

**NSW
Resources
Regulator**

○ Monthly business activity report

JUNE 2018



VISION

A safe and responsible mining extractive and petroleum industry

MISSION

To enable and support industry to understand and fulfil its obligations

**NSW
Resources
Regulator**

**SECTOR
REPORTING**

Coal mines

Opencut, underground and coal preparation plants

Large mines

METALLIFEROUS AND QUARRIES

Quarries that produce >900,000 tonnes pa and large opencut or underground metalliferous mines

Small mines

METALLIFEROUS, QUARRIES AND OTHER GEMSTONES

Quarries and other mine types (eg sand, clay, lime) that produce <900,000 tonnes pa, opencut or underground metalliferous mines and gemstone mines

Petroleum and Geothermal

Onshore petroleum and geothermal productions and exploration sites

Opal Mines

Opal mines at Lightning Ridge and White Cliffs

Exploration

Exploration sites (excluding petroleum)

Non-mine

Includes many manufacturers (including OEMs), suppliers, designers, importers, licence holders and registration holders



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Amendment schedule		
Date	Version	Amendment

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Disclaimer: The information contained in this publication is based on knowledge and understanding at the time of writing (August 2018). However, because of advances in knowledge, users are reminded of the need to ensure that information upon which they rely is up to date and to check currency of the information with the appropriate officer of the NSW Department of Planning and Environment or the user's independent advisor.

Key activities and events

On 29 June the Resources Regulator cancelled two minerals claims in Lightning Ridge. In December 2017, five improvement notices were issued to the holder of these two claims, requiring shafts to be protected to prevent the risk of falls. However, follow up inspections confirmed that this had not been actioned by the claim holder. The titleholder was issued with a \$750 penalty infringement and ordered to rehabilitate the claims. Due to the claim holder further failing to rectify the issues or meet the requirements of the statutory directions, further action was taken to cancel the mineral claims.

In June 2018, three enforceable undertakings from four mining operations were accepted by the Regulator:

- Wollongong Coal & Wongawilli Coal in relation to the alleged late payment of rental and administration levies
- Tahmoor Coal in relation to the alleged failure to comply with environmental requirements
- Ridgeland Coal Resources in relation to the alleged failure to establish a community fund.

Full details of each undertaking are available on our [website](#).

Significant safety events

On 23 June 2018, an underground truck caught fire in the decline to the underground working of the Tritton Copper Mine. The incident, which occurred at around 4:30pm prevented workers from exiting the mine. A number of workers had to retreat to an underground refuge chamber, but all were safely returned to the surface by 2am Sunday. No one was injured during the incident. Refer to [Safety Alert SA18-08](#) for further information.

During night shift on 26 June 2018, a drill rig at Maules Creek open cut coal mine travelled through the windrow. The operator was using a global positioning system (GPS) to reposition the rig to set up over the hole when it travelled over the windrow. On straddling the windrow, the machine was unable to propel itself forward and came to a halt with the right track suspended 50m above ground after breaching the highwall. The operator was uninjured. Refer to [Safety Alert SA18-09](#) for further information.

Publications

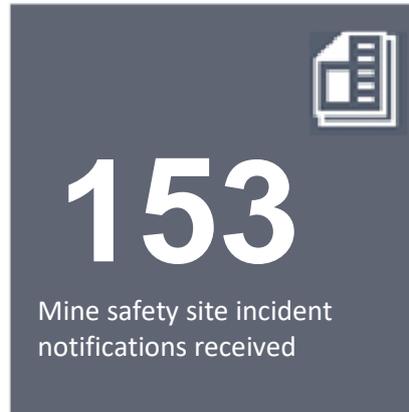
The regulator published a [self-audit checklist for explorers](#) in June 2018. The checklist provides explorers with an indication of some of the issues the regulator's auditors consider when undertaking onsite audits and will help explorers meet their statutory obligations.

The first [Quarterly safety report](#) was also published in June 2018. The report contains information on matters of concern to the regulator including controls and actions that may be implemented to prevent or reduce the likelihood of future safety incidents. Sector specific information, emerging issues and good practice examples are provided to assist operators in improving their safety management systems and undertaking risk assessments at their sites.

NSW Planning and Environment has taken all care to ensure the accuracy, completeness and reliability of the information provided in this report. Nothing in this report impacts any duties held by any person under legislation administered or enforced by the department. Compliance with the legislation is a legal requirement. Some persons may have a right of internal or external review of decisions made under the legislation administered or enforced by the department.

Activity summary

Below is a snapshot of the NSW Resources Regulator's activities for June 2018.



