
15 Jan	Newsletter	Weekly incident summary week ending 8 January 2021

DATE	TYPE	SUMMARY
20 Jan	News item	November 2020 monthly business activities report published
20 Jan	Report	November 2020 monthly business activities report
21 Jan	Newsletter	Mine Safety News
21 Jan	News item	Commencement of new exposure standards for coal dust and diesel particulate matter
22 Jan	Newsletter	Weekly incident summary week ending 15 January 2021
25 Jan	Fact sheet	Mutual recognition of statutory functions - Fact Sheet
27 Jan	Safety Alert	SA21-01 Elevated work box falls from integrated tool carrier
28 Jan	Guide	Guidance note: Landform establishment TAP
28 Jan	Fact Sheet	Q&A Landform evolution modelling and geomorphic design principles for mine rehab landforms
28 Jan	Report	Consolidated report: Fire or explosion: electrical – Surface coal
29 Jan	Newsletter	Weekly incident summary week ending 22 January 2021
TOTAL		19