



**NSW
Resources
Regulator**

MONTHLY BUSINESS ACTIVITIES REPORT

September 2020



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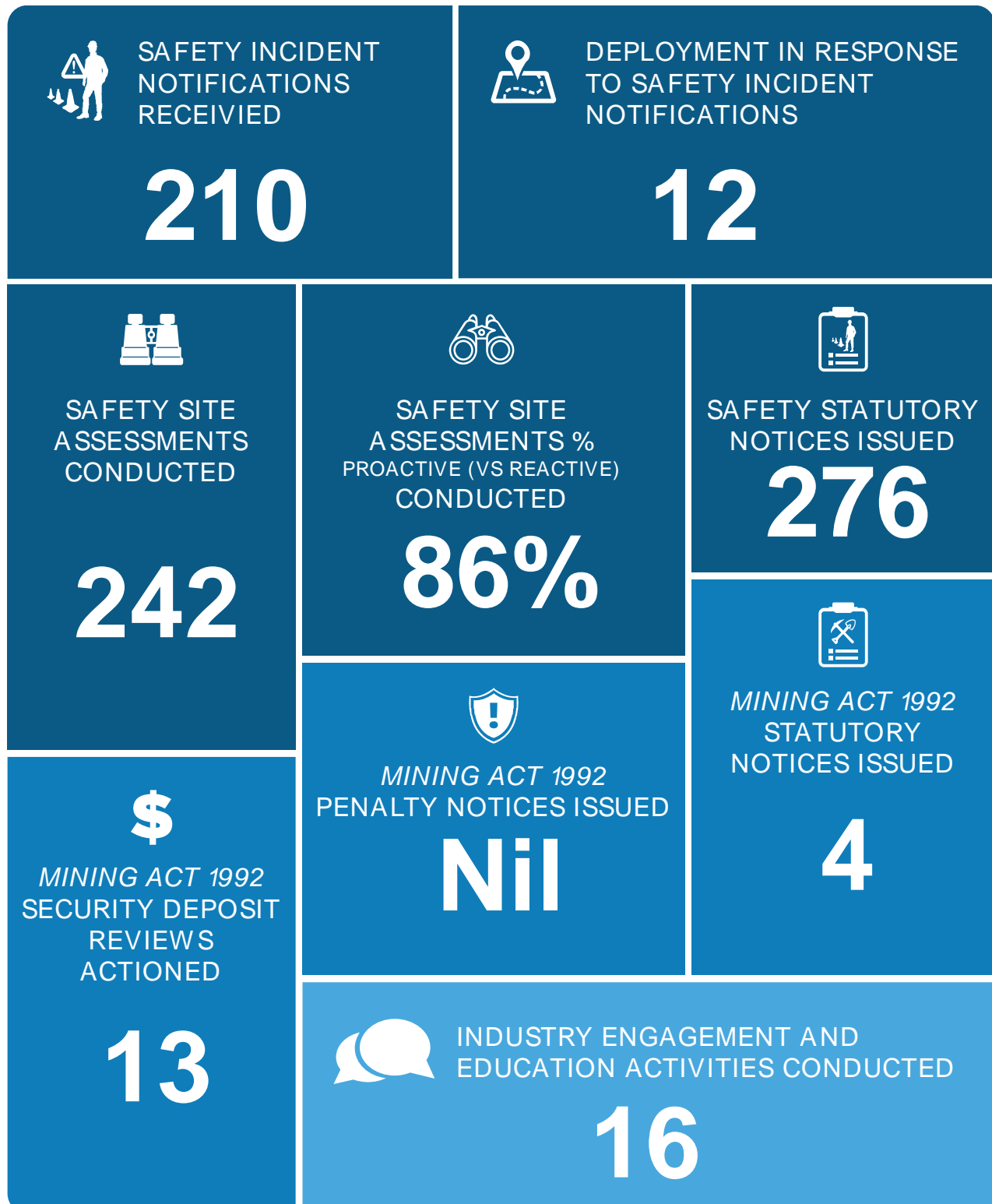
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Activities at a glance

Summary of our regulatory activities in September 2020



Key enforcement actions

Mining exploration companies [AU Exploration Pty Ltd and NBH Resources Pty Ltd](#) were convicted and fined a total of \$9,000 in Broken Hill Local Court on 11 September 2020 in relation to unauthorised exploration drilling on two adjoining properties under EL8296 and EL8533. The court also ordered the companies to pay the prosecutor's costs of \$6,500.

The NSW Resources Regulator commenced prosecution [proceedings](#) against blasting services contractor Hamiltons Blasting Services Pty Limited, shotfirer David Hamilton, mine operator Burgess Earthmoving Pty Limited and its director Russell Burgess in relation to a blasting incident which occurred to a blasting incident at Albury Quarry on 10 April 2018.

Safety incidents of note



Electricians working at an underground metalliferous mine were installing a high-tension cable from an integrated tool carrier basket. A rope connected from the end of the cable was tied to the mid rail of the basket. As the integrated tool carrier trammed to pull the cable, tension in the rope overloaded the mid rail of the basket, causing it to fail. The rail hit an electrician on the torso.

Industry needs to be aware if workers deviate from standard procedures for a task, the work must be managed through a change management process. If no procedures have been developed for the task, then the task should not be undertaken until an appropriate risk assessment has been carried out. The force applied when pulling material needs to be known so that fit-for-purpose equipment can be used. Lifting or pulling equipment should only be used in accordance with manufacturer's instructions and for the intended purpose.

Work Health and Safety activities

Safety incident notifications

FIGURE 1. SAFETY INCIDENT NOTIFICATIONS RECEIVED BY SECTOR - SEPTEMBER 2019 TO SEPTEMBER 2020

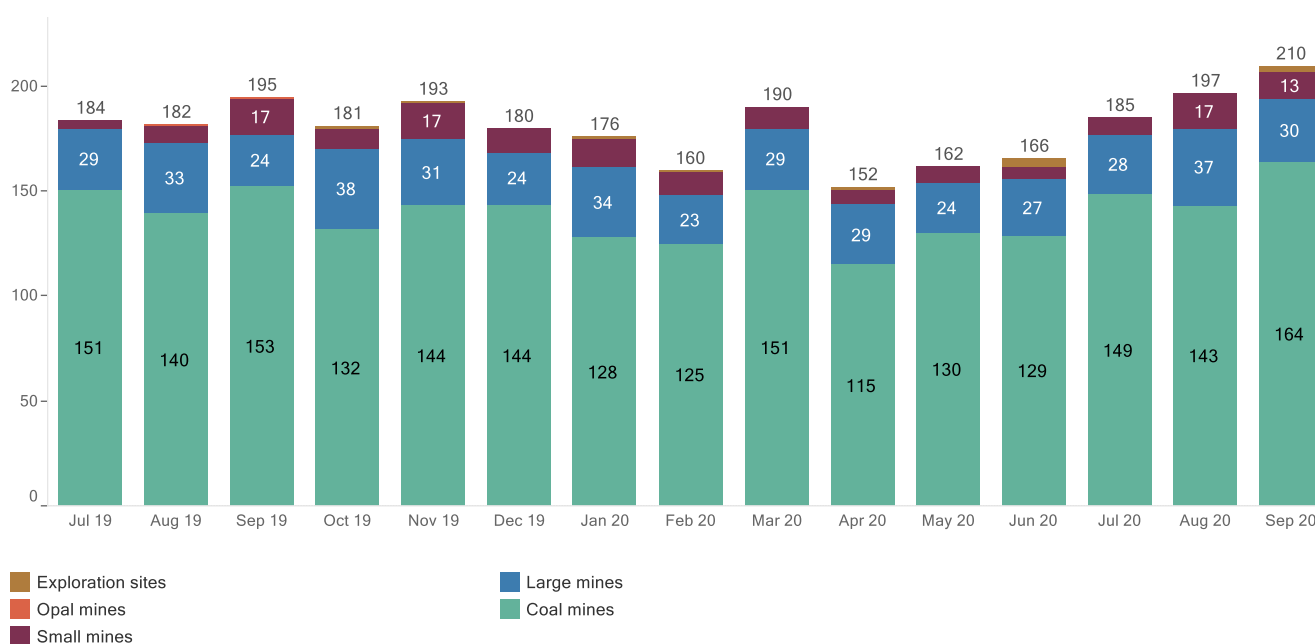


TABLE 1. DETAILS OF SAFETY INCIDENTS WHERE INSPECTORS WERE DEPLOYED - SEPTEMBER 2020

| DATE NOTIFIED | REPORTING SECTOR | PRINCIPAL MINING HAZARD | INCIDENT |
|---------------|--|-------------------------|---|
| 1 Sep | Large mines Metalliferous and Quarries | N/A | Electricians working underground were installing a high-tension cable from an integrated tool carrier basket. A rope connected from the end of the cable was tied to the mid rail of the basket. As the integrated tool carrier trammed to pull the cable, tension in the rope has overloaded the mid rail of the basket, causing it to fail. The rail hit an electrician on the torso. |
| 2 Sep | Small mines Metalliferous, Quarries and Other Gemstones | Fire or explosion | A control room operator saw a fire in the crusher house through the closed-circuit television. The operator entered the crusher house to try to extinguish the fire. A short time later, a loader operator saw the control room operator leave the crusher house and collapse. |