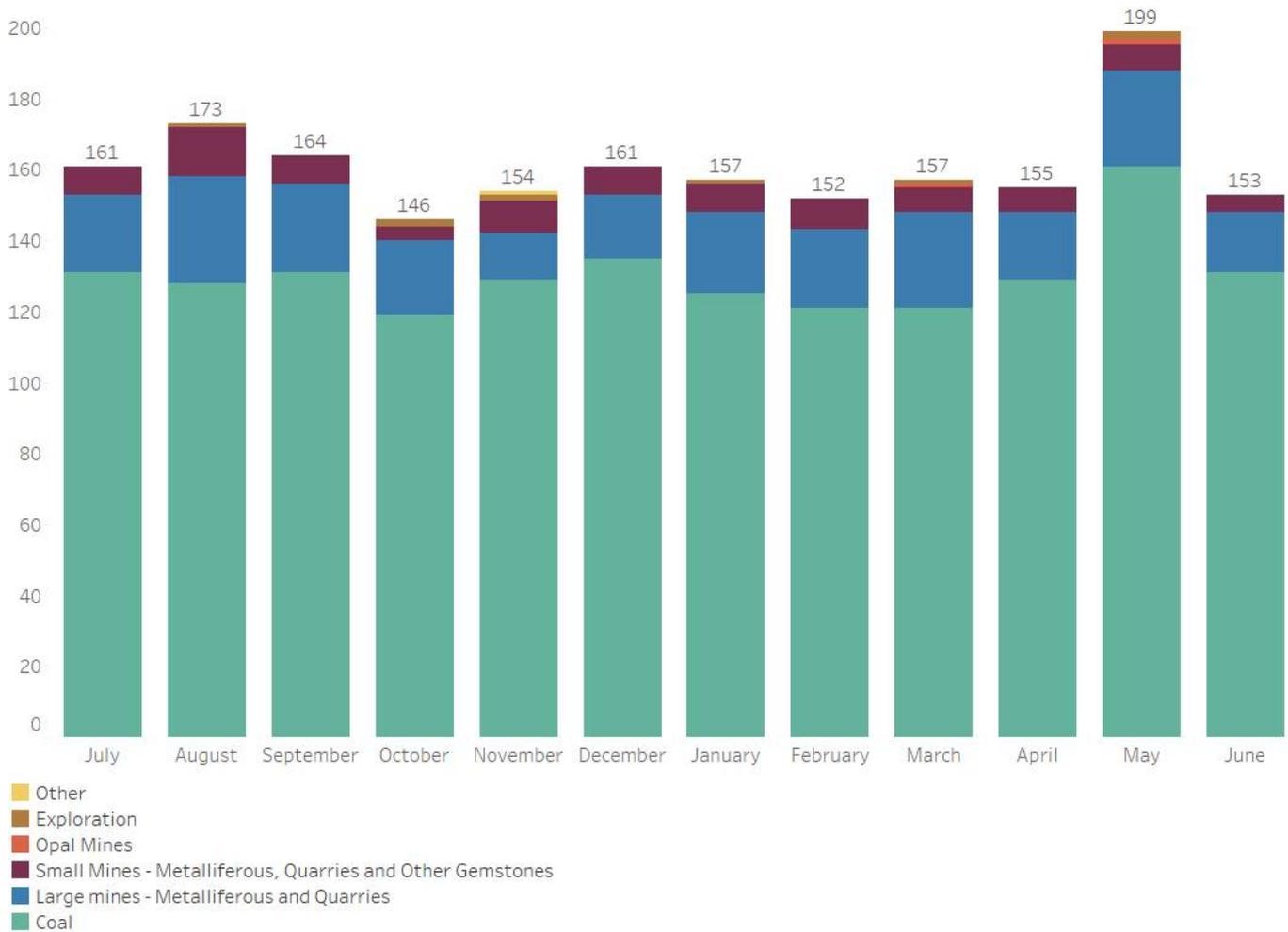
WHS legislation

Incidents notified

There were 153 incidents notified to the regulator in June 2018.

Weekly incident summaries are available on our [website](#). These provide details of incidents and recommendations to mine operators as numbers of incidents notified clauses under each of the notification clauses.

