



**NSW
Resources
Regulator**

MONTHLY BUSINESS ACTIVITIES REPORT

JULY 2019



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Contents

Activities snapshot.....	3
Activities at a glance	3
Safety incidents.....	4
Communication highlights	4
Work health and safety activities	5
Safety incident notifications received.....	5
Safety assessments commenced	7
Proactive and reactive safety assessments	8
Safety targeted assessment program	9
Safety statutory notifications and exemptions.....	10
High risk activity notifications	10
Exemption applications	12
Compliance activities	12
Safety notices issued	12
Details of prohibition notices issued	13
<i>Mining Act 1992</i> activities	15
Security reviews	15
Compliance activities	16
<i>Mining Act 1992</i> notices of directions issued	16
Details of notices of directions issued.....	17
<i>Mining Act 1992</i> key enforcement actions	21
Industry engagement activities	23
Committees and other industry body involvement.....	23
Workshops and information sessions.....	23
Publications and alerts.....	25

Activities snapshot

Activities at a glance



Safety incidents

A contract technician suffered a suspected broken hand when operating an elevated work platform and working on changing a hydraulic hose on a truck. When the worker stopped operating the lift, his hand contacted bracket on the truck. The technician was transported to hospital and later underwent hand surgery.

A nine-kilogram dry chemical fire extinguisher mounted on a CAT D11T Dozer, exploded. This resulted in the metal buckle from the retaining strap releasing and cracking the cabin window. No-one was injured. Investigations are underway to try and understand the causal factors contributing to the catastrophic failure of the extinguisher.

Two safety bulletins were published during July 2019, due to repeated incidents involving the failure of safety critical systems on mobile plant and objects entering the operator cabins of mobile plant in underground coal and metal mines. [Further details in safety bulletins published in July.](#)

The NSW Resources Regulator's [weekly incident summary](#) references any recently published safety publications.

Communication highlights

On 8 July 2019, the NSW Resources Regulator published an investigation report and an animation video on the Bulga Open Cut dump truck collision in July 2018. The following 24 hours witnessed one of the largest increases in website traffic to date (up 662%), with subsequent days also reporting higher than average activity. The analytics from both the website and the newsletter clearly attribute the increased engagement to the Bulga investigation content. Within less than three weeks, this animation video recorded over 9,000 views. [The video and investigation report are available here.](#)

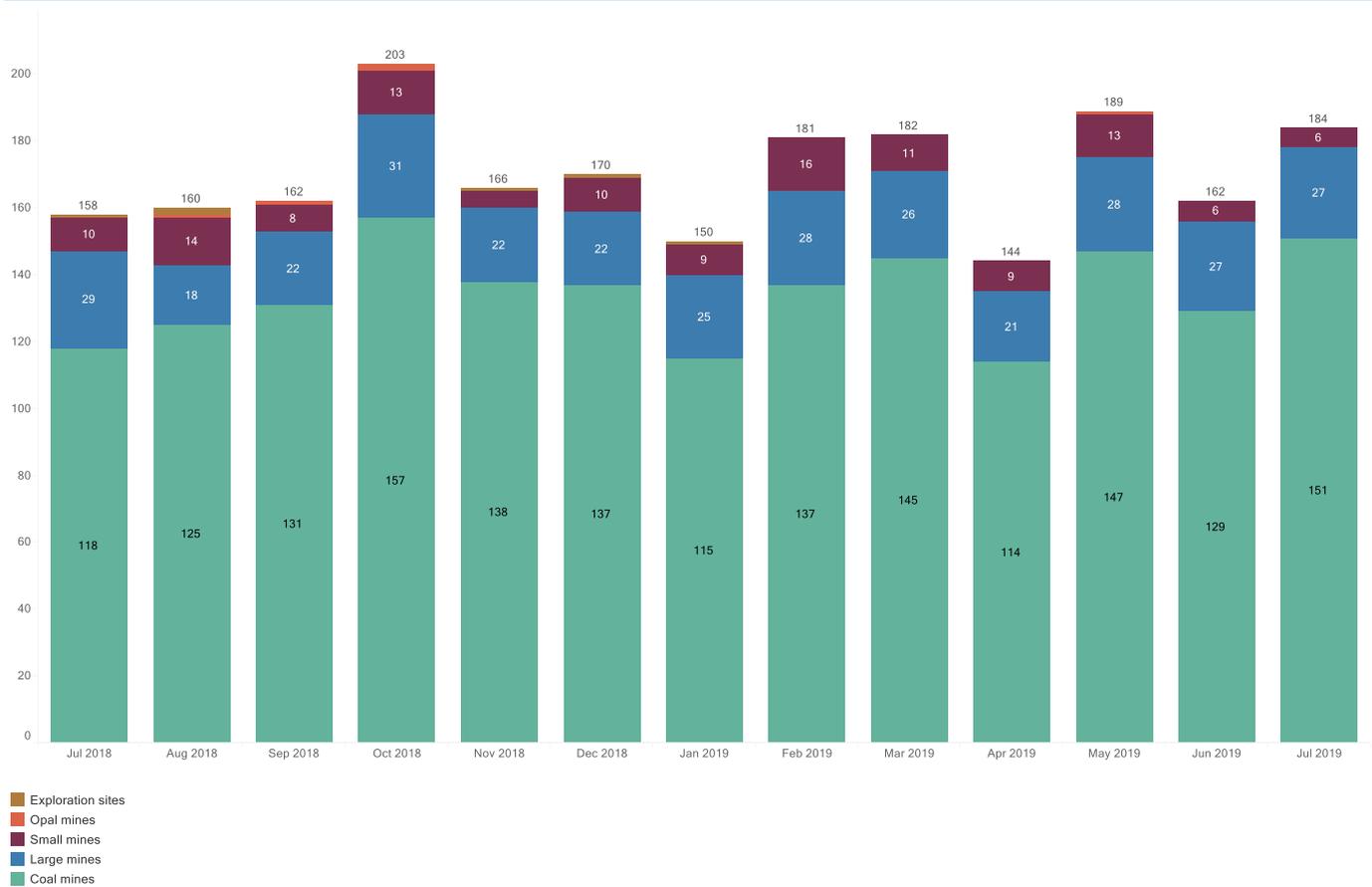
On the 24 July, a video was published: Your guide to licensing and registration through the Mining Authorisations Unit [available here.](#)

Work health and safety activities

Safety incident notifications received

In July 2019, 184 incidents were notified to the NSW Resources Regulator by mining operations. This is an increase of 22 from the 162 received in June 2019.

FIGURE 1 SAFETY INCIDENT NOTIFICATIONS BY SECTOR - JULY 2018 TO JULY 2019



The NSW Resources Regulator deployed inspectors to the following safety incidents described in the table below.