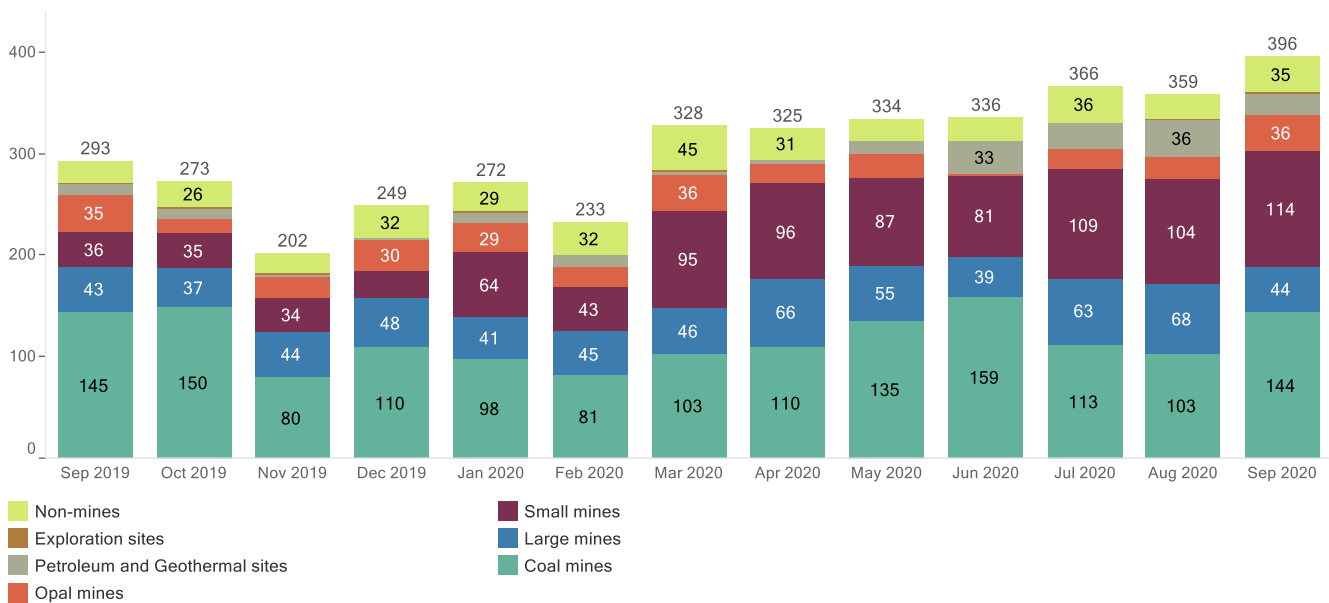
| DATE NOTIFIED | REPORTING SECTOR | PRINCIPAL MINING HAZARD | INCIDENT |
|---------------|--|--|---|
| 3 Sep | Coal mines | N/A | While positioning the continuous miner to install rib support as part of the normal production sequence, a section of rib failed falling onto the bolting platform on the continuous miner. An operator who was positioned adjacent to where the rib failed incurred a minor arm graze from a piece of the slab that broke up on the platform. |
| 4 Sep | Large mines – Metalliferous and Quarries | Ground or strata | A jumbo operator and a nipper were working on a stope that had previously been rock filled when they noticed the floor starting to slump. The floor slumped about three metres. |
| 13 Sep | Exploration sites (excluding Petroleum and Geothermal) | N/A | A drill rod fell on an offsider's hand. |
| 14 Sep | Large mines – Metalliferous and Quarries | N/A | A jumbo offsider sustained a serious crush injury to their foot when it was caught beneath a stabilising jack that was being lowered. The offsider was preparing to plug a pump cable into a cable receptacle on the jumbo while the stabilising jacks were being lowered. |
| 14 Sep | Large mines – Metalliferous and Quarries | Persons exposed to energised plant | A worker showering in the amenities building received an electric shock when operating the water tap. Initial investigation shows that the inadvertent repowering of a redundant hot water tank and the ineffective earth bonding of the plumbing and drainage pipework exposed the worker to a potential difference between the tap and the shower floor. |
| 14 Sep | Large mines – Metalliferous and Quarries | Airborne dust or other airborne contaminants | The detection of an atmospheric concentration of crystalline silica that exceeds the exposure standard specified in the Workplace Exposure Standards for Airborne Contaminants (currently 0.05 milligrams per cubic metre of air for NSW workplaces). |
| 14 Sep | Coal Mines | N/A | An electrical tradesman's head was caught between a lift cylinder and the body of a haul truck. The tradesman was disconnecting an earth strap adjacent. The tray of the truck had been removed and the lift cylinder was chained to a lug. As the tradesman reached to disconnect the earth strap, the lift cylinder pivoted and pinned the tradesman against the truck. |
| 15 Sep | Large mines – Metalliferous and Quarries | N/A | A diamond drilling offsider was exhibiting signs of heat stress. |

| DATE NOTIFIED | REPORTING SECTOR | PRINCIPAL MINING HAZARD | INCIDENT |
|---------------|------------------|--|--|
| 17 Sep | Coal mines | Roads or other vehicle operating areas | A dozer tipped over when the operator drove the left-side track partially up a pile of side casted material. The dozer became unbalanced and slowly tipped onto its right-side track. The operator was able to exit the dozer and was uninjured. |
| 23 Sep | Coal mines | Roads or other vehicle operating areas | A dump truck reversed onto the North Pit dump. The dump face failed under the rear axle as the load was tipped. The operator has been safely removed from the truck. |
| TOTAL | | | 12 |

Safety assessments

Safety assessments commenced

FIGURE 2. SAFETY ASSESSMENTS COMMENCED BY SECTOR – SEPTEMBER 2019 TO SEPTEMBER 2020



Proactive and reactive safety assessments

Proactive assessments include targeted assessments and planned inspections. Assessments conducted in response to incident notifications, targeted interventions, high risk activity notifications and action requests are reported as reactive assessments.

In September 2020, 56% of all site and desktop safety assessments were proactive. Of the 242 site assessments conducted, 86% were proactive.

FIGURE 3. SAFETY ASSESSMENTS COMMENCED BY CATEGORY AND NATURE – SEPTEMBER 2019 TO SEPTEMBER 2020

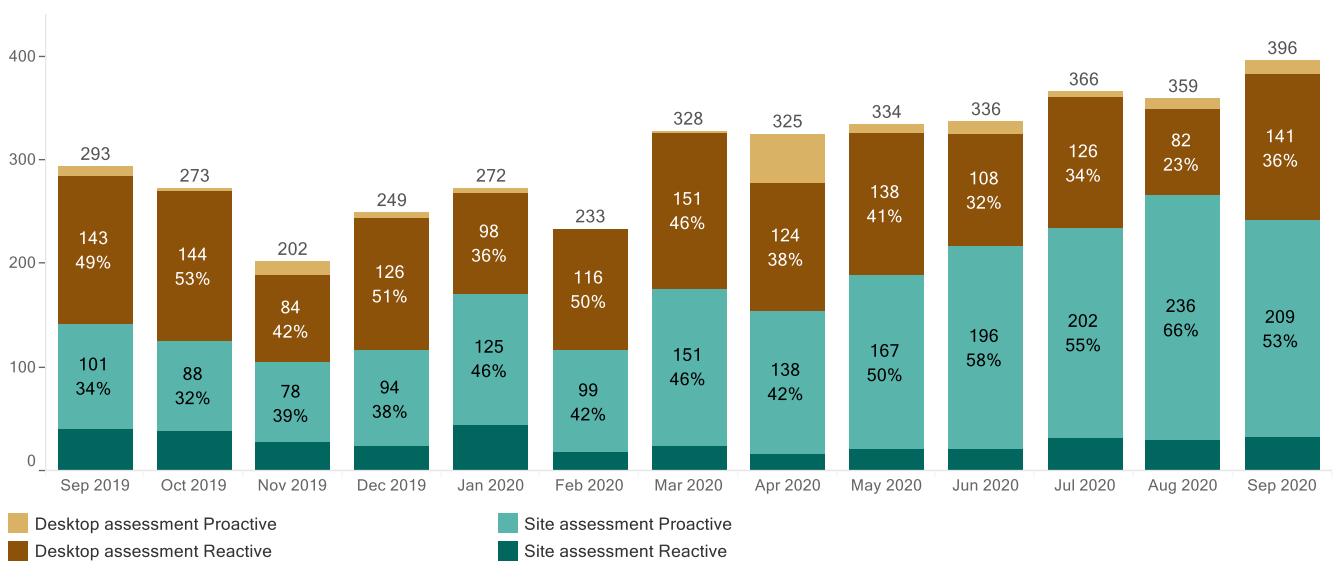
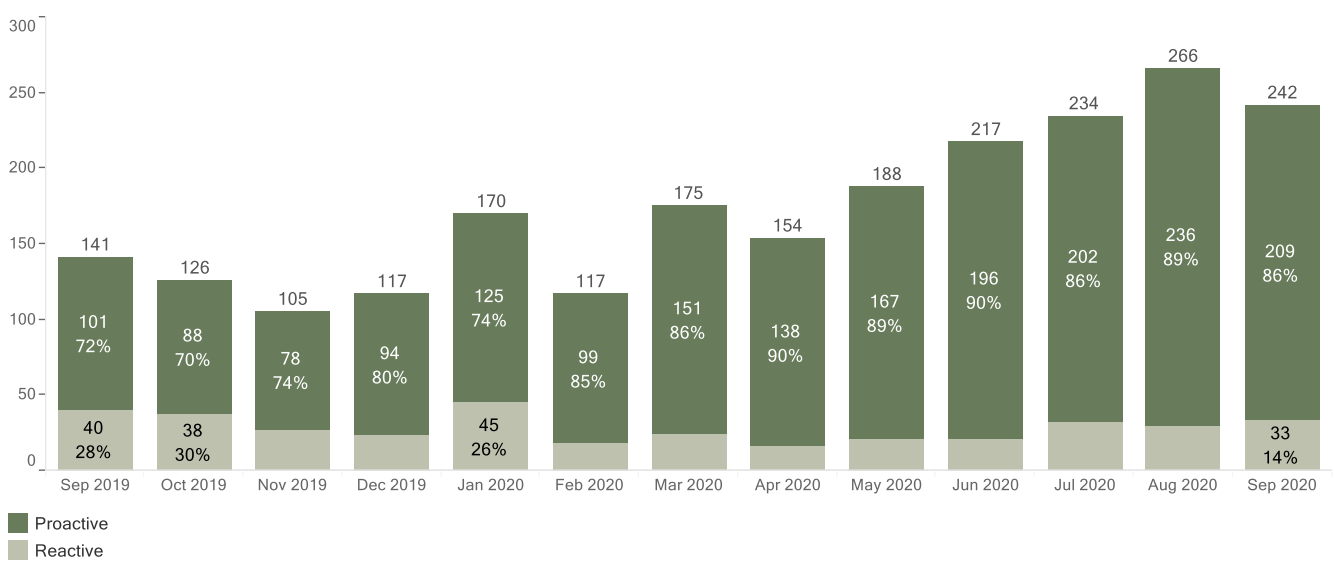