Figure 1. Safety incident notifications by sector



WHS legislation – compliance overview

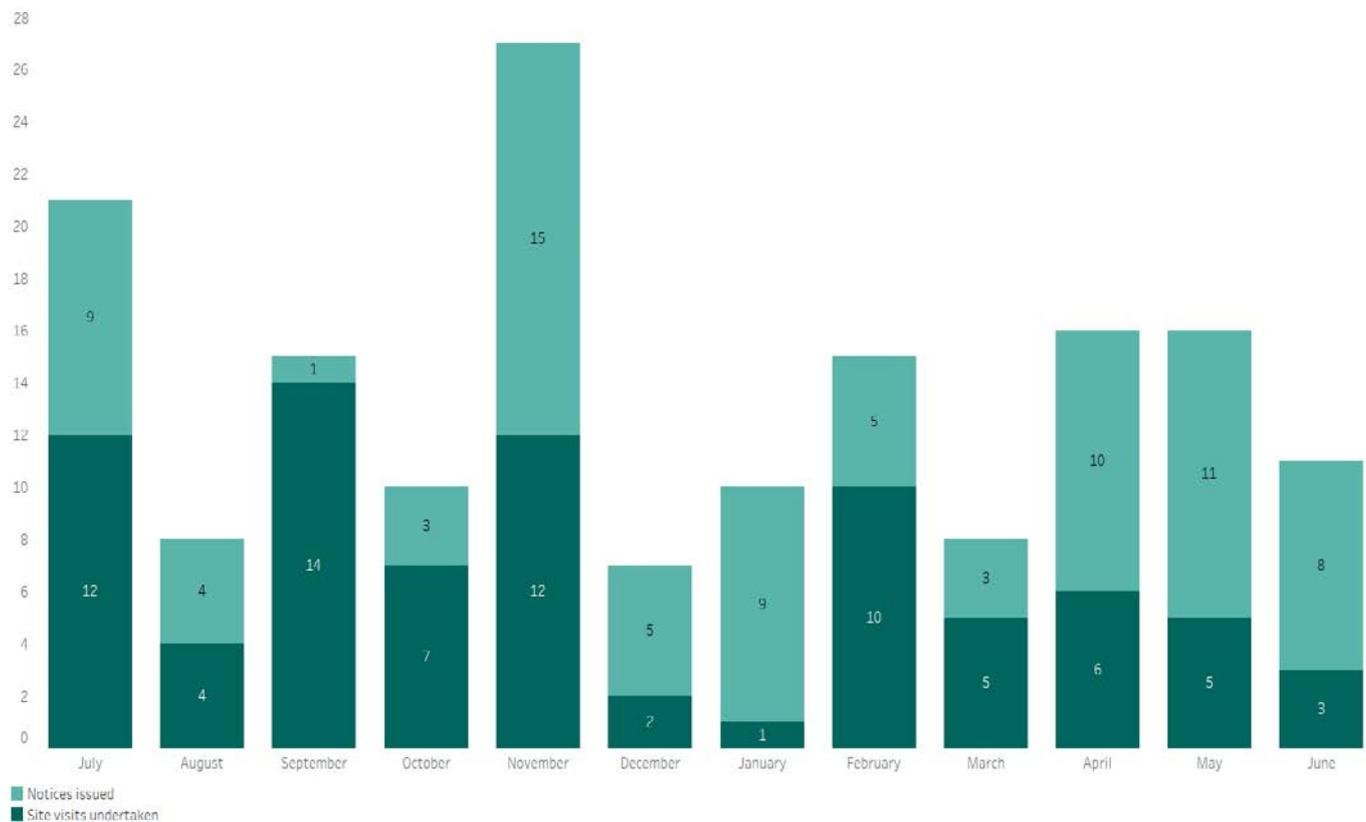
Targeted assessment program (TAPs)

Three TAPs were completed in May 2018. Consolidated findings for each specific principal (and other) mining hazard are available on our [website](#). There were no consolidated reports published in June 2018.

Table 1. Targeted assessments conducted

Hazard	Mine	Date	Activity
Diesel exhaust emissions	Airly U/G	19-20 June 2018	Site assessment
Airborne contaminants	Cadia East U/G	4-5 June 2018	Site assessment
Fire and explosion	Integra U/G	27-28 June 2018	Site assessment

Figure 2. Targeted assessments and notices issued



Note: Some notices recorded against June 2018 were issued in relation to TAPs at the end of May 2018.

Safety assessments

The regulator conducts many different types of safety assessments including site based assessments and office desktop assessments. The incident prevention strategy places a focus on site based preventative assessments.

Figure 3 below shows site based assessments conducted in each of the six mining sectors identified by the regulator. The high number of site assessments in May 2018 were because of the high visibility compliance operation across NSW mines during that month.