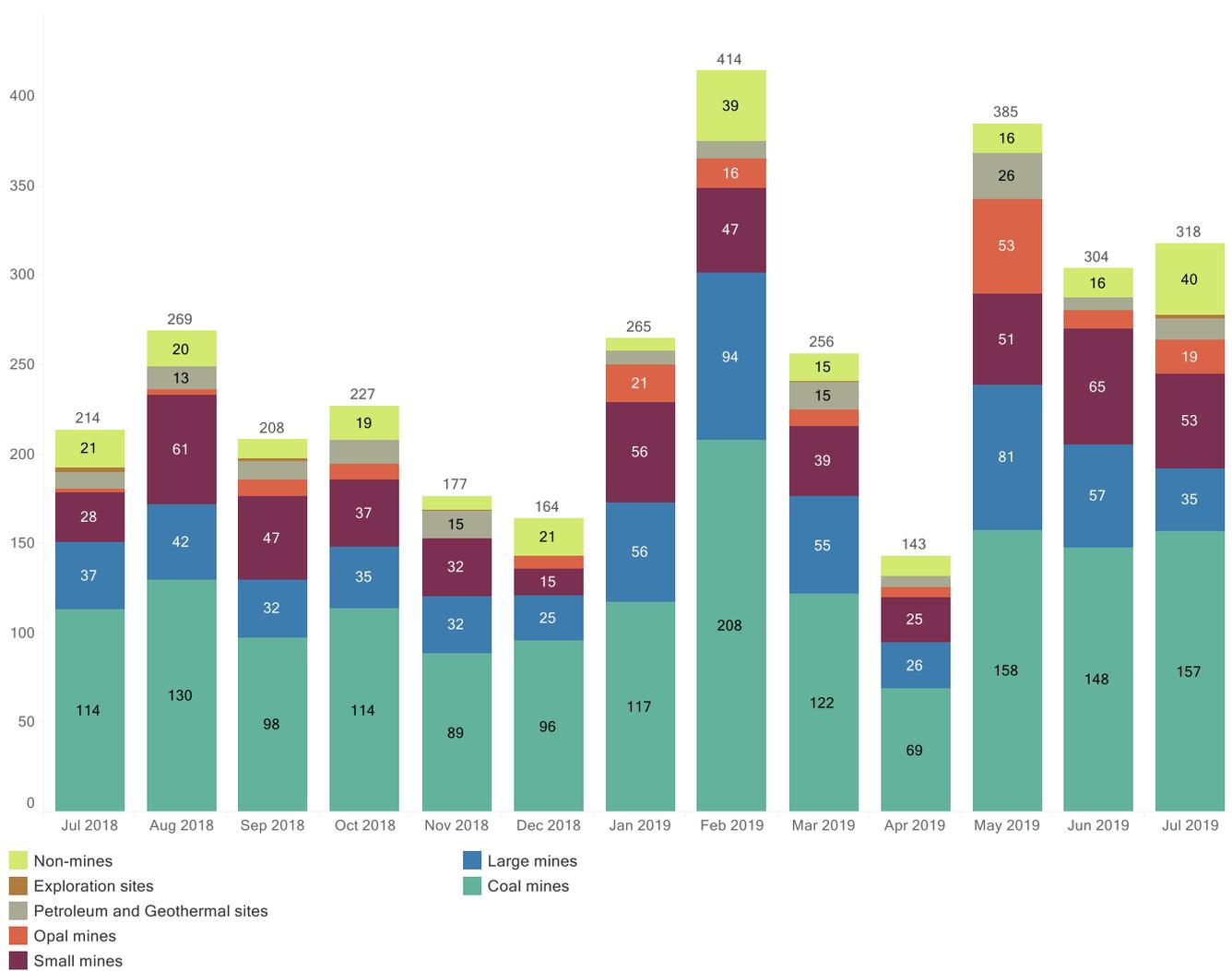
TABLE 1. DETAILS OF SAFETY INCIDENTS WHERE INSPECTORS WERE DEPLOYED – JULY 2019

Date notified	Location	Incident
2 July	Coal mine - Underground operation	Roof fall outbye 9CT in a perimeter roadway. Before the fall, the area had been identified as requiring additional support. Prop-setters are being installed from an area of secured ground towards 9CT.
6 July	Large mines – Underground operation	A fire occurred underground at the 9030 pump station. In response, the mine initiated its emergency response where all 21 affected workers retreated to refugee chambers. Hand held extinguishers were used to put out the fire. Afterwards, air quality was checked and was found to be within limits. Workers then attended a debriefing session and the scene was preserved.
9 July	Coal mine – Surface operation	A boilermaker was injured while removing a seized pin using a lance from the rear axle link in a Cat 797 dump truck. The 52kg pin ejected horizontally from the pin bore hitting the worker.
11 July	Coal mine – surface operation	A CAT795 haul truck was descending the ramp from the RL80 dump when it applied its service break after encountering an approaching CAT789 haul truck at the intersection. The application of the service brake caused CAT795 haul truck to skid sideways and it ended up partially on the opposite side of the road.
13 July	Large mine – Underground operation	When a truck was refuelling at the fuel bay located at the surface of the mine, fuel splashed onto hot engine parts, initiating a small fire. The operator manually triggered the automatic fire system the fire was extinguished. No persons were injured.
20 July	Coal mine – Surface	At the end of night shift, a light vehicle (Ford Ranger dual cab) was driving back to pit top from a drill site when it drove over the open edge. The front of the vehicle dropped over the edge but the rear wheels stayed on the bench (sitting on the chassis at the front). There were two occupants and no injuries.
Total		6

Safety assessments commenced

In July 2019, a total of 318 safety assessments had been commenced across all mining sectors, an increase of 14 on the previous month. Of the 318 assessments, 157 (49%) occurred in the coal mines sector.

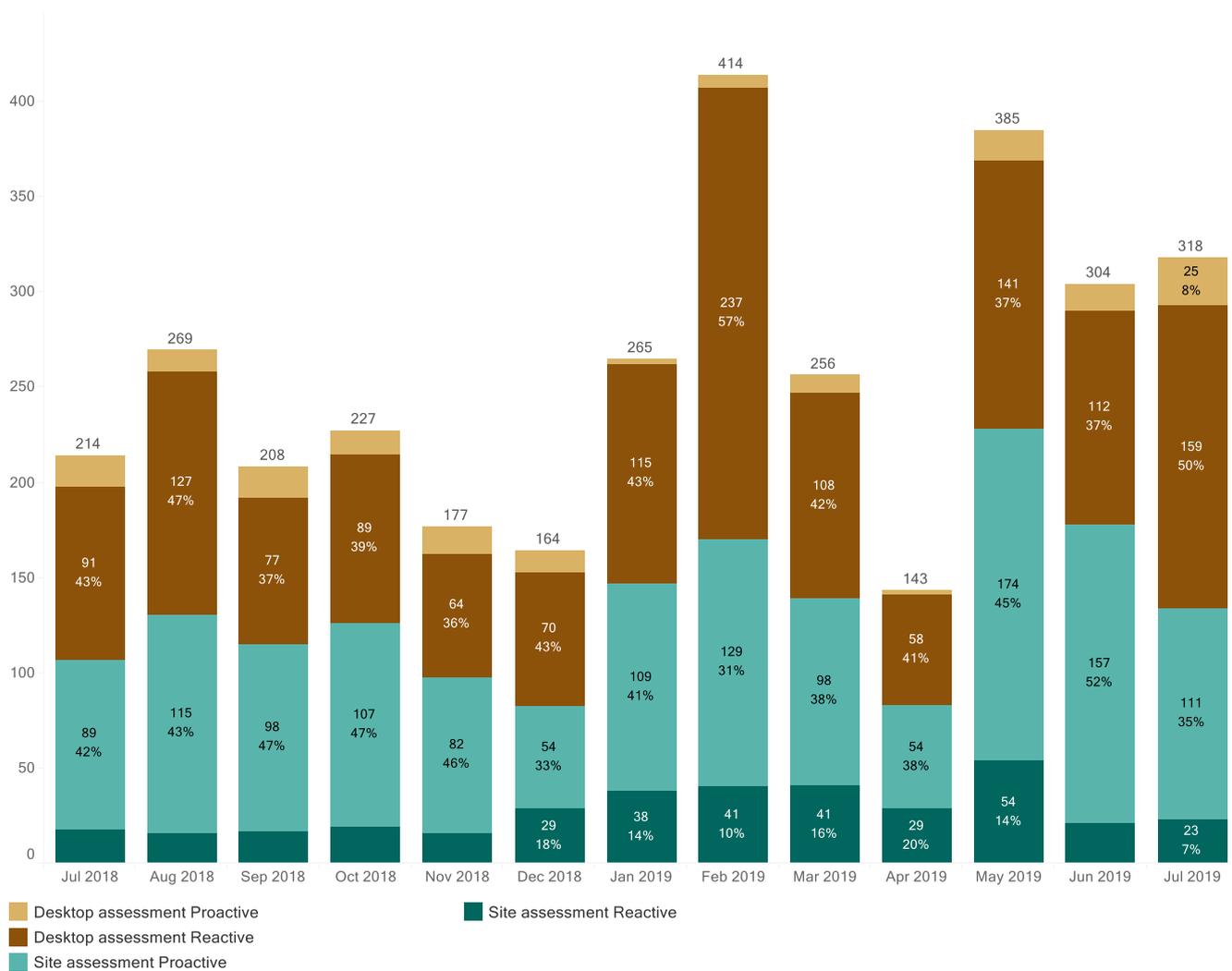
FIGURE 2. SAFETY ASSESSMENT ACTIVITIES COMMENCED BY SECTOR - JULY 2018 TO JULY 2019



Proactive and reactive safety assessments

In July 2019, 43% (136) of the NSW Resources Regulator’s 318 assessments were proactive. Proactive assessments include targeted assessments and planned inspections. Reactive assessments include assessments conducted in response to incident notifications, targeted interventions, high risk activity notifications and action requests.