FIGURE 4. SAFETY SITE ASSESSMENTS COMMENCED BY NATURE – SEPTEMBER 2019 TO SEPTEMBER 2020



Safety site targeted assessment program

FIGURE 5. SAFETY SITE TARGETED ASSESSMENTS COMMENCED – SEPTEMBER 2019 TO SEPTEMBER 2020

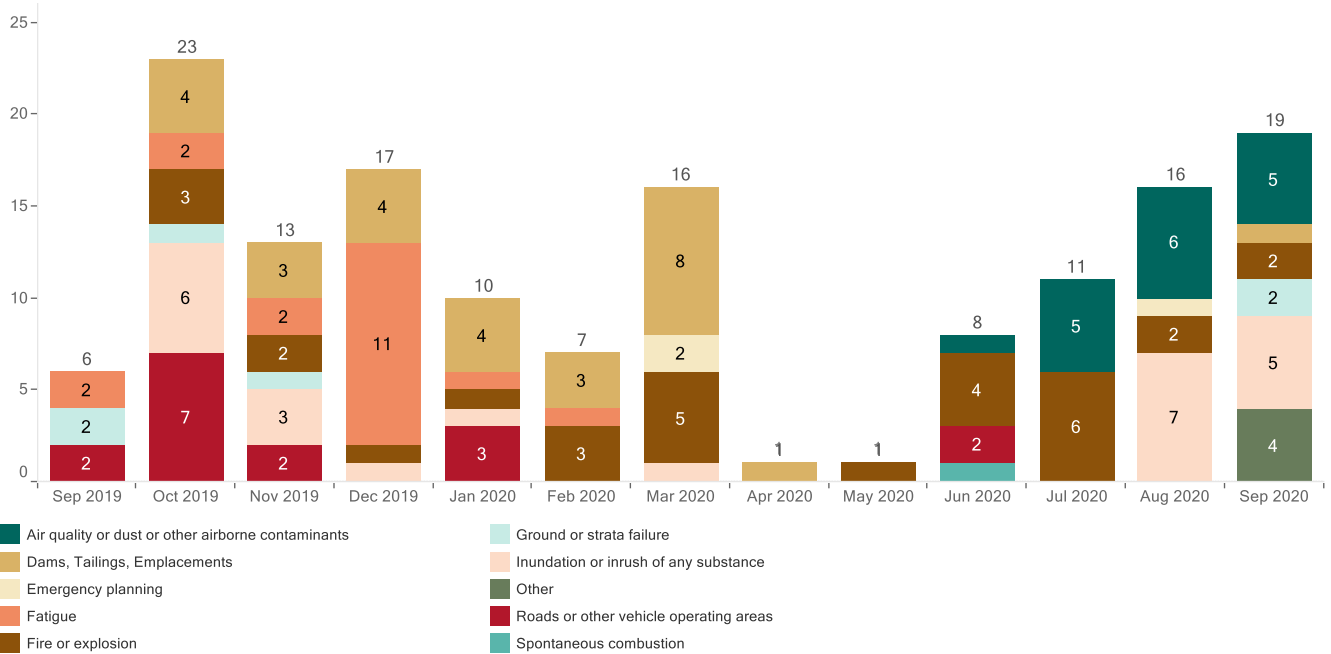


TABLE 2. DETAILS OF TARGETED SAFETY SITE ASSESSMENTS – SEPTEMBER 2020

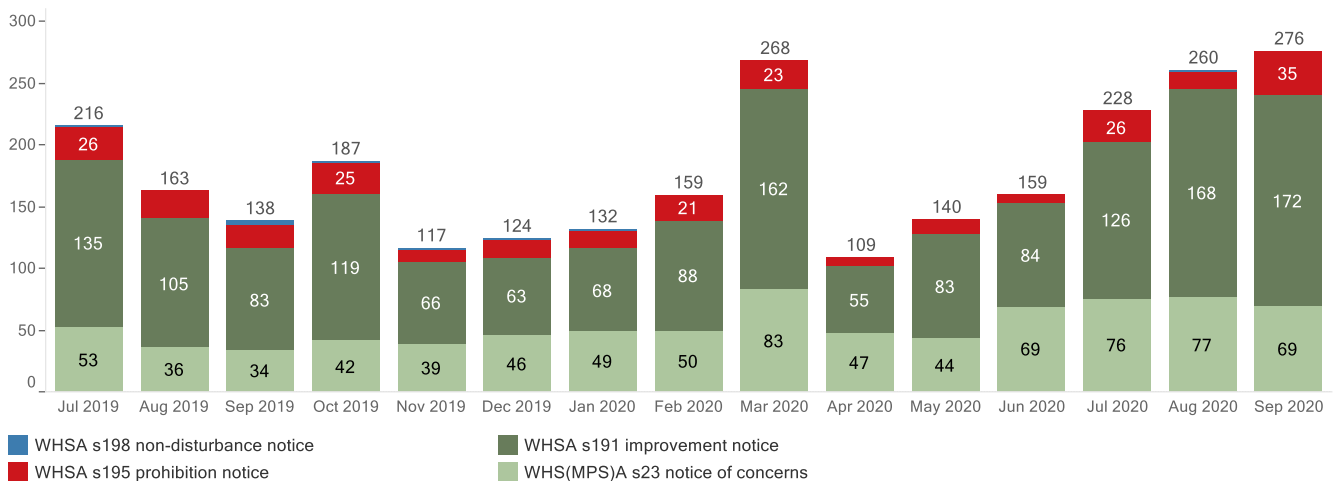
| HAZARD | SECTOR | MINE |
|------------------------------|--------------------------------|---|
| Dams, tailings, emplacements | Coal mines | Bulga Surface Operations |
| Fire or explosion | Coal mines | Wilpinjong Coal Mine |
| | | Tahmoor Colliery |
| Ground or strata failure | Coal mines | Bengalla Mine |
| | | Mt Arthur North (incl. CHPP) |
| Other | Petroleum and Geothermal sites | Camden Gas Project - PPL 1, 2, 3, 4, 5, 6 |
| | | Narrabri Gas Project |
| | | Camden Gas Project - PPL 1, 2, 3, 4, 5, 6 |
| | | Narrabri Gas Project |

| HAZARD | SECTOR | MINE |
|--|-------------|---------------------------|
| Inundation or inrush of any substance | Large mines | Hera Mine |
| | | Murrawombie Copper Mine |
| | | Tritton Copper Mine |
| | | Woodlawn Mine S(C&PL)L 20 |
| | | Hillgrove Mines |
| Air quality or dust or other airborne contaminants | Coal mines | Appin Colliery |
| | | Dendrobium Colliery |
| | | Integra Underground |
| | | Metropolitan Colliery |
| | | North Wambo Underground |
| | | |
| TOTAL | | 19 |

Safety compliance activities

Safety notices issued

FIGURE 6. SAFETY NOTICES ISSUED BY NOTICE TYPE - SEPTEMBER 2019 TO SEPTEMBER 2020



Prohibition notices issued

In September 2020, 35 prohibition notices were issued under section 195 of the *Work Health and Safety Act 2011*.

TABLE 3. PROHIBITION NOTICES ISSUED - SEPTEMBER 2020

| ISSUED TO PCBU* | MINE LOCATION | PROHIBITED ACTIVITY |
|-------------------------------------|--------------------------------|---|
| Newcrest Mining Limited | Cadia East UG | Use of the handrails of the Integrated Tool Carrier (IT) basket as an attachment point. |
| Ceal Limited T/A Multiquip Quarries | Ardmore Park | This notice relates to a Komatsu articulated dump truck on site and requires the mine operator to: 1. No person to proceed beyond the door of the identified articulated dump truck (driver's side), unless it is to enter cabin. 2. No person to use the ladder or truck platform on the identified articulated dump trucks (opposite side of cabin) to proceed up for any task. |
| Ceal Limited T/A Multiquip Quarries | Ardmore Park | This notice relates to the two articulated dump trucks on site and requires the mine operator to: 1. No person to proceed beyond the door of the identified articulated dump trucks (driver's side), unless it is to enter cabin. 2. No person to use the ladder or truck platform on the identified articulated dump trucks (opposite side of cabin) to proceed up for any task. |
| Newcrest Mining Limited | Cadia East UG | Use of the designated fall arrest/fall restraint attachment points in the Integrated tool carrier basket for attaching lifting or pulling loads. |
| Newcrest Mining Limited | Cadia East UG | The use of the integrated tool carrier basket as an elevated work platform simultaneously while towing or pulling loads. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 19. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 18. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 17. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 16. |

| ISSUED TO PCBU* | MINE LOCATION | PROHIBITED ACTIVITY |
|--------------------------------------|--------------------------------|---|
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 15. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access into the reclaim tunnel. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 1. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 14. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 13. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 10. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 9. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 5. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath the surge bin. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath conveyor 3. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath screen 2. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath the train load out bin screen support structure. |
| Buttai Gravel Pty Ltd | Martins Creek Quarry (Daracon) | Access onto and underneath screen 3. |
| AGL Upstream Investments Pty Limited | PPL0004 Mt Taurus 3 | Operation of the ICI hydraulic power skid. |
| AGL Upstream Investments Pty Limited | PPL0004 Menangle Park 16 | Operation of the Ferguson Beauregard plunger lift controller. |
| Brian Mckeesick | MC60879 | Persons riding the materials hoist (i.e. materials bucket) to access and egress the mine. |