Figure 3. Site assessments by sector

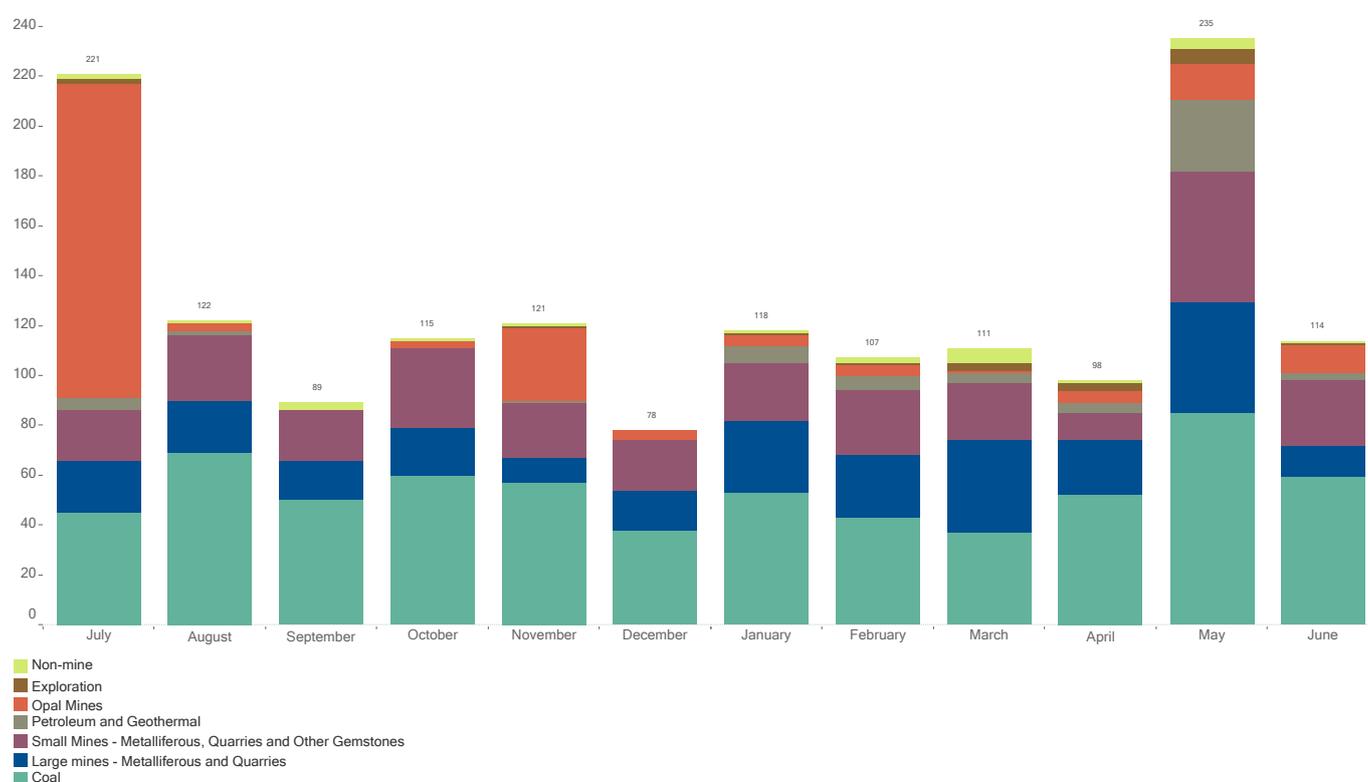


Table 2. Site assessments by sector

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Total
Coal	45	69	50	60	57	38	53	43	37	52	85	59	639
Large Mines - Metalliferous and Quarries	21	21	16	19	10	16	29	25	37	22	44	13	273
Small Mines - Metalliferous, Quarries and Other Gemstones	20	26	20	32	22	20	23	26	23	11	53	26	302
Opal mines	126	3	0	3	29	4	4	4	1	5	14	11	204

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Total
Petroleum and Geothermal	5	2	0	0	1	0	8	7	4	4	29	3	63
Exploration	2	0	0	0	1	0	1	1	3	3	6	1	18
Non-mine	2	1	3	1	1	0	1	2	6	1	4	1	23
Total	221	122	89	115	121	78	118	107	111	98	235	114	1522