FIGURE 3. SAFETY ASSESSMENT ACTIVITIES BY NATURE - JULY 2018 TO JULY 2019



Targeted safety assessment program

Under the safety proactive assessment program, in July 2019 the NSW Resources Regulator conducted five site-based targeted assessment (TAP). Details are in the table below.

FIGURE 4. SAFETY TARGETED ASSESSMENTS - JULY 2018 TO JULY 2019

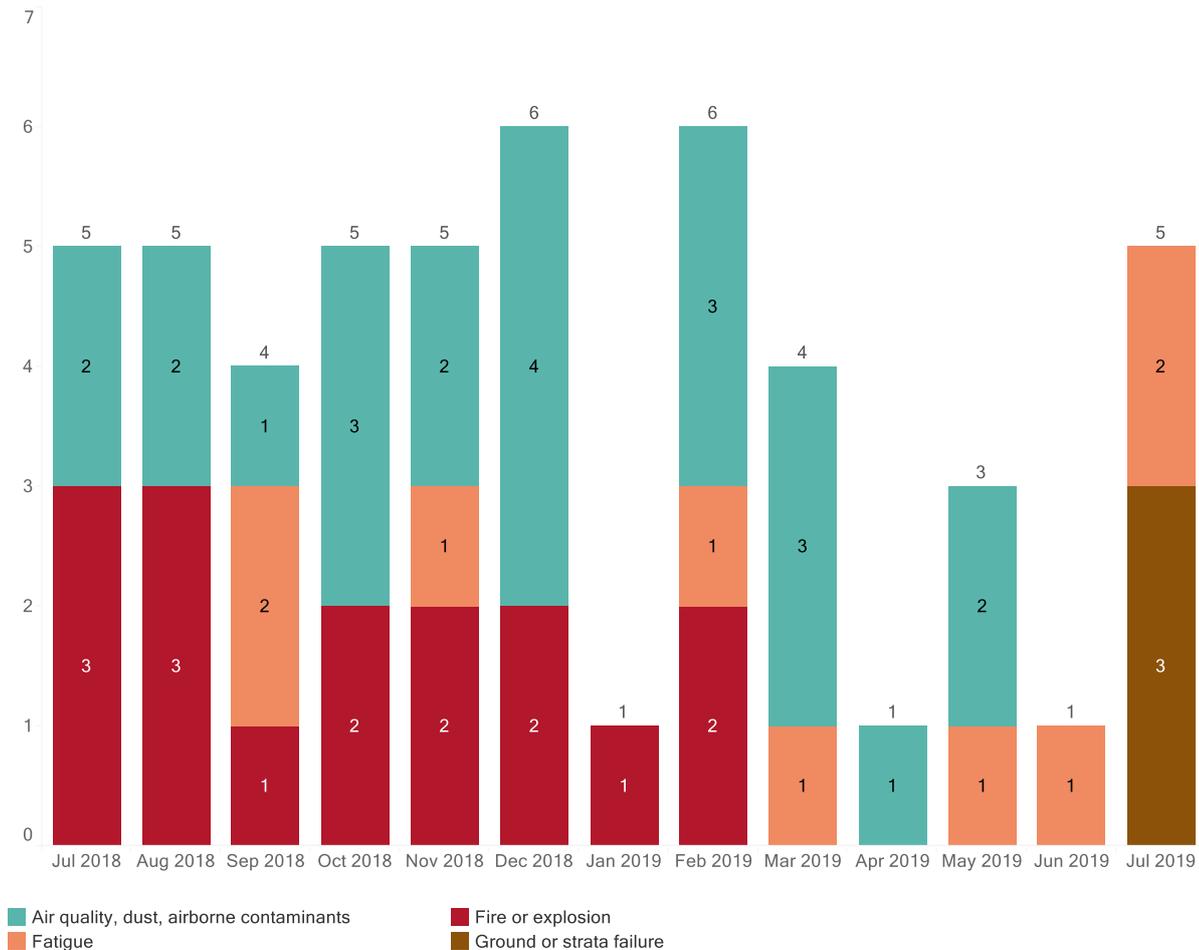


TABLE 2. DETAILS OF SAFETY TARGETED ASSESSMENTS - JULY 2019

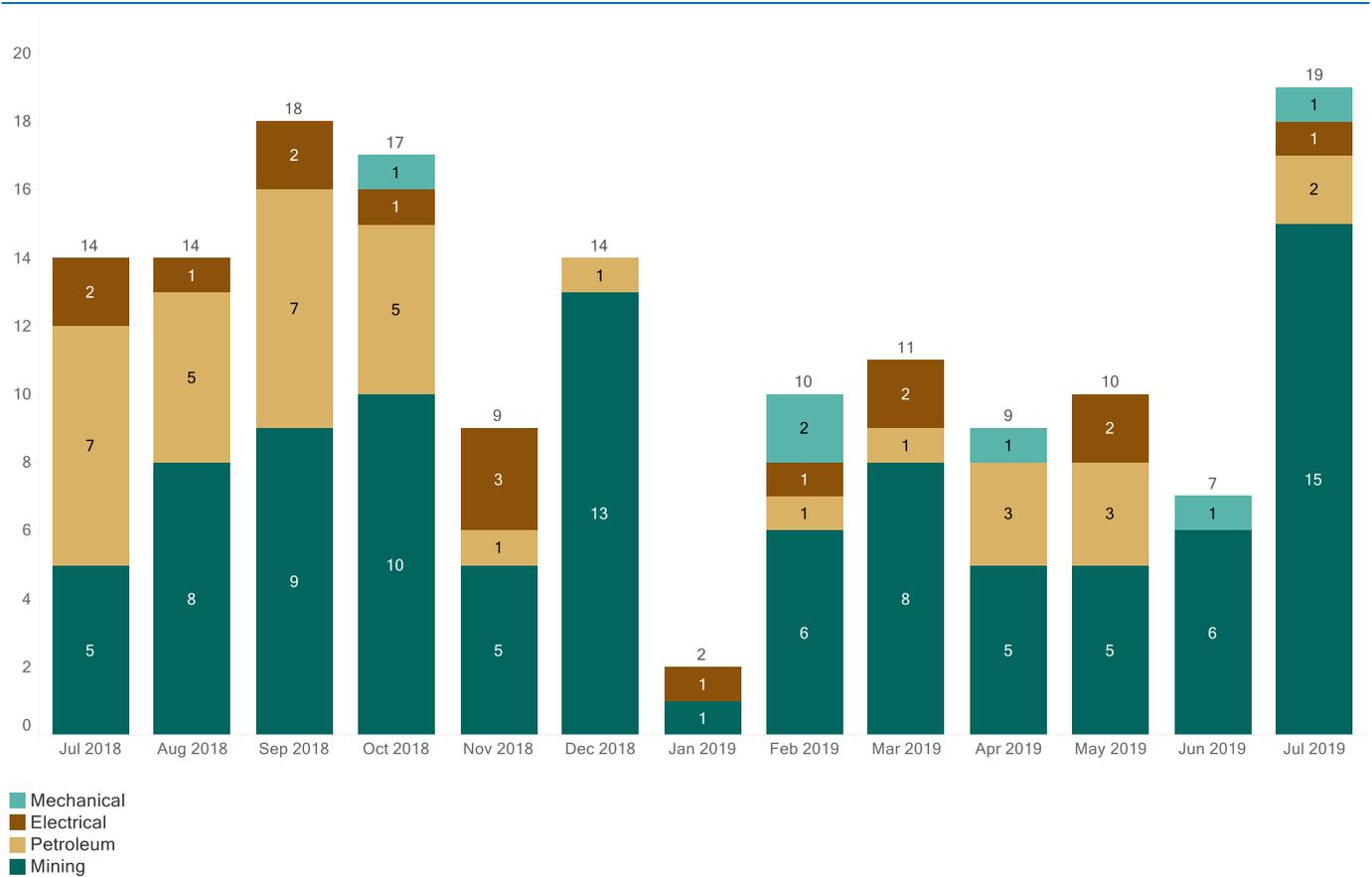
Hazard	Sector	Mine
Fatigue	Large mines, underground	Perilya Southern Operations
		Rasp Mine
Ground and Strata Failure	Coal, underground	Dendrobium Colliery
		Clarence Colliery
		Ulan Underground Mine
Total		5

Safety statutory notifications and exemptions

High risk activity notifications

The figure below summarises high risk activity notifications received by engineering discipline under the Work, Health and Safety (Mines & Petroleum Sites) Regulation 2014.