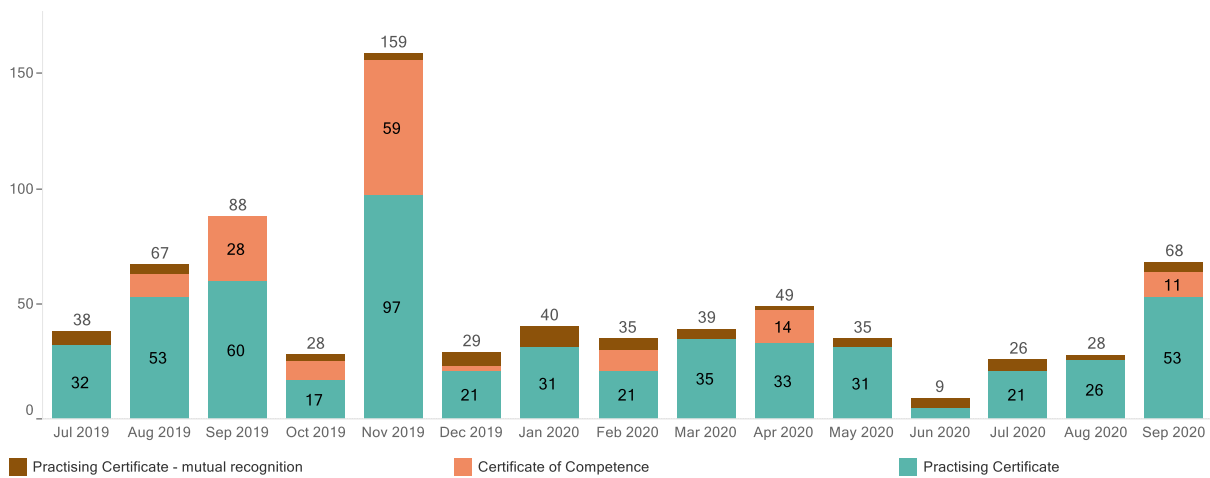
| ISSUED TO PCBU* | MINE LOCATION | PROHIBITED ACTIVITY |
|---------------------------------|------------------------------------|--|
| Mineral Hill Pty Ltd | Mineral Hill Mine | Placing tailings into the Mineral Hill tailings dam without principal hazard management plans in place. |
| Bloomfield Collieries Pty Ltd | Bloomfield Mine | Storage of explosives precursors into the silos called "BIN" in the Licence to Store XSTR100170. |
| Aurum Metals Pty Ltd | Cullarin EL 7954 | Use of welded drive subs in the operation. |
| Boral Cement Limited | Marulan South Limestone Mine | Access to the amenities block wet areas and application of electrical power to the hot water systems. |
| Cobar Management Pty Ltd | CSA Mine | Use of Sandvik enclosed operator cabin development drilling rigs at the mine. |
| Pybar Mining Services Pty Ltd | Dargues Gold Mine | Operation of large mobile diesel engine equipment on the 115, 127, 140 and 165 levels e.g. loaders, trucks and ITs. |
| Alkane Resources Ltd | EL 5675 Tomingley | No person is to enter the exclusion zone established around the strike drilling drill rig that made contact with the energised 22,000 volt overhead power lines. |
| Dendrobium Coal Pty Ltd | Dendrobium Colliery | Use and operation of the KEMPER ventilation extraction system currently installed in the designated hot work area of the surface workshop. |
| Coal & Allied (NSW) Pty Limited | Mount Thorley Warkworth Operations | Recovery of dump truck 403 from North Pit dump 65 |
| Coal & Allied (NSW) Pty Limited | Mount Thorley Warkworth Operations | Use of North Pit dump once the recovery of haul truck 403 is completed. |
| TOTAL | | 35 |

Safety mining competencies activities

Competence and practising certificates

Safety mining competence activities include certificate of competence (mutual recognition). In September, we granted 53 practising certificates, 11 certificate of competence and four practising certificates for mutual recognition.

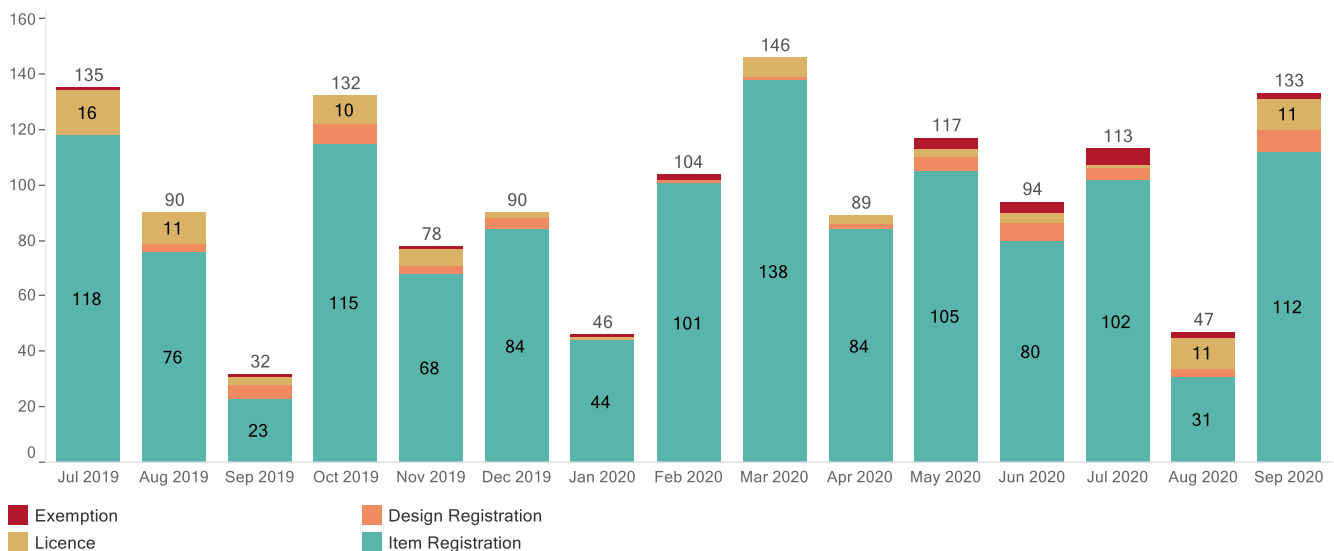
FIGURE 7. COMPETENCE AND PRACTISING CERTIFICATES GRANTED – SEPTEMBER 2019 TO SEPTEMBER 2020



Safety mining authorisation activities

Safety mining authorisations include licence applications to carry out prescribed high-level activities, plant item registrations, design registrations and exemptions. During September, 112 item registrations, 11 licences, eight design registrations and two exemptions were granted.

FIGURE 8. MINING AUTHORISATIONS GRANTED – SEPTEMBER 2019 TO SEPTEMBER 2020



Exemptions

In September 2020, we granted two applications requesting exemption from specific provisions of the Work Health and Safety (Mines and Petroleum Sites) Regulation 2014*.

TABLE 4. EXEMPTION APPLICATIONS GRANTED - SEPTEMBER 2020

| MINE | REGULATION EXEMPTED* | STATUS |
|--|---|----------|
| Springvale Colliery | Clause 80 (3) b) Use of specified cables in a hazardous zone | Granted |
| Moolarben Coal Operations -Underground | Clause 80 (3) b) Use of specified cables in a hazardous zone | Granted |
| TOTAL | | 2 |