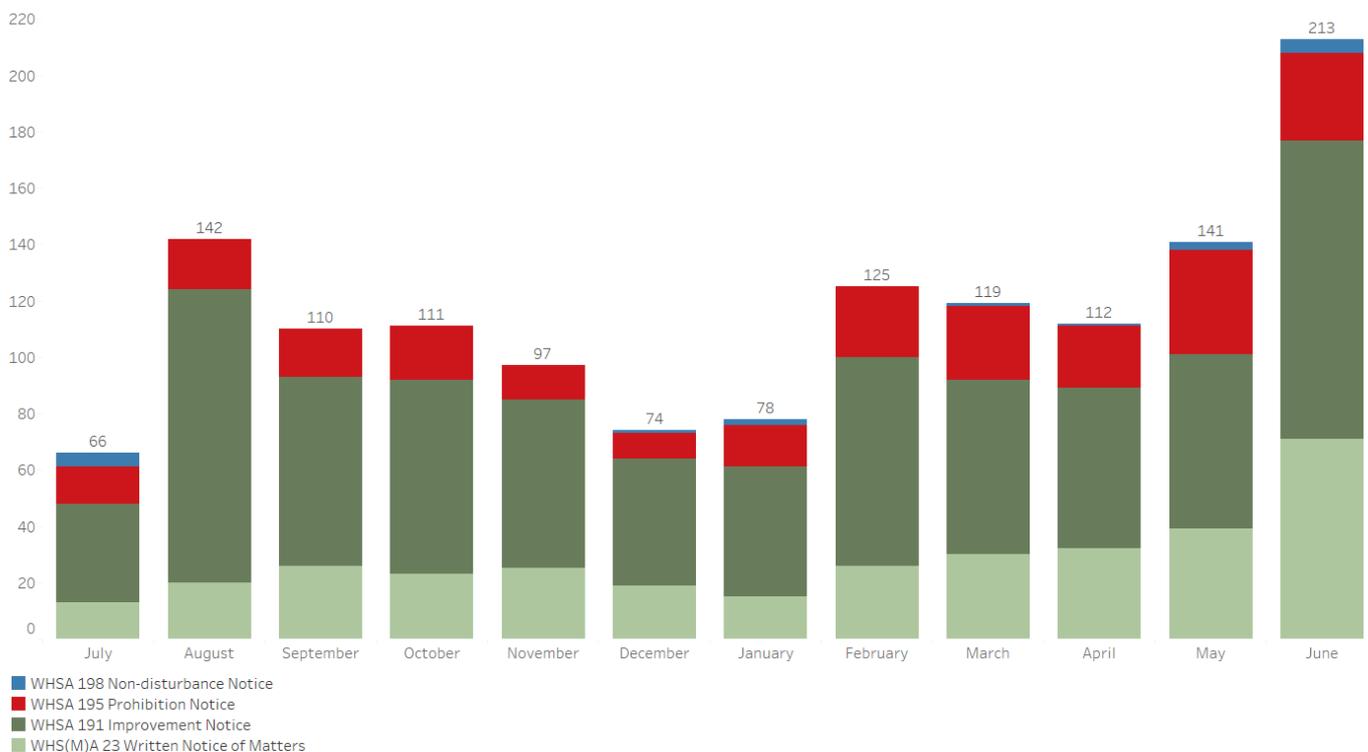
WHS enforcement actions

Our [Compliance and enforcement approach](#) is available on our website.

Safety notices issued

There were 213 notices issued during June 2018. This high visibility compliance operation which resulted in 28 prohibition notices, 35 improvement notices and 33 notices of concern may account for the higher than average number of notices issued.

Figure 4. Notices issued by section of the *Work Health and Safety Act 2011*



Prohibition notices issued

Table 3. Prohibition notices issued (s 195 WHS Act 2011)

PCBU	Mine	Prohibited activity
Cleary Bros (Bombo) Pty Ltd (ACN: 000157808)	Cleary Bros - Albion Park	This item of plant must not be operated until a competent person inspects, identifies and effects corrective actions in accordance with the complete requirements of the Original Equipment Manufacturer (OEM).
Bulga Coal Management Pty Limited (ACN: 055534391)	Bulga Surface Operations	No drilling operations are to occur within 10 metres of a "high" wall outside of daylight hours.
LakeCoal Pty Ltd (ACN: 094084787)	Chain Valley Colliery	SC078 is prohibited from production use, this does not prohibit fault finding and testing to establish the root cause of the failure.
Yancoal Mining Services Pty Ltd (ACN: 609452039)	Ashton Coal Mine (Coal Processing Plant)	No persons are to access elevated walkways within all areas of the Coal Handling and Preparation Plant (CHPP) including conveyor gantries except for the purpose of maintaining workers safety.
Milbrae Quarries Pty Ltd (ACN: 087935313)	Western Riverina Quarry	1. No person to proceed beyond the door (drivers side), unless it is to enter cabin. 2. No person to access the platform (opposite side or off side of cabin) for any task.
Coal & Allied (NSW) Pty Limited (ACN: (none))	Mount Thorley Warkworth Operations	There is to be no haul trucks dumping over a high wall or low wall.
Ravensworth Operations Pty Ltd (ACN: 008596549)	Ravensworth Operations	The use of the rubber tyred dozer (push cat) for the clean-up of the toe of the highwall at the 316 Floor Upper Liddell, Lower Pass, South Wall (site of incident 15th June 2018) until the hazard, of falling rocks, which gave rise to the incident has been mitigated. This notice does not preclude the safe recovery of the damaged rubber tyred dozer, Plant No.906.
Springvale Coal Pty Ltd (ACN: 052096769)	Springvale Coal Services Operation	1) No worker shall access the upper levels of mobile plant other than to access the operator cabin without the aids of fall protective devices, these would include but not limited to: a) fall harness, lanyards and/or fall arresters, or b) Hand rails and walkways around the upper levels of the mobile plant, or c) Maintenance Access platforms or other
Johnstone Concrete & Quarries Pty Ltd (ACN: (none))	Johnstone Concrete & Quarries Pty Ltd - Runnymede Quarry	The water tanker attached to the UD prime mover on site is not be operated/moved around the site with any volume of water within the tank.