FIGURE 5. HIGH RISK ACTIVITY BY NOTIFICATIONS RECEIVED BY ENGINEERING DISCIPLINE - JULY 2018 TO JULY 2019



In July 2019, the NSW Resources Regulator received 19 high risk activity notifications under clause 33 of the Work Health and Safety (Mines and Petroleum Sites) Regulation 2014.

TABLE 3. HIGH RISK ACTIVITY NOTIFICATIONS RECEIVED - JULY 2019

Mine	Legislation*	Type of notification	No
Chain Valley Colliery	Schedule 3 Clause 10	Sealing (other than emergency sealing), but only if notice has not been given as part of a notice for secondary.	1
Macquarie Coal Preparation Plant	Schedule 3 Clause 27	The establishment, operation or decommissioning of an emplacement area.	1
Ulan West Operations	Schedule 3 Clause 11	The conduct of hot work in a hazardous zone.	1
Ashton Coal Mine (Underground)	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
Mandalong Mine	Schedule 3 Clause 19(1)(b)	The first application on any mine roadway of a coal dust explosion inhibitor other than dry stone dust.	1
Integra Underground	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
Mandalong Mine	Schedule 3 Clause 15	The formation of a pillar other than a conforming pillar.	1
Appin Colliery	Schedule 3 Clause 8	Single entry development of a roadway or drift for more than 250 metres without an intersection.	1
Tahmoor Colliery	Schedule 3 Clause 18	Carrying out mining operations in an outburst control zone.	1
Austar Coal Mine - Underground Operation	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
Tahmoor Colliery	Schedule 3 Clause 18	Carrying out mining operations in an outburst control zone.	1
Tahmoor Colliery	Schedule 3 Clause 16(1)(a)	Secondary extraction by longwall mining, shortwall mining or miniwall mining.	1
Dendrobium Colliery	Schedule 3 Clause 15	The formation of a pillar other than a conforming pillar.	1
PPL0004 Menangle Park 23	Schedule 3 Clause 31	Well workover.	1
PPL0004 Sugarloaf 9	Schedule 3 Clause 32	Decommissioning a well.	1
Narrabri Colliery	Schedule 3 Clause 18	Carrying out mining operations in an outburst control zone.	1
Moolarben Coal Operations - Underground	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
Metropolitan Colliery	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
Total			19

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

Exemption applications

In July 2019, the NSW Resources Regulator granted one application requesting exemption from compliance with specific provisions of the Work Health and Safety (Mines and Petroleum Sites) Regulation 2014.

TABLE 4. EXEMPTION APPLICATIONS FINALISED AND GRANTED - JULY 2019

Mine/PCBU*	Details	Status
Mandalong Mine	Clause 96 (1) Work Health and Safety (Mines and Petroleum Sites) Regulation 2014 - Emergency exits - The mine operator of an underground mine must ensure that all parts of the mine have at least two exits to the surface that are trafficable by persons	Granted
Total		1

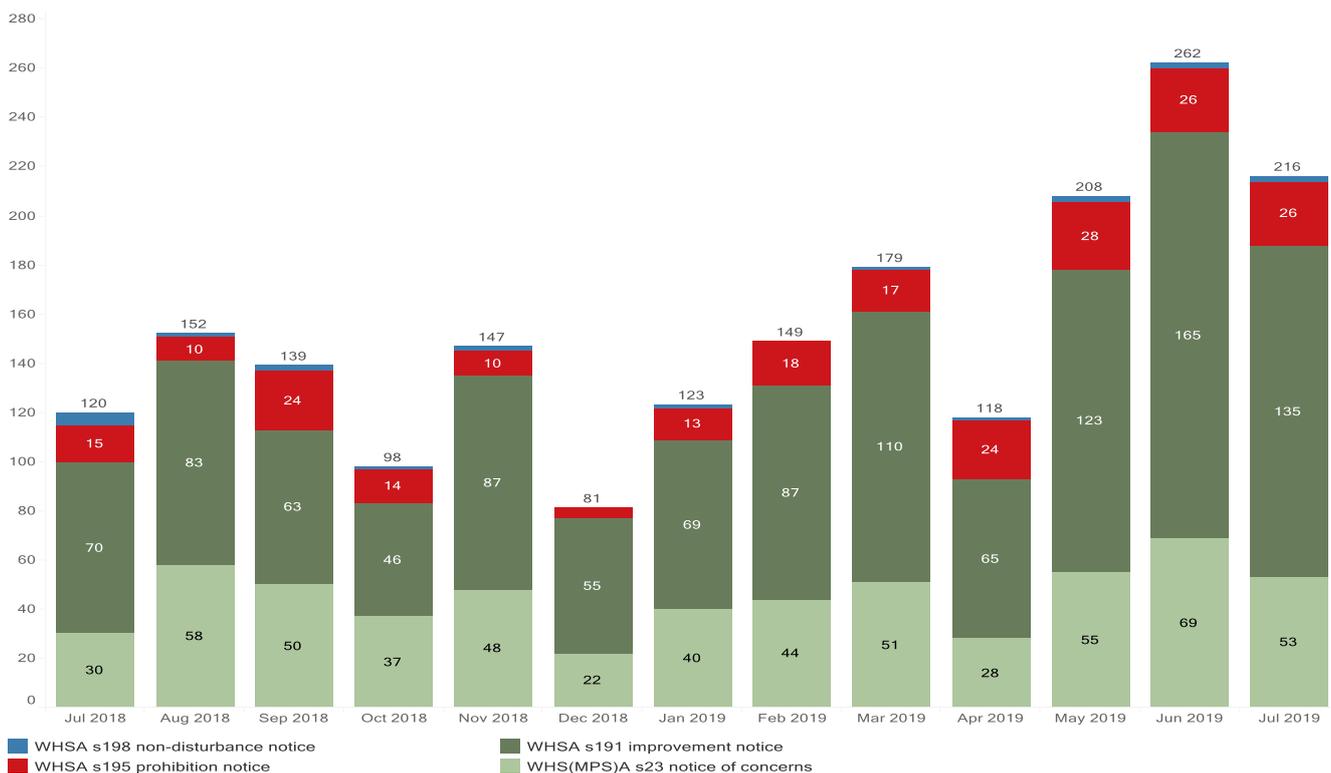
*Person Conducting Business or Undertaking

Compliance activities

Safety notices issued

In July 2019, 216 safety notices were issued, a decrease of 46 compared to 262 safety notices in the previous month. The increased number of notices issued in June was largely a result of the compliance blitz operation where 97 notices issued.

FIGURE 6. SAFETY NOTICES ISSUED BY NOTICE TYPE - JULY 2018 TO JULY 2019



Details of prohibition notices issued

In July 2019, the NSW Resources Regulator issued 26 prohibition notices under section 195 of the *Work Health and Safety Act 2011*.