High risk activities notifications

FIGURE 9. HIGH RISK ACTIVITY NOTIFICATIONS RECEIVED BY ENGINEERING DISCIPLINE – SEPTEMBER 2019 TO SEPTEMBER 2020

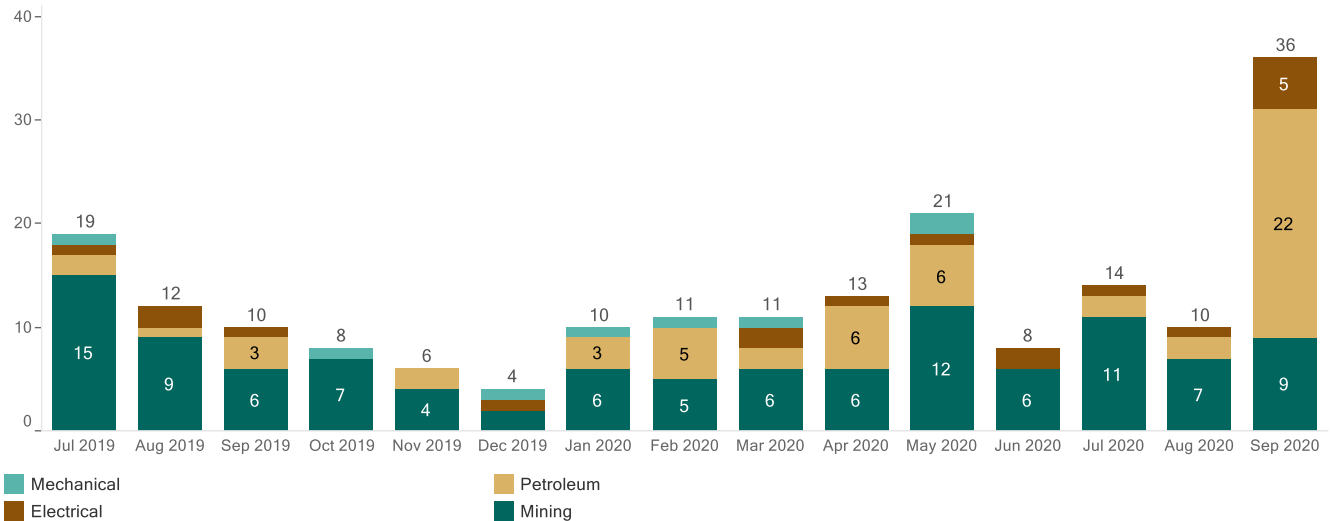


TABLE 5. HIGH RISK ACTIVITY NOTIFICATIONS RECEIVED – SEPTEMBER 2020

| MINE | LEGISLATION* | TYPE OF NOTIFICATION | NO. |
|--|----------------------------|---|-----|
| Tritton Copper Mine | Schedule 3 clause 35 | The establishment, operation, alteration or decommissioning of a tailings storage facility | 1 |
| Appin Colliery | Schedule 3 clause 15 | The formation of a pillar other than a conforming pillar | 1 |
| Charbon Colliery | Schedule 3 clause 27 | The establishment, operation, alteration or decommissioning of an emplacement area | 1 |
| Hillgrove Mines | Schedule 3 clause 35 | The establishment, operation, alteration or decommissioning of a tailings storage facility | 1 |
| Dendrobium Colliery | Schedule 3 clause 8 | Single entry development of a roadway or drift for more than 250 metres without an intersection | 1 |
| Springvale Coal Services Operation / Western Coal Services | Schedule 3 clause 27 | The establishment, operation, alteration or decommissioning of an emplacement area | 1 |
| Tritton Copper Mine | Schedule 3 clause 2 | Electrical work on energised electrical equipment | 1 |
| Tahmoor Colliery | Schedule 3 clause 16(1)(a) | secondary extraction by longwall mining, shortwall mining or miniwall mining | 1 |

| MINE | LEGISLATION* | TYPE OF NOTIFICATION | NO. |
|-------------------------|----------------------|--|-----|
| PEL0238 Wilga Park 3 | Schedule 3 clause 33 | Suspending a well | 1 |
| PEL0238 Brigalow Park 1 | Schedule 3 clause 33 | Suspending a well | 1 |
| PAL0002 Bibblewindi 26H | Schedule 3 clause 33 | Suspending a well | 1 |
| PAL0002 Bibblewindi 20 | Schedule 3 clause 33 | Suspending a well | 1 |
| PEL0238 Bibblewindi 3 | Schedule 3 clause 33 | Suspending a well | 1 |
| PEL0238 Bibblewindi 4 | Schedule 3 clause 33 | Suspending a well | 1 |
| PEL0238 Bibblewindi 8 | Schedule 3 clause 33 | Suspending a well | 1 |
| PEL0238 Bibblewindi 9 | Schedule 3 clause 33 | Suspending a well | 1 |
| PEL0238 Bibblewindi 10 | Schedule 3 clause 33 | Suspending a well | 1 |
| PEL0238 Bibblewindi 5 | Schedule 3 clause 33 | Suspending a well | 1 |
| PEL0238 Bibblewindi 7 | Schedule 3 clause 33 | Suspending a well | 1 |
| PAL0002 Bibblewindi 22 | Schedule 3 clause 31 | Well workover | 1 |
| PEL0238 Bohena South 1 | Schedule 3 clause 33 | Suspending a well | 1 |
| Ulan West Operations | Schedule 3 clause 10 | Sealing (other than emergency sealing), but only if notice has not been given as part of a notice for secondary extraction | 1 |
| PAL0002 Bibblewindi 23 | Schedule 3 clause 31 | Well workover | 1 |
| PAL0002 Bibblewindi 24 | Schedule 3 clause 31 | Well workover | 1 |
| Appin Colliery | Schedule 3 clause 15 | The formation of a pillar other than a conforming pillar | 1 |
| PAL0002 Bibblewindi 25 | Schedule 3 clause 31 | Well workover | 1 |
| PAL0002 Bibblewindi 15 | Schedule 3 clause 31 | Well workover | 1 |
| PAL0002 Bibblewindi 16 | Schedule 3 clause 31 | Well workover | 1 |
| PAL0002 Bibblewindi 17 | Schedule 3 clause 31 | Well workover | 1 |

| MINE | LEGISLATION* | TYPE OF NOTIFICATION | NO. |
|--|----------------------|---|-----------|
| Hunter Valley Operations Howick DCP | Schedule 3 clause 27 | The establishment, operation, alteration or decommissioning of an emplacement area | 1 |
| PAL0002 Bibblewindi 12 | Schedule 3 clause 31 | Well workover | 1 |
| PAL0002 Bibblewindi 13 | Schedule 3 clause 31 | Well workover | 1 |
| Tahmoor Colliery | Schedule 3 clause 15 | The formation of a pillar other than a conforming pillar | 1 |
| PPL0004 Wandinong 3 | Schedule 3 clause 32 | Decommissioning a well | 1 |
| Tomingley Gold Mine | Schedule 3 clause 4 | Development of a new mine entry (including by sinking a shaft or drift or raise boring) | 1 |
| Wambo Open Cut Coal Mine | Schedule 3 clause 27 | The establishment, operation, alteration or decommissioning of an emplacement area | 1 |
| TOTAL | | | 36 |

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

Mining Act regulatory activities

Mining Act assessments

Proactive and reactive assessments

We undertake both proactive and reactive site assessments. Proactive site assessments include planned inspections, compliance inspections and regulatory audits. Reactive site assessments include assessments conducted in response to lodgement of mining operation plans, annual reports, security reviews, applications to conduct exploration activities, title dealings and action requests.

FIGURE 10. MINING ACT ASSESSMENTS COMMENCED BY CATEGORY AND NATURE – SEPTEMBER 2019 TO SEPTEMBER 2020

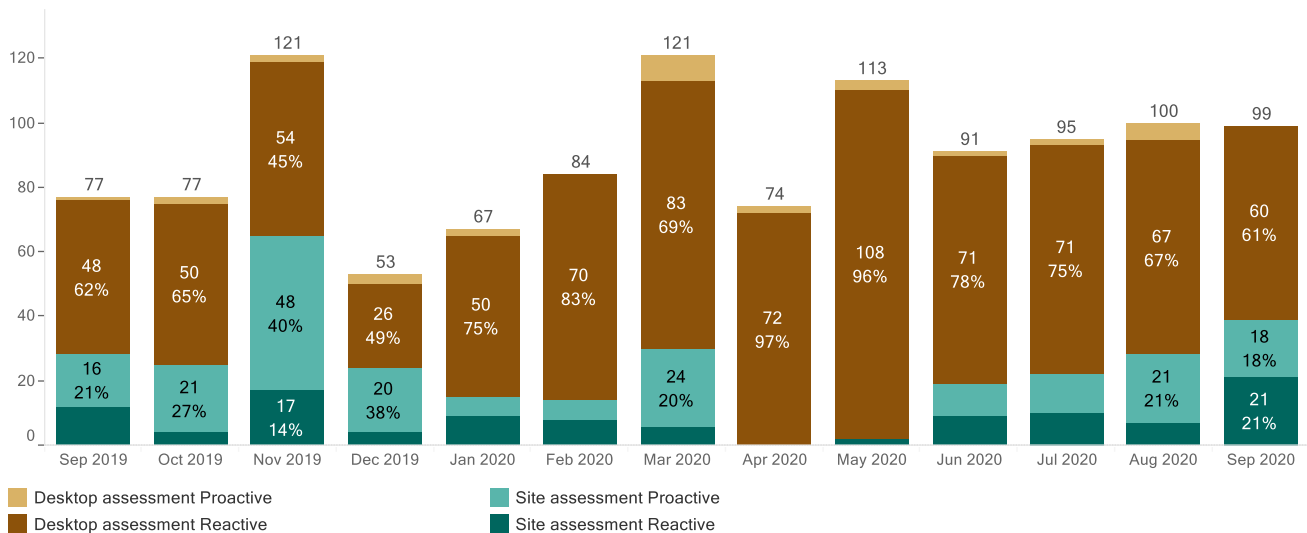
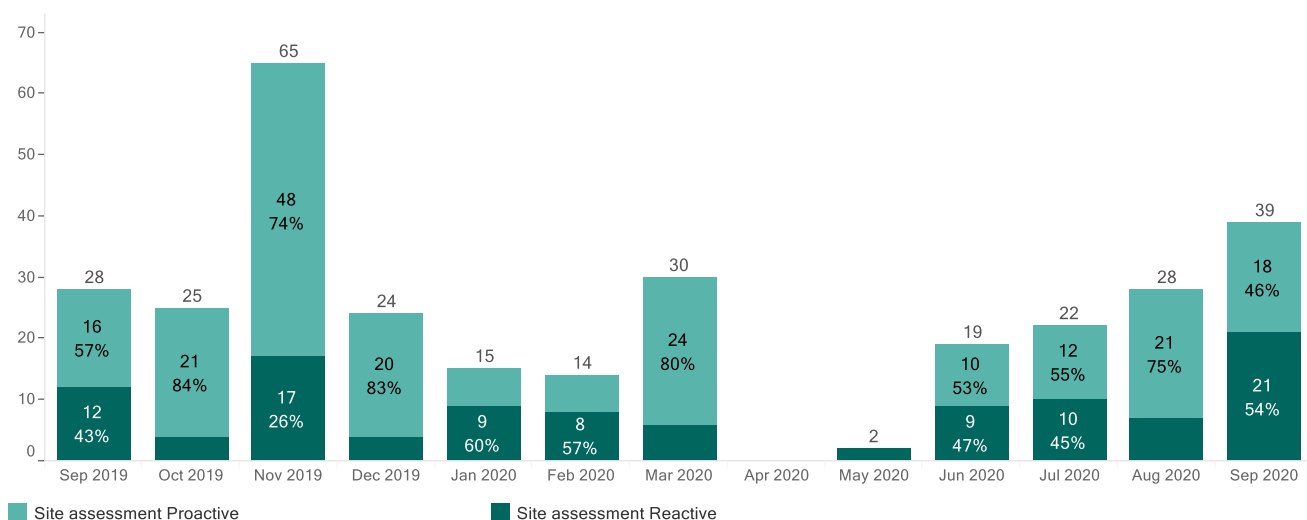