PCBU	Mine	Prohibited activity
Coastal Homesites Pty Ltd (ACN: 000925744)	Woolgoolga Quarry	Activities in all effected work areas, detailed in Part C, are prohibited without systems to prevent a person from being exposed to a fall from height being implemented.
Holcim (Australia) Pty Ltd - North Coast Region (ACN: 099732297)	Holcim - Boambee Quarry	Activities in both of these work areas are prohibited without systems to prevent a person from being exposed to a fall from height being implemented.
Cristal Mining Australia (ACN: 009247858)	Snapper Mineral Sands Mine	The operation of the aluminium boat (tinny) asset number 1461 BA 007.
Whitehaven Coal Mining Limited (ACN: 086426253)	Tarrawonga Coal Mine	Front windscreen is to be replaced prior to LV539 (CJ37YD) being returned to service. The item of plant can be moved to affect repairs
Willow Tree Gravels Pty Ltd (ACN: 065761319)	Willow Tree Gravels	This notice relates to the Kawaski 90VZ (L5) Front End Loader on site and requires the mine operator to allow: 1. No person is to proceed beyond the cabin door of the identified loader (drivers access side). Access is allowed into the drivers cabin only. 2. No person is to use the ladder or cabin platform on the identified loader (opposite side of driver's access side of cabin) to proceed up for any task.
Willow Tree Gravels Pty Ltd (ACN: 065761319)	Willow Tree Gravels	This notice relates to the Caterpillar 740 articulated dump truck on site and requires the mine operator to allow: No person is to proceed beyond the unguarded platform on either side of the prime mover bonnet. Access is allowed into the drivers cabin only.
Willow Tree Gravels Pty Ltd (ACN: 065761319)	Willow Tree Gravels	This notice relates to the Volvo A40D (DT02) Articulated dump truck on site and requires the mine operator to allow: 1. No person is to proceed beyond the cabin door of the identified truck (drivers access side). Access is allowed into the drivers cabin only. 2. No person is to use the ladder or cabin platform on the identified truck (opposite side of driver's access side of cabin) to proceed up for any task.
Willow Tree Gravels Pty Ltd (ACN: 065761319)	Willow Tree Gravels	No access to the steps on the C 44 Cone Crusher at the radiator hydraulic level and no person to proceed beyond the first platform from the ground on the C 44 Cone Crusher.
Philip Marheine (ACN: (none))	Willow Tree Gravels	The Manitou Forklift is not to be used for any activity on the mine site.
HV Operations Pty Ltd (ACN: 606 478 399)	Hunter Valley Operations	Highwall mining in the Carrington Pit.
Tritton Resources Pty Ltd (ACN: 100095494)	Tritton Copper Mine	The mine must not utilise Sandvik TH663 60 tonne haul trucks at the mine other than for the purposes of complying with the directions of this notice.

PCBU	Mine	Prohibited activity
Clarence Coal Pty Ltd (ACN: 083465212)	Clarence Colliery	No worker shall access the upper levels of mobile plant other than to access the operator cabin without the aid of fall protective devices, these would include but not limited to: a) Fall harness, lanyards and/or fall arrester, or b) Hand rails and walkways around the upper levels of the mobile plant, or c) Maintenance access platforms, or others
Endeavour Coal Pty Ltd (ACN: 099830476)	West Cliff Coal Preparation Plant	The lifting/hoisting of any scaffold cage on-site.
HV Coking Coal Pty Limited (ACN: 605492804)	Integra Underground	No works shall proceed on the compressed air system between CA006, air receiver and primary ring main of compressed air system.
Bald Hill Quarry Pty Ltd (ACN: 003764725)	Holbrook Quarry	No extraction/mining of the casted hung up quarry material in the North/East section of the pit.
McLennan Earthmoving (ACN: 055186797)	Duncan's Pit - Main Creek	Activities in both work areas are prohibited without systems to prevent a person from being exposed to a fall from height being implemented.
Hebden Quarries Pty Ltd (ACN: 106204817)	Hebden Quarry	Activities in all effected work areas, detailed in Part C, are prohibited without systems being implemented to prevent a person from being exposed to a fall from height.
Tarago Operations Pty Ltd (wholly owned subsidiary of Heron Resources Limited) (ACN: 127 810 413)	Woodlawn Mine S(C&P)L 20	Development of New Mine Entry as per Plan "Woodlawn Mine - Mine Entry, Box Cut and Portal Location" dated 7 December 2017 and submitted as part of the HRA.
Burgess Earthmoving Pty Ltd (ACN: 002974496)	Albury Quarry	This notice relates to the Terex TA35 Articulated dump truck on site and requires the mine operator to allow: No person is to use the cabin platform on the identified truck (opposite side of driver's access side of cabin) to proceed up for any task.
Texas Class Pty Ltd T/AS Wild Quarries & Civil (ACN: 138088356)	Wild Quarry	Activities in all effected work areas, detailed in Part C, are prohibited without systems being implemented to prevent a person from being exposed to the risk of a fall from height.
Gunnedah Quarry Products Pty Ltd (ACN: (none))	Gunnedah Quarry Products Pty Ltd	1. No access to the steps on the C 44 Cone Crusher at the radiator hydraulic level. 2. No access to the steps on the first platform to the magnet on the C 44 Cone Crusher 3. No person to proceed beyond the first platform from the ground on the C 44 Cone Crusher.