TABLE 5. PROHIBITION NOTICES ISSUED - JULY 2019

Issued to PCBU*	Mine Location	Prohibited activity
Bald Hill Quarry Pty Ltd	Bald Hill Jugiong Quarry	Working from the two platform areas on the back of the Komatsu face loader where pre-starts and maintenance activities occur.
Walter McConnell	MC46375	Persons riding the hoist to access and egress the shaft.
Leslie Sheargold	MC58313	Persons riding the hoist to access and egress the shaft.
Bald Hill Quarry Pty Ltd	Bald Hill Quarry Pty Ltd - Murray's Crossing	Operating the Komatsu PC 300 Excavator is prohibited on stockpiles above ground level or on the edge of a bench where there is a risk of fall or toppling over.
Ravensworth Operations Pty Ltd	Ravensworth Operations	The use of thermal lancing and water quenching for the removal of pins on mobile plant. This notice does not prevent the removal of pins by normal mechanical (non-thermal) means.
Soil Conservation Services	Blowering Quarry	Operating mobile crushing and screening equipment on site until all guarding has been brought into compliance with clause 208 of the Work Health and Safety Regulation 2011.
Johnstone Concrete and Landscape Supplies Pty Ltd	Johnstone Concrete and Landscape Supplies Pty Ltd - Wave Hill No2 - " The Hill "	Accessing the cabin of the Caterpillar 769C haul truck (unit 3) by the driver's side access ladder.
Johnstone Concrete and Landscape Supplies Pty Ltd	Johnstone Concrete and Landscape Supplies Pty Ltd - Wave Hill No2 - " The Hill "	Operating the Caterpillar 789C unit 3 haul truck.
Johnstone Concrete and Landscape Supplies Pty Ltd	Johnstone Concrete and Landscape Supplies Pty Ltd - Wave Hill No2 - " The Hill "	Accessing the cabin of the Caterpillar 769D haul truck.
Johnstone Concrete and Landscape Supplies Pty Ltd	Johnstone Concrete and Landscape Supplies Pty Ltd - Wave Hill No2 - " The Hill "	Operating the Caterpillar 769D haul truck.
Ian Heyne	MC49563	Driving the international C1800 truck until the main spring has been replaced.
Mark Cook	MC60340	The person hoist is not to be used for the purpose of lifting or lowering persons in any shafts.
Brennan's Earthmoving Pty Ltd	Brennan's Earthmoving Pty Ltd - Mannus Hill Quarry	Proceeding beyond the door of the Volvo A30C Articulated dump truck (driver's side), unless it is to enter cabin.
Wild Plant Hire Pty Ltd	Wild Quarry	Accessing the rear of the Caterpillar 322C excavator unit 59
Alison Pepper	Hunter Valley Operations Hunter Valley DCP	Using the Elevated Work Platform (fleet number BL 11576).
Wild Plant Hire Pty Ltd	Wild Quarry	Using the oxy acetylene unit.
Bluedime Concrete Pty Ltd	Ournie Quarry	Proceeding beyond the door of the identified articulated dump trucks (driver's side), unless it is to enter cabin.
Wild Plant Hire Pty Ltd	Wild Quarry	Accessing the McCloskey S190 screening plant, controls and maintenance.

Issued to PCBU*	Mine Location	Prohibited activity
Hurd Haulage Pty Ltd	Hurd Haulage - Yarrabee Road Quarry	Accessing the cabin of the Caterpillar 769C haul truck.
Metromix Pty Limited	Marrangaroo Quarry	Accessing the cabin of the two Komatsu HD 325 haul trucks on site.
Hurd Haulage Pty Ltd	Hurd Haulage - Yarrabee Road Quarry	Accessing screen deck 4.
Broken Hill Operations Pty Ltd	Rasp Mine	Air arc gauging.
Boral Resources (NSW) Pty Ltd	Peppertree Quarry	Persons entering the processing plants while the equipment is operating inside the plant (in accordance with clause 19(3)(a) Work Health and Safety Regulation 2011) without adequate Respiratory Protective Equipment.
EOE (NO.75) Pty Ltd	Ardlethan Tin Mine	Using this item of plant. Notwithstanding this direction, the crane may be operated solely for the purposes of relocating it and for inspection and testing.
Jennette Gray	MC38080	Persons riding the hoist to access and egress the shaft.
Walgett Shire Council	Cumborah	Undertaking maintenance activities along the walkways on both sides of the operator's cabin is prohibited until the identified fall from height issues are addressed.
Total		26

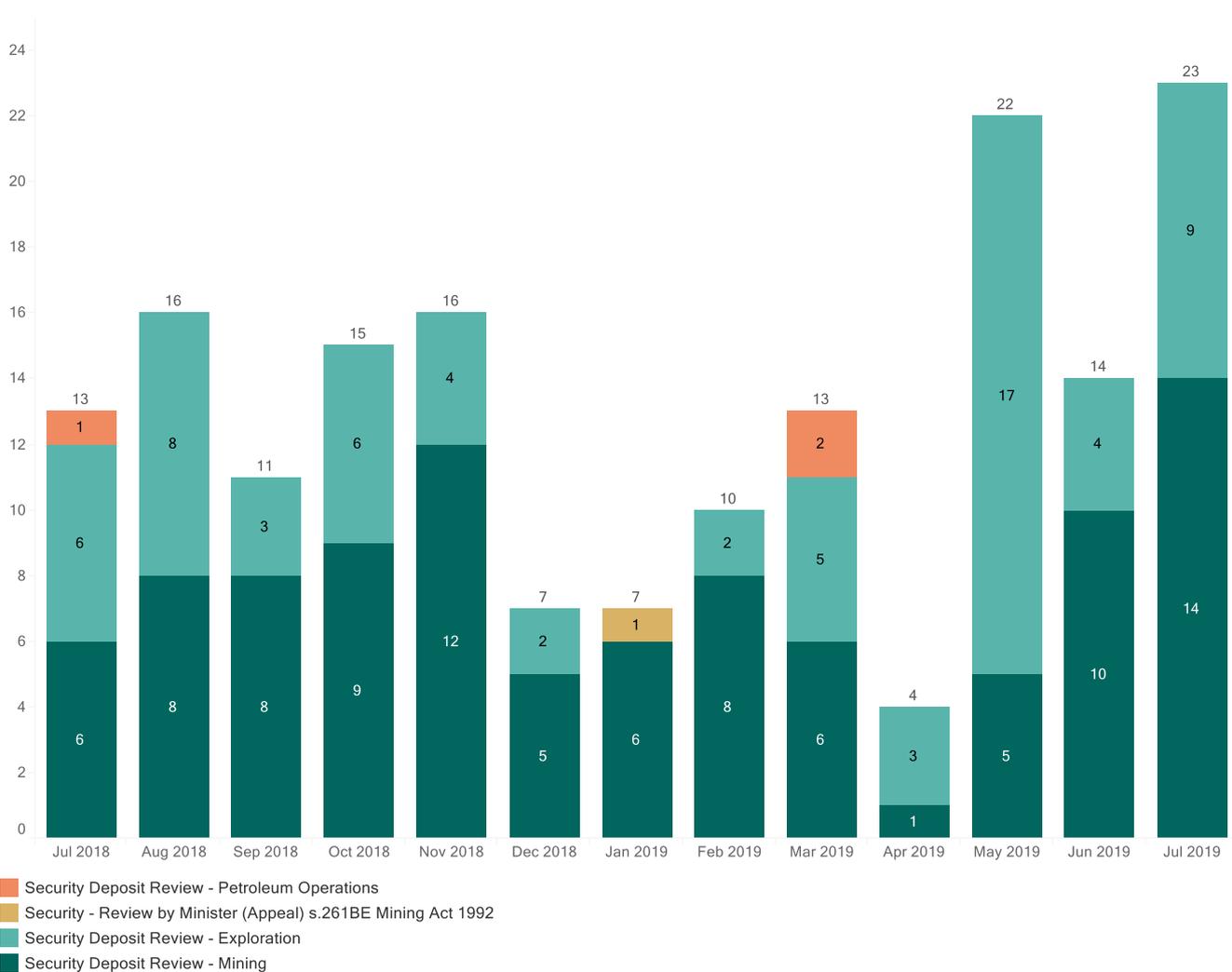
*Person Conducting Business or Undertaking

Mining Act 1992 activities

Security reviews

In July 2019, the NSW Resources Regulator completed 23 exploration and mining security deposit reviews under the *Mining Act 1992*. Of note, a review of held security deposits is always undertaken when an authorisation holder applies to vary approved activities.