FIGURE 11. MINING ACT SITE ASSESSMENTS COMMENCED BY NATURE – SEPTEMBER 2019 TO SEPTEMBER 2020



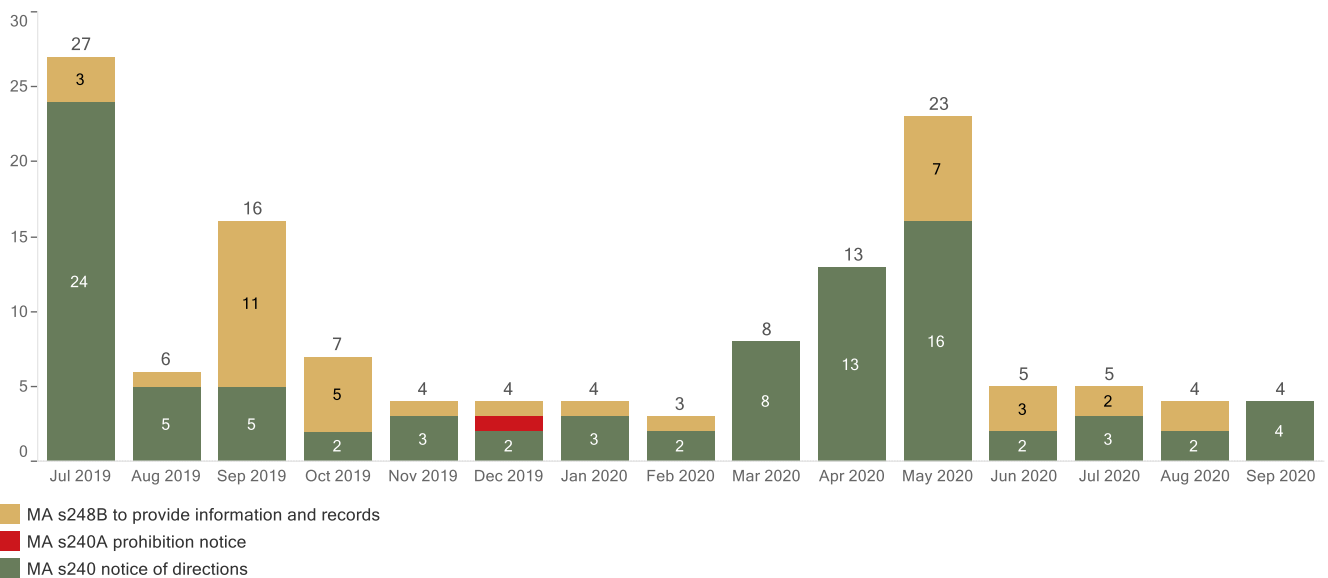
Mining Act compliance activities

Statutory notices

In September 2020, we issued four statutory notices under the *Mining Act 1992*.

FIGURE 12. MINING ACT STATUTORY NOTICES ISSUED BY NOTICE TYPE – SEPTEMBER 2019 TO SEPTEMBER 2020

thanks



In September 2020, four notice of directions were issued under section 240 of the *Mining Act 1992*.

TABLE 6. NOTICES OF DIRECTIONS ISSUED DETAILS - SEPTEMBER 2020

| ISSUED TO | LOCATION | SECTION 240 OF THE <i>MINING ACT 1992</i> DIRECTION |
|-----------------------|--------------------------------------|--|
| Charles Carpenter | MC56529 | Prepare and submit a Mining Operation Plan (MOP) to include any new claims that have been granted associated with the open cut activity, new plans that reflect additional claims and disturbances and due date for the completion of the MOP. |
| Claypave Pty Ltd | Coombell Brickworks ML1240 (1973) | <ol style="list-style-type: none"> 1. Rehabilitate the land at the mine known as Claypave - Coombell Road Cattle Yard located at Lot 1/DP1174724 that is affected by activities under Mining Lease 1240 (Mining Act 1973) (ML1240). 2. Submit a final Rehabilitation Report prepared by a suitably qualified and experienced person providing evidence of rehabilitation work completed in accordance with this direction. |
| Peak Minerals Limited | EL 6996 (1992) | <ol style="list-style-type: none"> 1. Rehabilitate disturbances associated with prospecting activities conducted at South Big Nugget Hill (SBNH) on EL6996 (Act 1992) to a safe and stable state. |

ISSUED TO LOCATION SECTION 240 OF THE *MINING ACT 1992* DIRECTION

2. Submit a Form ESF2 Rehabilitation and/or Review of Rehabilitation Cost Estimate that demonstrates rehabilitation required by Direction 1 has been completed.

| | | |
|--------------------|---------------------|---|
| RTI Mining Pty Ltd | Bald Hill Gold Mine | <ol style="list-style-type: none"> 1. Appoint a suitably qualified independent mine rehabilitation expert to complete a site-based closure risk assessment in accordance with AS NZS ISO 31000:2009, develop associated controls and update the Mining Operation Plan/Rehabilitation Management Plan to include the findings. 2. Document and maintain a materials and soils balance register including management or usage of materials, waste stockpiles, locations etc. Design and implement commitment to test regularly the soil quality of topsoil on specified numbers/locations and parameters to determine the suitability of materials for rehabilitation. Update the Mining Operation Plan/Rehabilitation Management Plan to include the findings. |
|--------------------|---------------------|---|

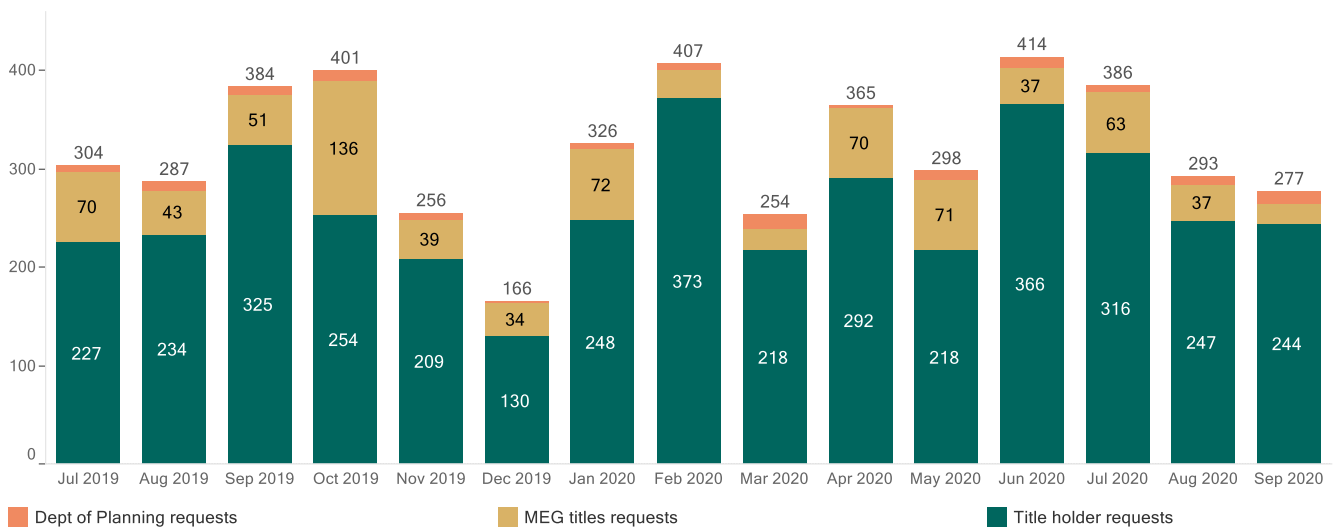
TOTAL

4

Mining Act requests for service

In September 2020, we actioned 277 requests for service. This included 244 requests from titleholders, 21 from Mining, Exploration and Geoscience concerning the administration of mining authorisations and 12 requests from either the NSW Department of Planning or a local consent authority relating to development assessment applications under the *NSW Environmental Planning and Assessment Act 1979*.

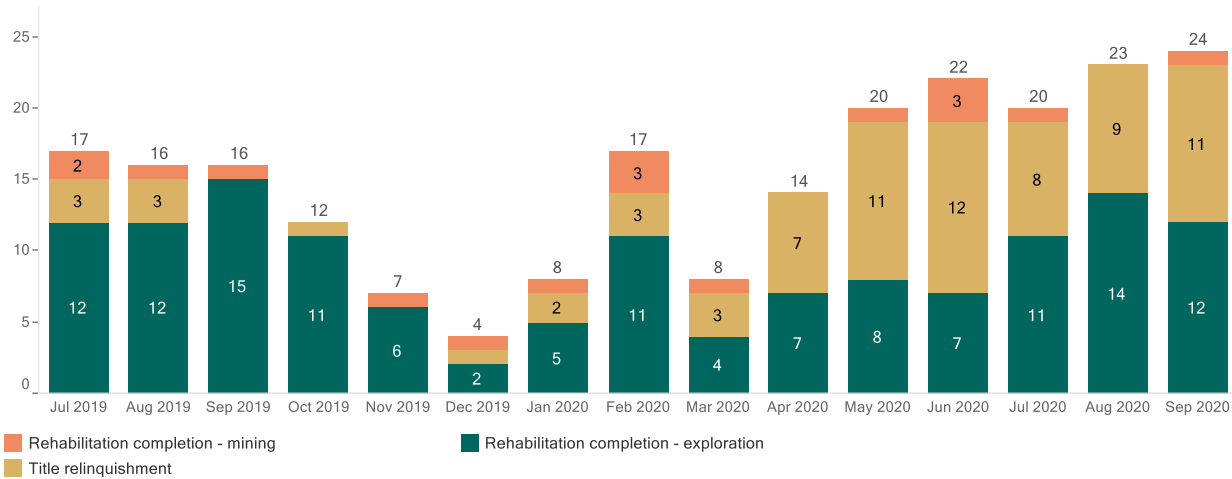
FIGURE 13. REQUESTS FOR SERVICE ACTIONED BY SOURCE – SEPTEMBER 2019 TO SEPTEMBER 2020



Mining Act rehabilitation activities

In September 2020, we actioned 12 exploration, one mining rehabilitation completions and 11 title relinquishments.