PCBU	Mine	Prohibited activity
Airly Coal Pty Ltd (ACN: 078693722)	Airly Mine	Cutting of coal from the face in MG2 panel is prohibited. Other activities in the panel required for maintenance and to maintain a safe workplace are not restricted by this notice.

WHS Statutory notifications

Information about WHS statutory [notifications](#) and [exemptions](#) is available on our website.

There were no exemptions granted in June 2018.

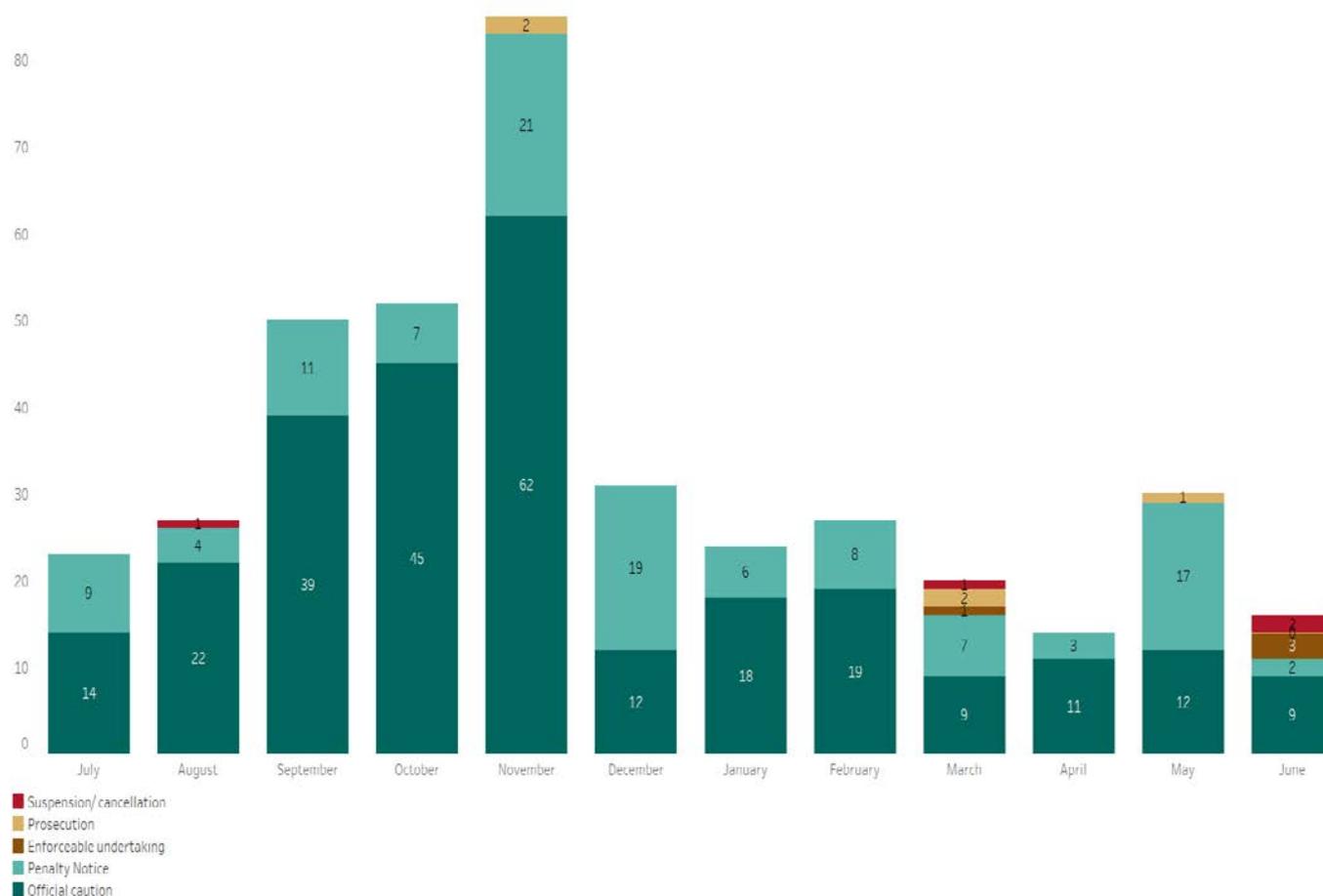
Table 4. High risk activity notifications received