FIGURE 7. SECURITY REVIEWS COMPLETED - JULY 2018 TO JULY 2019

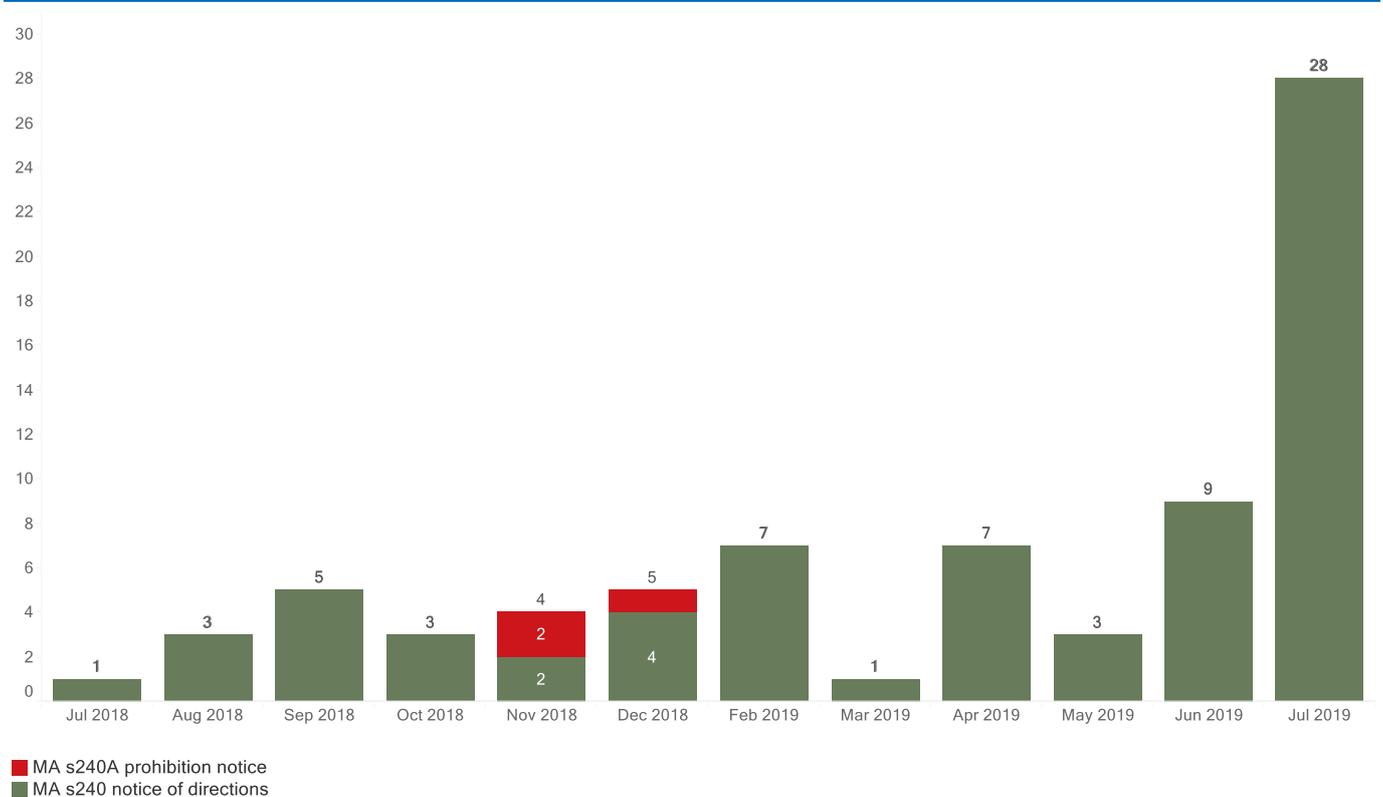


Compliance activities

Mining Act 1992 notices of directions issued

In July 2019, the NSW Resources Regulator issued 28 notices under section 240 of the *Mining Act 1992*. The increase in notices issued in July was a result of the [compliance blitz operations](#) and our implementation of our planned inspection program focussing on progressive rehabilitation requirements.

FIGURE 8. MINING ACT 1992 NOTICES ISSUED BY NOTICE TYPE - JULY 2018 TO JULY 2019



Details of notices of directions issued

TABLE 6. NOTICES OF DIRECTIONS ISSUED DETAILS - JULY 2019

Issued to	Location	Section 240 of the <i>Mining Act 1992</i> Direction
Alloy Minerals Pty Ltd	EL 8475 (1992)	<ul style="list-style-type: none"> Remove excess spoil material and plastic waste at drill sites AOAC016-17. Remove sample bags and any excess spoil from drill sites AOAC013-017, 019, 021, 023-024 and 029-033. Rehabilitate in accordance with activity approvals. Provide a report to the NSW Resources Regulator which demonstrates rehabilitation has been completed.
Bloomfield Collieries Pty Ltd	Rixs Creek Mine (North)	<ul style="list-style-type: none"> Update the current Mining Operation Plan to address risks to satisfactory rehabilitation progress identified during the review of rehabilitation monitoring against completion criteria. The updated Mining Operation Plan must be submitted to the NSW Resources Regulator for approval.
Bloomfield Collieries Pty Ltd	Rixs Creek Mine (South)	
Broula King Joint Venture Pty Ltd	Broula King Gold Mine	<ul style="list-style-type: none"> In accordance with Condition 3(a) of ML 1617 (1992), prepare a Mining Operation Plan (MOP). In accordance with Condition 3(b) of ML 1617 (1992), the MOP must be prepared in accordance with the ESG3: Mining Operations Plan (MOP) Guidelines, September 2013 as published on the Department's website. The MOP must reflect activities to be undertaken during the Care and Maintenance period for ML 1617. The Mining Operation Plan must be submitted to the NSW Resources Regulator for approval.
Broula King Joint Venture Pty Ltd	Broula King Gold Mine	<ul style="list-style-type: none"> Appoint a suitably qualified independent expert to complete a site-based performance and risk assessment of the tailings dam to address chemical and geotechnical issues. Prepare and submit a report completed by a suitably qualified independent expert that details the findings of the site-based performance and risk assessment into the tailings dam wall on ML 1617. The report must be to the satisfaction of the NSW Resources Regulator.
Broula King Joint Venture Pty Ltd	Broula King Gold Mine	<ul style="list-style-type: none"> Appoint a suitably qualified independent expert to complete a site-based performance and risk assessment of soil and water management to address drainage and erosion control measures to be employed to prevent and/or mitigate environmental harm. Prepare and submit a report completed by a suitably qualified independent expert that details the findings of the site-based performance and risk assessment including the controls to be implemented to prevent and/or mitigate environmental harm identified during the assessment. The report must be to the satisfaction of the Regulator and must be submitted electronically to the NSW Resources Regulator.
Cadia Holdings Pty Limited	Cadia East Project	<ul style="list-style-type: none"> Provide a report to the satisfaction of the NSW Resources Regulator that sets out measures to be taken to investigate and assess remediation options of the northern tailings storage facility embankment failure. Report to the NSW Resources Regulator on a monthly basis, until otherwise directed, detailing the investigations and assessments undertaken, and progress on the nomination of remediation works to be undertaken and associated approvals required.
Coal & Allied (NSW) Pty Limited	Rhondda (Northern) Colliery	<ul style="list-style-type: none"> In accordance with Condition 2 of CCL774, prepare a Mining Operations Plan. The Plan must be prepared in accordance with the ESG3: Mining Operations Plan (MOP) Guidelines, September 2013 as published on the Departments website.

Issued to	Location	Section 240 of the <i>Mining Act 1992</i> Direction
		<ul style="list-style-type: none"> All operations described in the Plan must be accompanied by a Rehabilitation Cost Estimate (RCE). The RCE must be prepared in accordance with the ESG1 Rehabilitation Cost Estimate Guidelines, June 2017, and the Rehabilitation Cost Estimation Tool (1 Jun 2017) as published on the Departments website.
Coal & Allied Operations Pty Ltd	Hunter Valley Operations	<ul style="list-style-type: none"> Prepare a report to the satisfaction of the NSW Resources Regulator, which assesses the adequacy of progressive rehabilitation strategies carried out within CCL708 (1973), CCL714 (1973), CCL755 (1973), CL327 (1973), CL359 (1973), CL360 (1973), CL398 (1973), CL584 (1973), CML4 (1992), ML1324 (1992), ML1337(1992), ML1359 (1992), ML1406 (1992), ML1428 (1992), ML1465 (1992), ML1474 (1992), ML1482 (1992), ML1500 (1992), ML1526 (1992), ML1560 (1992), ML1589 (1992), ML1622 (1992), ML1634 (1992), ML1682 (1992), ML1704 (1992), ML1705 (1992), ML1706 (1992), ML1707 (1992), ML1710 (1992), ML1732 (1992), ML1734 (1992), ML1753 (1992), collectively. Submit the report to the Resources Regulator.
Cumnock No.1 Colliery Pty Limited	Ravensworth Operations	<ul style="list-style-type: none"> Carry out a program of works to backfill or otherwise repair all scours and gullies on the western emplacement area northern batters as identified in the approved Mining Operations Plan. Amend the Mining Operations Plan to include a maintenance and monitoring schedule for all rehabilitation areas at the Western Emplacement Area. Submit the Mining Operations Plan to the NSW Resources Regulator.
Donaldson Coal Pty Ltd	Donaldson Open Cut Coal Mine	<ul style="list-style-type: none"> Develop a closure strategy for the management of the west and square pits. Undertake a review of water quality within mine dams within ML1461 against their approved final land use. Submit an updated Mining Operations Plan to the NSW Resources Regulator.
Donaldson Coal Pty Ltd	Abel Underground Coal Mine	<ul style="list-style-type: none"> Develop a closure strategy for the management of the west (inclusive of Abel Box Cut) and square pits. Submit an updated Mining Operations Plan (MOP) for ML1618 and ML1653 to the satisfaction of the NSW Resources Regulator.
Dronvisa Pty Limited	Byers Pit	<ul style="list-style-type: none"> Undertake works on PLL 1294 (1924) that includes; the repair and reinstatement of sediment and erosion measures that have failed or have been poorly constructed or maintained; the removal of truck tyres used as check dams and replace with appropriate rock ballast; the removal of the constructed drainage channel cut through the southern wall of the Bluegum Pit. Prepare and submit a report that outlines the results of works completed. Prepare and submit a report to the satisfaction of the NSW Resources Regulator, completed by a suitably qualified independent person(s) that details the findings of a site-based performance and risk assessment of the soil and water management systems for the PLL 1294 (1924), ML 267 (1973), ML 268 (1973), ML 1209 (1973), and ML 1219 (1973). The report must include a sediment and erosion control plan that includes specific measures to control soil and water around all disturbed areas.
Golden Cross Operations Pty. Ltd.	EL 6391 (1992)	<ul style="list-style-type: none"> Undertake works to reinstate, upgrade and install sediment and erosion controls on EL6391 to prevent sediment discharge into the local creek(s). Provide a report to the satisfaction of the NSW Resources Regulator which demonstrates the work required has been completed.
Individual	Nelungaloo Limestone Mine	<ul style="list-style-type: none"> Appoint a suitably qualified independent expert to complete a site-based performance and risk assessment of soil and water management to address drainage and erosion control measures to be employed to prevent and/or mitigate environmental harm. Prepare and submit a report to the satisfaction of the NSW Resources Regulator completed by a suitably qualified independent expert that details the findings of the site-based performance and