FIGURE 14. MINING ACT REHABILITATION ACTIVITIES APPROVED BY CATEGORY – SEPTEMBER 2019 TO SEPTEMBER 2020

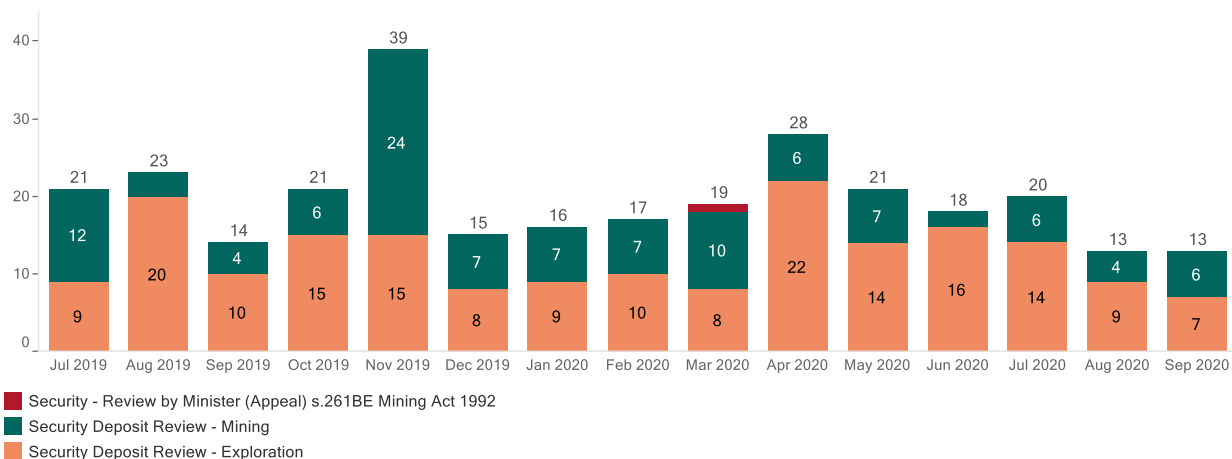


Rehabilitation security deposit review

Our inspectors regularly assess the surface disturbance (or proposed disturbance) of a mine or exploration site to calculate the security deposit. This is known as the assessed deposit. Once the assessed deposit is determined, we advise the Mining, Exploration and Geoscience (part of Regional NSW), who vary the condition of the title and seek the additional funds - or in the case of satisfactory rehabilitation, returns of some or all of the security deposit.

In September 2020, we assessed seven exploration and six mining title security deposits held for rehabilitation

FIGURE 15. REHABILITATION SECURITY DEPOSIT REVIEWS ASSESSED BY CATEGORY - SEPTEMBER 2019 TO SEPTEMBER 2020



Safety legislation and Mining Act compliance concerns and non-compliances

Safety non-compliance breaches

In September 2020, there were no non-compliance breaches sustained under the Work Health and Safety (Mines and Petroleum Sites) legislation.

FIGURE 16. SAFETY NON-COMPLIANCE BREACHES SUSTAINED BY CATEGORY - SEPTEMBER 2019 TO SEPTEMBER 2020

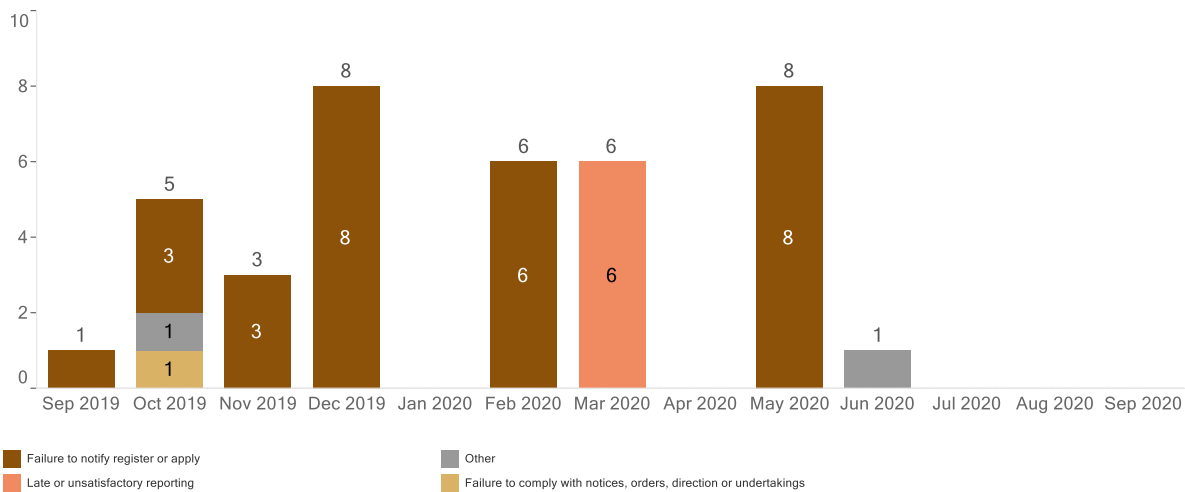
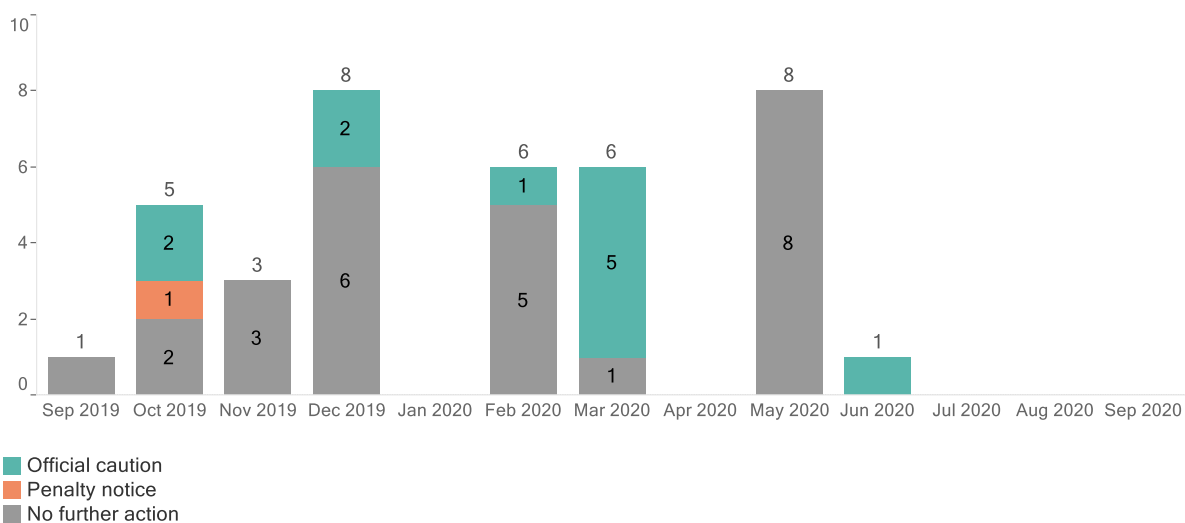


FIGURE 17. SAFETY NON-COMPLIANCE BREACHES SUSTAINED BY REGULATORY RESPONSE - SEPTEMBER 2019 TO SEPTEMBER 2020

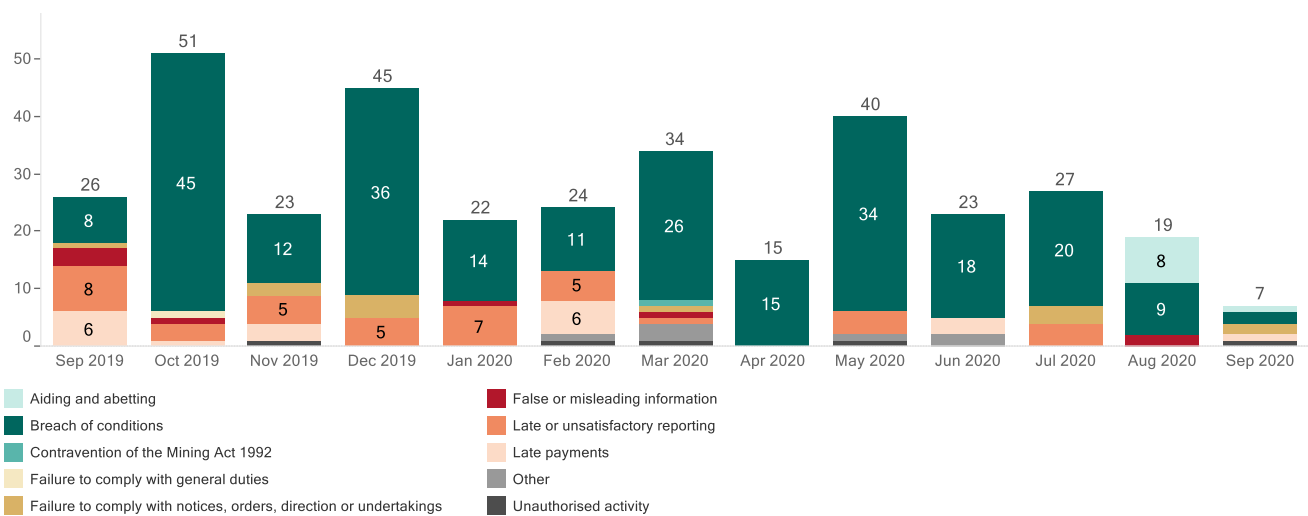


Mining Act non-compliance breaches

Non-compliance breaches by category

In September 2020, there were seven non-compliance breaches sustained under the *Mining Act 1992*. The compliance categories shown in the figure below is non-exhaustive.