Mine	WHS (MPS) Reg provision	Type of notification	No.
PEL0238 Bibblewindi 6	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 31	Well workover	1
Bulga Surface Operations	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 27	Emplacement areas - New tailings emplacement facility	1
Tahmoor Colliery	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 12	Driving underground roadway that is wider than 5.5 metres	1
Tahmoor Colliery	Work Health & Safety (M&PS) Regulation 2014 Schedule 3 Cl 16(1)(a)	Secondary extraction by long/short/miniwall mining	1
Tahmoor Colliery	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 18	Mining in outburst control zones	1
Tahmoor Colliery	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 10	Sealing longwall	1
Mandalong Mine	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 15	Formation of non-conforming pillars	1
Integra Underground	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 15	Formation of non-conforming pillars	1
Ulan Underground Mine	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 11	Conduct of hot work in a hazardous zone	1
Bulga Underground Operations	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 10	Sealing panel	1
Integra Underground	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 10	Sealing longwall	1
Camden Gas Project - PPL 1, 2, 4	Work Health & Safety (M&PS) Regulation 2014 Sch 3 Cl 31	Well workover	1

Mining Act – compliance and enforcement

Enforcement actions under the *Mining Act 1992*

Figure 5. Enforcement actions by type



Penalty notices issued

Table 5. Penalty notices issued under NSW *Mining Act 1992*

Date	Entity	Authority	Action	Amount	Details / Direction
05 Jun 2018	Hillgrove Mining Pty Ltd	ML755	Penalty Notice	\$5,000	Failure to comply with direction or notice – corporation <i>Mining Act 1992</i>

Date	Entity	Authority	Action	Amount	Details / Direction
29 Jun 2018	Marble Craft and Granite Supplies Pty Ltd	EL8371	Penalty Notice	\$5,000	Prospect for mineral without authorization <i>Mining Act 1992</i>

Workshops and education activities

Details of upcoming events are available on our [website](#).

Table 6. Industry engagement activities

Date	Type of activity	Location	Detail
5 Jun 2018	Exercises	Orange EOC	Desktop exercise run with mine emergency services, Resources Regulator, and staff from Cadia mine. Exercise jointly developed and delivered by Resources Regulator and NSW Police.
4-6 Jun 2018	Workshops	Lightning Ridge	Opal mine operators' safety awareness course
7-8 Jun 2018	Presentation	Newcastle	Mine Mangers Association meeting –presentation on ACES and incident reporting
13-16 Jun 2018	Meeting	White Cliffs	Informal meeting with White Cliffs miners' association about changed arrangements for delivery of safety awareness course.
20 Jun 2018	Workshop	Dubbo	Competence framework development workshop to develop a framework for statutory functions through the MPCB
18-20 Jun 2018	Training	Thornton office	Mine Safety & Health Representative training – 25 attendees
21 Jun 2018	Workshop	Moranbah, Qld	Presentation on development of a significant subsidence intelligence resource called Standardised Information Management System (SSIMS)
27 Jun 2018	Workshop	Picton	Joint training workshop run by RR staff and NSW Police for Appin and Tahmoor mine staff on Mine Sub Plan and emergency planning requirements.
26 Jun 2018	Workshop	Singleton	Coal Electrical & Mechanical Engineers Focus Group

Date	Type of activity	Location	Detail
28 Jun 2018	Workshop	Parramatta	Competence framework development workshop to develop a framework for statutory functions through the MPCB

Publications and alerts

Our [public comment policy](#) is available on our website.

Table 7. Mine safety publications

Date	Type	Summary
4 Jun 2018	Mine safety news	Weekly incident summary
5 Jun 2018	Mine safety news	<ul style="list-style-type: none"> Safety bulletin: People warned of falling risks at opal mine shafts Safe storage, handling and notification of hazardous chemicals Gazette recognises existing qualifications
6 Jun 2018	Media release	Regulator's compliance blitz gets results
7 Jun 2018	Mine safety news	Weekly incident summary
12 Jun 2018	Media release	Wollongong and Wongawilli Coal enforceable undertaking accepted
13 Jun 2018	Mine safety news	<ul style="list-style-type: none"> Regulator's compliance blitz gets results Quarry identifying competencies focus group Practising certificates – stage 4 applications now open Coal Services Order 43 due to take effect from 1 July 2018 <p>Recent amendments to the <i>Coal Industry Act 2001</i></p>
14 Jun 2018	Mine safety news	Weekly incident summary
15 Jun 2018	Mine safety news	Quarterly safety report
20 Jun 2018	Media release	Resources Regulator accepts Tahmoor Coal enforceable undertaking
21 Jun 2018	Mine safety news	Weekly incident summary
22 Jun 2018	Mine safety news	Register now for mechanical engineering safety seminar
24 Jun 2018	Media release	Resources Regulator investigating incident at mine near Nyngan