Issued to	Location	Section 240 of the <i>Mining Act 1992</i> Direction
		<p>risk assessment including the controls to be implemented to prevent and/or mitigate environmental harm identified during the assessment.</p> <ul style="list-style-type: none"> Undertake works that includes mitigation measures recommended in the report.
Macquarie Marble and Lime Pty Ltd	Macquarie Marble and Lime Mine	<ul style="list-style-type: none"> Stabilise disturbed areas to minimise erosion and dust. Remove all rubbish and unserviceable equipment. Engage a suitably qualified independent person(s) to undertake a rehabilitation cost estimate (RCE) for the authorisations in accordance with ESG1: Rehabilitation Cost Estimate Guidelines (June 2017) which utilises the Department’s Rehabilitation Cost Estimate Tool (May 2019). Provide a report to the NSW Resources Regulator detailing the actions undertaken to comply with the Direction.
Individual	Horse Gully Mine	<ul style="list-style-type: none"> Rehabilitate the land affected by mining operations within ML 181, ML 240, ML 860 and ML 549 (including disturbances outside the boundaries of ML 181, ML 240, ML 860 and ML 549).
Mount Thorley Operations Pty Limited	Mount Thorley Warkworth Operations	<ul style="list-style-type: none"> Engage a suitably qualified independent person(s) to prepare and submit a report to the satisfaction of the NSW Resources Regulator which assesses the adequacy of progressive rehabilitation strategies carried out within Authorisations CL 219 and CCL 753 (1973), ML 1412, ML 1590, ML 1751, ML 1752 (Part) and ML 1547 (1992) and performance against the implementation of those progressive rehabilitation strategies to date. Submit the report to the NSW Resources Regulator.
Warkworth Mining Ltd		
Muswellbrook Coal Company Limited	Muswellbrook Coal Open Cut	<ul style="list-style-type: none"> Undertake an assessment of the risks to the rehabilitation of the site. The rehabilitation risk assessment must identify and evaluate all potential risks to achieving the final land use and the specific measures to be implemented to mitigate those risks and have regard to the AS NZS ISO 31000:2009 Risk Management – Principles and Guidelines to support any rehabilitation risk assessment. Prepare a Muswellbrook Coal Mine rehabilitation risk assessment report which encompasses the rehabilitation risk assessment. Revise the Rehabilitation Cost Estimate for the Authorisations in accordance with ESG1: Rehabilitation Cost Estimate Guidelines.
Perilya Broken Hill Limited	EL 2921 (1973)	<ul style="list-style-type: none"> Prepare and submit a report to the NSW Resources Regulator, completed by a suitably qualified independent person(s), which assesses the outstanding rehabilitation liabilities on EL 2921 (1973). The independent report must include recommendations for the scope and timing of rehabilitation of all outstanding rehabilitation liabilities. The independent report must be to the satisfaction of the NSW Resources Regulator. Undertake outstanding rehabilitation works on EL 2921 (1973) in accordance with rehabilitation recommendations as detailed in the independent report. Provide a report to the NSW Resources Regulator which demonstrates rehabilitation has been completed in accordance with the recommendations in the independent report.
Pure Alumina Limited	Reward Gold Mine	<ul style="list-style-type: none"> Prepare and submit a report completed by a suitably qualified independent person(s) that details measures taken to control erosion and slumping of the waste rock pad. Prepare and submit a rehabilitation options analysis report completed by a suitably qualified independent person(s) for the tailings dam area including the tailings ponds and dams. Prepare and submit a geotechnical report completed by a suitably qualified independent person(s) for the tailings dam area and tailings ponds and dams.

Issued to	Location	Section 240 of the <i>Mining Act 1992</i> Direction
RTI Mining Pty Ltd	Bald Hill Gold Mine	<ul style="list-style-type: none"> • Install appropriate sediment control measures around the waste stockpile to eliminate all risks of sediment entering receiving waters downslope of the stockpile. • Submit a report completed by a suitably qualified independent expert that details the findings of a site-based performance and risk assessment of the soil and water management systems for ML 1035. • The report must be to the satisfaction of the NSW Resources Regulator.
Siouville Pty Ltd	EL 7390 (1992)	<ul style="list-style-type: none"> • Undertake rehabilitation of drill pads in accordance with the commitments in the approved surface disturbance notice and the Exploration Code of Practice: Rehabilitation. • Undertake rehabilitation all tracks in accordance with commitments in the approved surface disturbance notice. • Provide a report to the NSW Resources Regulator which demonstrates rehabilitation has been completed.
Total Iron Pty Ltd	EL 8635 (1992)	<ul style="list-style-type: none"> • Prepare and submit a Rehabilitation Management Plan for all surface disturbances associated with prospecting operations within EL8635. • Submit a Rehabilitation Cost Estimate, prepared in accordance with the Rehabilitation Cost Estimate Guidelines.
Total Minerals Pty Ltd	EL 8625 (1992)	<ul style="list-style-type: none"> • Prepare and submit a Rehabilitation Management Plan for all surface disturbances associated with prospecting operations within EL8625. • Submit a Rehabilitation Cost Estimate, prepared in accordance with the Rehabilitation Cost Estimate Guidelines
Wollongong Coal Ltd	CCL 745 (1973)	<ul style="list-style-type: none"> • Complete all “Recommended Controls and Implementation Program” items identified in Sections 2.1, 2.2, 2.3 and 2.4 of the “Independent Environmental Risk Assessment, Wollongong Coal Limited, Russell Vale and Wongawilli Collieries, May 2019” within the specified timeframes identified in the Risk Assessment and to the satisfaction of the NSW Resources Regulator.
Wongawilli Coal Pty Ltd		<ul style="list-style-type: none"> • Implement an independent audit program to review and document progress in meeting the actions contained in the report.
Total		28

*Mining Act 1992

Mining Act 1992 key enforcement actions

In July 2019 the NSW Resources Regulator undertook four enforcement actions under the *Mining Act 1992*. This included one suspension of title and issuing three penalty notices.