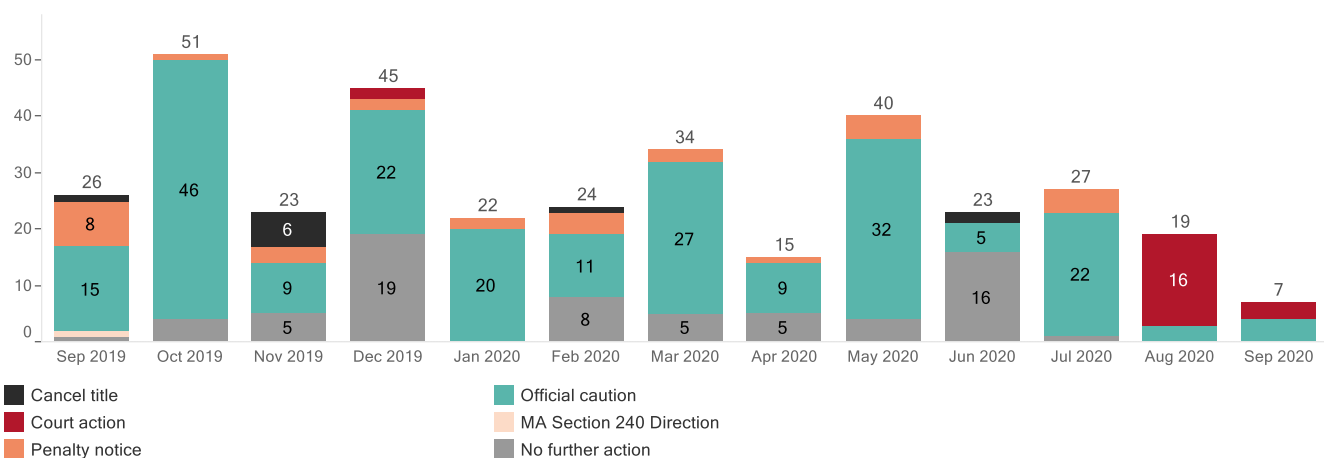
**FIGURE 18. MINING ACT 1992 NON-COMPLIANCE BREACHES SUSTAINED BY CATEGORY
SEPTEMBER 2019 TO SEPTEMBER 2020**



Non-compliance breaches by regulatory response

In September 2020, there were seven non-compliance breaches sustained under the *Mining Act 1992*. These resulted in four official cautions and three court action.

FIGURE 19. MINING ACT 1992 NON-COMPLIANCE BREACHES SUSTAINED BY REGULATORY RESPONSE - SEPTEMBER 2019 TO SEPTEMBER 2020



Mining Act 1992 key enforcement actions

TABLE 7. MINING ACT 1992 KEY ENFORCEMENT ACTIONS – SEPTEMBER 2020

| Date | Entity | Authority | Action | Amount | Allegation/Finding |
|--------------|----------------------------------|-------------------|-------------|--------|--|
| 29 Sept | Narrabri Coal Pty Ltd | EL6243 and ML1609 | Prosecution | N/A | <p>In addition to the eight summons issued on 7 August 2020 a further two summons were issued in the Land and Environment Court in breach of s.378D of the Mining Act – Contravention of Condition of authority. The proceedings relate to failing to seal a bore hole in contravention of the MOP on ML1609 and failing to provide a Site Rehabilitation Report in contravention of the activity approval on EL6243.</p> <p>The 10 matters are listed on 6 November 2020.</p> |
| 29 Sept | Narrabri Coal Operations Pty Ltd | EL6243 | Prosecution | N/A | <p>In addition to the eight summons issued on 7 August 2020 a further summons was issued in the Land and Environment Court in breach of s.378EA of the Mining Act – cause or permit the commission of an offence. As the Operator at the Narrabri Coal Mine, Narrabri Coal Operations failed to provide a Site Rehabilitation Report in contravention of the activity approval on EL6243.</p> <p>The nine matters are listed on 6 November 2020.</p> |
| TOTAL | | | | | 2 |

Industry engagement activities

Our Industry engagement activities for September 2020 are outlined below.

Committees and other industry body involvement

In September 2020, we participated in the following committees and working groups.

TABLE 8. COMMITTEES AND OTHER INDUSTRY BODY INVOLVEMENT – SEPTEMBER 2020

| DATE | COMMITTEE/BODY | DETAIL |
|--------------|---|---|
| 2 September | Coal mining reference committee meeting | Representation at the Mining and Petroleum Competence Board for review of RII training package with updates and improvements affecting pre-requisites for qualifications for certificates of competence |
| 3 September | Central West and Far West RRC and Central West REMC | Regional Emergency Management Committee meeting via teleconference. |
| 3 September | Hunter Central Coast REMC | Emergency planning committee meeting |
| 7 September | EL-023-04 Australian Standards working group | Review and resolution of public comments relating to AS/NZS 2290.1 Electrical equipment for coal mines—Introduction, inspection and maintenance – Part 1: For hazardous areas |
| 9 September | Upper Hunter Mining Dialogue | A video conference meeting where we attended and gave an update on the timing of Rehabilitation Reforms outlining that release of the draft Regulation was imminent and would announce consultation to subscribers on the <i>Mining Act 1992</i> information alerts, including dates of consultation webinars. The committee was given a high-level overview of the reforms to the community participants of the UHMD group. |
| 15 September | EL-023-04 Australian Standards working group | Review and resolution of public comments relating to AS/NZS 2290.1 Electrical equipment for coal mines—Introduction, inspection and maintenance – Part 1: For hazardous areas |
| 16 September | Quarterly meeting of the Lithgow Local Emergency Management Committee | We mentioned current inspection projects by the emergency management team and discussion around our developed emergency management plan summary and whether agencies can request mines use this document instead of the bulky plan. |
| 22 September | EL-023-01 Australian Standards working group | Review of AS/NZS 2081 Electrical protection devices for mines and quarries |
| 22 September | AS201 Committee Meeting | Meeting |
| 23 September | New Australian Standards Committee | Currently Australian Standards number is not allocated and will be for battery powered underground vehicles |

| DATE | COMMITTEE/BODY | DETAIL |
|--------------|--|---|
| 24 September | EL-023-04 Australian Standards working group | Review and resolution of public comments relating to AS/NZS 2290.1 Electrical equipment for coal mines—Introduction, inspection and maintenance – Part 1: For hazardous areas |
| TOTAL | | 11 |

External education and engagement activities

TABLE 9. WORKSHOPS AND INFORMATION SESSIONS - SEPTEMBER 2020

| DATE | TYPE OF ACTIVITY | LOCATION | NUMBER OF ATTENDEES | DETAILS |
|--------------|--|-----------------|---------------------|---|
| 2 September | Webinar – NSW Electrical Regulator’s Forum | Online | 12 | |
| 2 September | Safety workshop | Lightning Ridge | 9 | Opal miners safety training, delivered by LR mine safety inspectors. |
| 2 September | September opal mine safety workshop | Online | 106 | |
| 15 September | Webinar: Maintenance of competence and practicing certificates | Online | 210 | This webinar, hosted by the Regulator's Competencies and Authorisations team, updated stakeholders on the changes and recent developments to the requirements for maintenance of competence, including practising certificate requirements from 1 October 2020. |
| 17 September | IQA RCS Workshop | | N/A | Update on respirable crystalline silica regulatory activities |
| TOTAL | | | 337 | 5 |

Publication and alerts

TABLE 10. MEDIA RELEASES, SAFETY BULLETINS AND PUBLICATIONS – SEPTEMBER 2020

| DATE | TYPE | SUMMARY |
|--------------|-------------------------------------|---|
| 7 September | News item | Causal investigation report: Collapse of shaft collar |
| 7 September | Newsletter | Weekly incident summary week ending 28 August 2020 |
| 9 September | Media release | NSW leads the nation in mine safety development |
| 9 September | News item & video | New explosives testing facility opened in NSW |
| 10 September | News item and guideline | New guideline on autonomous mobile plant |
| 10 September | Newsletter | Mine Safety News published |
| 10 September | Webpage update | Hazardous chemicals at mine and petroleum sites webpage updated |
| 11 September | Safety Alert | SA20-07 Concerns about possible tampering with explosion protected diesel engine safety systems |
| 11 September | News items and investigation report | Investigation report released into dangerous incident at Ashton Coal Mine |
| 11 September | News item and IIR | Fatality not work-related |
| 11 September | Newsletter | Weekly incident summary week ending 4 September 2020 |
| 14 September | Media release | Exploration companies convicted and fines for mining offences near Broken Hill |
| 14 September | News items and report | Inaugural exploration and mining rehabilitation report released |
| 14 September | News item and report | July 2020 monthly business activities report published |
| 15 September | Newsletter | Mine Rehabilitation News published |

| DATE | TYPE | SUMMARY |
|--------------|----------------|---|
| 16 September | Media release | Prosecution proceedings commence relating to Albury Quarry blasting incident |
| 17 September | Webpage update | NRSPP drive in, drive out (D.I.D.O) resources published to RR Fatigue webpage |
| 18 September | Webpage update | Covid-19 service and activity status table content updated |
| 18 September | Newsletter | Weekly incident summary week ending 11 September |
| 24 September | Newsletter | Mine Safety News published |
| 25 September | Safety Alert | SA20-08 Drill rig contacts 22kv power line |
| 25 September | Gazette notice | Revocation of other criteria in respect of statutory function (mining engineering manager) 2020 |
| 28 September | News item | Have your say: Operational rehabilitation reform |
| 28 September | Newsletter | Special edition: Mine Rehabilitation News published re operational rehabilitation reforms |
| 28 September | Newsletter | Weekly incident summary week ending 18 September |
| TOTAL | | 25 |