FIGURE 9. MINING ACT 1992 ENFORCEMENT ACTIONS FINALISED – JULY 2018 TO JULY 2019

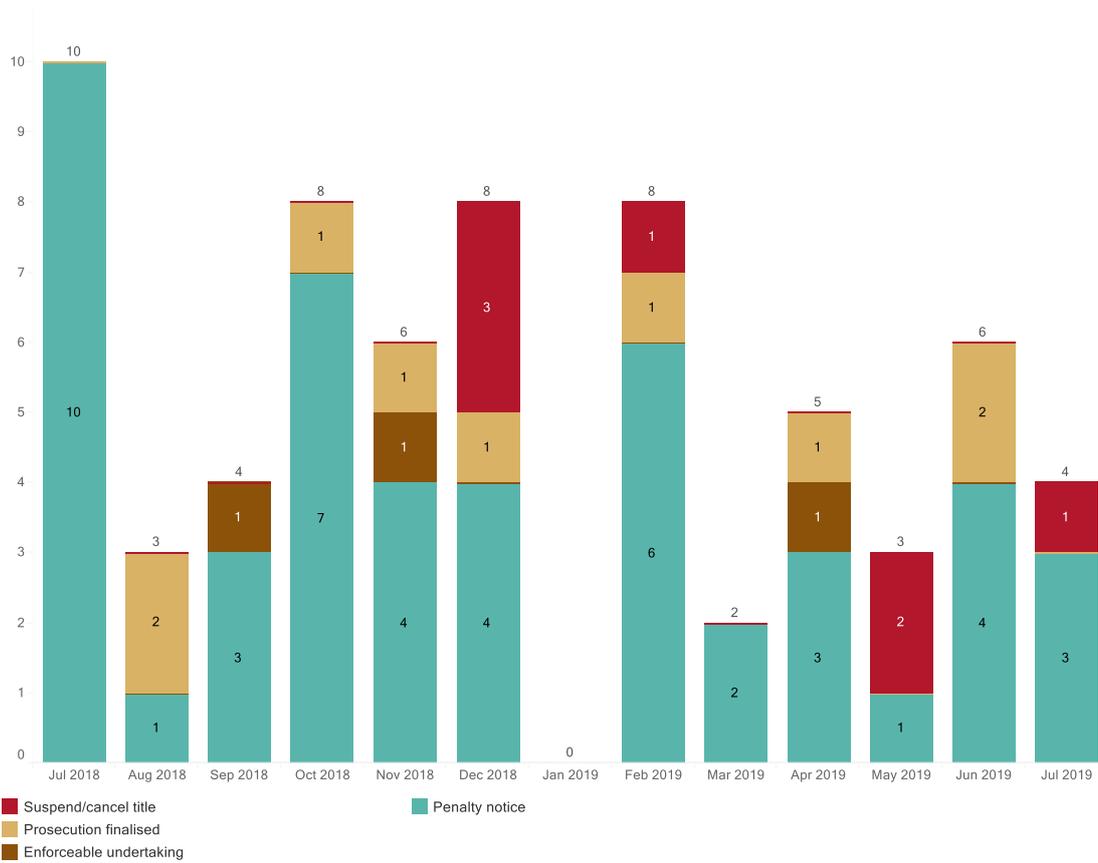


TABLE 7. KEY MINING ACT 1992 ENFORCEMENT ACTIONS - JULY 2019

Date	Entity	Authority	Action	Amount	Details / Direction
11 July	Namoi Mining Pty Ltd	ML1624	Penalty Notice	\$2,500	Failure to comply with conditions of an authorisation section 378D of the <i>Mining Act 1992</i> (Contravention of condition of authorisation—offence by holder). Did not possess an approved Mining Operations Plan between 19 and 22 January 2019 and Mining Operations were undertaken.
11 July	Whitehaven Coal Mining Limited	ML1579, ML1685, and ML1693	Penalty Notice	\$2,500	Failure to comply with conditions of an authorisation section 378D of the <i>Mining Act 1992</i> (Contravention of condition of authorisation—offence by holder). Did not possess an approved Mining Operations Plan between 2 April and 11 April 2019 and Mining Operations were undertaken.
15 July	Sibelco Australia Limited	ML 5938	Penalty Notice	\$5,000	Failed to comply with s 240 notice issued under the <i>Mining Act 1992</i> .
31 July	Young Mining Company Pty Ltd	CML15	<p>Suspension notice issued, effective from 8 August. Direction stayed until 5pm Monday 19 August 2019 by order of the Supreme Court of NSW.</p> <p>On 19 August 2019, Young Mining Company Pty Ltd agreed to pay half of the total shortfall in the security deposit to the Department by 2 September 2019 and pay the remaining shortfall by 18 May 2020. Young Mining also agreed to pay half of the Regulator's legal costs as agreed or assessed.</p> <p>The stay of the suspension notice as ordered by the court will remain in effect until 5 September 2019.</p>	N/A	Failed to pay the required security deposit.
Total					4

Industry engagement activities

The NSW Resources Regulator's industry engagement activities for July 2019 are outlined below.

Committees and other industry body involvement

In July 2019, the NSW Resources Regulator participated in the following committees and working groups.

TABLE 8. COMMITTEES AND OTHER INDUSTRY BODY INVOLVEMENT - JULY 2019

Date	Committee / Body	Detail
22-July	Legislative Review Steering Committee	Meeting between SafeWork NSW, Better Regulation and Recourses Regulator regarding NSW legislation.
26-July	Coal Industry Regulators meeting	Meeting between I-Care, SIRA, Coal Services and the Resources Regulator.
29-July	Electrical Engineers Competency committee	Marking of written competency exams for electrical engineers.
July	SF041 - Australian Standards - Functional Safety committee meeting	Committee meeting.
July	Electrical Engineers Competency committee	Setting of written competency exams for electrical engineers (beginning of month).
Total		5

Workshops and information sessions

TABLE 9. WORKSHOPS AND INFORMATION SESSIONS - JULY 2019

Date	Type of activity	Location	Detail
1 July	Presentation	Maitland	Presentation to candidates for the Cable Repair Signatories exams.
10 July	Engagement	Orange office/ Skype	NSW Resources Regulator's inspectors met with industry representatives to discuss safety hazards of a proposed processing plant.
11 and 16 July	Engagement	Mandalong & Airly Mine	Information session with mining operators to improve subsidence monitoring efforts.
12 and 15 July	Engagement	Metropolitan & Appin Mine	Information session with mining operators to improve subsidence risk management efforts.
16 July	Presentation	White cliffs	Electrical safety presentation as part of the annual Opal Mining Safety Awareness course.
16 July	Coal Services Mines Rescue Working Group	Sydney	Regular meeting of the Coal Services Mines Rescue Working Group. Regulator presented to the group on new guidance material relating to emergency incident notification and consultation requirements.
16 and 17 July	Training	White Cliffs	Opal Mining Safety Training Workshop.
24 July	Engagement	Mt Owen Mine and Integra Mine	Joint information sessions with the two mining operators.

Date	Type of activity	Location	Detail
31 July	NSW Mines Rescue Challenge	West Wyalong	Annual emergency response event held each year attracting ten metal and coal mine teams testing their skills across first aid, confined space rescue, accident rescue, firefighting and emergency response theory.
Total			<u>119</u>

Publications and alerts

In July 2019, the NSW Resources Regulator published 18 media releases, news articles and safety alerts on our website.

TABLE 10. MEDIA RELEASES, SAFETY NEWS AND PUBLICATIONS - JULY 2019

Date	Type	Summary
5 July	Media release	Causal investigation into Metropolitan mine gas incident complete.
5-July	Mine safety news	Email campaign.
5-July	Video published	Learning from investigations: Workers evacuated after gas levels rise [https://youtu.be/rSc_Eba5cHI].
5-July	Weekly incident summary	Email campaign.
8 July	Media release	Investigation into Bulga mine truck collision complete.
8-July	Video published	Video published: Learning from investigations: Bulga Open Cut dump truck collision [https://youtu.be/QkHvSdq1EuA].
8-July	Mine safety news	Email campaign.
12 July	Report	Audit report Narrabri Coal.
12 July	Media release	Mine operators display high compliance rates during blitz.
12 July	Fact sheet	Plant design registration.
12-July	Weekly incident summary	Email campaign.
17 July	Safety bulletin	Objects sticking out of vehicles and hurting people.
17 July	Safety bulletin	Safety critical system failures on road registered vehicles.
17-July	Mine safety news	Email campaign.
18-July	Video published	Video published: Developing leading practice tailings management [https://youtu.be/5VixHtPef6M].
19-July	Video published	Video published: Be safe at work [https://youtu.be/SrF3CYiV09Q].
19-July	Weekly incident summary	Email campaign.
26-July	Weekly incident summary	Email campaign.
31 July	Publication (updated)	Flyer: Practising certificates with maintenance of competence.
Total		18

